

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038142.D
 Acq On : 06 Oct 2023 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 04:30:19 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	5.556	168	127797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104125	50.656	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.320%			
35) Dibromofluoromethane	5.385	113	81063	50.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	317091	52.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.120%			
62) 4-Bromofluorobenzene	11.079	95	128222	55.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60780	49.272	ug/l	99
3) Chloromethane	1.301	50	59275	47.146	ug/l	97
4) Vinyl Chloride	1.374	62	73017	52.380	ug/l	98
5) Bromomethane	1.599	94	103832	56.830	ug/l	97
6) Chloroethane	1.679	64	63636	61.090	ug/l	97
7) Trichlorofluoromethane	1.886	101	160085	58.140	ug/l	99
8) Diethyl Ether	2.136	74	58827	57.286	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	58534	48.696	ug/l	98
10) Methyl Iodide	2.453	142	86141	49.807	ug/l	94
11) Tert butyl alcohol	2.965	59	112092	246.897	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	57578	49.244	ug/l	87
13) Acrolein	2.233	56	79660	272.607	ug/l	99
14) Allyl chloride	2.660	41	99994	47.813	ug/l	95
15) Acrylonitrile	3.062	53	237253	253.630	ug/l	99
16) Acetone	2.380	43	192690	224.613	ug/l	92
17) Carbon Disulfide	2.508	76	145489	43.172	ug/l	100
18) Methyl Acetate	2.703	43	185670	50.469	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	235174	50.502	ug/l	99
20) Methylene Chloride	2.788	84	74355	46.079	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	71405	49.323	ug/l	92
22) Diisopropyl ether	3.764	45	224250	51.161	ug/l	87
23) Vinyl Acetate	3.721	43	832715	259.058	ug/l	97
24) 1,1-Dichloroethane	3.611	63	132828	49.934	ug/l	100
25) 2-Butanone	4.556	43	346763	250.522	ug/l	91
26) 2,2-Dichloropropane	4.471	77	85754	41.291	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	86505	50.172	ug/l	91
28) Bromochloromethane	4.897	49	64827	53.985	ug/l	89
29) Tetrahydrofuran	5.007	42	226769	251.637	ug/l	89
30) Chloroform	5.093	83	152074	52.280	ug/l	97
31) Cyclohexane	5.471	56	109025	48.955	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	128106	51.417	ug/l	100
36) 1,1-Dichloropropene	5.696	75	107099	48.727	ug/l	98
37) Ethyl Acetate	4.715	43	133018	50.958	ug/l	97
38) Carbon Tetrachloride	5.678	117	108462	50.163	ug/l	97
39) Methylcyclohexane	7.379	83	123192	47.851	ug/l	95
40) Benzene	6.037	78	314749	51.200	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	66041	50.858	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	126826	51.636	ug/l	100
43) Isopropyl Acetate	6.342	43	198330	50.896	ug/l	96
44) Trichloroethene	7.129	130	81155	50.473	ug/l	99
45) 1,2-Dichloropropane	7.434	63	80980	50.896	ug/l	99
46) Dibromomethane	7.580	93	62395	50.562	ug/l	97
47) Bromodichloromethane	7.824	83	117327	53.445	ug/l	98
48) Methyl methacrylate	7.696	41	97107	52.200	ug/l #	86
49) 1,4-Dioxane	7.659	88	48538	1058.833	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	722717	268.883	ug/l	97
52) Toluene	8.720	92	213684	53.361	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	124457	52.816	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	128105	51.744	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	91476	53.406	ug/l	94
56) Ethyl methacrylate	9.116	69	140406	53.464	ug/l	93
57) 1,3-Dichloropropane	9.311	76	146817	52.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	329674	255.744	ug/l	99
59) 2-Hexanone	9.433	43	583118	269.859	ug/l	95
60) Dibromochloromethane	9.525	129	94443	56.338	ug/l	100
61) 1,2-Dibromoethane	9.610	107	102491	55.333	ug/l	100
64) Tetrachloroethene	9.275	164	72820	48.873	ug/l	95
65) Chlorobenzene	10.079	112	236654	49.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	85187	52.306	ug/l	99
67) Ethyl Benzene	10.195	91	430688	50.098	ug/l	99
68) m/p-Xylenes	10.305	106	337344	101.483	ug/l	99
69) o-Xylene	10.640	106	163564	50.415	ug/l	100
70) Styrene	10.659	104	281709	53.319	ug/l	96
71) Bromoform	10.799	173	70797	47.039	ug/l #	100
73) Isopropylbenzene	10.963	105	434776	49.086	ug/l	99
74) N-amyl acetate	10.842	43	190325	50.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	165077	50.790	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	130251m	43.380	ug/l	
77) Bromobenzene	11.201	156	105471	48.773	ug/l	93
78) n-propylbenzene	11.305	91	525762	48.545	ug/l	100
79) 2-Chlorotoluene	11.366	91	307550	47.883	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	382390	50.040	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	43446	42.876	ug/l	93
82) 4-Chlorotoluene	11.457	91	371163	48.834	ug/l	98
83) tert-Butylbenzene	11.713	119	374791	50.194	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	384214	50.428	ug/l	99
85) sec-Butylbenzene	11.890	105	482776	49.912	ug/l	99
86) p-Isopropyltoluene	12.012	119	399198	50.023	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	206446	47.531	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	213899	48.237	ug/l	99
89) n-Butylbenzene	12.335	91	381642	48.020	ug/l	97
90) Hexachloroethane	12.542	117	67632	51.115	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	205062	49.116	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39017	49.651	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	132542	47.332	ug/l	96
94) Hexachlorobutadiene	13.725	225	52474	46.558	ug/l	99
95) Naphthalene	13.774	128	462617	47.439	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128085	47.240	ug/l	98

