

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038106.D
 Acq On : 05 Oct 2023 17:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

Quant Time: Oct 05 17:47:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	135595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110825	50.815	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.620%			
35) Dibromofluoromethane	5.385	113	86493	51.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.400%			
50) Toluene-d8	8.653	98	332123	51.950	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	127734	52.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67358	51.464	ug/l	99
3) Chloromethane	1.307	50	63639	47.706	ug/l	99
4) Vinyl Chloride	1.374	62	79639	53.845	ug/l	97
5) Bromomethane	1.599	94	113008	58.318	ug/l	100
6) Chloroethane	1.679	64	68260	61.685	ug/l	99
7) Trichlorofluoromethane	1.886	101	170588	58.392	ug/l	99
8) Diethyl Ether	2.130	74	63565	58.340	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	64869	50.863	ug/l	98
10) Methyl Iodide	2.453	142	92853	50.600	ug/l	95
11) Tert butyl alcohol	2.965	59	120620	250.567	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	63456	51.150	ug/l	89
13) Acrolein	2.239	56	85355	275.297	ug/l	99
14) Allyl chloride	2.660	41	111636	50.309	ug/l	94
15) Acrylonitrile	3.062	53	255240	257.166	ug/l	100
16) Acetone	2.380	43	215228	236.457	ug/l	93
17) Carbon Disulfide	2.508	76	167218	46.767	ug/l	99
18) Methyl Acetate	2.703	43	202363	51.843	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	256666	51.948	ug/l	99
20) Methylene Chloride	2.788	84	81467	47.583	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	78171	50.892	ug/l	90
22) Diisopropyl ether	3.764	45	248708	53.478	ug/l	90
23) Vinyl Acetate	3.721	43	928490	272.242	ug/l	97
24) 1,1-Dichloroethane	3.611	63	144517	51.204	ug/l	99
25) 2-Butanone	4.556	43	375751	255.853	ug/l	93
26) 2,2-Dichloropropane	4.477	77	111887	50.776	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	95131	52.002	ug/l	92
28) Bromochloromethane	4.897	49	69081	54.220	ug/l	89
29) Tetrahydrofuran	5.007	42	249275	260.703	ug/l	89
30) Chloroform	5.093	83	167237	54.186	ug/l	98
31) Cyclohexane	5.477	56	123564	52.293	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	141507	53.529	ug/l	99
36) 1,1-Dichloropropene	5.696	75	118237	51.250	ug/l	99
37) Ethyl Acetate	4.715	43	144407	52.704	ug/l	98
38) Carbon Tetrachloride	5.678	117	120006	52.876	ug/l	96
39) Methylcyclohexane	7.385	83	139924	51.779	ug/l	93
40) Benzene	6.037	78	346746	53.736	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	72197	52.968	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	137358	53.278	ug/l	99
43) Isopropyl Acetate	6.342	43	221097	54.054	ug/l	97
44) Trichloroethene	7.123	130	88585	52.488	ug/l	98
45) 1,2-Dichloropropane	7.434	63	89778	53.756	ug/l	100
46) Dibromomethane	7.580	93	68815	53.126	ug/l	98
47) Bromodichloromethane	7.824	83	126378	54.844	ug/l	99
48) Methyl methacrylate	7.696	41	106401	54.490	ug/l	86
49) 1,4-Dioxane	7.659	88	49431	1027.292	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	759471	269.188	ug/l	98
52) Toluene	8.720	92	228515	54.364	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	139451	56.379	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	143763	55.321	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	95273	52.991	ug/l	95
56) Ethyl methacrylate	9.116	69	151902	55.105	ug/l	92
57) 1,3-Dichloropropane	9.311	76	157991	54.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	354444	261.950	ug/l	100
59) 2-Hexanone	9.433	43	610565	269.191	ug/l	96
60) Dibromochloromethane	9.525	129	99576	56.589	ug/l	99
61) 1,2-Dibromoethane	9.610	107	105957	54.497	ug/l	99
64) Tetrachloroethene	9.275	164	75570	51.352	ug/l	99
65) Chlorobenzene	10.079	112	245645	51.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	89854	55.861	ug/l	99
67) Ethyl Benzene	10.195	91	449479	52.937	ug/l	100
68) m/p-Xylenes	10.299	106	345737	105.308	ug/l	99
69) o-Xylene	10.640	106	169100	52.773	ug/l	99
70) Styrene	10.659	104	285020	54.620	ug/l	98
71) Bromoform	10.799	173	72615	48.740	ug/l #	99
73) Isopropylbenzene	10.963	105	443659	52.898	ug/l	99
74) N-amyl acetate	10.842	43	200269	55.917	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	165886	53.902	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	153130m	53.860	ug/l	
77) Bromobenzene	11.201	156	106346	51.936	ug/l	94
78) n-propylbenzene	11.305	91	543319	52.980	ug/l	99
79) 2-Chlorotoluene	11.366	91	315037	51.799	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	390178	53.923	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	47580	48.957	ug/l	93
82) 4-Chlorotoluene	11.457	91	378543	52.598	ug/l	99
83) tert-Butylbenzene	11.713	119	383486	54.239	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	390455	54.121	ug/l	99
85) sec-Butylbenzene	11.890	105	491233	53.635	ug/l	100
86) p-Isopropyltoluene	12.012	119	408299	54.033	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	211107	51.330	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	214976	51.199	ug/l	99
89) n-Butylbenzene	12.335	91	395876	52.604	ug/l	97
90) Hexachloroethane	12.536	117	68431	54.619	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	207272	52.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40575	54.530	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	135707	51.180	ug/l	96
94) Hexachlorobutadiene	13.725	225	53213	49.862	ug/l	99
95) Naphthalene	13.774	128	482036	52.203	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132056	51.436	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

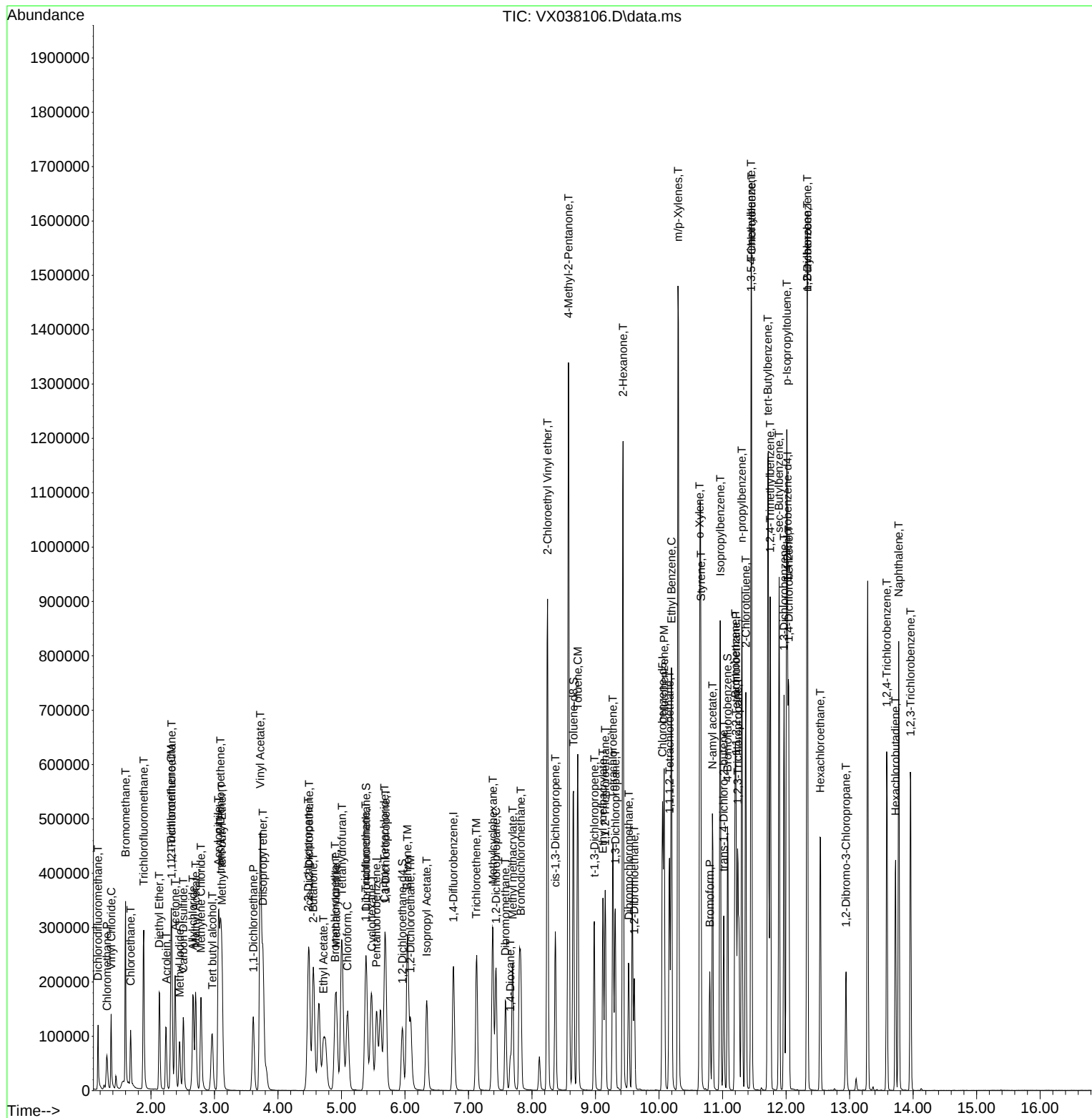
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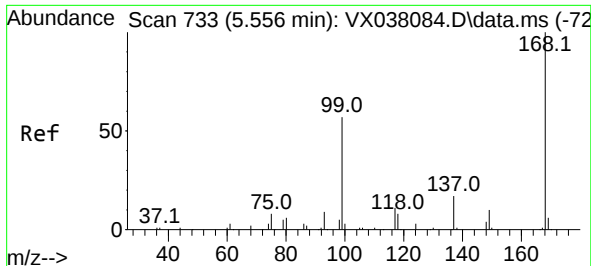
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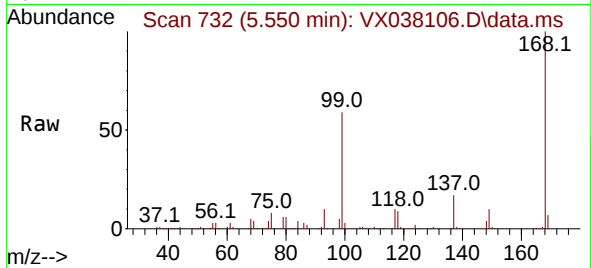
Reviewed By :John Carlone 10/06/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038106.D
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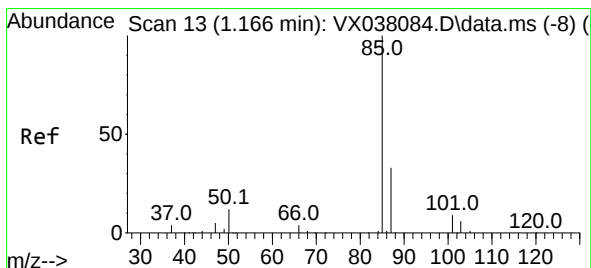
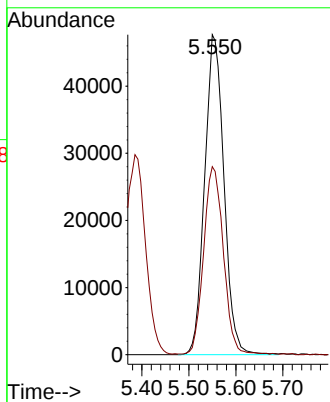
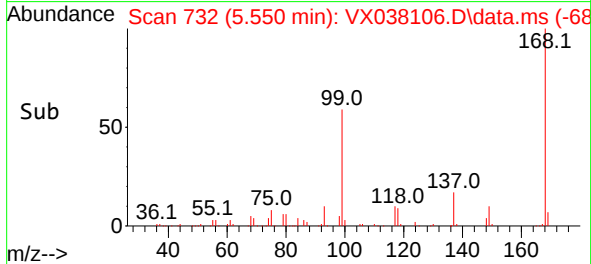
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13559
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0

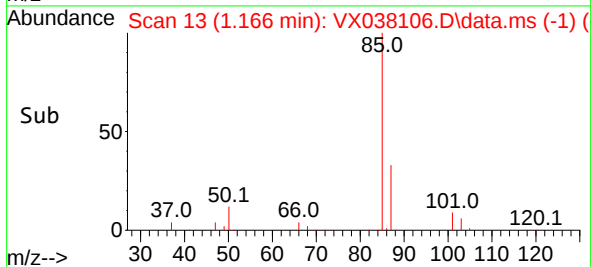
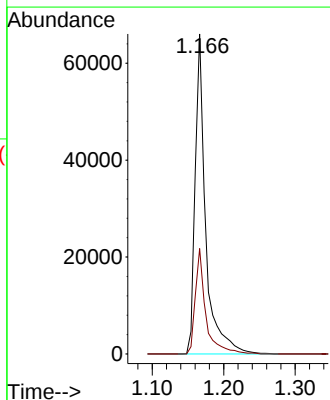
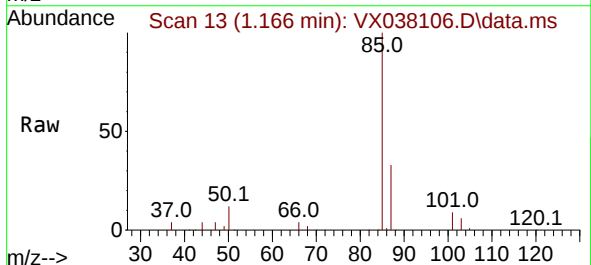
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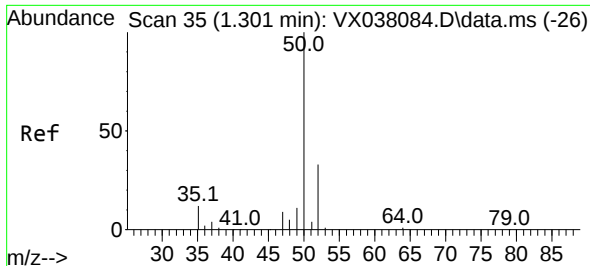
Reviewed By :John Carlone 10/06/2023
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#2
Dichlorodifluoromethane
Concen: 51.464 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 85 Resp: 67358
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





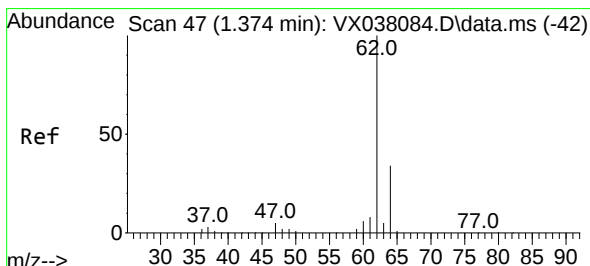
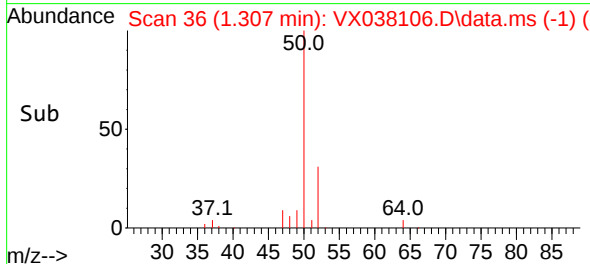
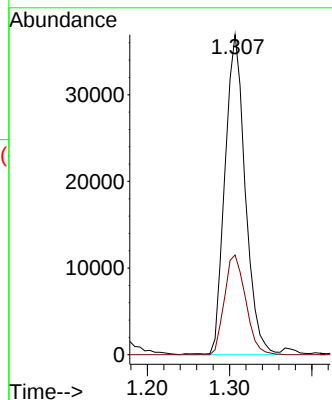
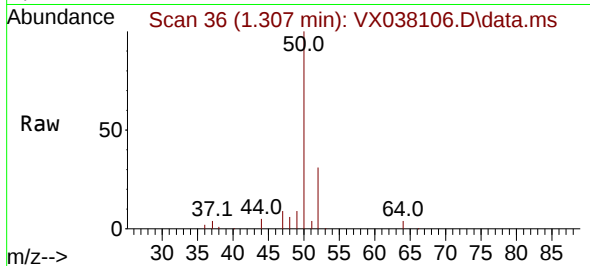
#3
Chloromethane
Concen: 47.706 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 63639
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3

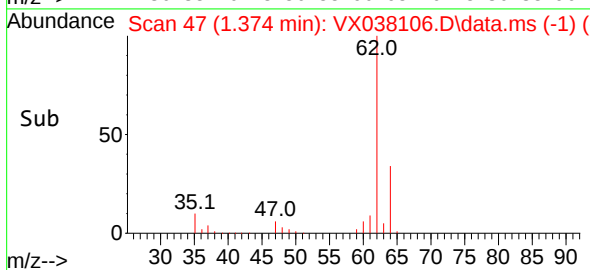
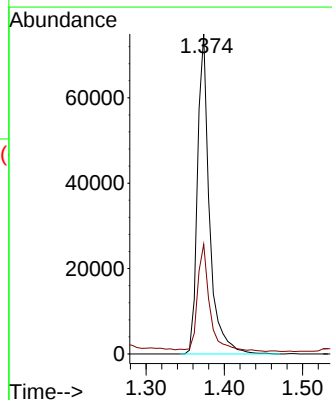
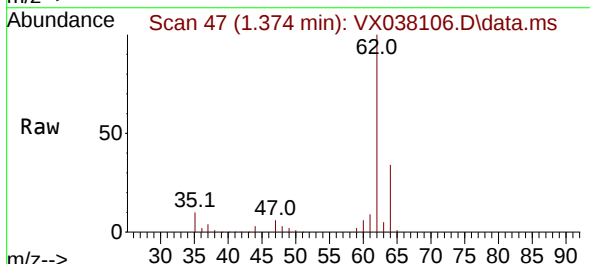
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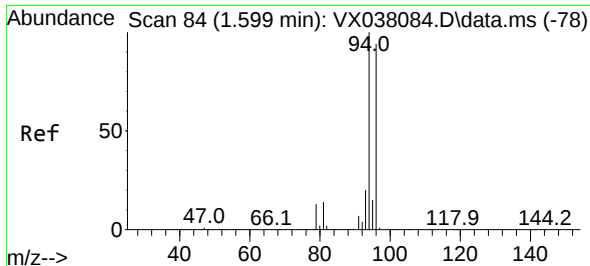
Reviewed By :John Carlone 10/06/2023
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#4
Vinyl Chloride
Concen: 53.845 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

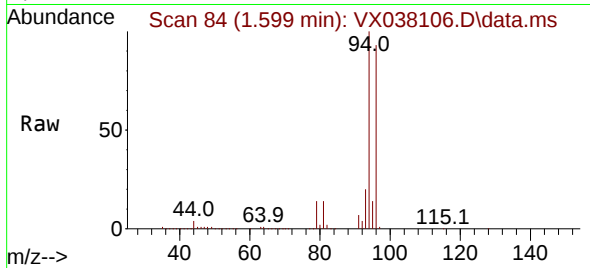
Tgt Ion: 62 Resp: 79639
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 58.318 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

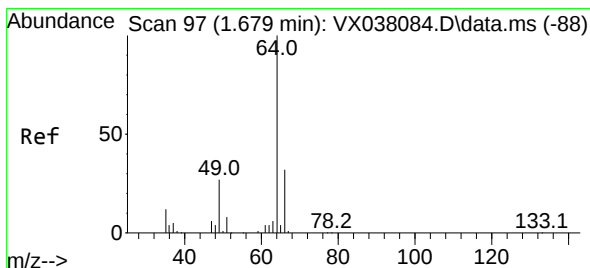
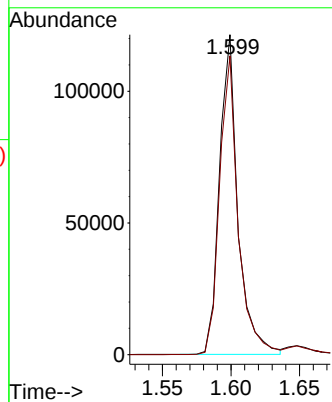
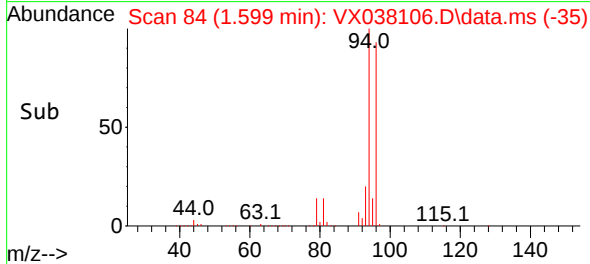
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Tgt Ion: 94 Resp: 113008
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8

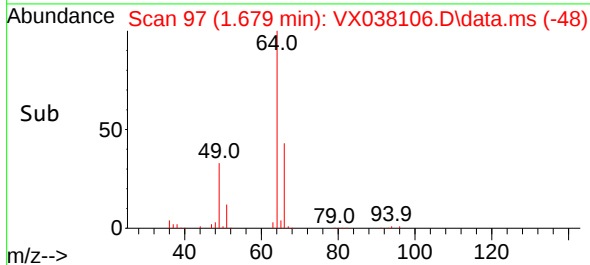
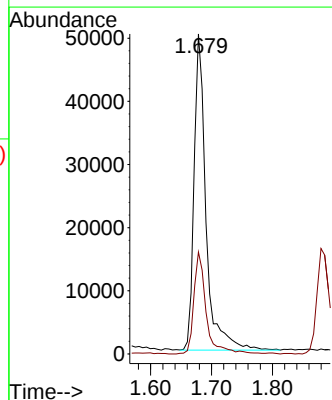
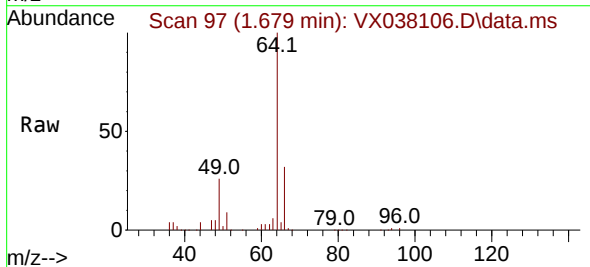
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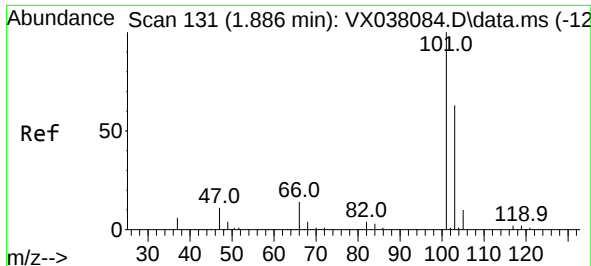
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#6
Chloroethane
Concen: 61.685 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

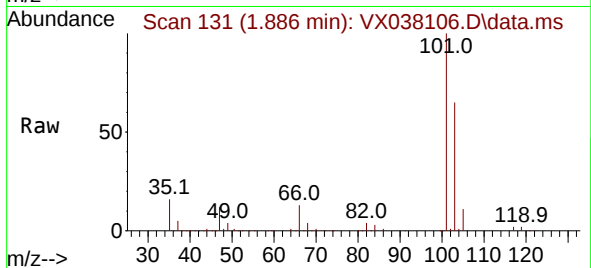
Tgt Ion: 64 Resp: 68260
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 58.392 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

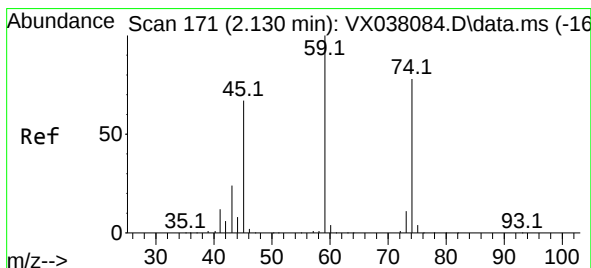
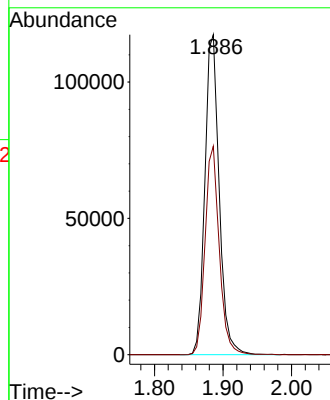
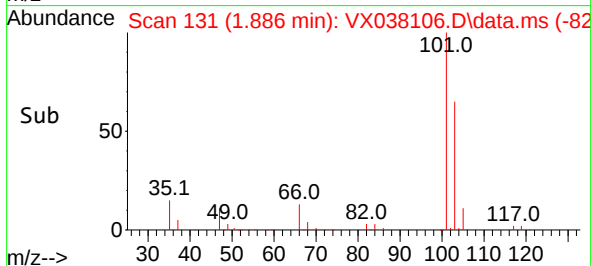
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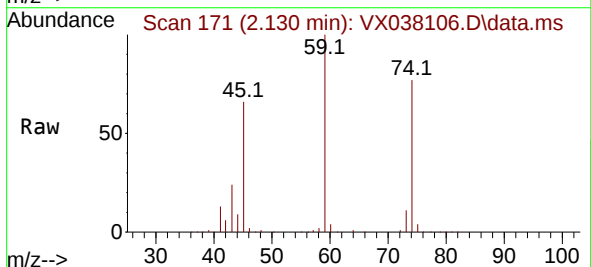
Tgt Ion:101 Resp: 17058
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

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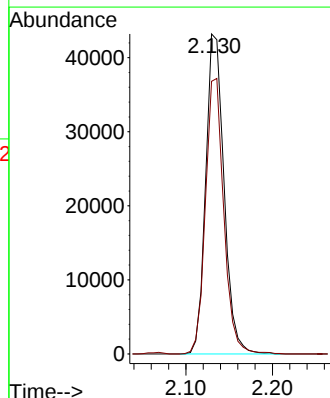
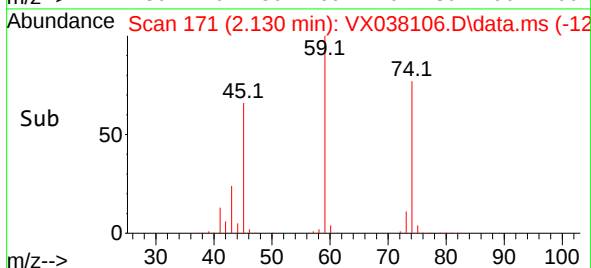
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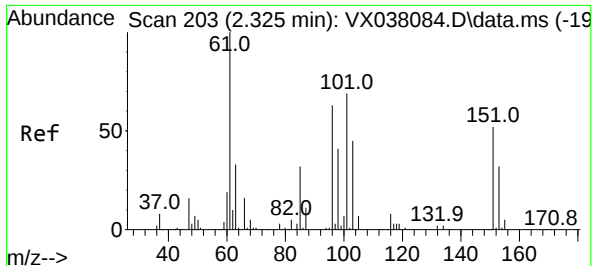


#8
Diethyl Ether
Concen: 58.340 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



Tgt Ion: 74 Resp: 63565
Ion Ratio Lower Upper
74 100
45 86.1 53.3 159.8





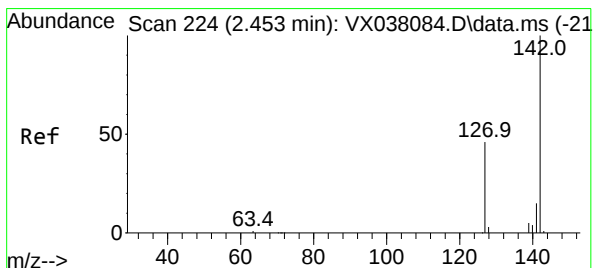
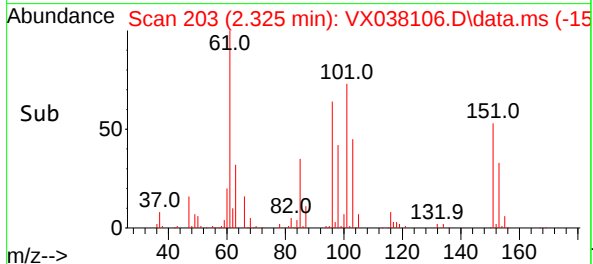
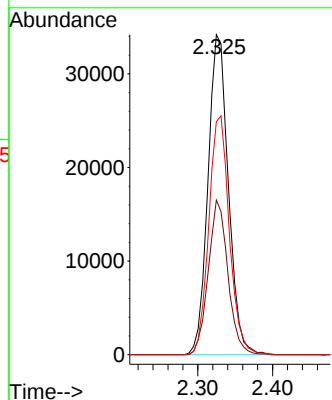
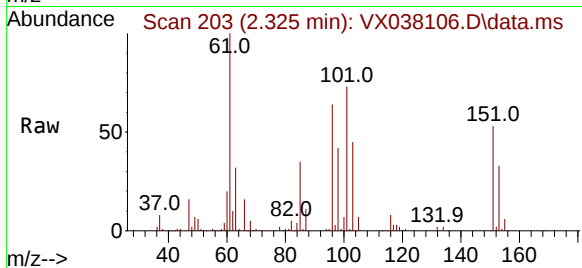
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.863 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 64869
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 75.3 58.6 87.8

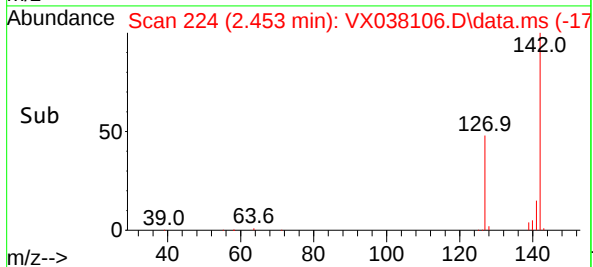
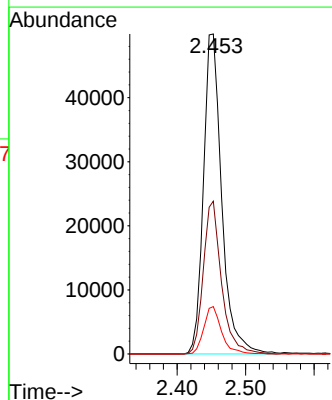
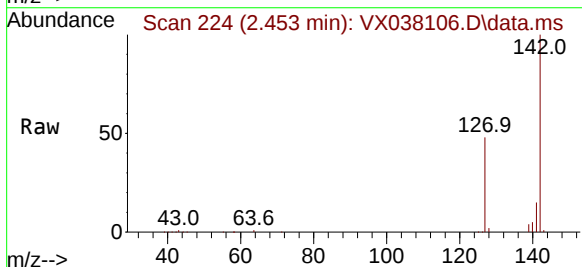
Manual Integrations
APPROVED

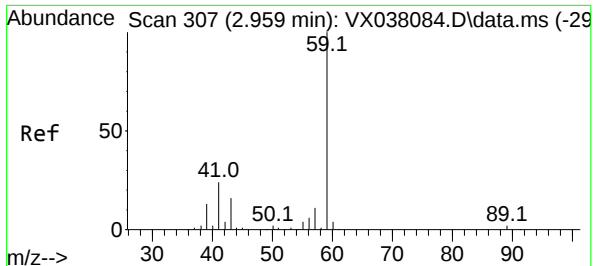
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#10
Methyl Iodide
Concen: 50.600 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:142 Resp: 92853
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 250.567 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 120620

Ion Ratio Lower Upper

59 100

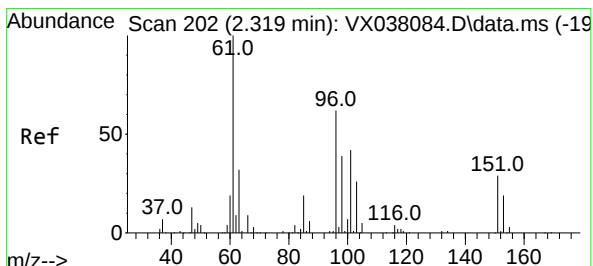
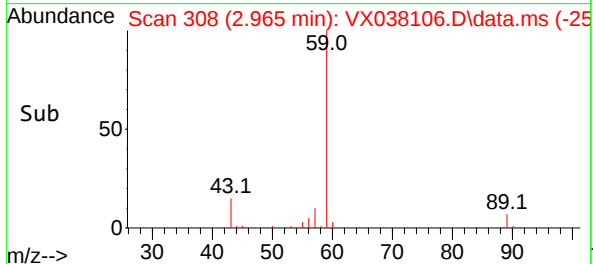
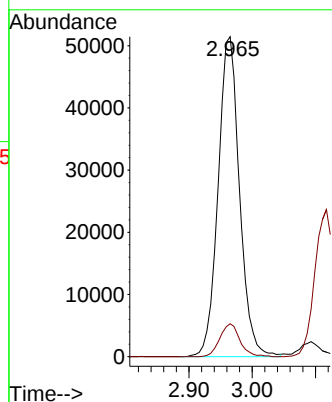
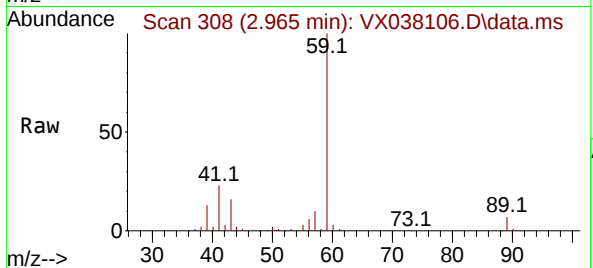
57 9.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#12

1,1-Dichloroethene

Concen: 51.150 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

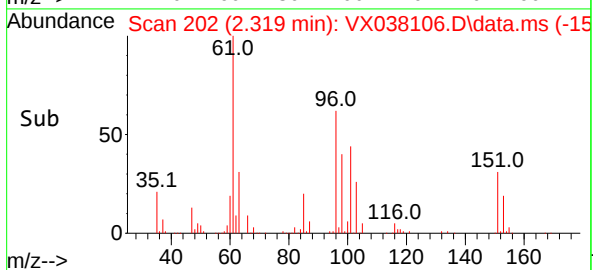
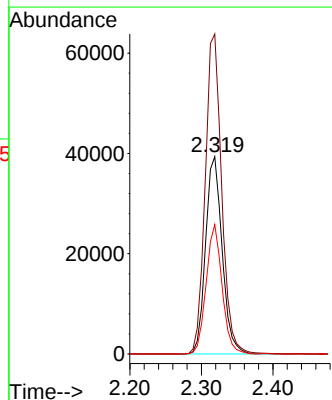
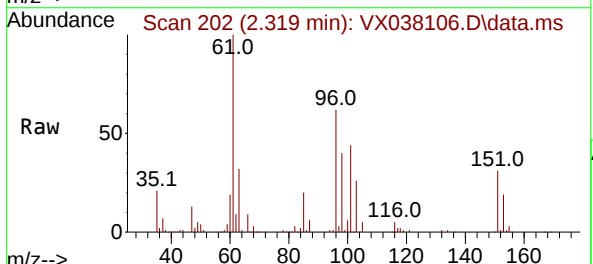
Tgt Ion: 96 Resp: 63456

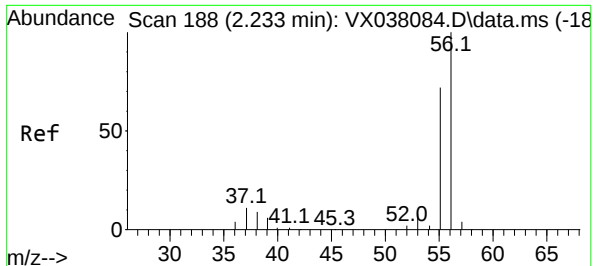
Ion Ratio Lower Upper

96 100

61 162.2 144.6 216.8

98 65.7 50.4 75.6





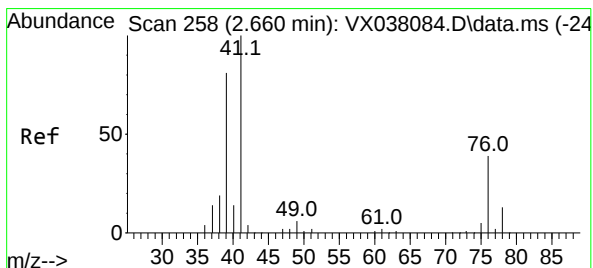
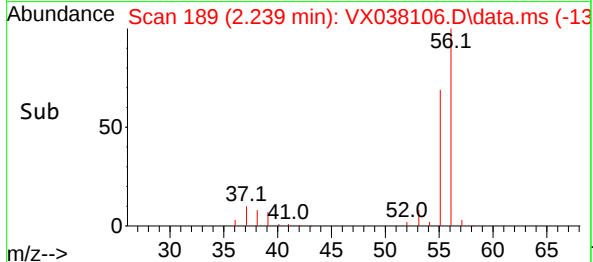
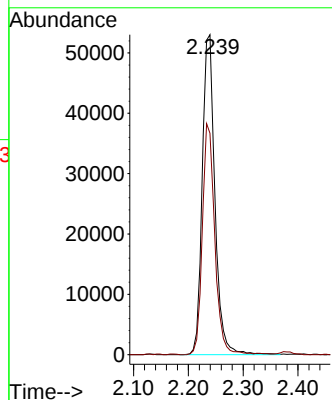
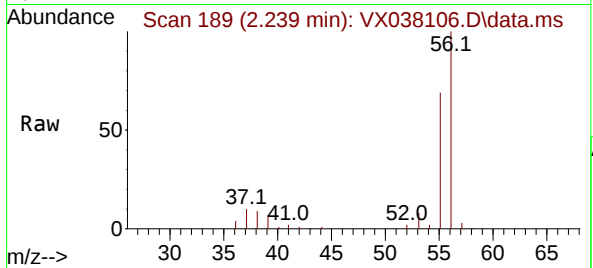
#13
Acrolein
Concen: 275.297 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8535
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

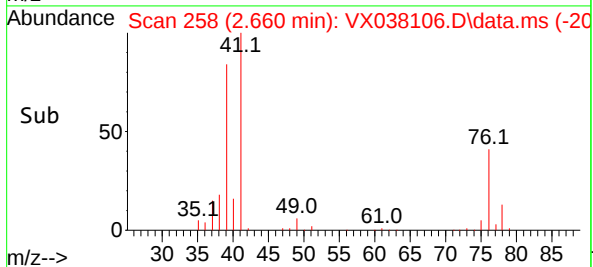
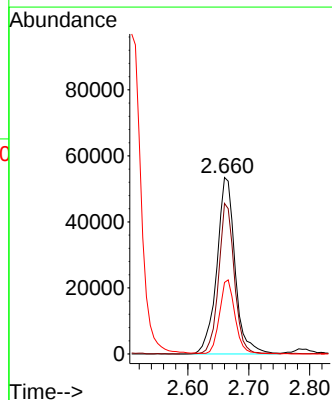
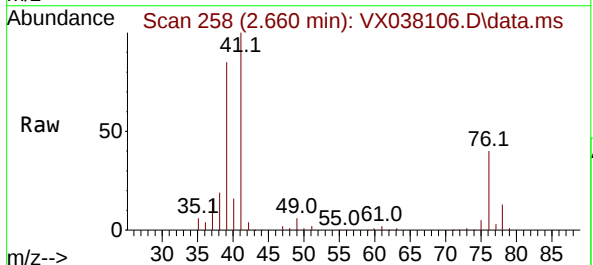
Manual Integrations
APPROVED

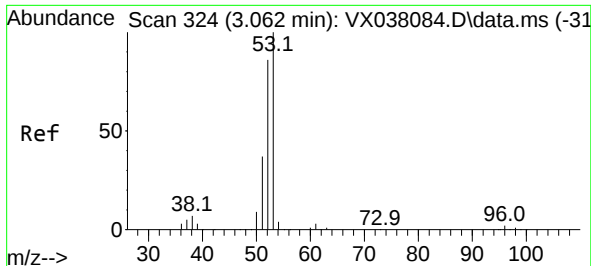
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#14
Allyl chloride
Concen: 50.309 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

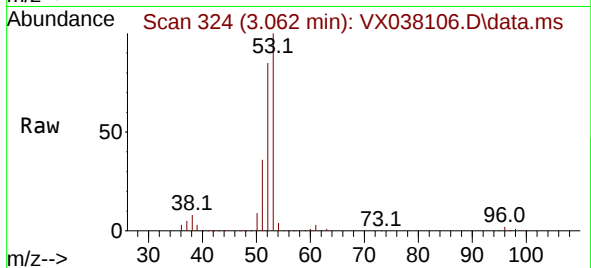
Tgt Ion: 41 Resp: 111636
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 35.7 24.3 36.5





#15
Acrylonitrile
Concen: 257.166 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

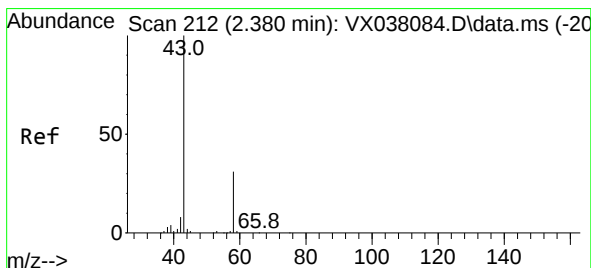
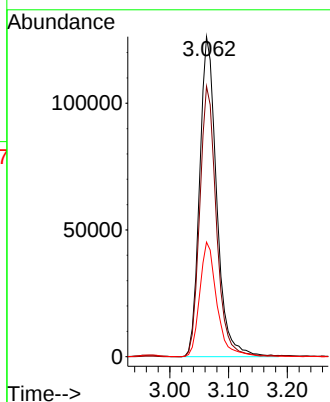
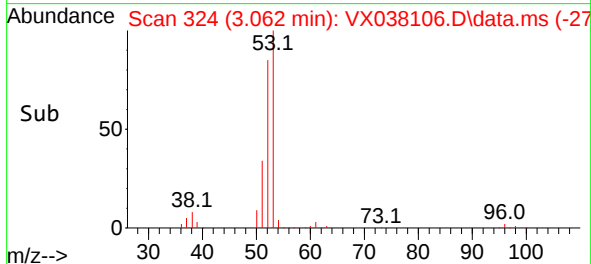
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 255240
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.3 29.8 44.6

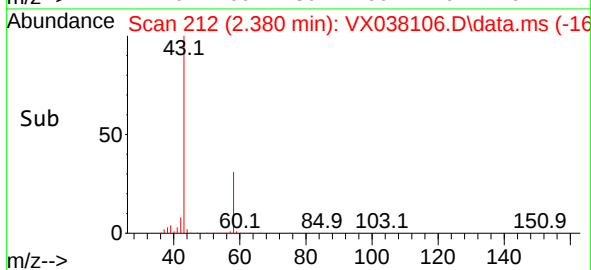
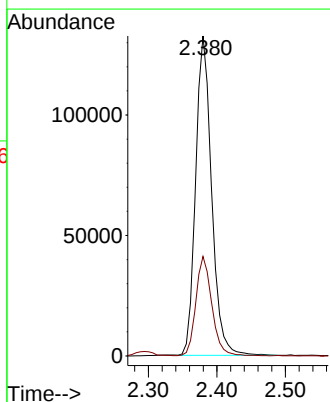
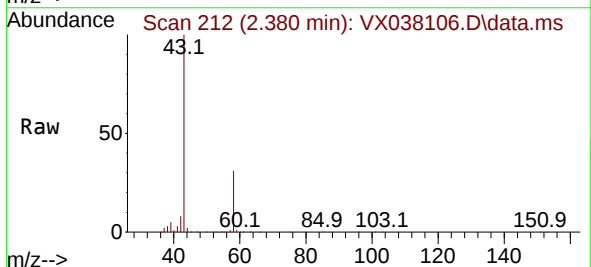
Manual Integrations
APPROVED

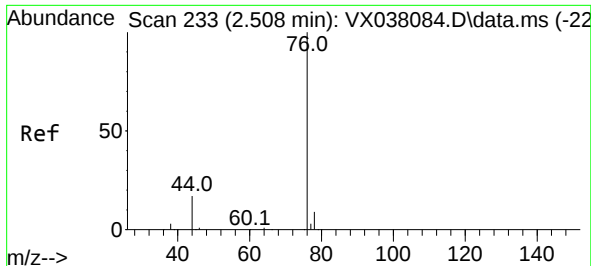
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#16
Acetone
Concen: 236.457 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 43 Resp: 215228
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17

Carbon Disulfide

Concen: 46.767 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 167218

Ion Ratio Lower Upper

76 100

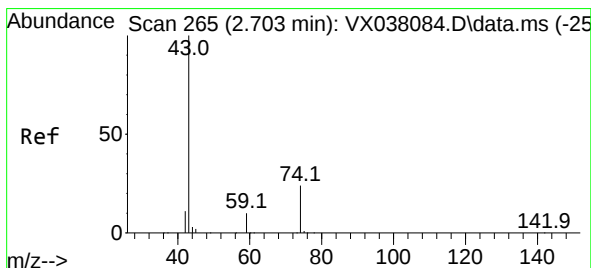
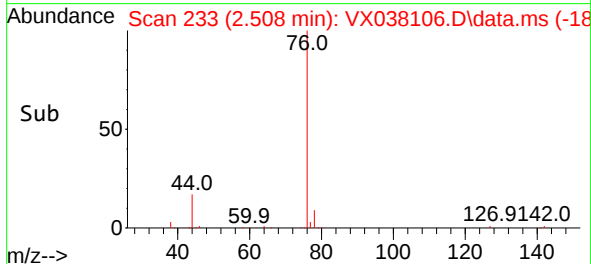
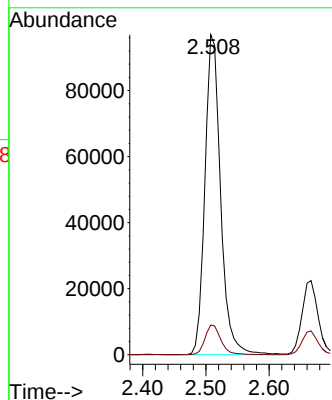
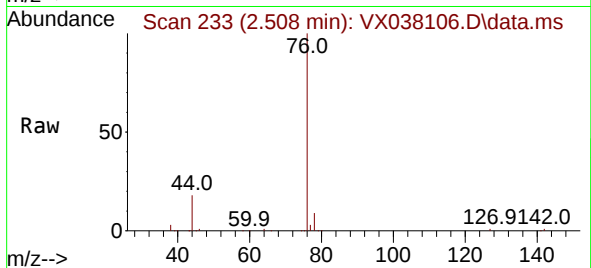
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#18

Methyl Acetate

Concen: 51.843 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038106.D

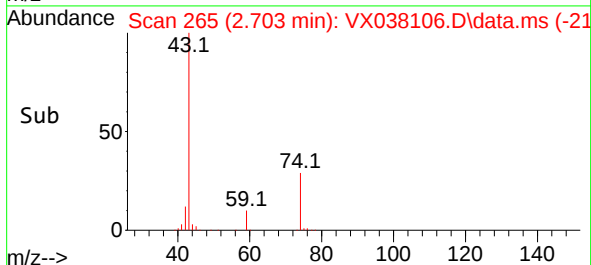
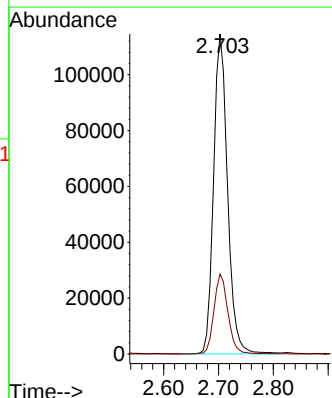
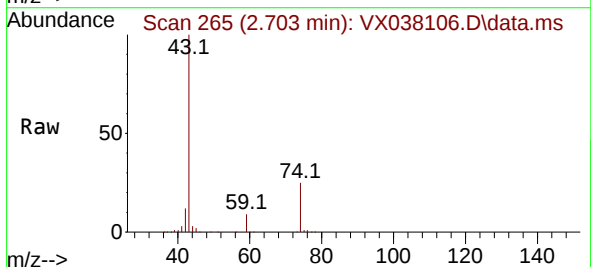
Acq: 05 Oct 2023 17:17

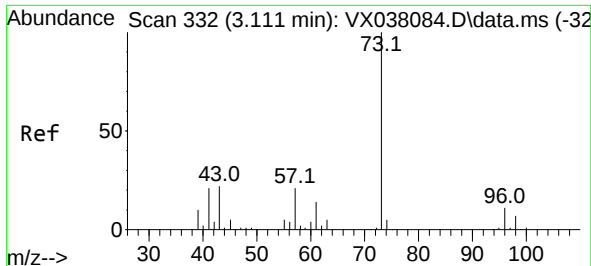
Tgt Ion: 43 Resp: 202363

Ion Ratio Lower Upper

43 100

74 25.0 17.8 26.8





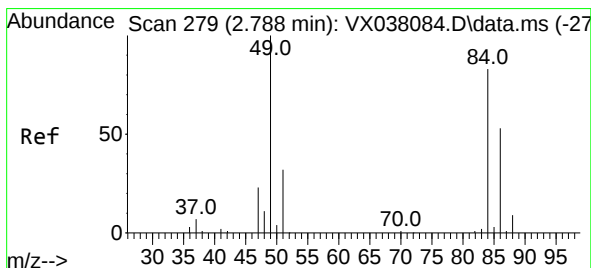
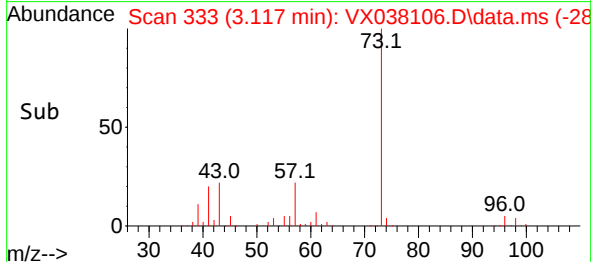
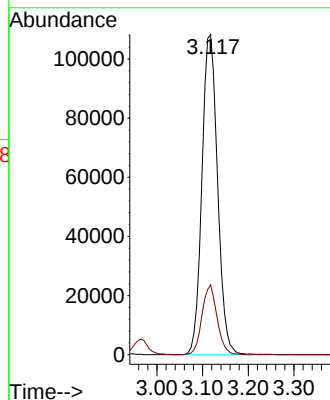
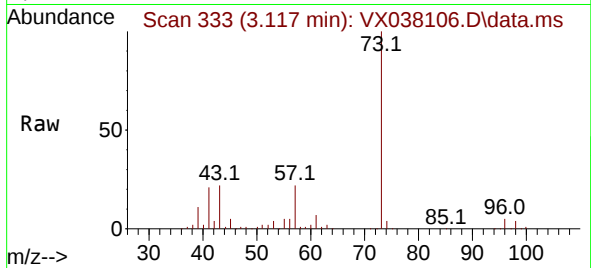
#19
Methyl tert-butyl Ether
Concen: 51.948 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 25666
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

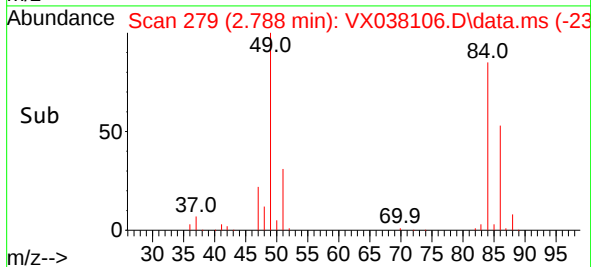
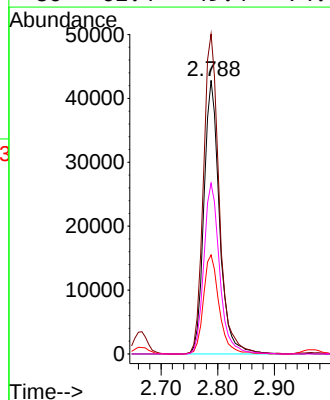
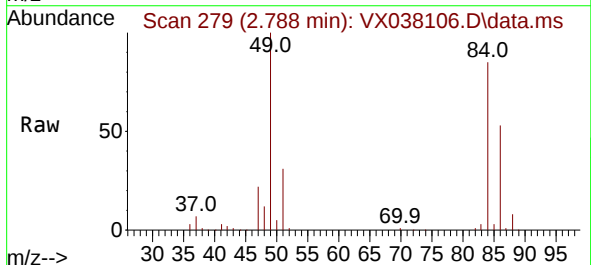
Manual Integrations
APPROVED

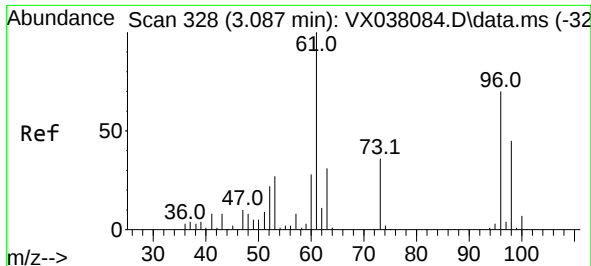
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#20
Methylene Chloride
Concen: 47.583 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

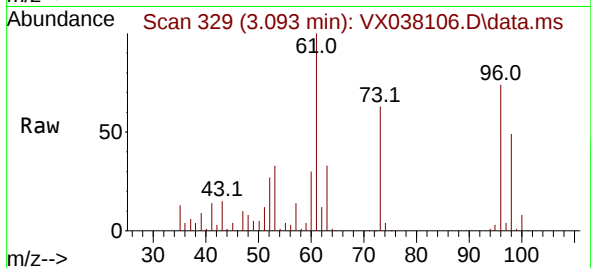
Tgt Ion: 84 Resp: 81467
Ion Ratio Lower Upper
84 100
49 117.0 103.6 155.4
51 36.2 33.8 50.6
86 62.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.892 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

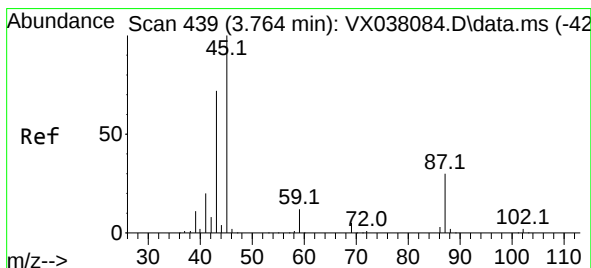
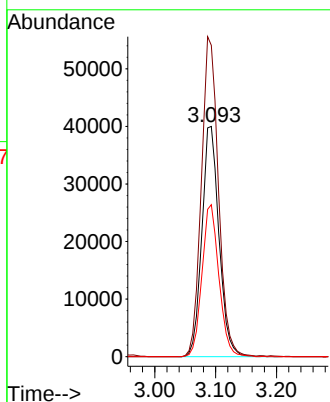
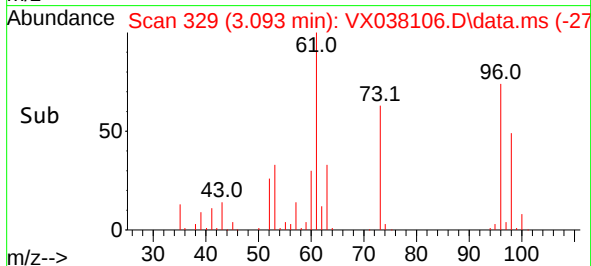
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 7817
Ion Ratio Lower Upper
96 100
61 135.2 119.2 178.8
98 66.0 48.7 73.1

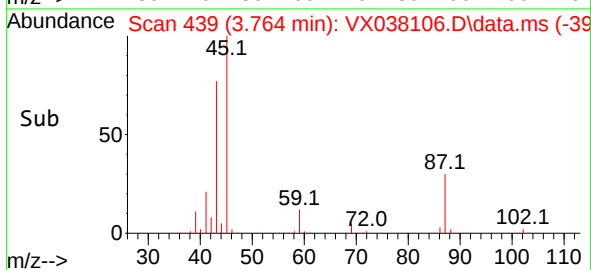
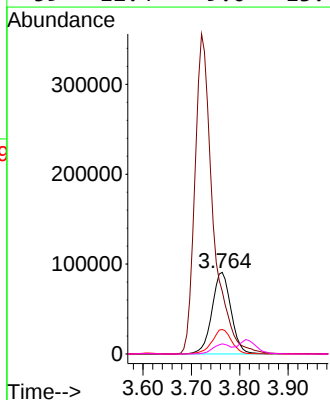
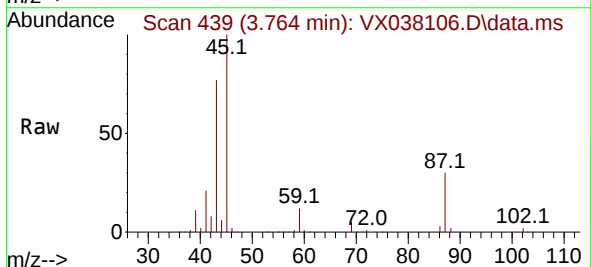
Manual Integrations
APPROVED

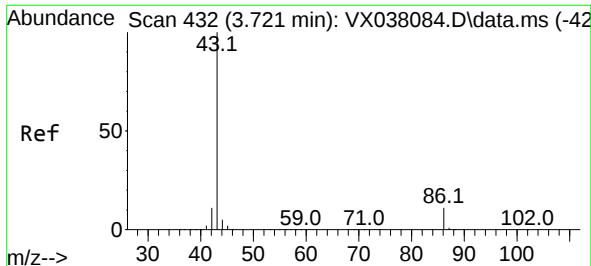
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#22
Diisopropyl ether
Concen: 53.478 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 45 Resp: 248708
Ion Ratio Lower Upper
45 100
43 76.8 69.7 104.5
87 30.1 20.8 31.2
59 12.4 9.0 13.4





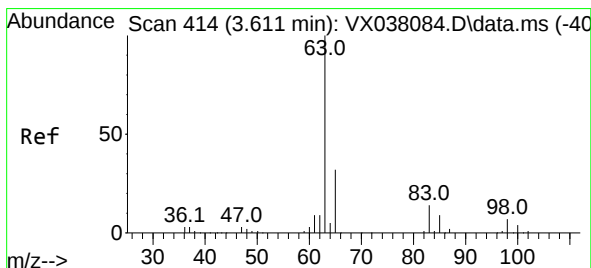
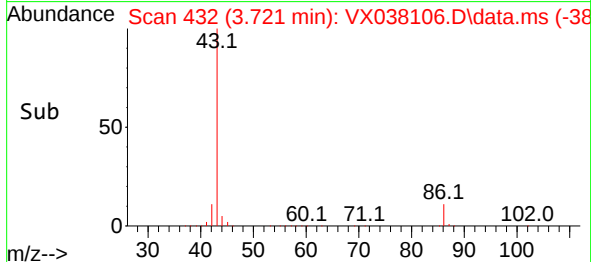
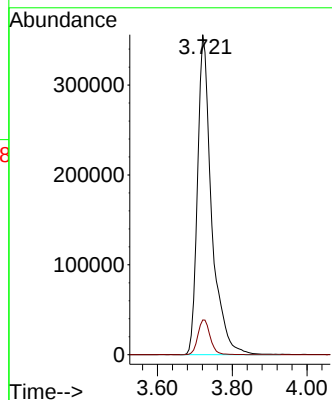
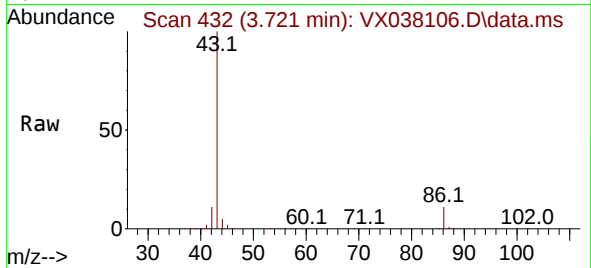
#23
 Vinyl Acetate
 Concen: 272.242 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 928490
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

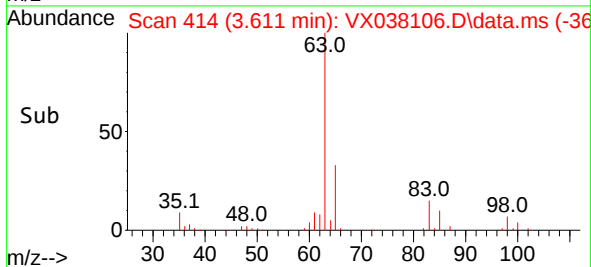
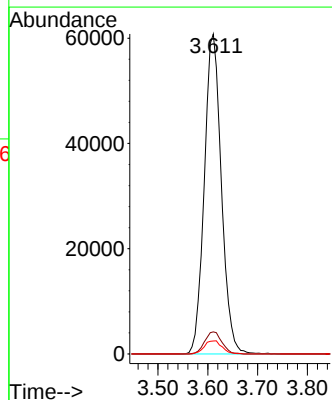
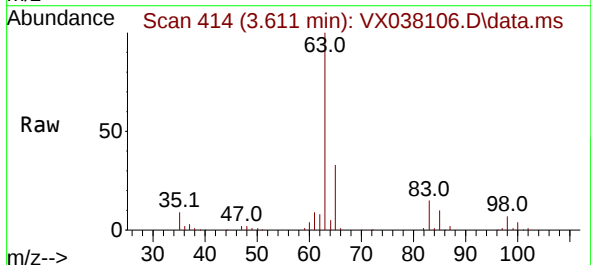
Manual Integrations
 APPROVED

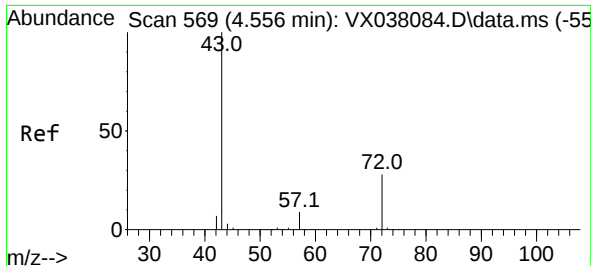
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#24
 1,1-Dichloroethane
 Concen: 51.204 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Tgt Ion: 63 Resp: 144517
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 255.853 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 37575

Ion Ratio Lower Upper

43 100

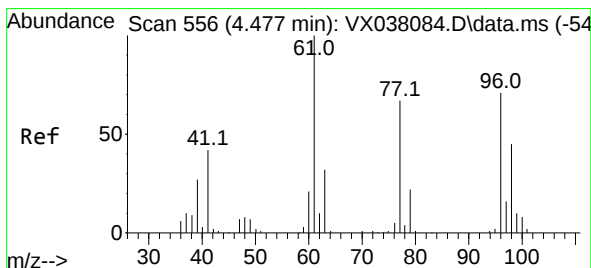
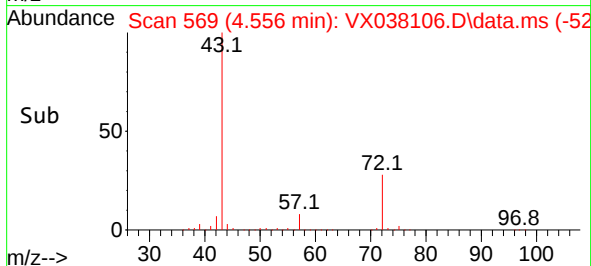
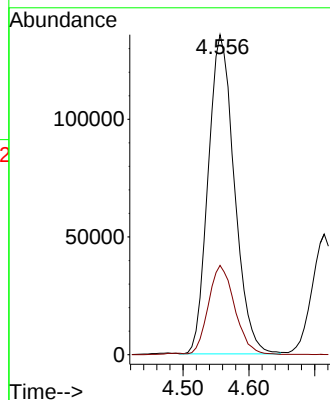
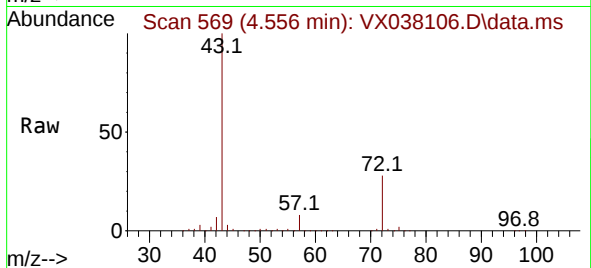
72 27.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#26

2,2-Dichloropropane

Concen: 50.776 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038106.D

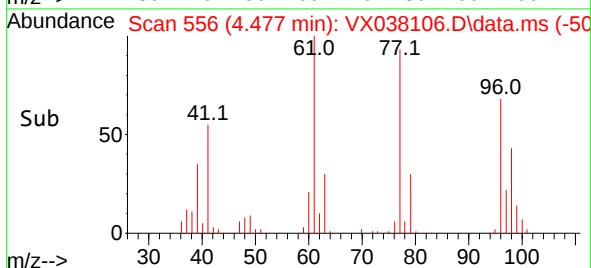
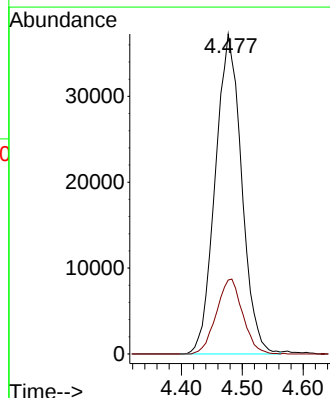
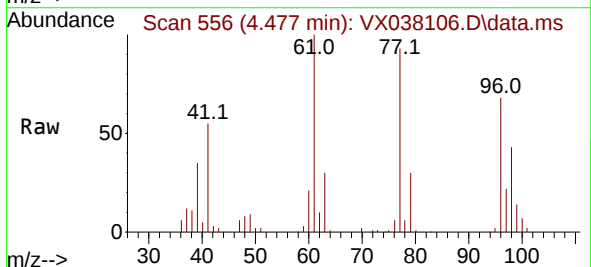
Acq: 05 Oct 2023 17:17

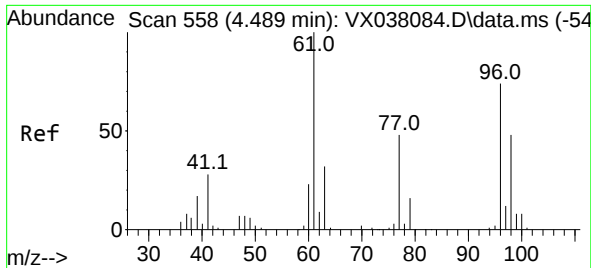
Tgt Ion: 77 Resp: 111887

Ion Ratio Lower Upper

77 100

97 23.3 10.8 32.3





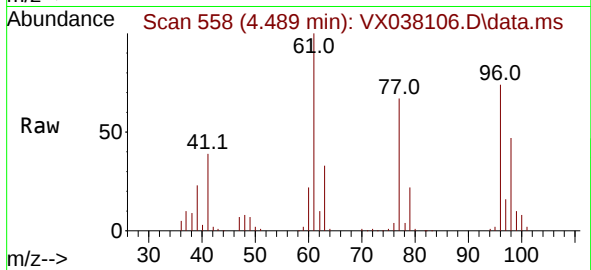
#27
 cis-1,2-Dichloroethene
 Concen: 52.002 ug/l
 RT: 4.489 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



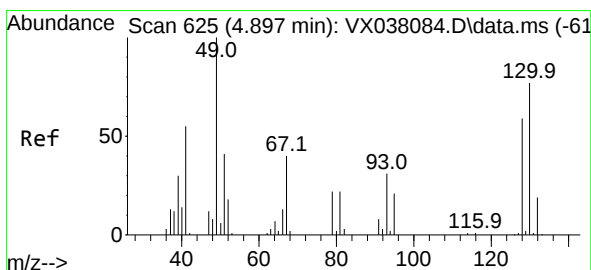
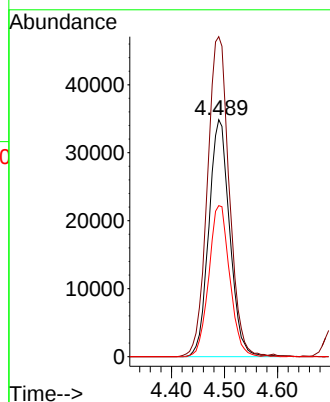
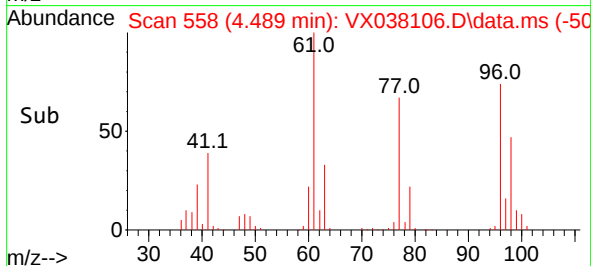
Tgt Ion: 96 Resp: 9513
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 312.2
 98 63.9 0.0 129.0

Manual Integrations

APPROVED

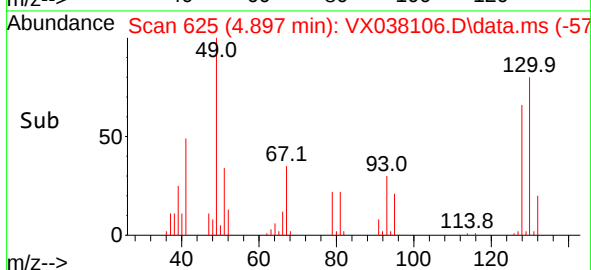
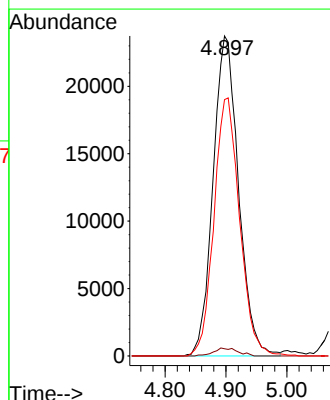
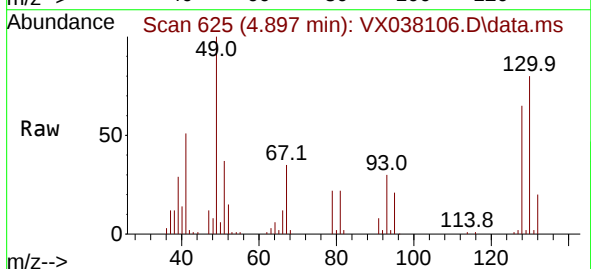
Reviewed By :John Carlone 10/06/2023

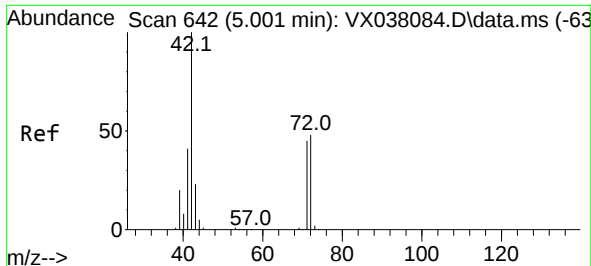
Supervised By :Mahesh Dadoda 10/06/2023



#28
 Bromochloromethane
 Concen: 54.220 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Tgt Ion: 49 Resp: 69081
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 81.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 260.703 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 249275

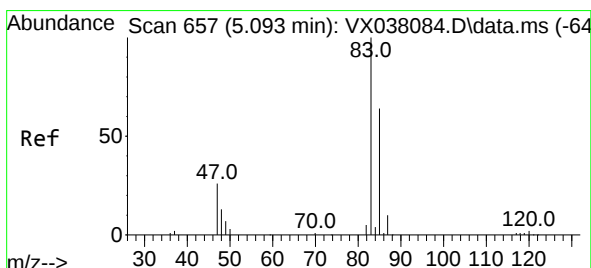
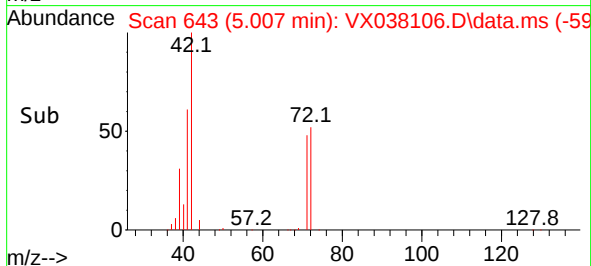
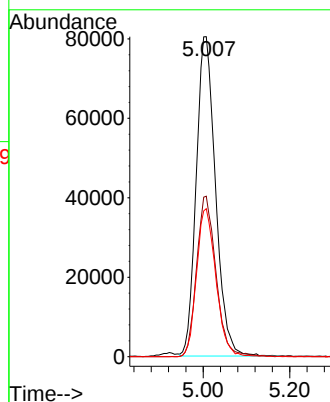
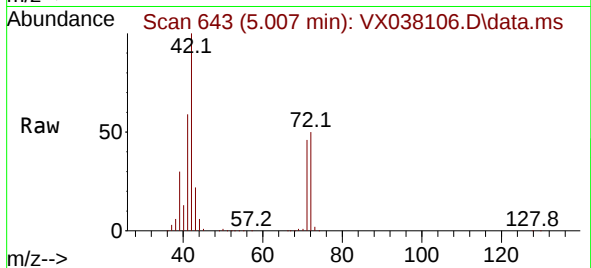
Ion	Ratio	Lower	Upper
42	100		
72	50.3	34.2	51.4
71	46.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#30

Chloroform

Concen: 54.186 ug/l

RT: 5.093 min Scan# 657

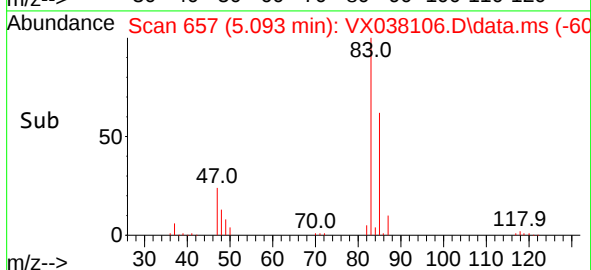
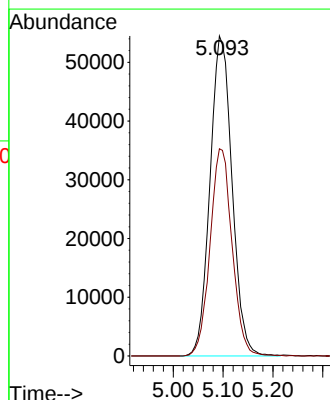
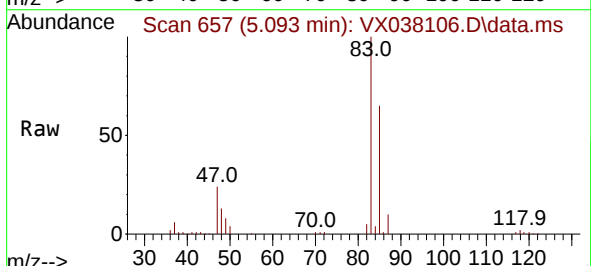
Delta R.T. -0.000 min

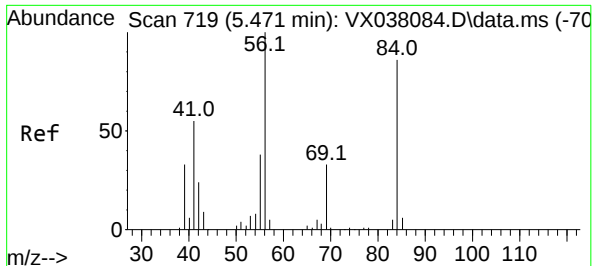
Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion: 83 Resp: 167237

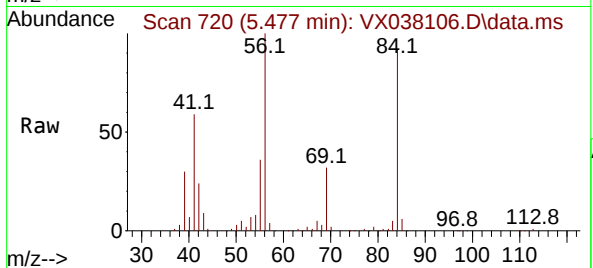
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5





#31
Cyclohexane
Concen: 52.293 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

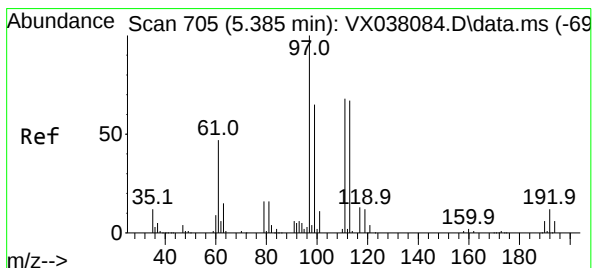
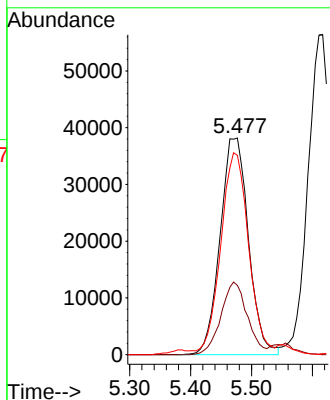
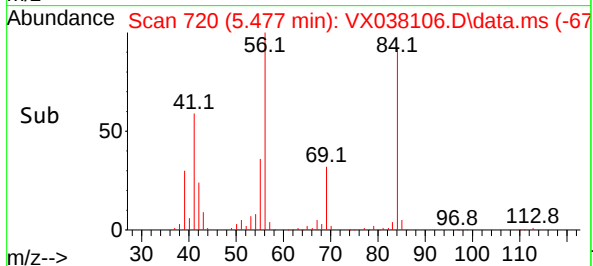
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 123564
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 89.8 65.9 98.9

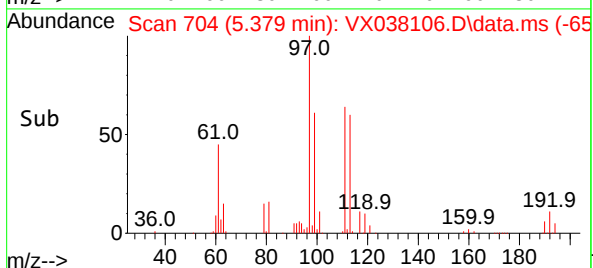
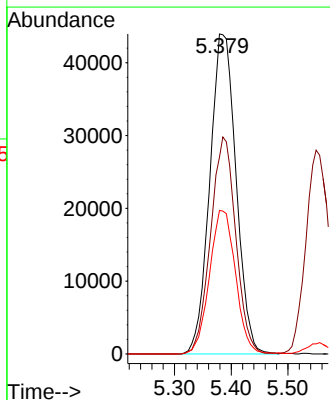
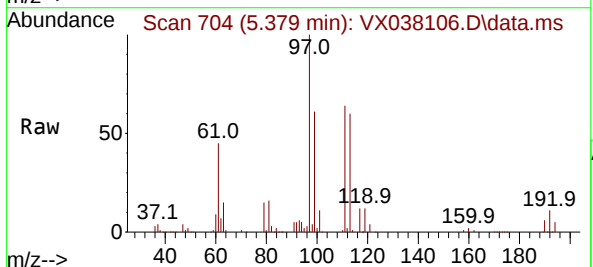
Manual Integrations
APPROVED

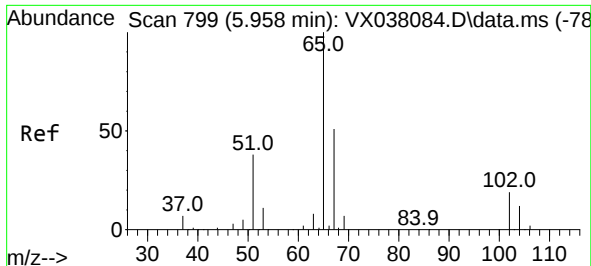
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#32
1,1,1-Trichloroethane
Concen: 53.529 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

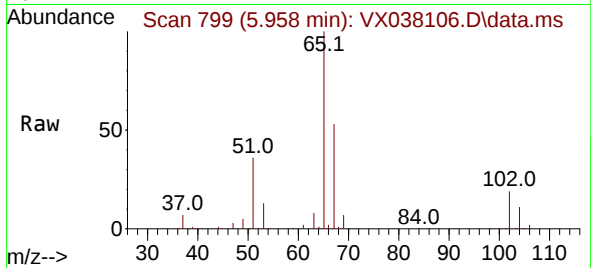
Tgt Ion: 97 Resp: 141507
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 44.5 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 50.815 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

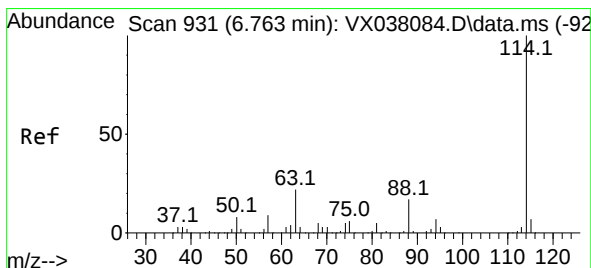
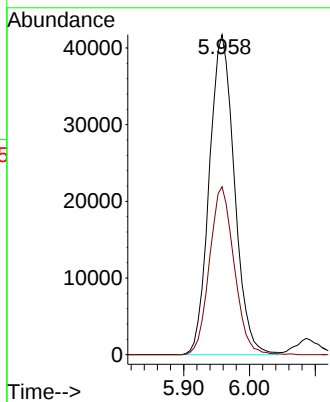
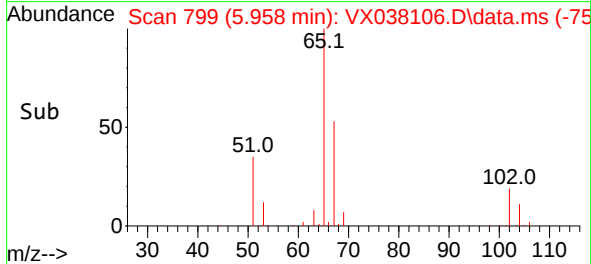
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 65 Resp: 110825
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2

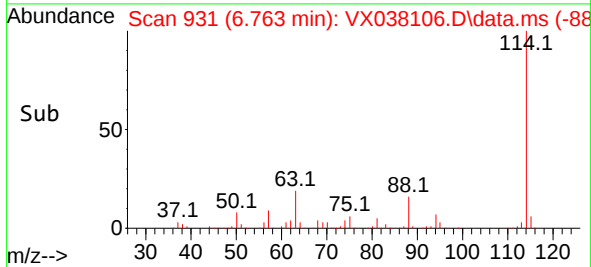
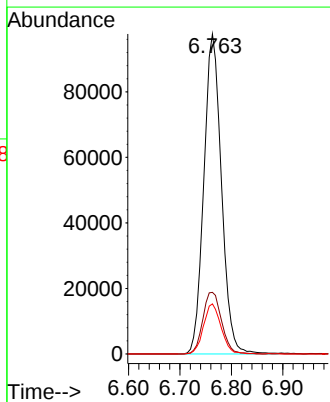
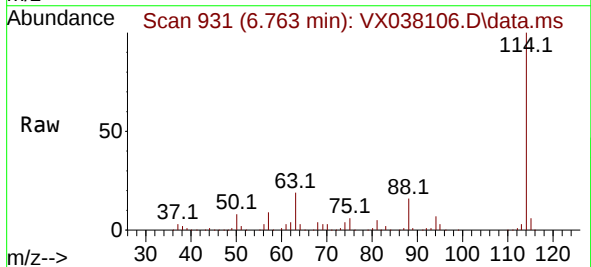
Manual Integrations
 APPROVED

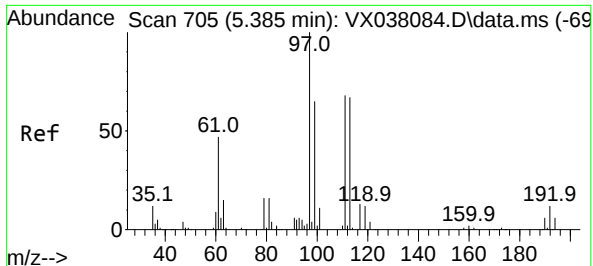
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Tgt Ion:114 Resp: 232184
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.0
 88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.698 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

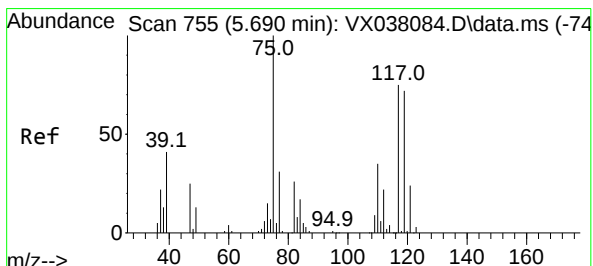
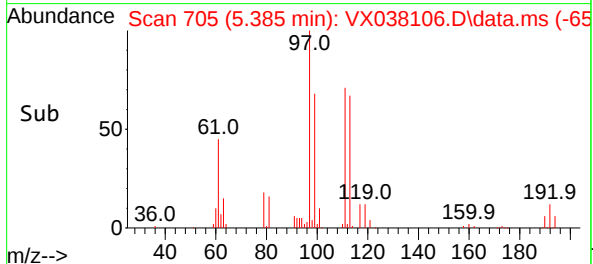
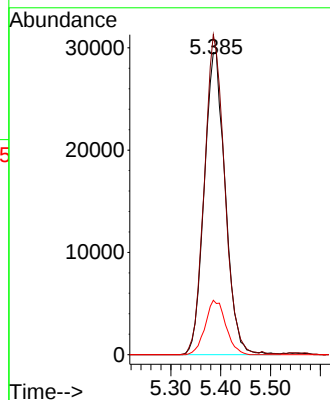
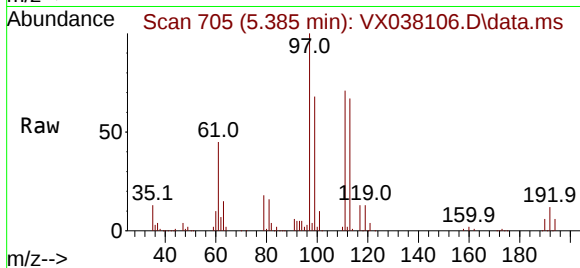
Tgt Ion:	113	Resp:	8649
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	17.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#36

1,1-Dichloropropene

Concen: 51.250 ug/l

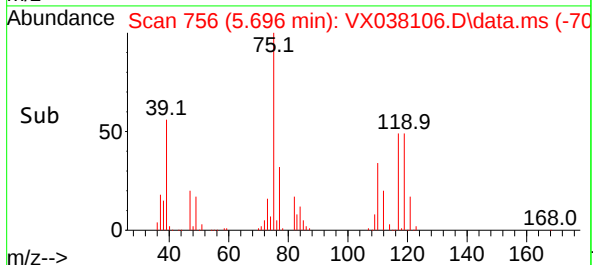
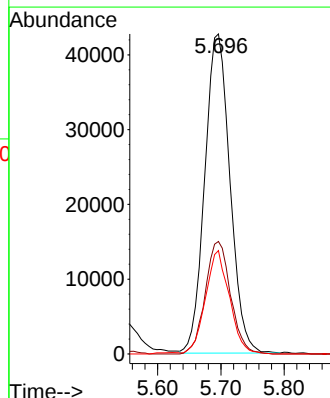
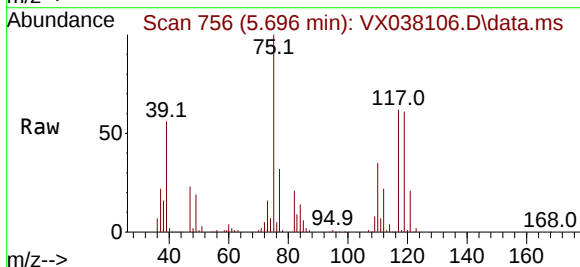
RT: 5.696 min Scan# 756

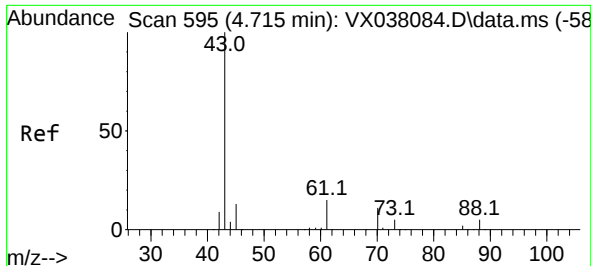
Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion:	75	Resp:	118237
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.0	50.9
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 52.704 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 14440

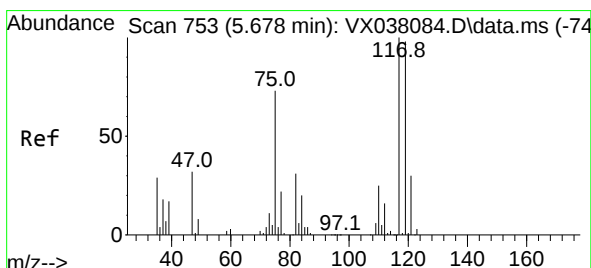
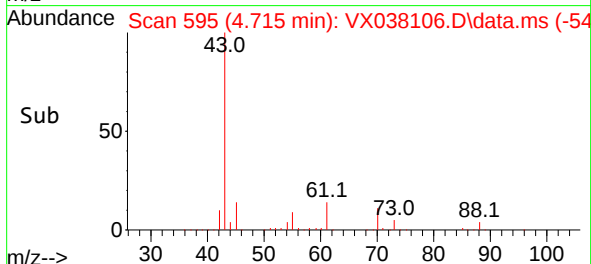
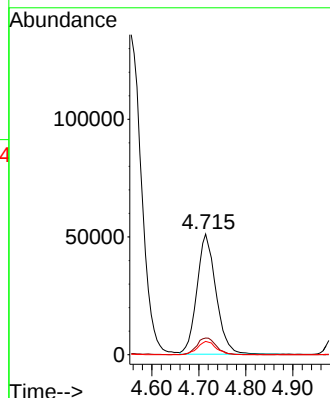
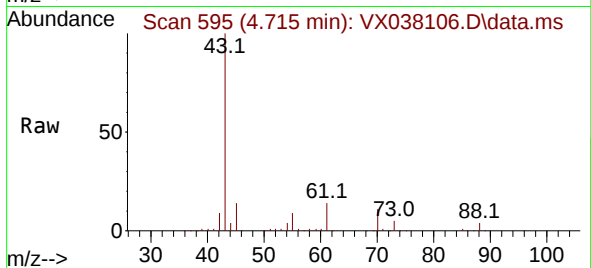
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	10.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#38

Carbon Tetrachloride

Concen: 52.876 ug/l

RT: 5.678 min Scan# 753

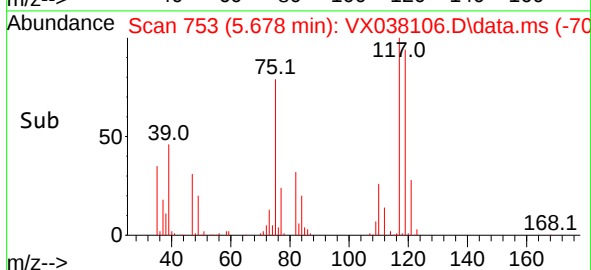
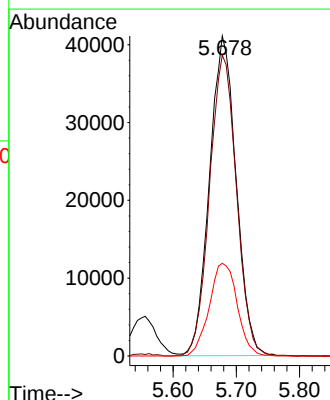
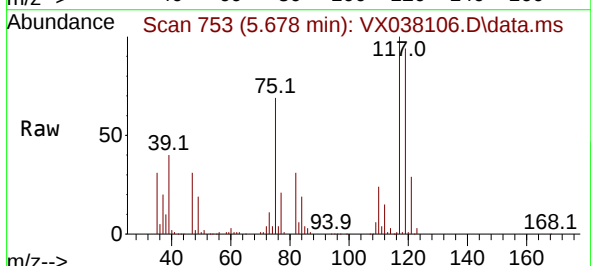
Delta R.T. -0.000 min

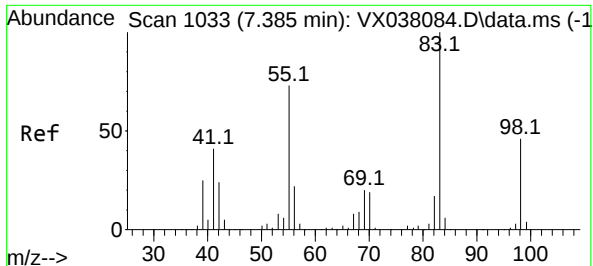
Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion:117 Resp: 120006

Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.2
121	29.0	24.4	36.6





#39

Methylcyclohexane

Concen: 51.779 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 139924

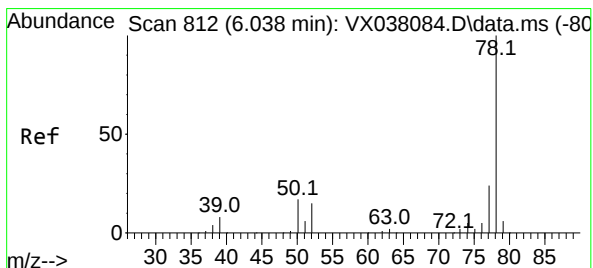
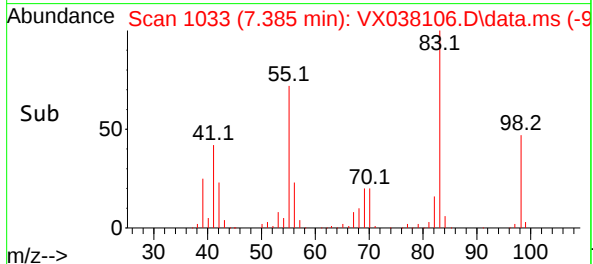
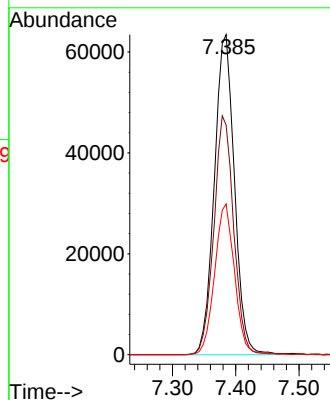
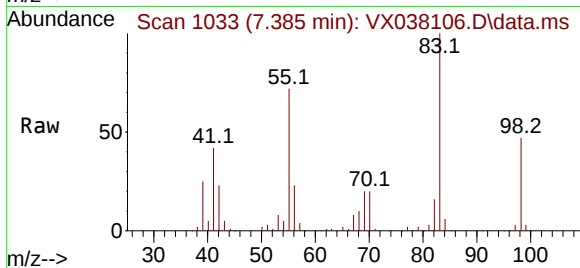
Ion	Ratio	Lower	Upper
83	100		
55	71.8	64.6	97.0
98	47.1	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#40

Benzene

Concen: 53.736 ug/l

RT: 6.037 min Scan# 812

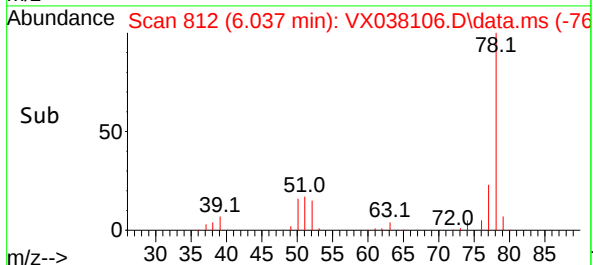
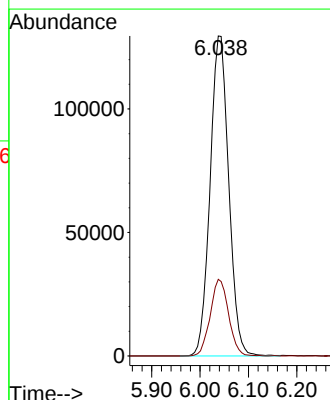
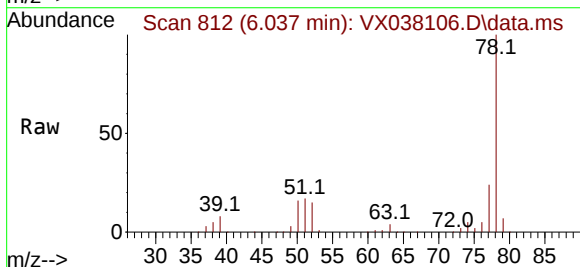
Delta R.T. -0.001 min

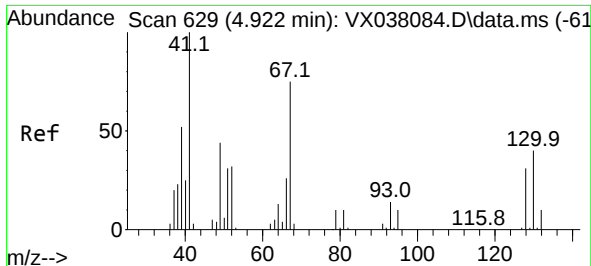
Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion: 78 Resp: 346746

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9





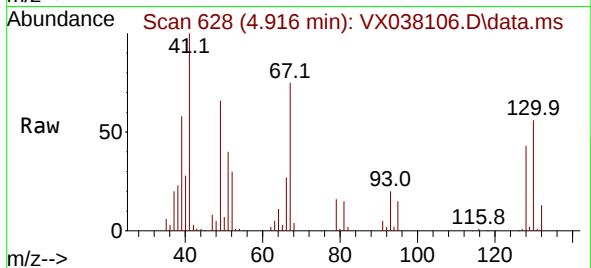
#41
Methacrylonitrile
Concen: 52.968 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



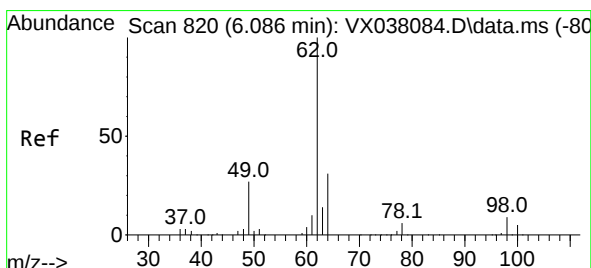
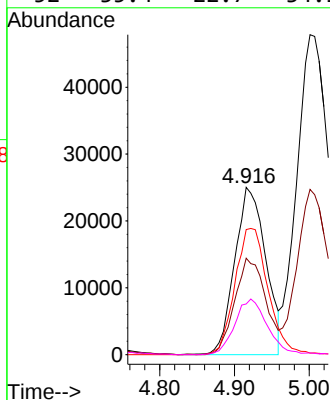
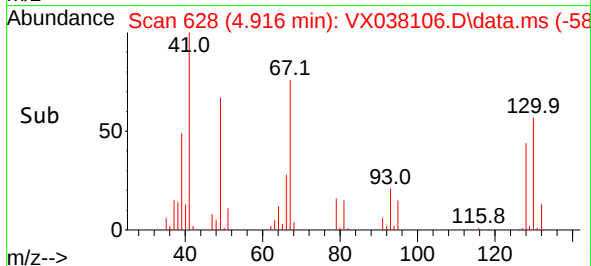
Tgt Ion: 41 Resp: 7219
Ion Ratio Lower Upper
41 100
39 57.6 45.2 67.8
67 80.6 52.6 78.8
52 35.4 22.7 34.1#

Manual Integrations

APPROVED

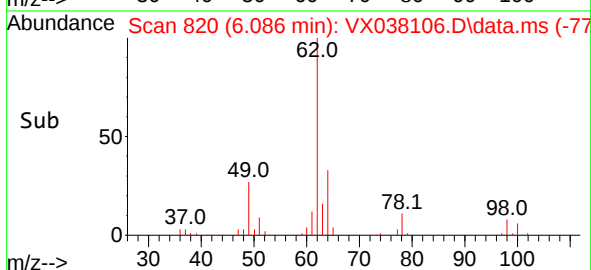
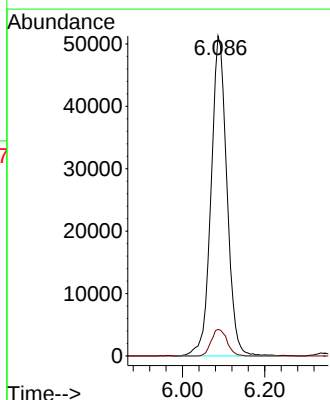
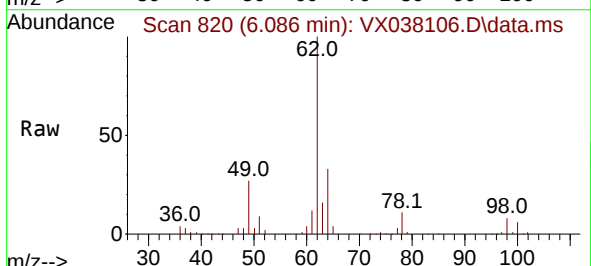
Reviewed By :John Carlone 10/06/2023

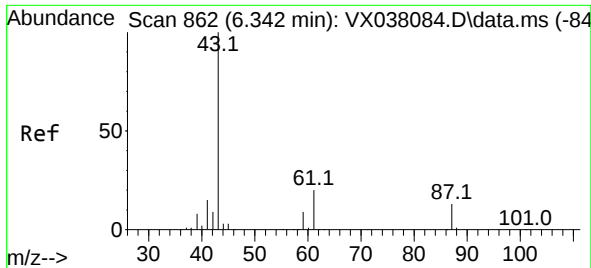
Supervised By :Mahesh Dadoda 10/06/2023



#42
1,2-Dichloroethane
Concen: 53.278 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

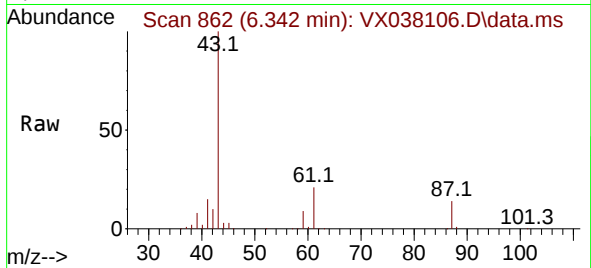
Tgt Ion: 62 Resp: 137358
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.054 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

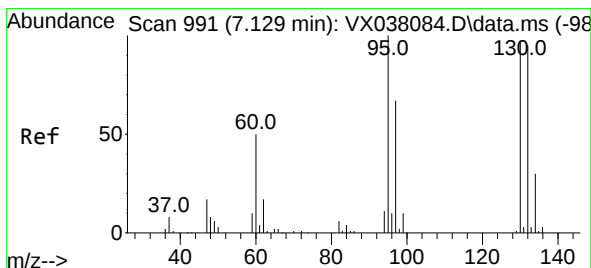
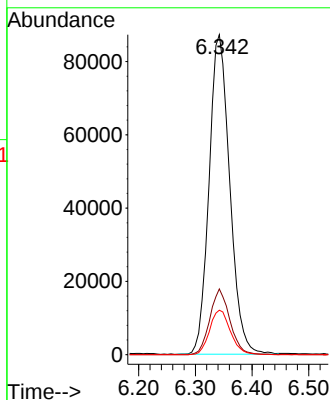
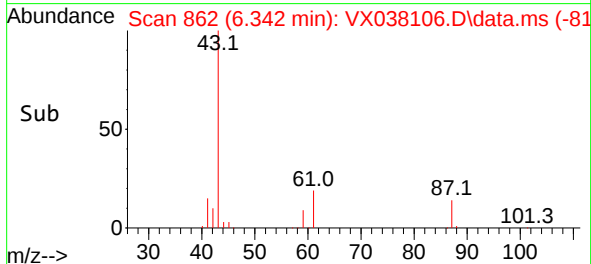
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



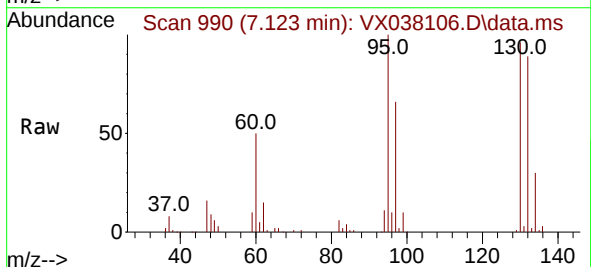
Tgt Ion: 43 Resp: 22109
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 14.0 9.8 14.6

Manual Integrations
APPROVED

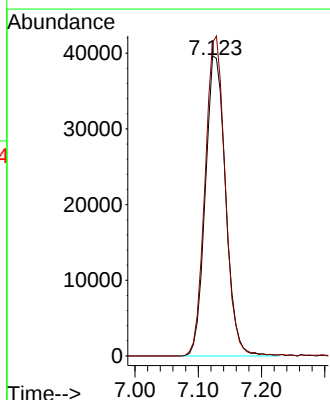
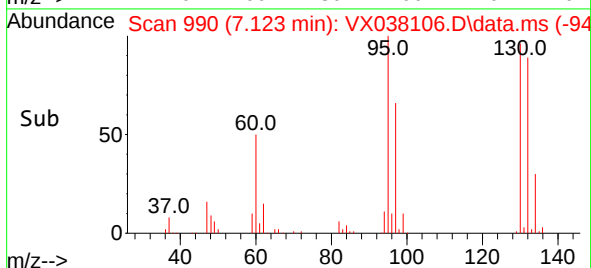
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

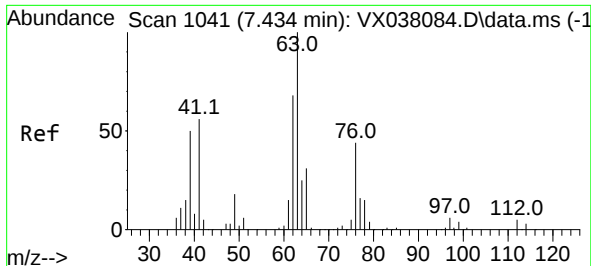


#44
Trichloroethene
Concen: 52.488 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



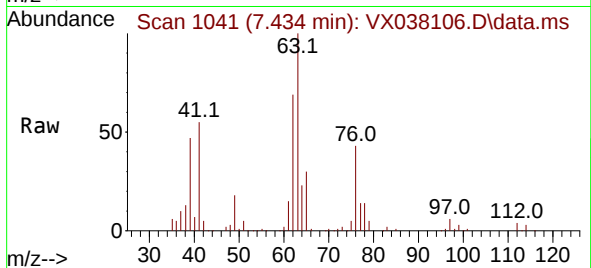
Tgt Ion:130 Resp: 88585
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.4





#45
1,2-Dichloropropane
Concen: 53.756 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

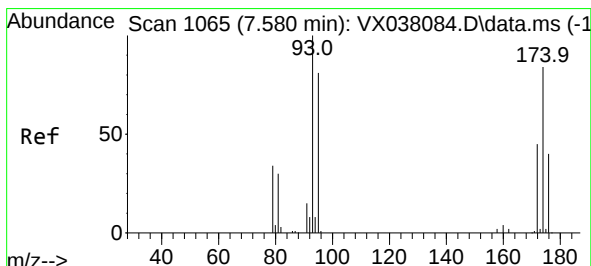
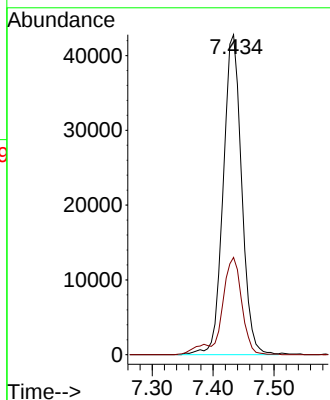
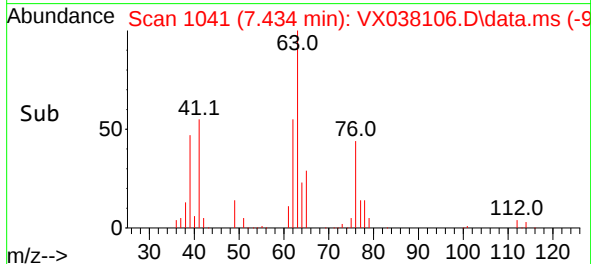
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 89778
Ion Ratio Lower Upper
63 100
65 30.3 24.3 36.5

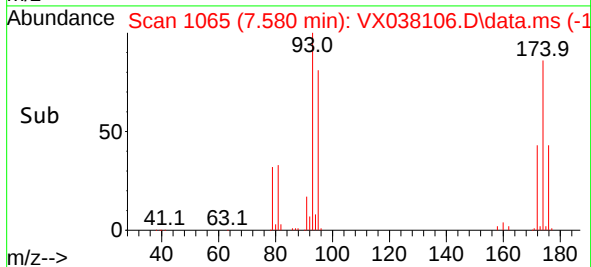
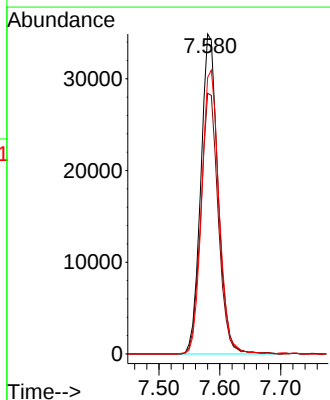
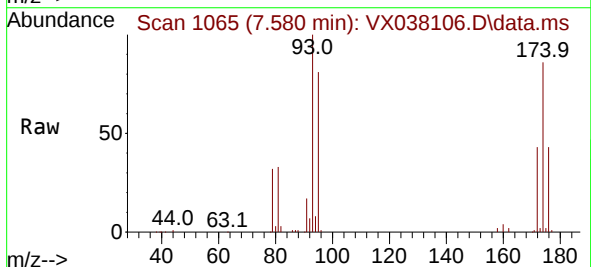
Manual Integrations
APPROVED

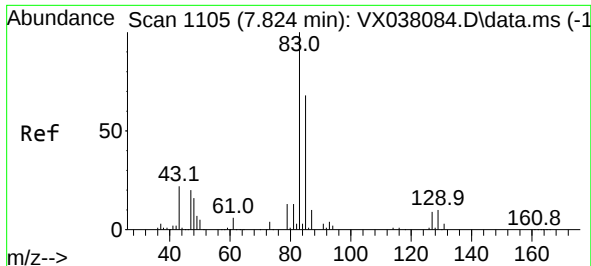
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#46
Dibromomethane
Concen: 53.126 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

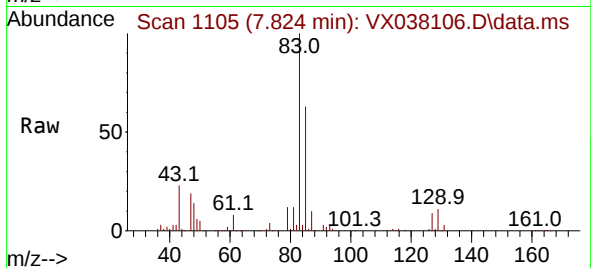
Tgt Ion: 93 Resp: 68815
Ion Ratio Lower Upper
93 100
95 82.3 66.6 100.0
174 89.2 69.4 104.0





#47
Bromodichloromethane
Concen: 54.844 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

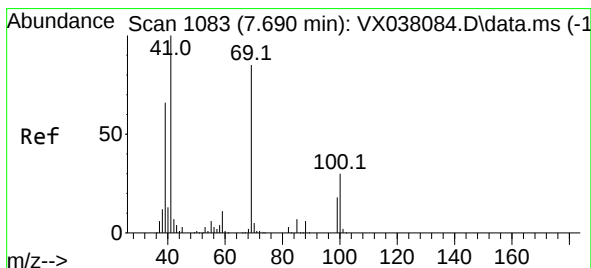
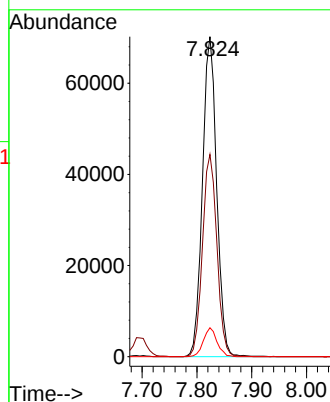
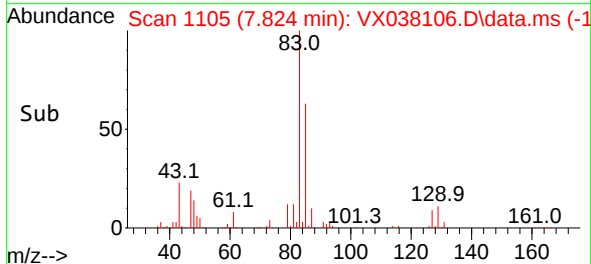
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126378
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 9.1 7.1 10.7

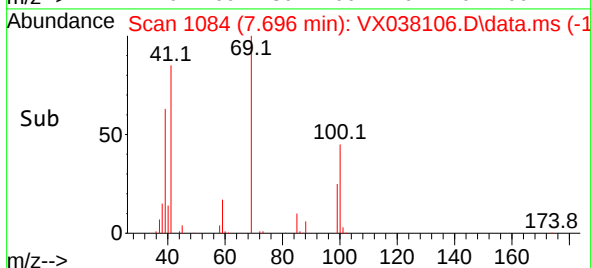
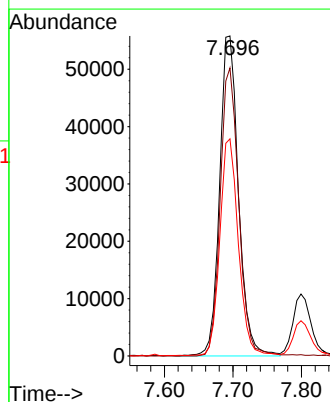
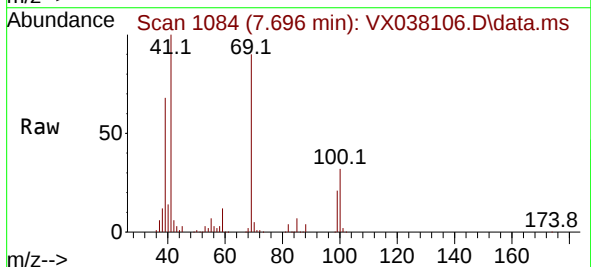
Manual Integrations
APPROVED

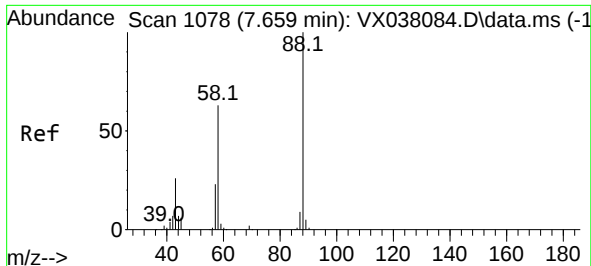
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#48
Methyl methacrylate
Concen: 54.490 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 41 Resp: 106401
Ion Ratio Lower Upper
41 100
69 88.7 59.2 88.8
39 66.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1027.292 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4943

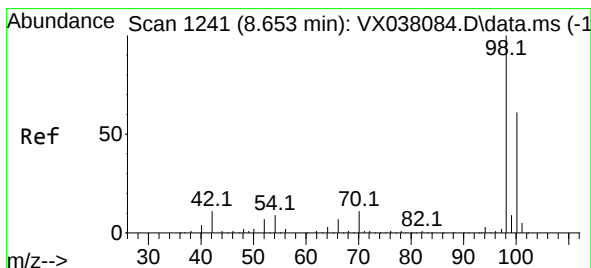
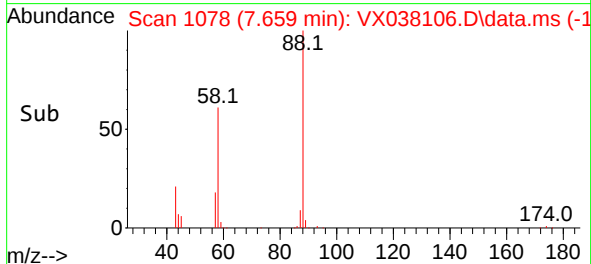
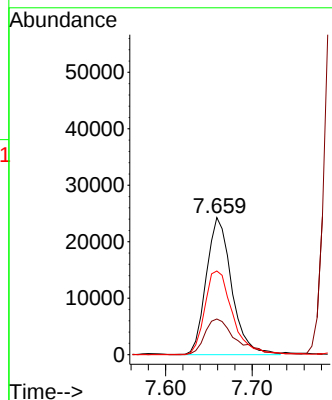
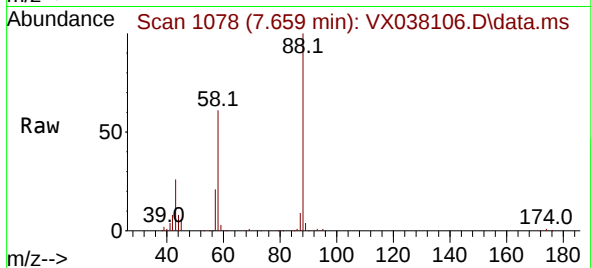
Ion	Ratio	Lower	Upper
88	100		
43	31.3	0.0	0.0
58	66.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#50

Toluene-d8

Concen: 51.950 ug/l

RT: 8.653 min Scan# 1241

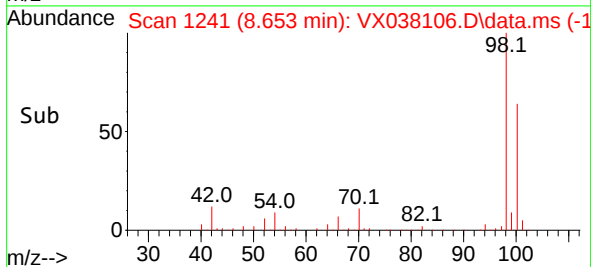
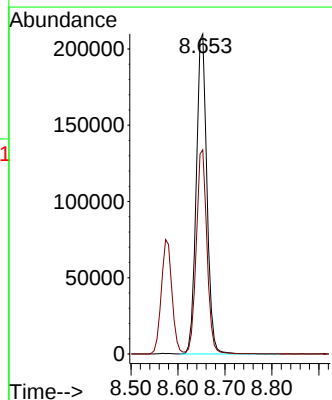
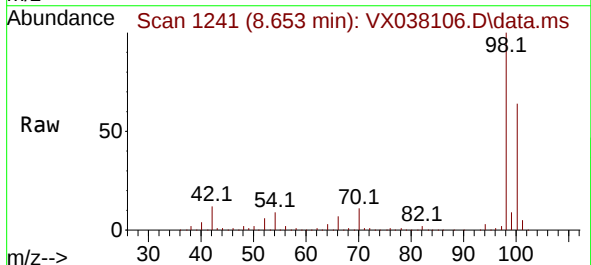
Delta R.T. -0.000 min

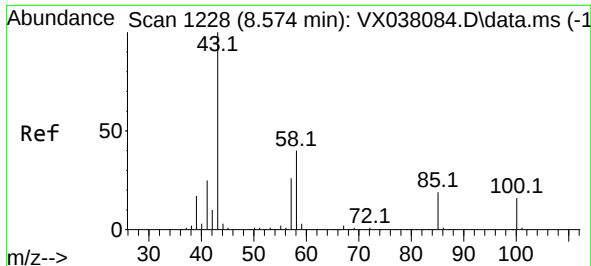
Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion: 98 Resp: 332123

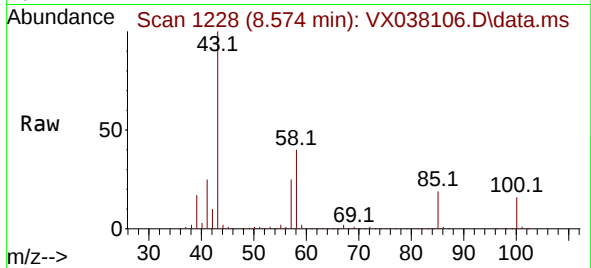
Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 269.188 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

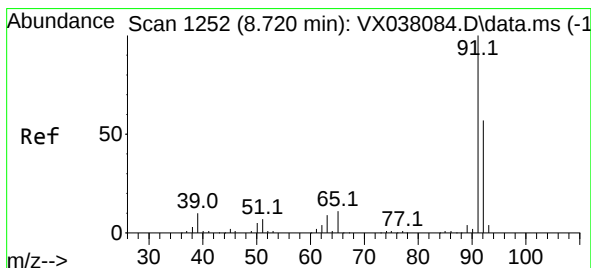
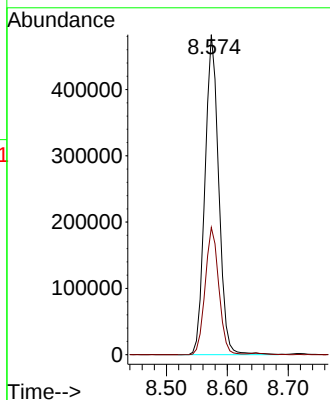
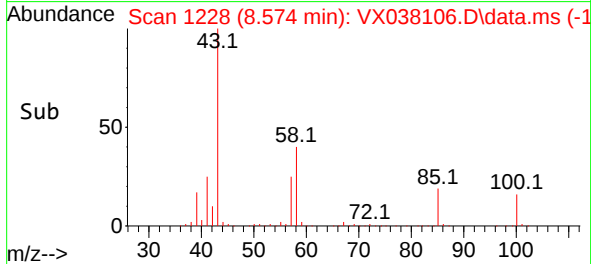
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 75947
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

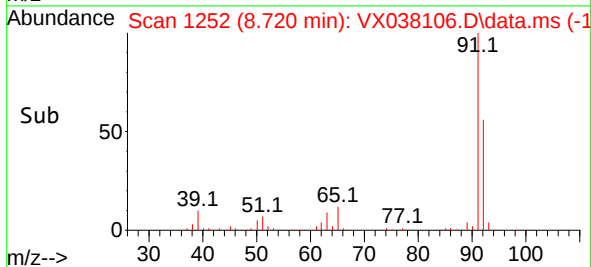
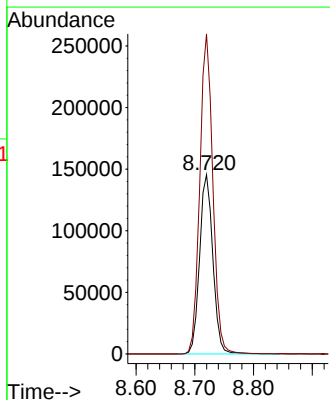
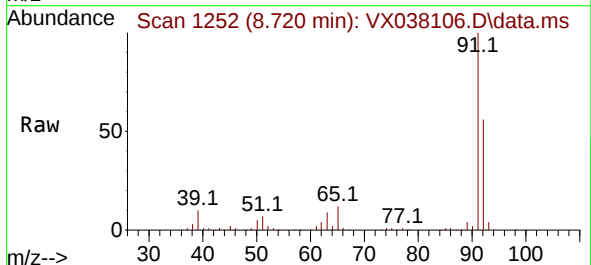
Manual Integrations
APPROVED

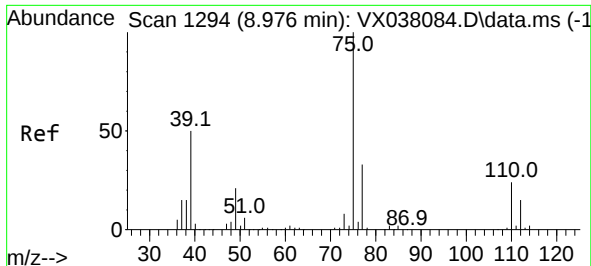
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#52
Toluene
Concen: 54.364 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 92 Resp: 228515
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.379 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 13945

Ion Ratio Lower Upper

75 100

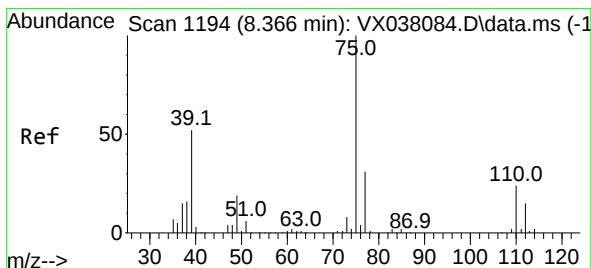
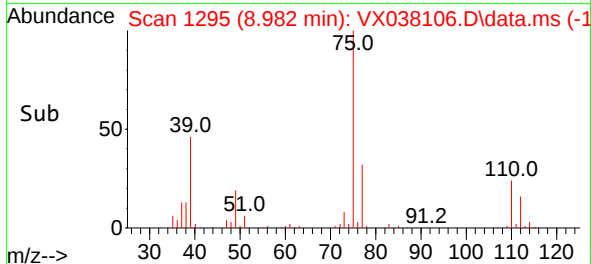
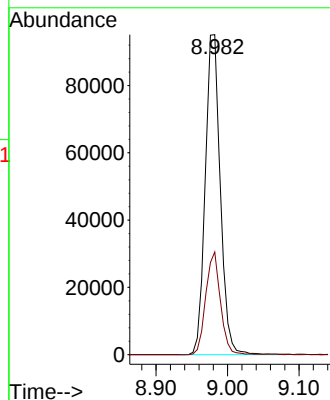
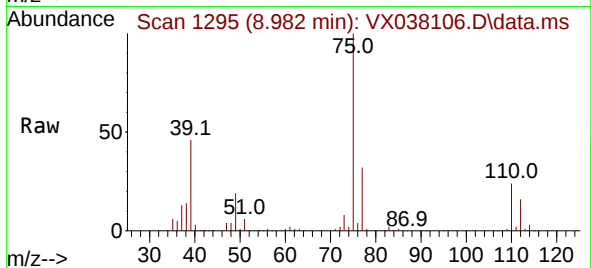
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#54

cis-1,3-Dichloropropene

Concen: 55.321 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

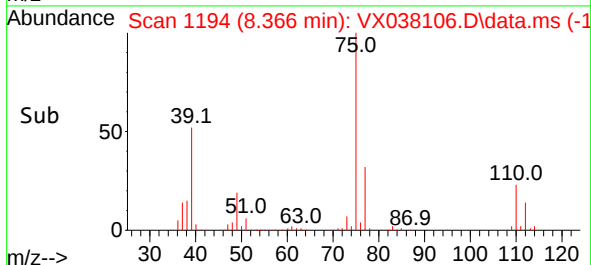
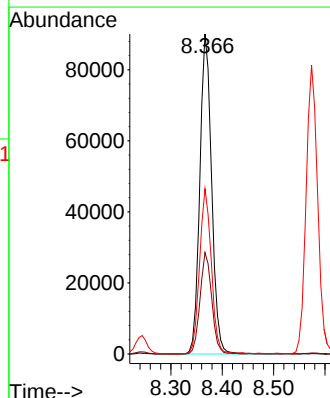
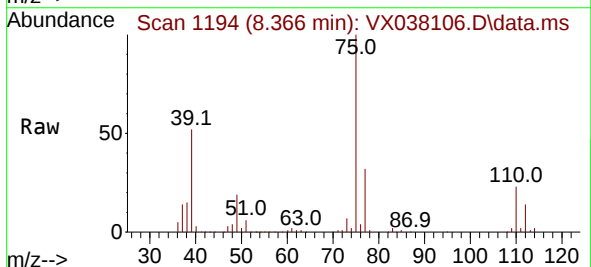
Tgt Ion: 75 Resp: 143763

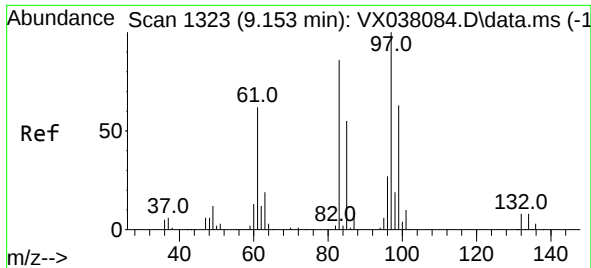
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 51.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.991 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

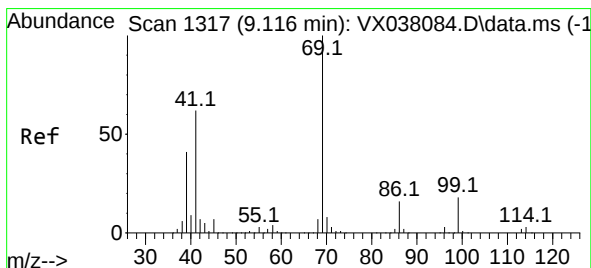
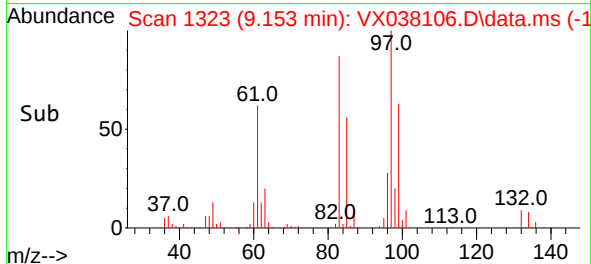
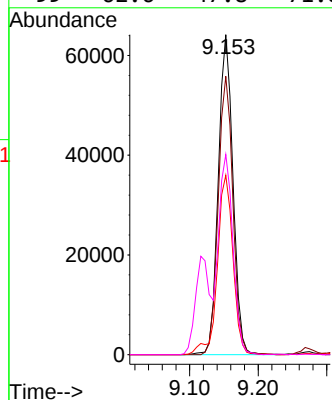
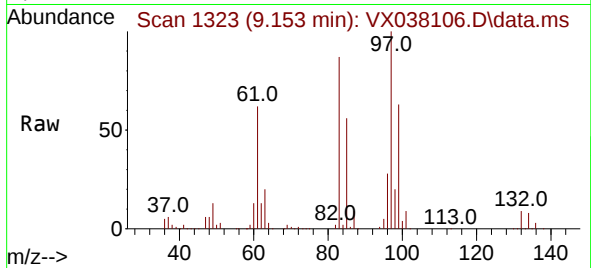
VSTDCCC050EC

Tgt Ion: 97	Resp: 9527
Ion Ratio	Lower Upper
97 100	
83 87.0	65.8 98.8
85 56.0	41.6 62.4
99 62.6	47.8 71.8

Manual Integrations

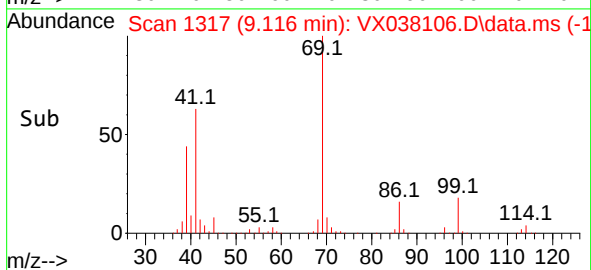
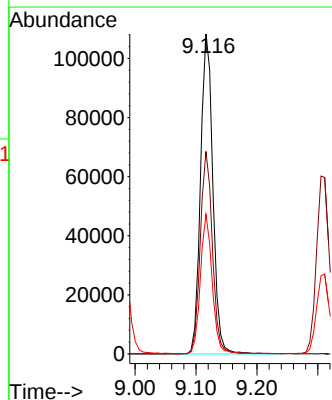
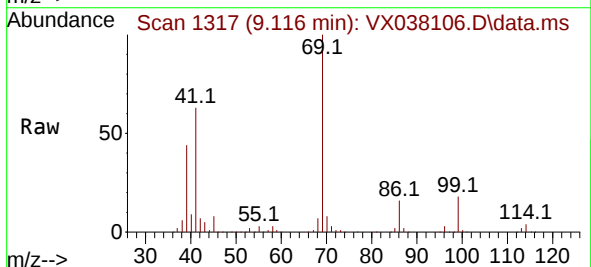
APPROVED

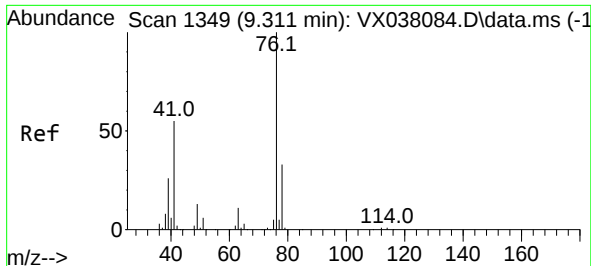
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#56
Ethyl methacrylate
Concen: 55.105 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 69	Resp: 151902
Ion Ratio	Lower Upper
69 100	
41 62.2	56.8 85.2
39 41.5	32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.332 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15799

Ion Ratio Lower Upper

76 100

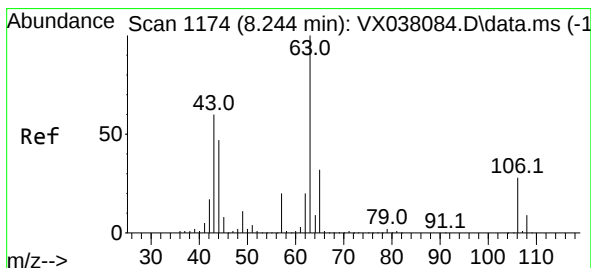
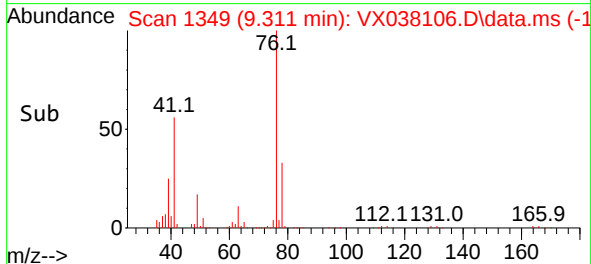
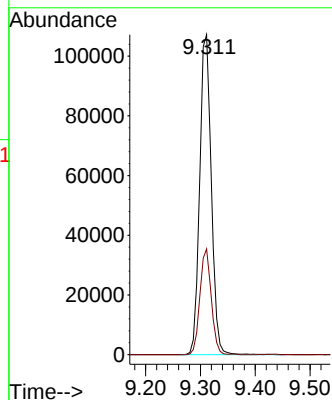
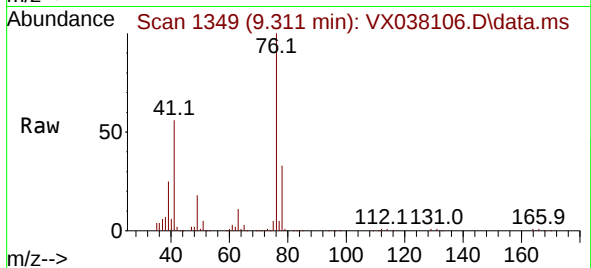
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.950 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038106.D

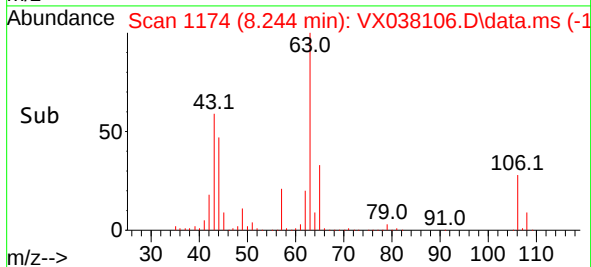
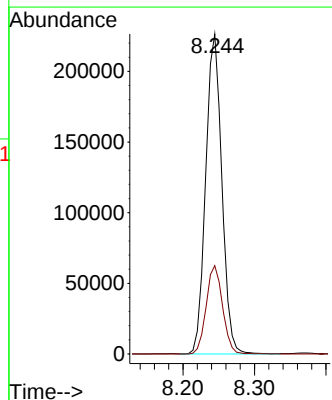
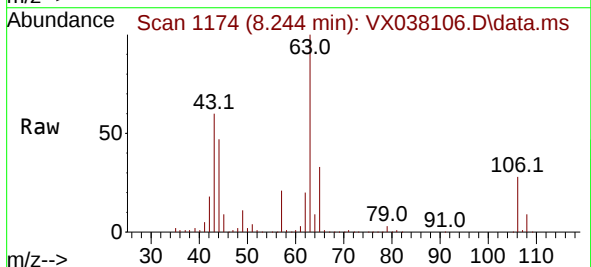
Acq: 05 Oct 2023 17:17

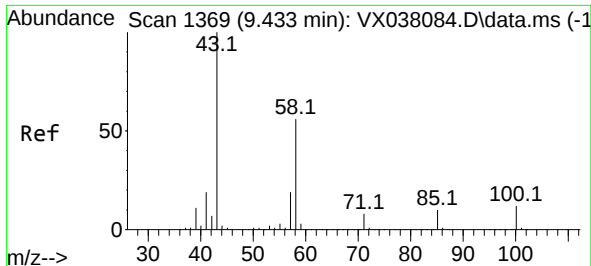
Tgt Ion: 63 Resp: 354444

Ion Ratio Lower Upper

63 100

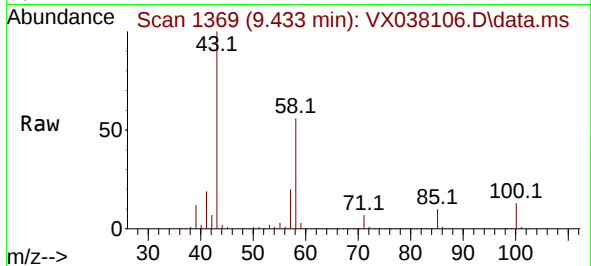
106 27.9 22.5 33.7





#59
2-Hexanone
Concen: 269.191 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

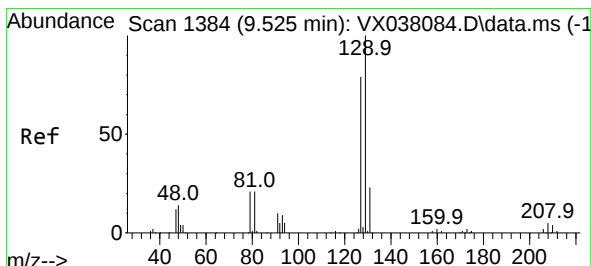
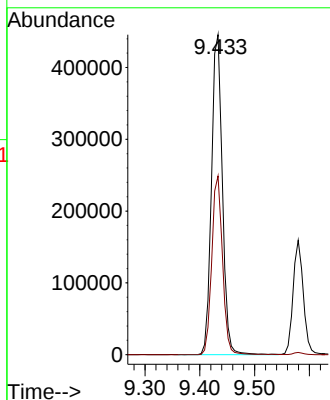
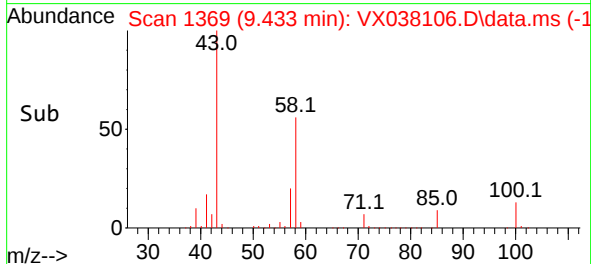
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 61056
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.5

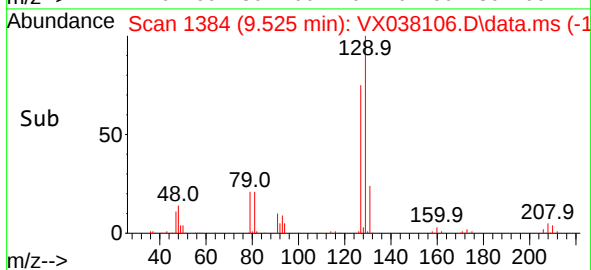
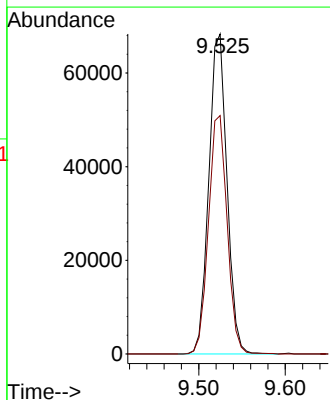
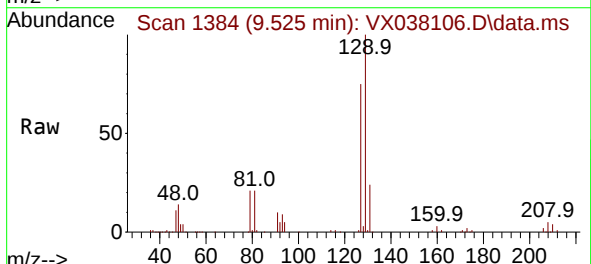
Manual Integrations
APPROVED

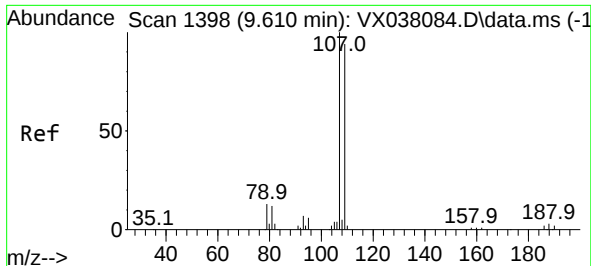
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#60
Dibromochloromethane
Concen: 56.589 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

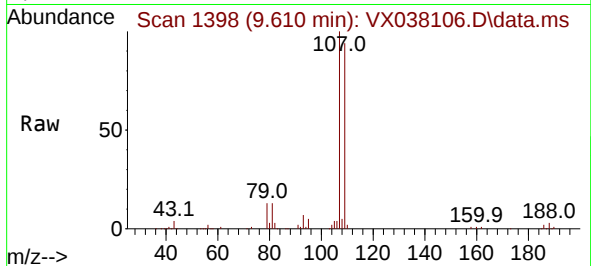
Tgt Ion:129 Resp: 99576
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.497 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

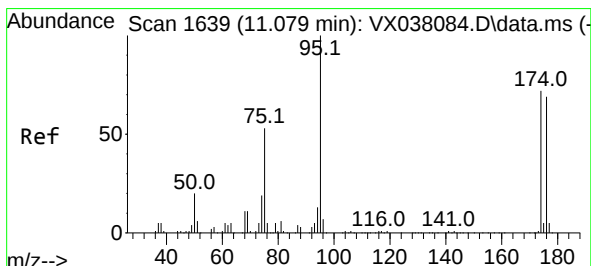
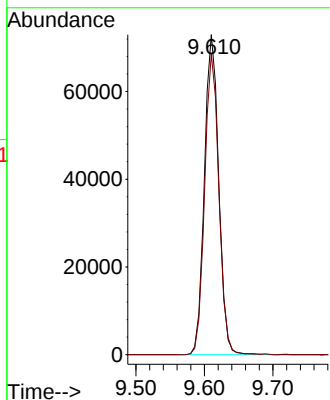
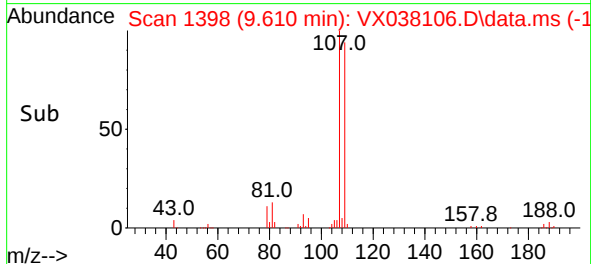
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 10595
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

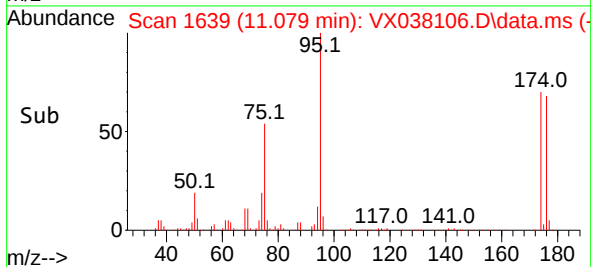
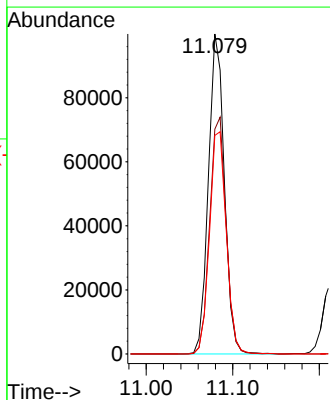
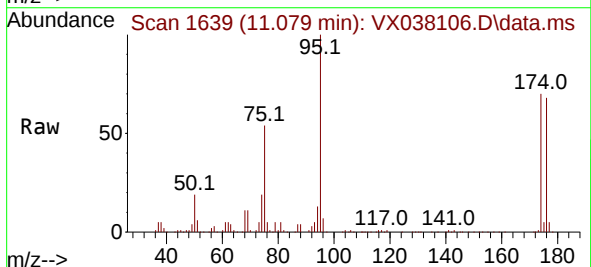
Manual Integrations
APPROVED

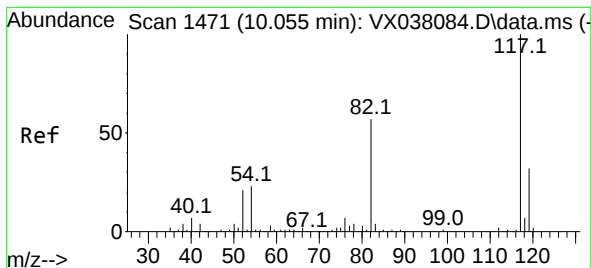
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#62
4-Bromofluorobenzene
Concen: 52.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

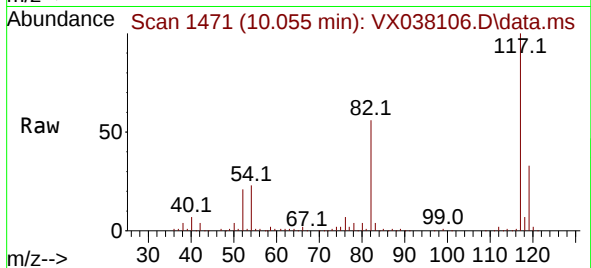
Tgt Ion: 95 Resp: 127734
Ion Ratio Lower Upper
95 100
174 76.4 0.0 135.6
176 73.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

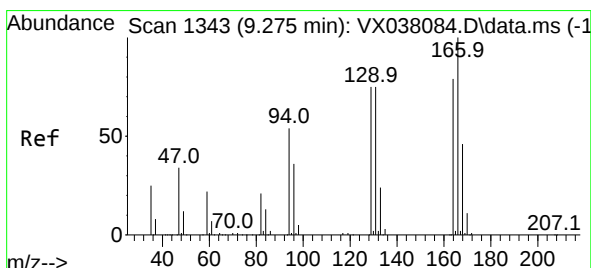
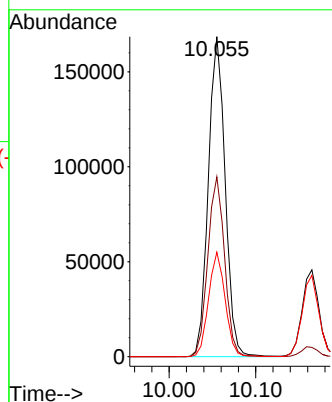
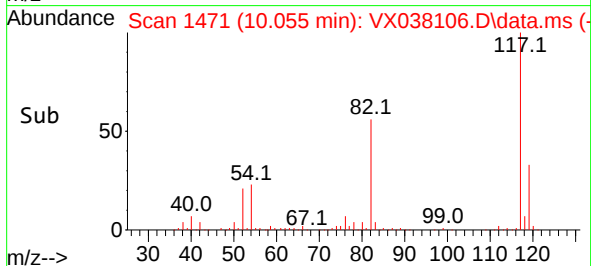
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 22732
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.7 25.5 38.3

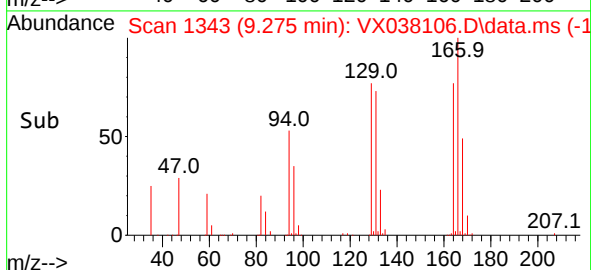
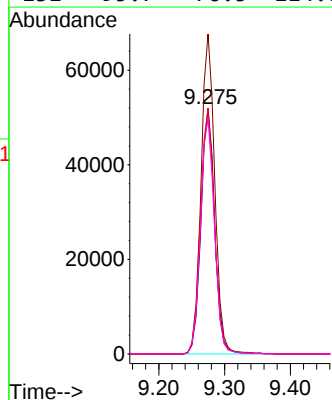
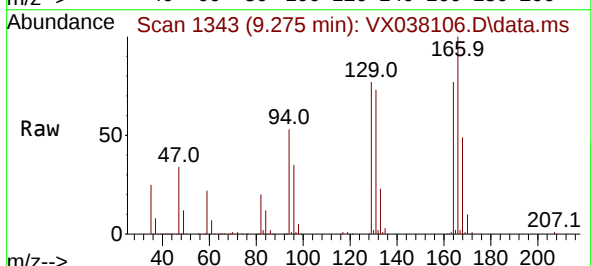
Manual Integrations
APPROVED

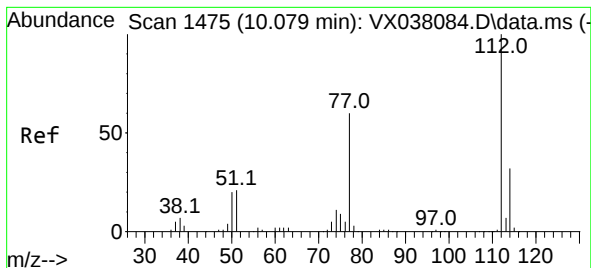
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#64
Tetrachloroethene
Concen: 51.352 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

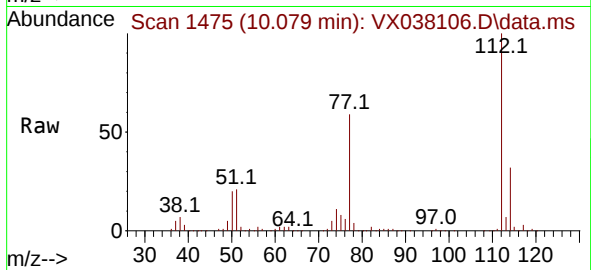
Tgt Ion:164 Resp: 75570
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 100.1 80.4 120.6
131 95.7 76.5 114.7





#65
Chlorobenzene
Concen: 51.641 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

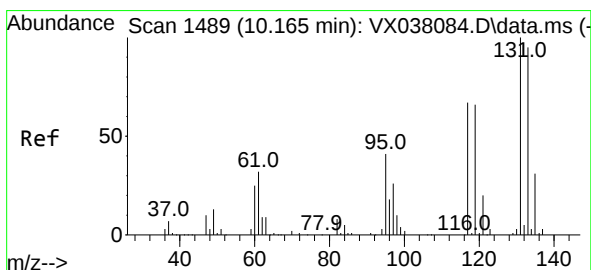
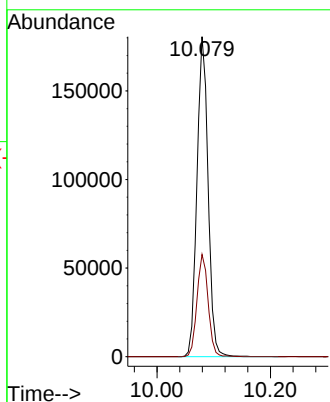
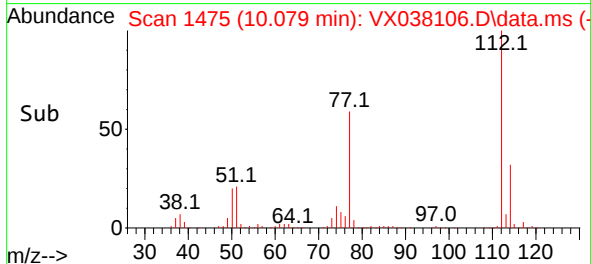
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



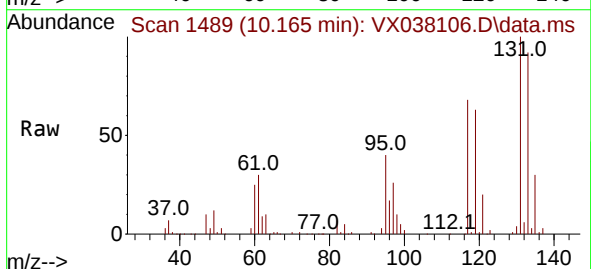
Tgt Ion:112 Resp: 245649
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
APPROVED

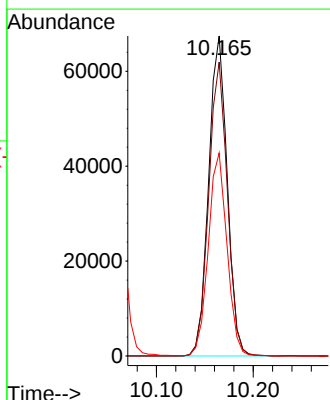
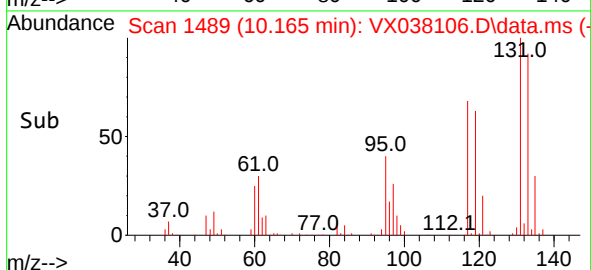
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

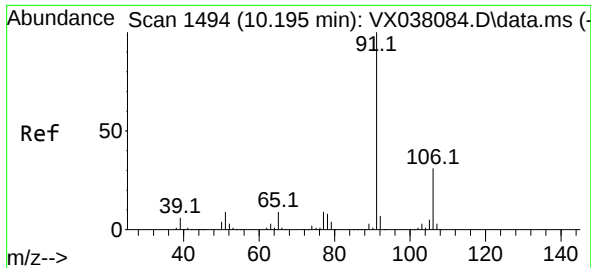


#66
1,1,1,2-Tetrachloroethane
Concen: 55.861 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



Tgt Ion:131 Resp: 89854
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.4
119 64.1 32.2 96.6





#67

Ethyl Benzene

Concen: 52.937 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 449479

Ion Ratio Lower Upper

91 100

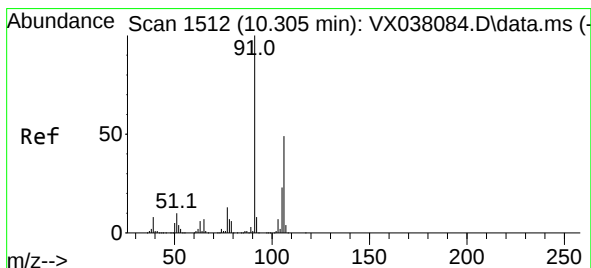
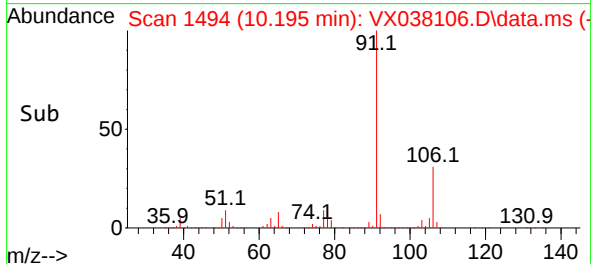
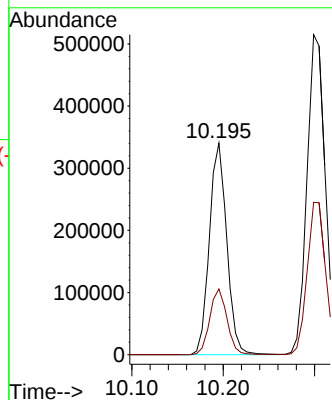
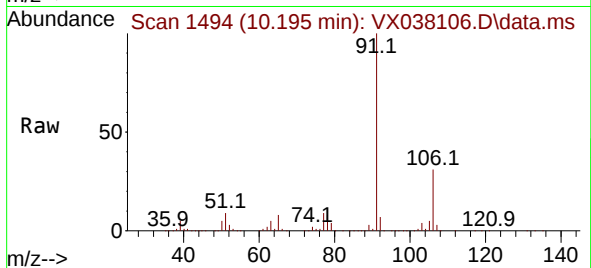
106 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#68

m/p-Xylenes

Concen: 105.308 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038106.D

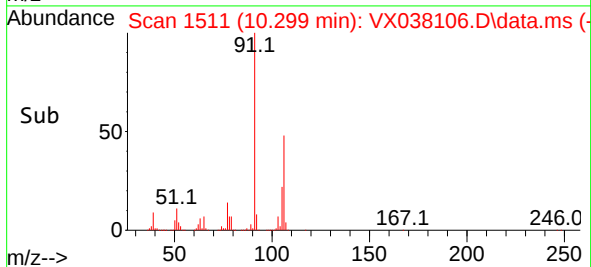
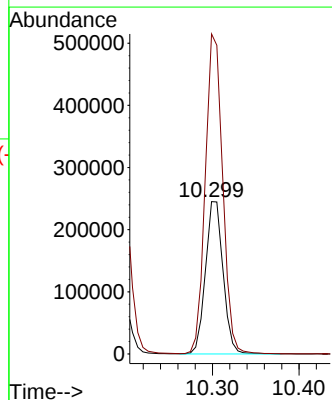
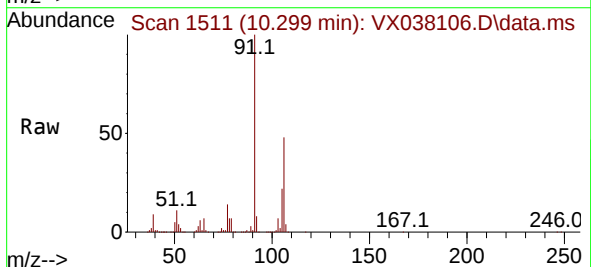
Acq: 05 Oct 2023 17:17

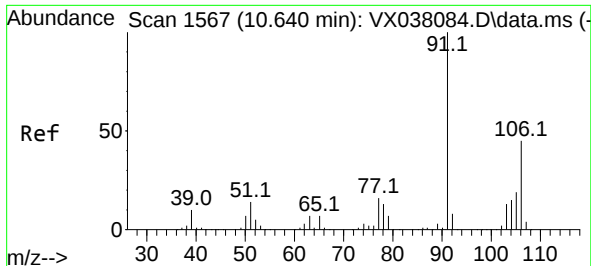
Tgt Ion:106 Resp: 345737

Ion Ratio Lower Upper

106 100

91 208.2 165.5 248.3





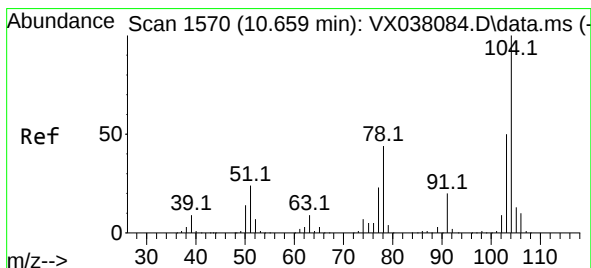
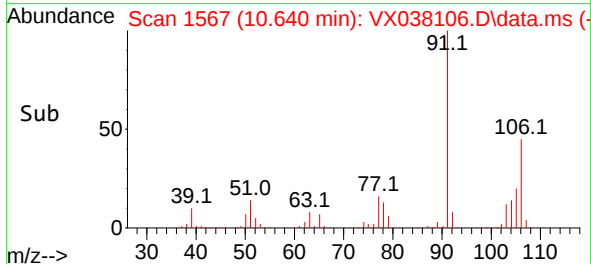
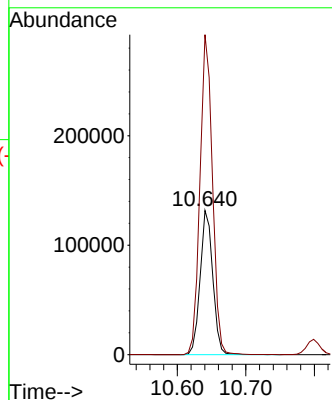
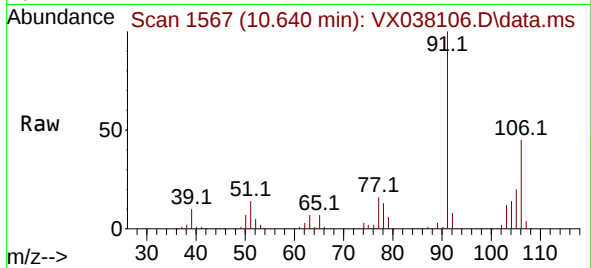
#69
o-Xylene
Concen: 52.773 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 169100
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8

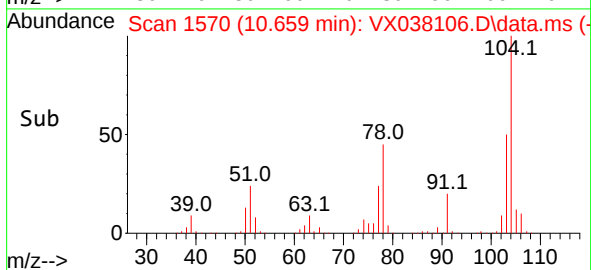
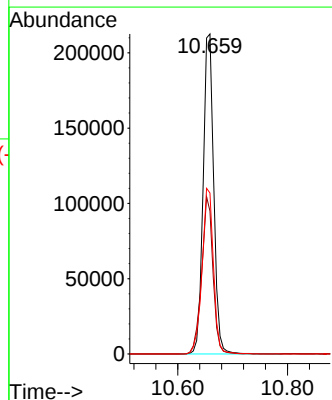
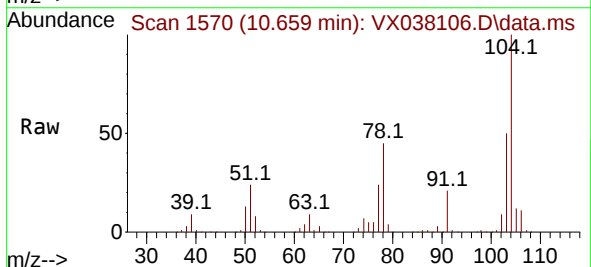
Manual Integrations
APPROVED

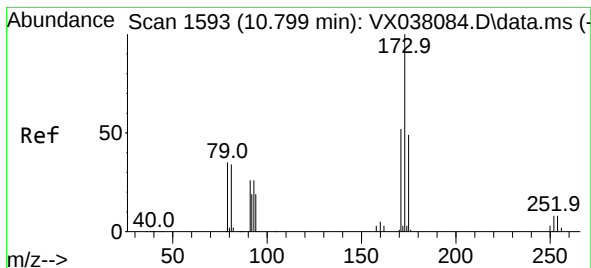
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#70
Styrene
Concen: 54.620 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:104 Resp: 285020
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 48.740 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

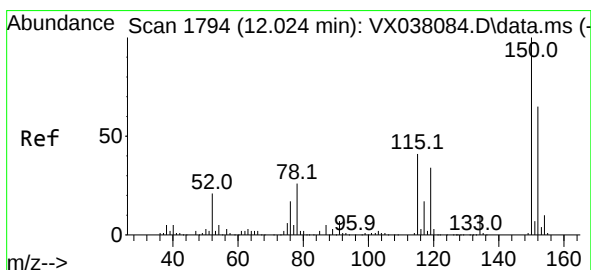
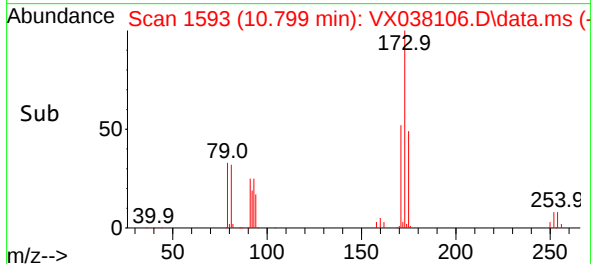
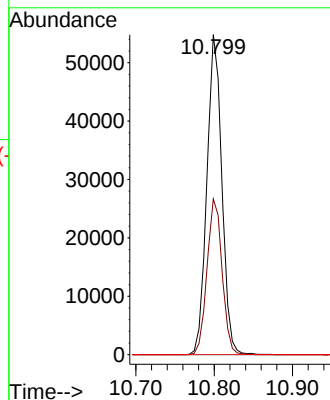
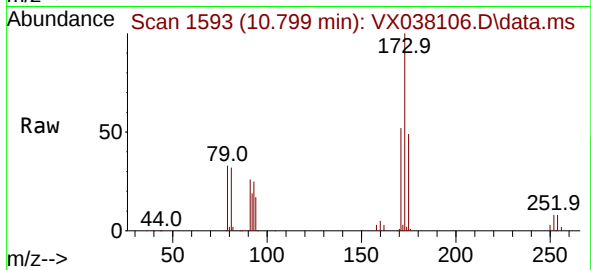
Tgt Ion:173 Resp: 72615
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

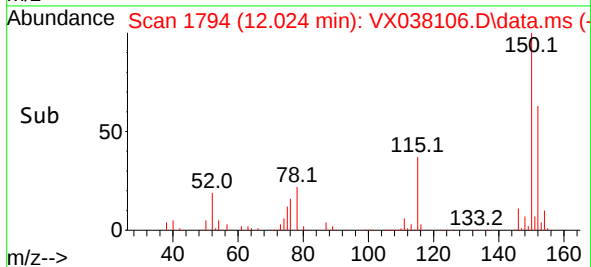
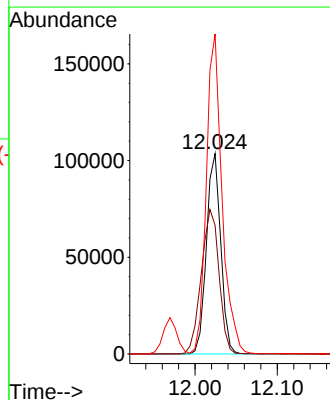
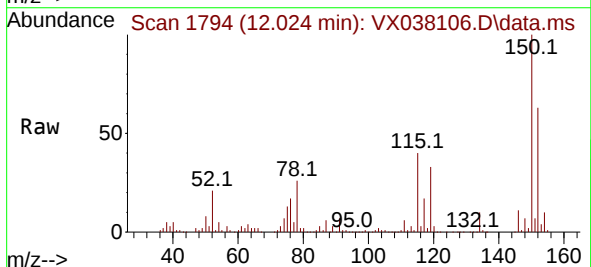
RT: 12.024 min Scan# 1794

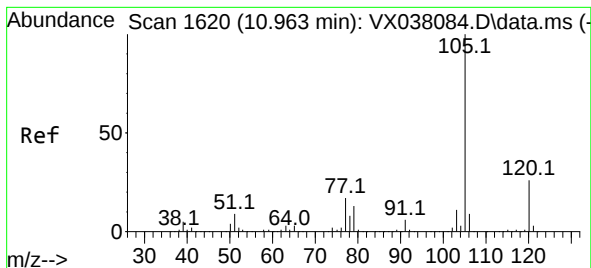
Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion:152 Resp: 125062
 Ion Ratio Lower Upper
 152 100
 115 89.5 43.3 129.9
 150 175.2 0.0 345.0





#73

Isopropylbenzene

Concen: 52.898 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 443659

Ion Ratio Lower Upper

105 100

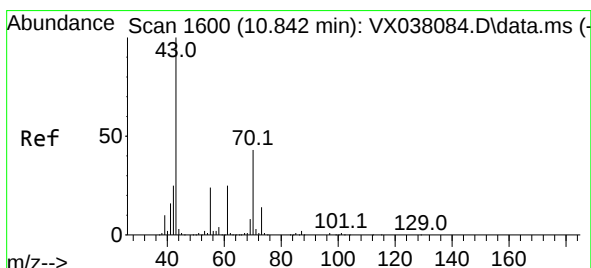
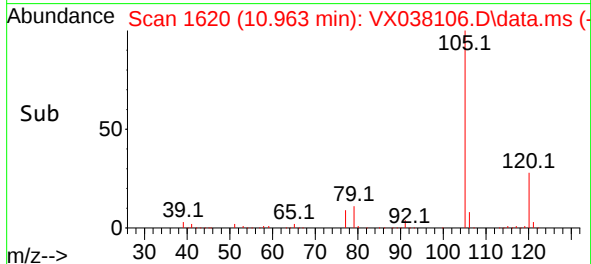
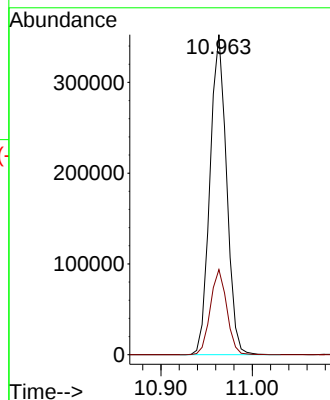
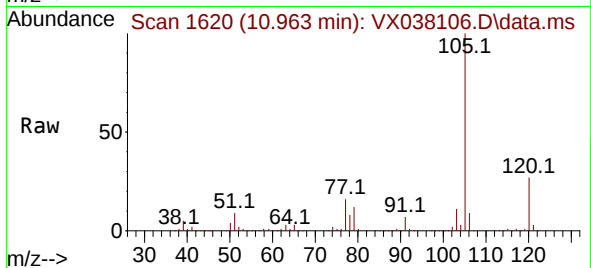
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#74

N-ethyl acetate

Concen: 55.917 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion: 43 Resp: 200269

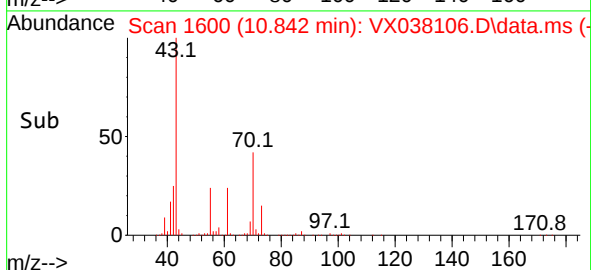
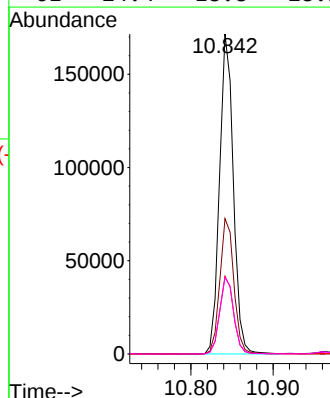
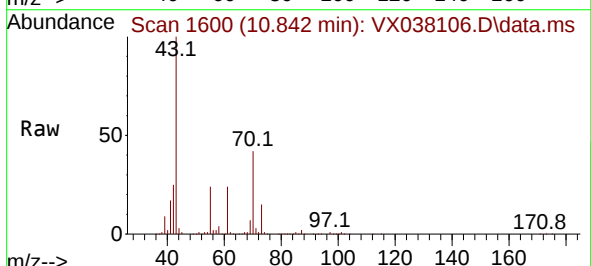
Ion Ratio Lower Upper

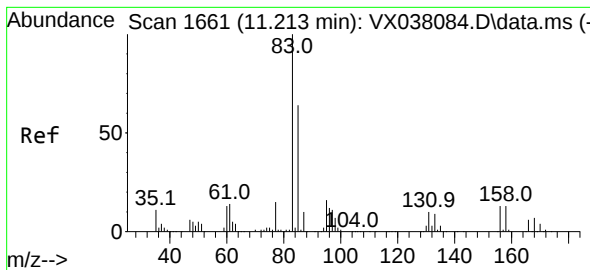
43 100

70 43.2 32.9 49.3

55 24.4 19.3 28.9

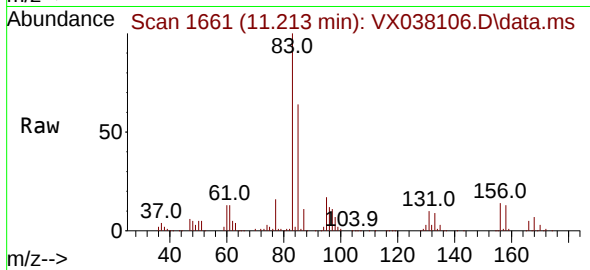
61 24.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.902 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

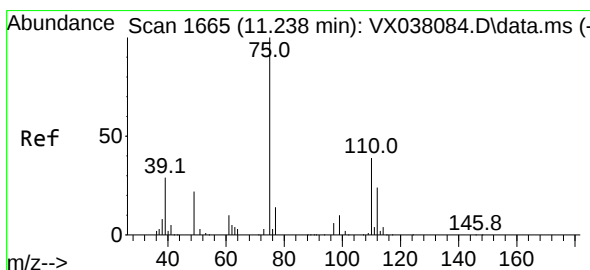
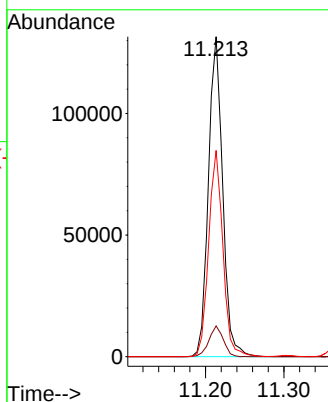
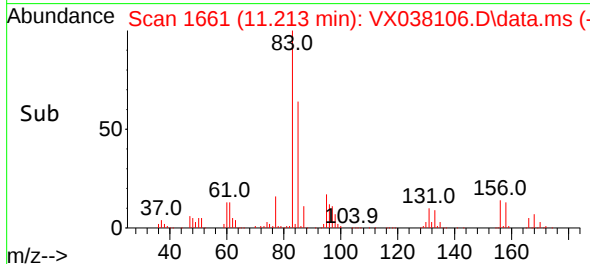
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



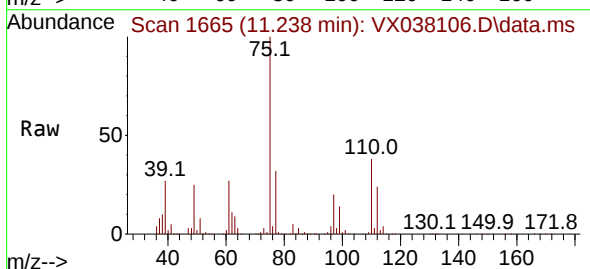
Tgt Ion: 83 Resp: 165880
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

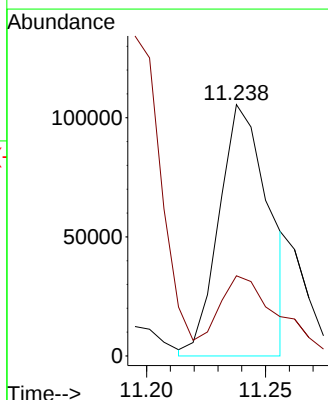
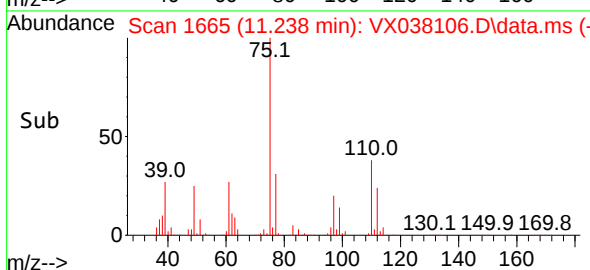
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

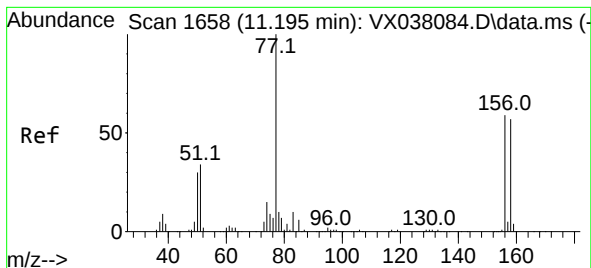


#76
1,2,3-Trichloropropane
Concen: 53.860 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



Tgt Ion: 75 Resp: 153130
Ion Ratio Lower Upper
75 100
77 38.7 19.1 57.5





#77

Bromobenzene

Concen: 51.936 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

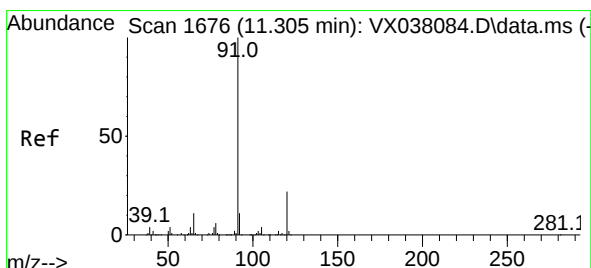
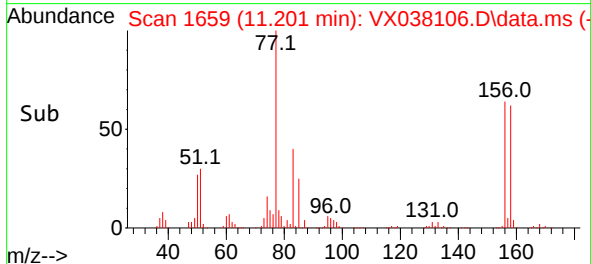
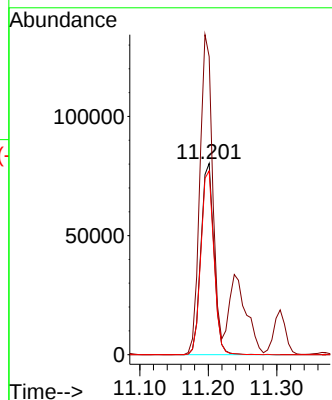
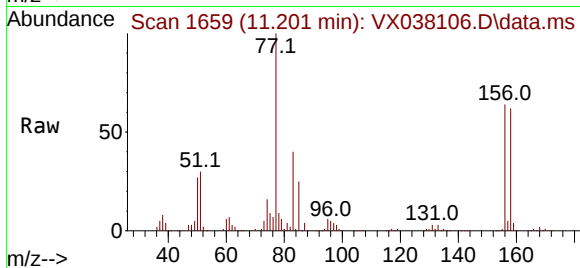
Tgt Ion:156 Resp: 106340
 Ion Ratio Lower Upper
 156 100
 77 164.2 88.4 265.3
 158 96.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#78

n-propylbenzene

Concen: 52.980 ug/l

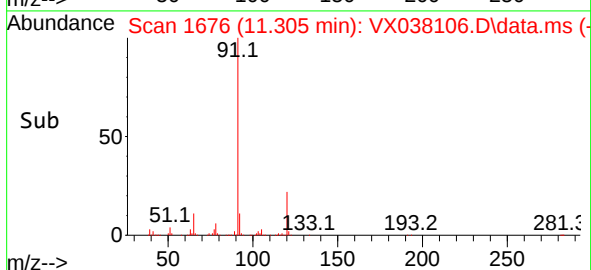
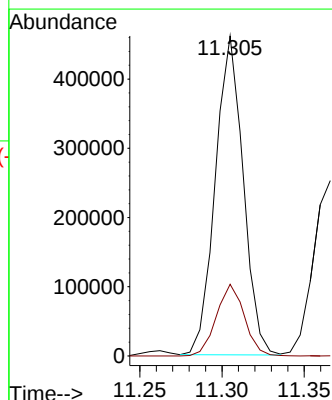
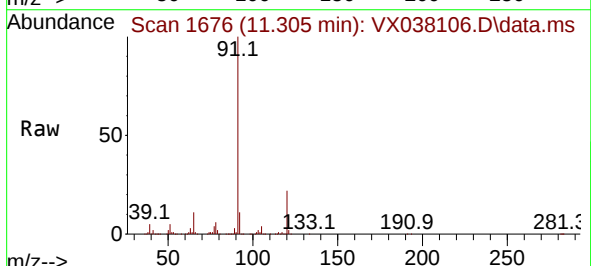
RT: 11.305 min Scan# 1676

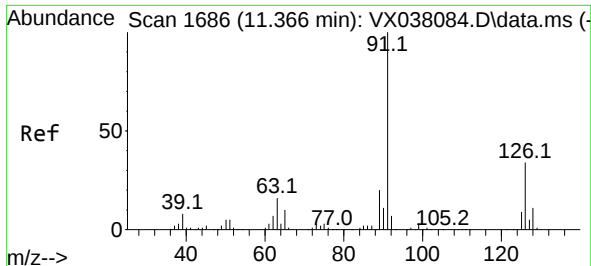
Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion: 91 Resp: 543319
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.5 34.4





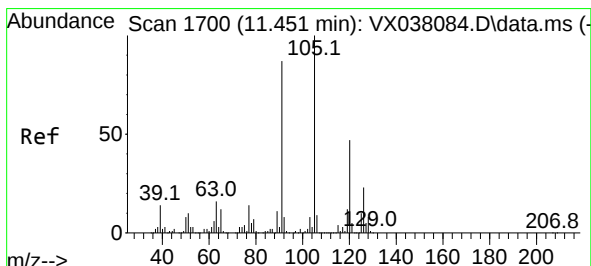
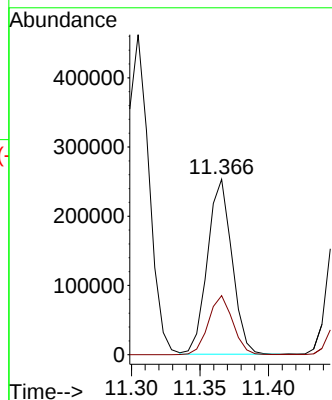
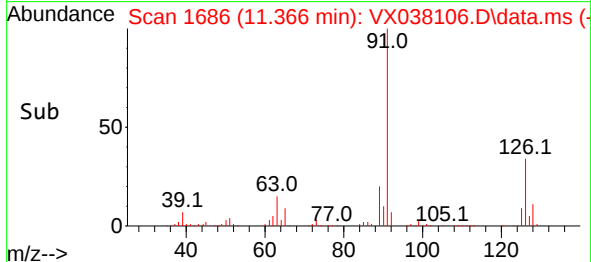
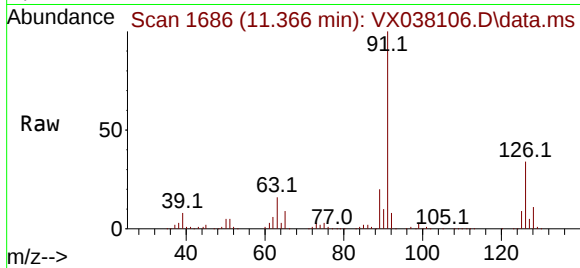
#79
2-Chlorotoluene
Concen: 51.799 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 31503
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

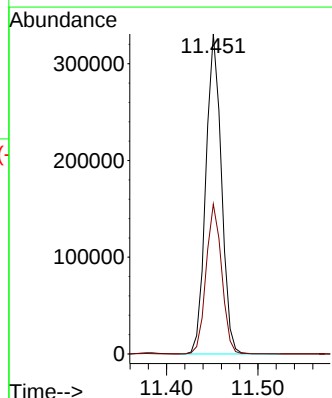
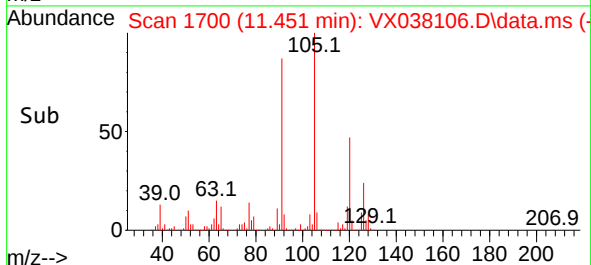
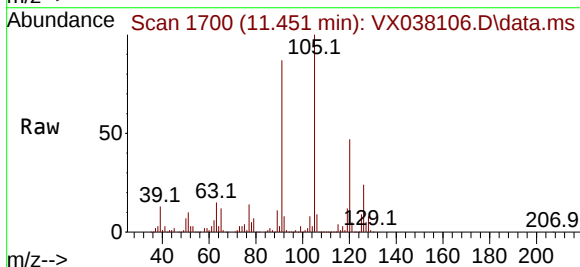
Manual Integrations
APPROVED

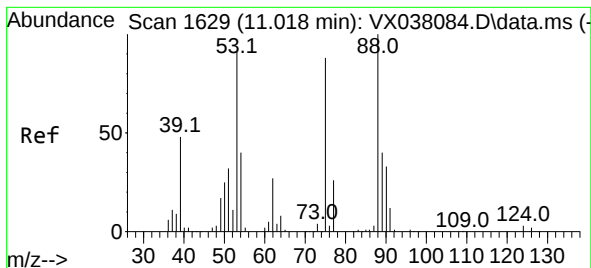
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.923 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

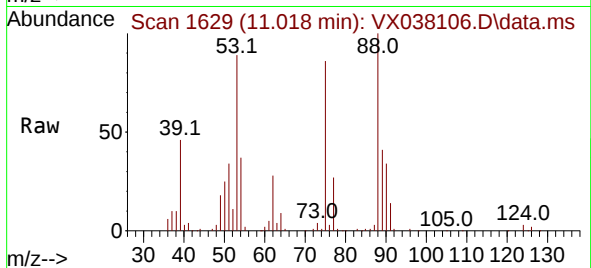
Tgt Ion:105 Resp: 390178
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.957 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

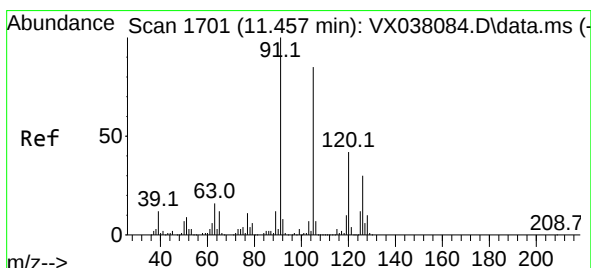
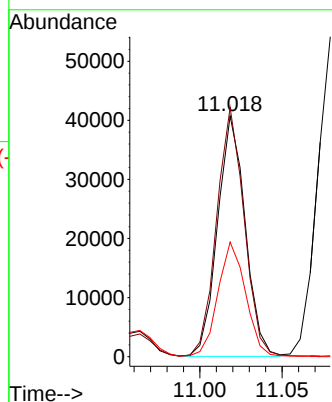
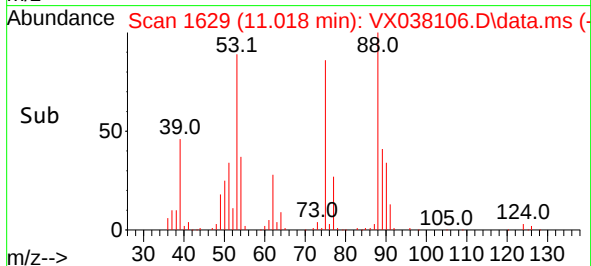
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 47580
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 47.8 36.9 55.3

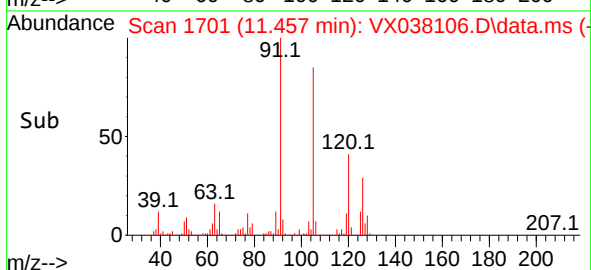
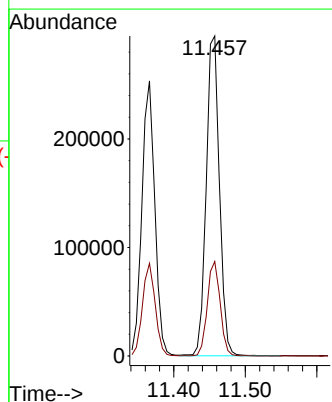
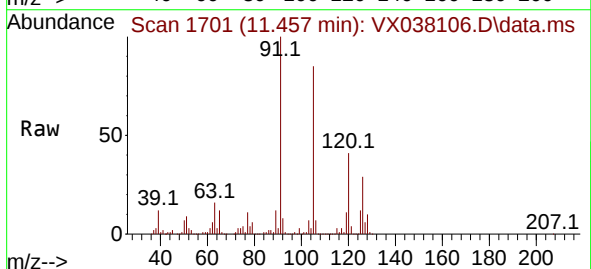
Manual Integrations
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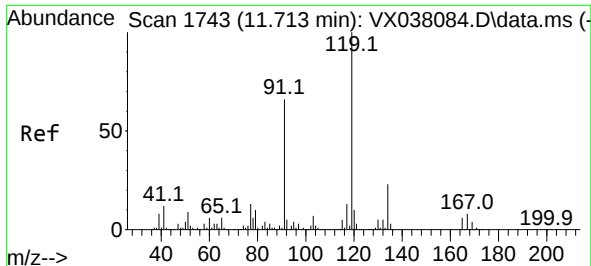
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#82
4-Chlorotoluene
Concen: 52.598 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

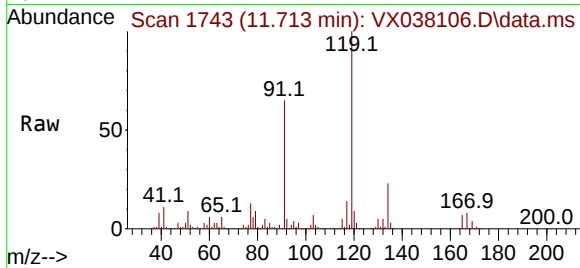
Tgt Ion: 91 Resp: 378543
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 54.239 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

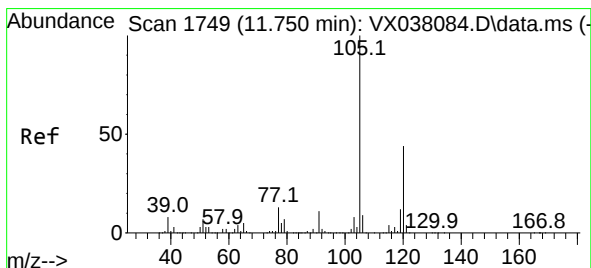
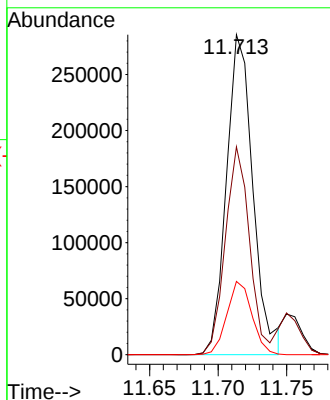
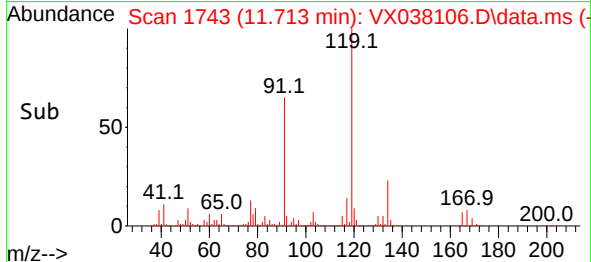
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



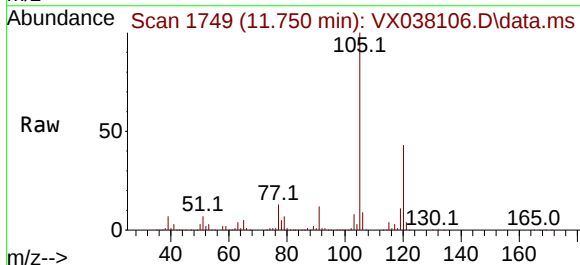
Tgt Ion:119 Resp: 383480
Ion Ratio Lower Upper
119 100
91 59.7 31.2 93.6
134 21.7 11.7 35.0

Manual Integrations
APPROVED

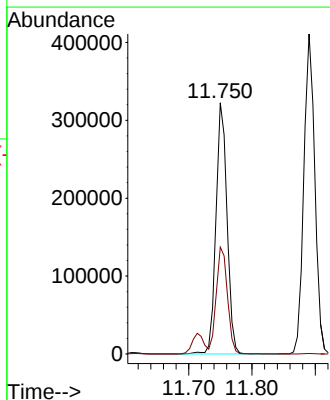
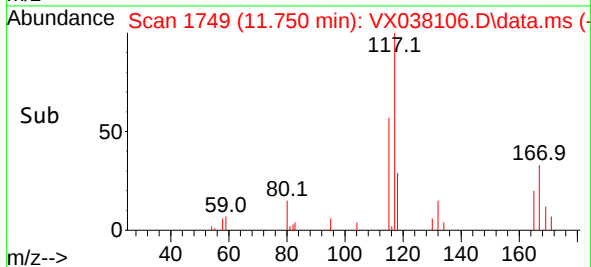
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

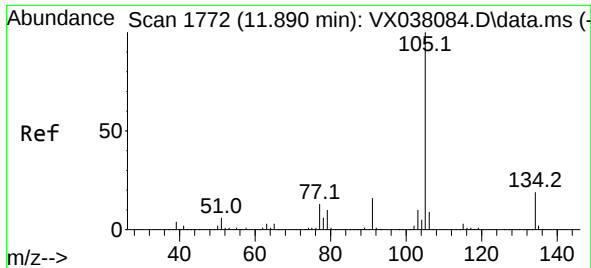


#84
1,2,4-Trimethylbenzene
Concen: 54.121 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



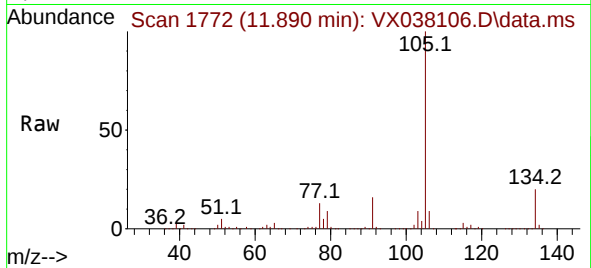
Tgt Ion:105 Resp: 390455
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.635 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

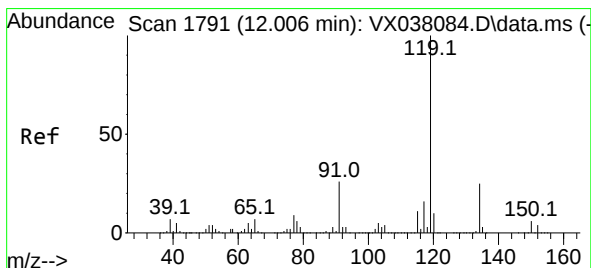
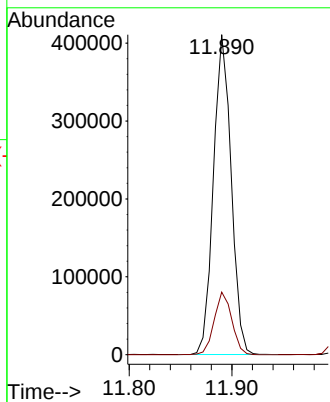
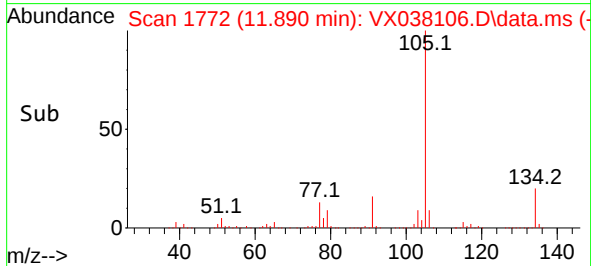
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



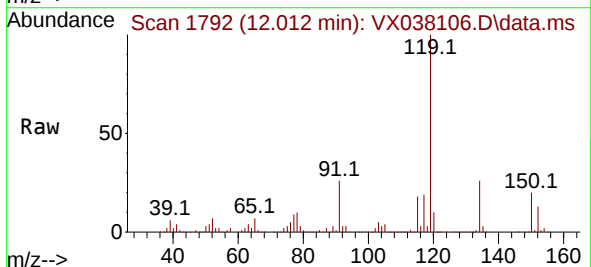
Tgt Ion:105 Resp: 491233
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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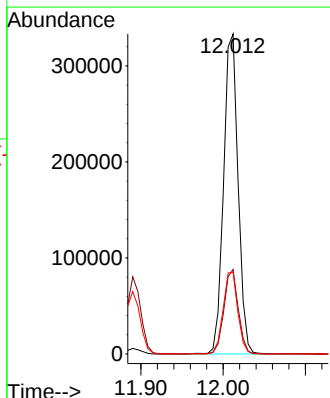
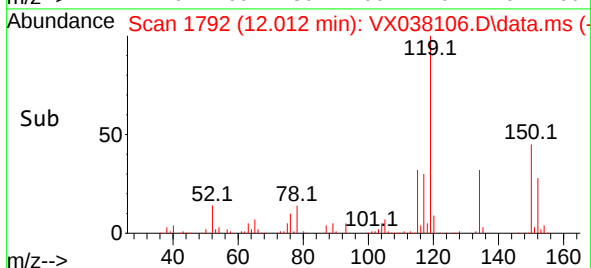
Reviewed By :John Carlone 10/06/2023
 Supervised By :Mahesh Dadoda 10/06/2023

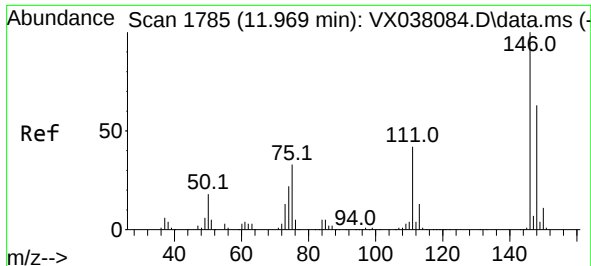


#86
 p-Isopropyltoluene
 Concen: 54.033 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17



Tgt Ion:119 Resp: 408299
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.330 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038106.D

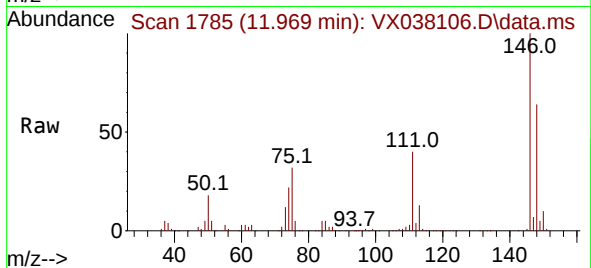
Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 211107

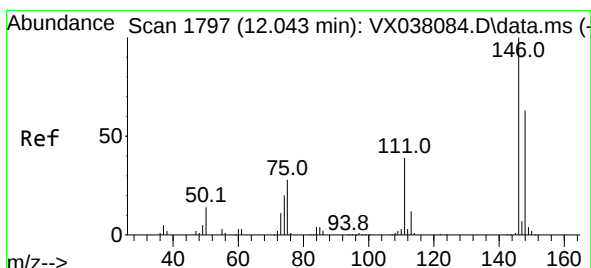
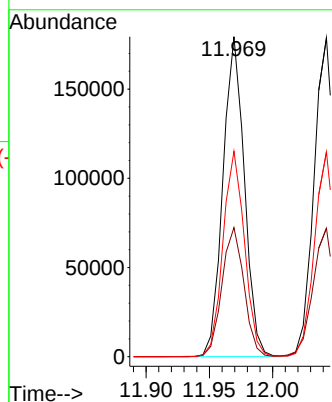
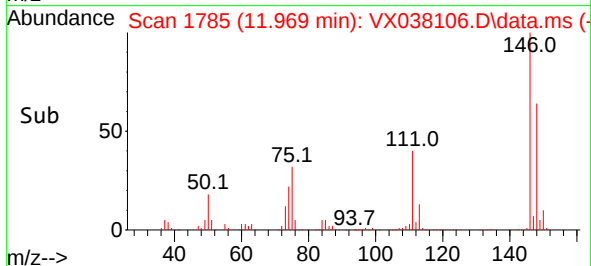
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/06/2023

Supervised By :Mahesh Dadoda 10/06/2023



#88

1,4-Dichlorobenzene

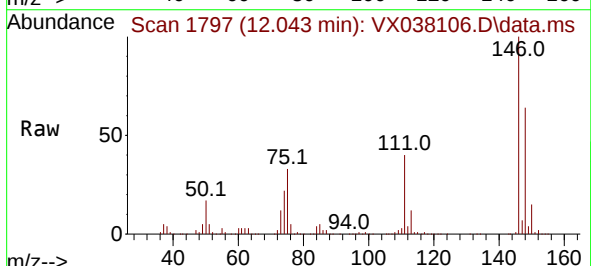
Concen: 51.199 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

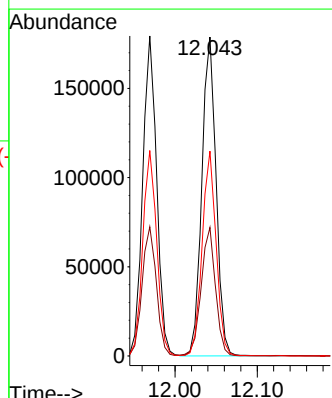
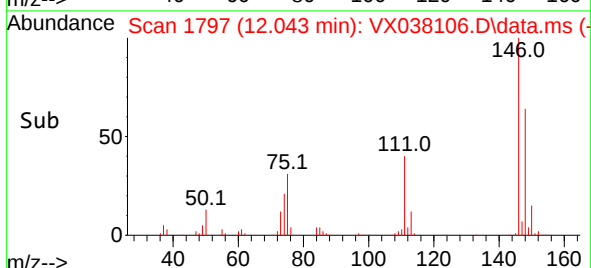
Lab File: VX038106.D

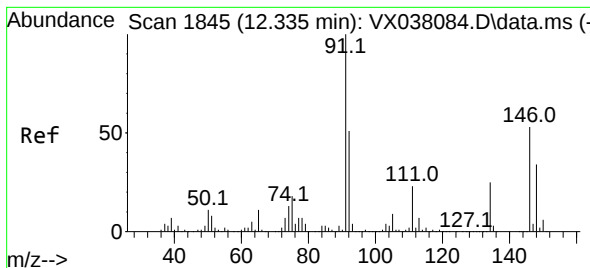
Acq: 05 Oct 2023 17:17



Tgt Ion:146 Resp: 214976

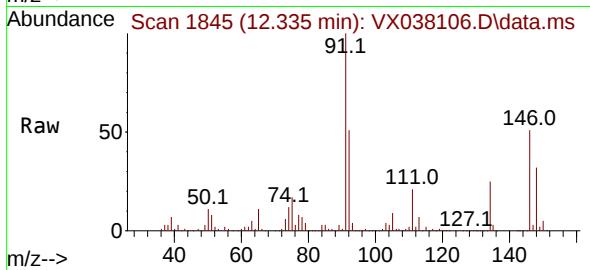
Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.3	63.7
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 52.604 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

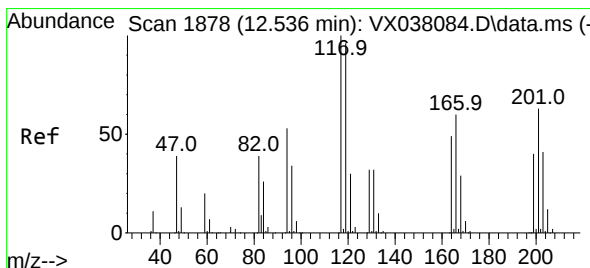
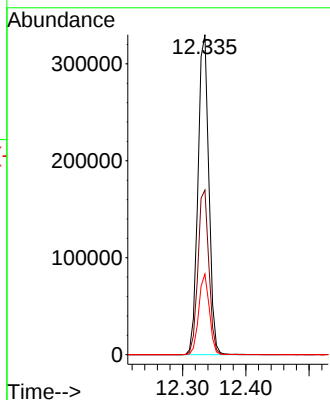
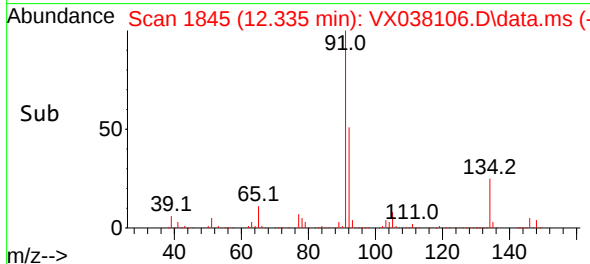
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 395870
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 24.5 12.6 37.8

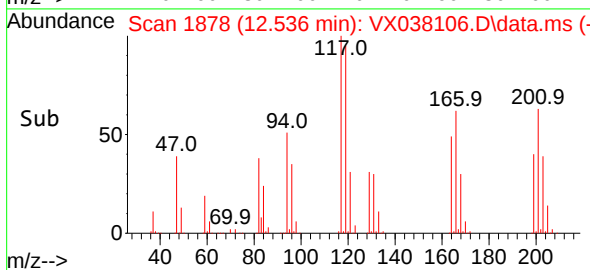
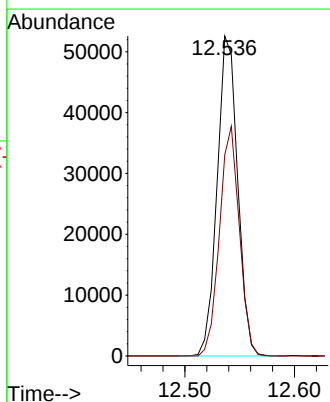
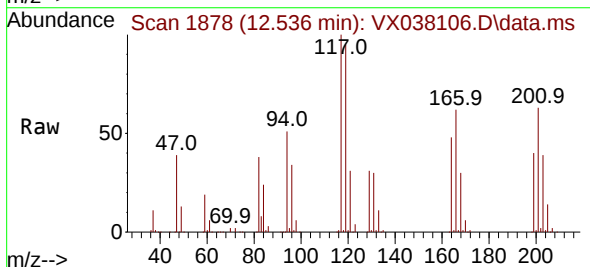
Manual Integrations
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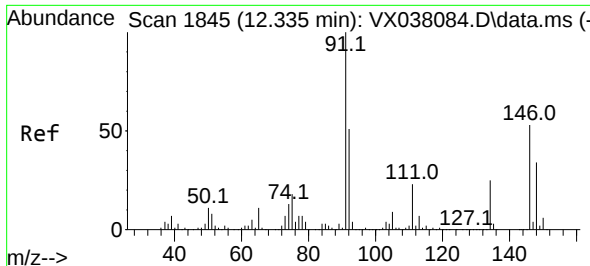
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#90
Hexachloroethane
Concen: 54.619 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

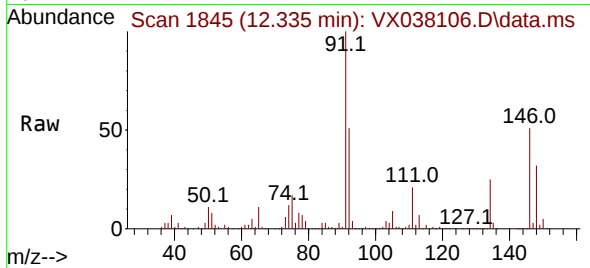
Tgt Ion:117 Resp: 68431
Ion Ratio Lower Upper
117 100
201 69.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.430 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

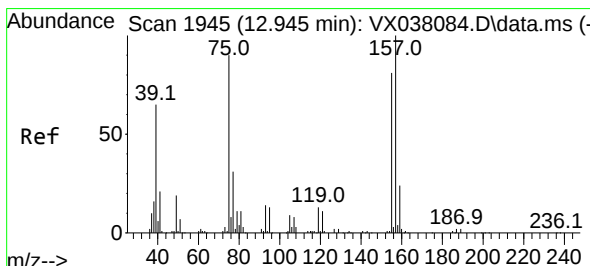
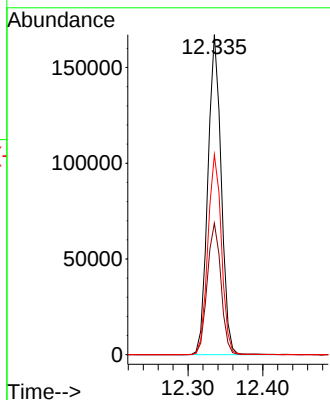
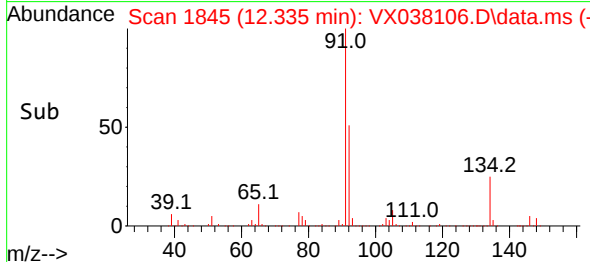
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



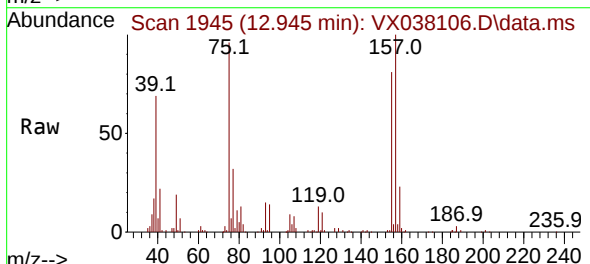
Tgt Ion:146 Resp: 207272
Ion Ratio Lower Upper
146 100
111 42.2 22.4 67.0
148 63.6 31.6 95.0

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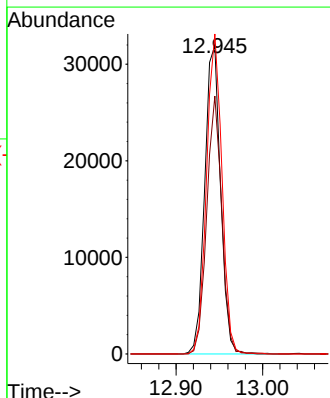
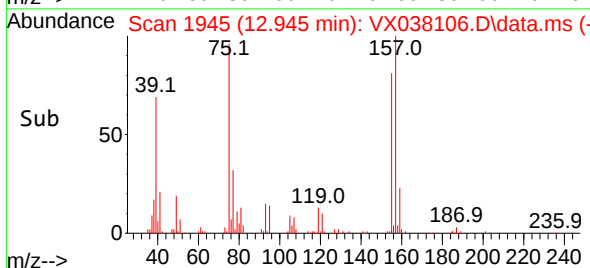
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023

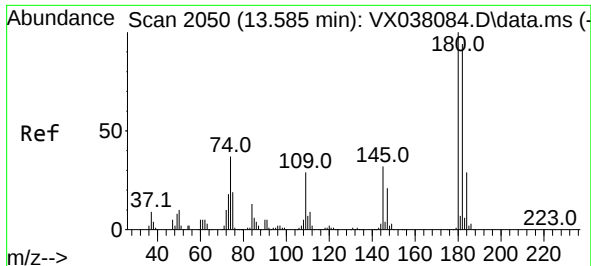


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.530 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



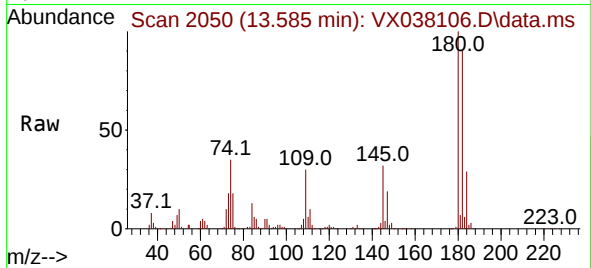
Tgt Ion: 75 Resp: 40575
Ion Ratio Lower Upper
75 100
155 79.2 36.1 108.5
157 100.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 51.180 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

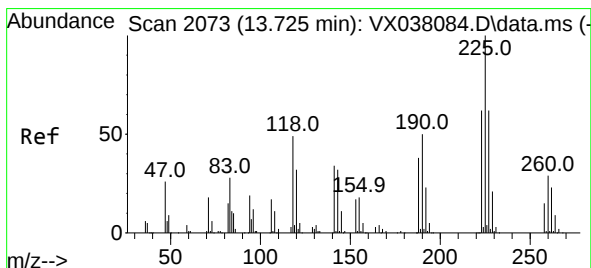
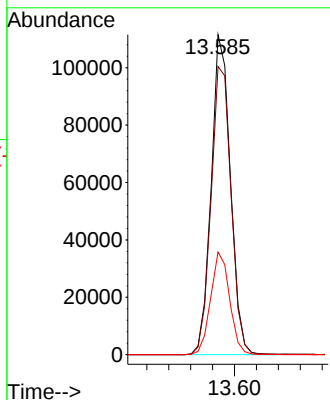
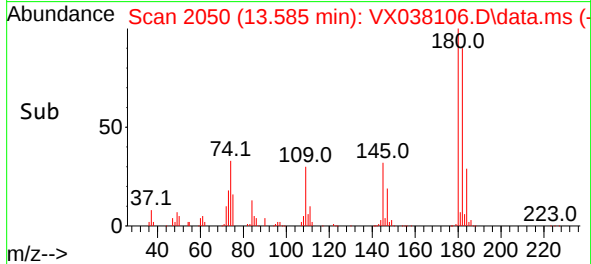
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 13570
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 31.8 18.0 54.0

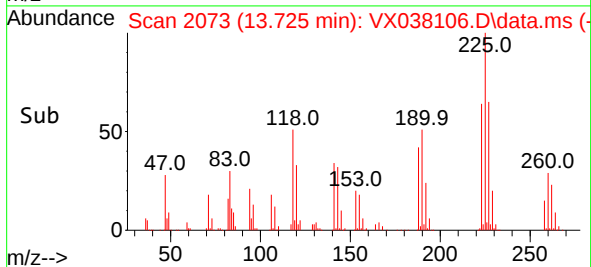
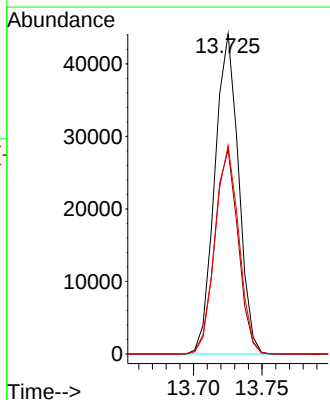
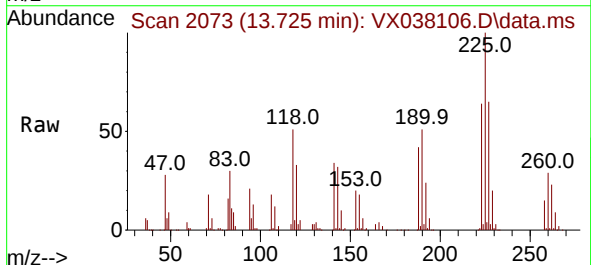
Manual Integrations
APPROVED

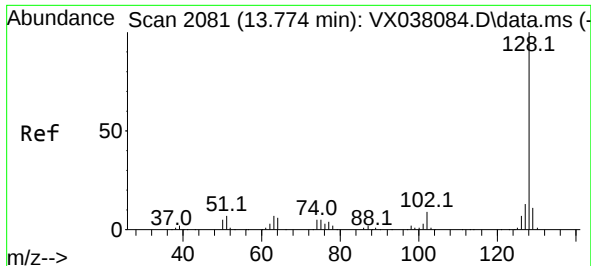
Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#94
Hexachlorobutadiene
Concen: 49.862 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

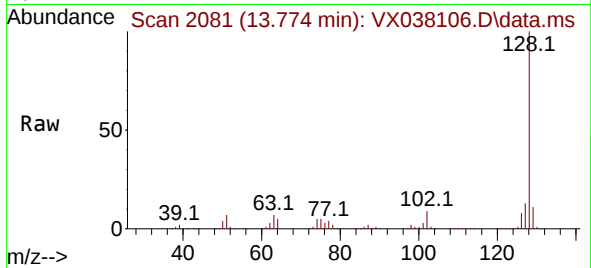
Tgt Ion:225 Resp: 53213
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 64.8 32.5 97.5





#95
Naphthalene
Concen: 52.203 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

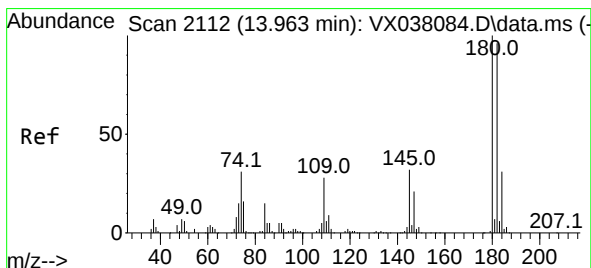
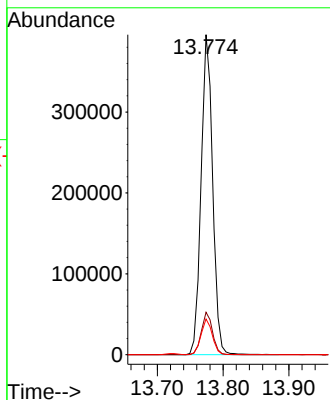
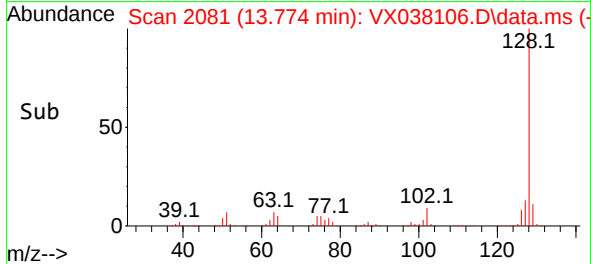
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



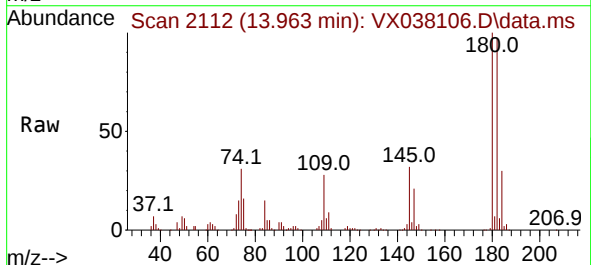
Tgt Ion:128 Resp: 482036
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 10/06/2023
Supervised By :Mahesh Dadoda 10/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.436 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17



Tgt Ion:180 Resp: 132056
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 33.3 17.8 53.5