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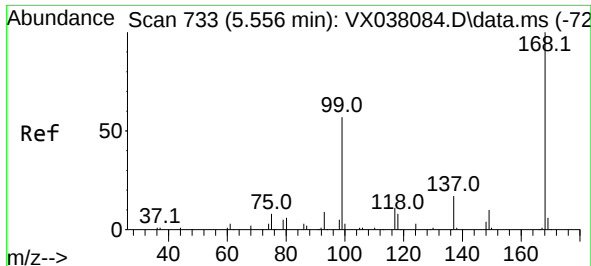
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

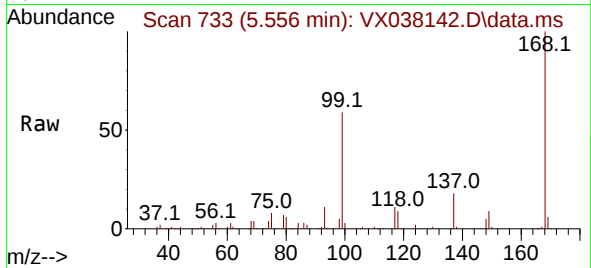
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038142.D
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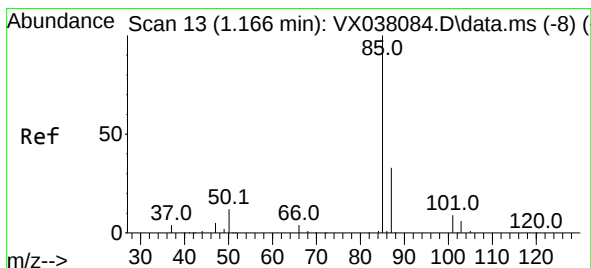
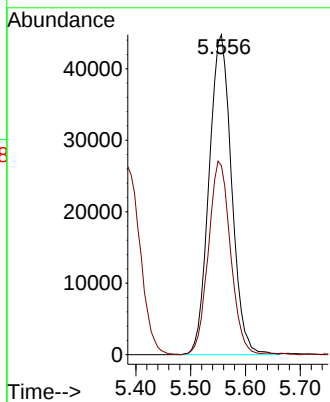
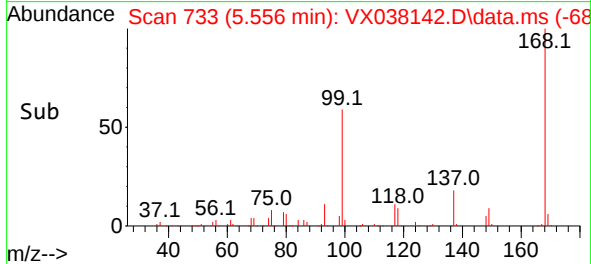
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 12779
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

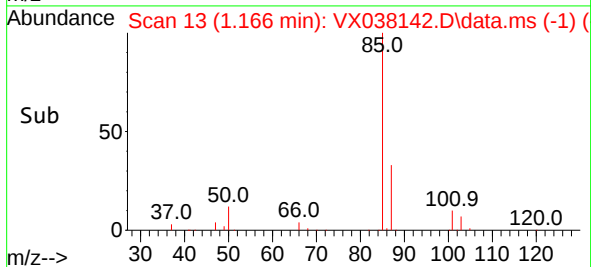
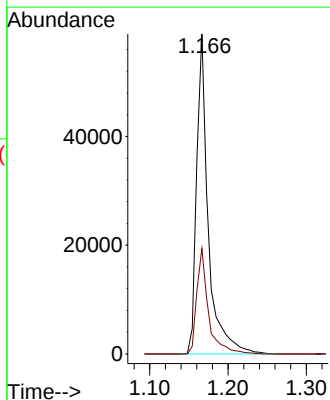
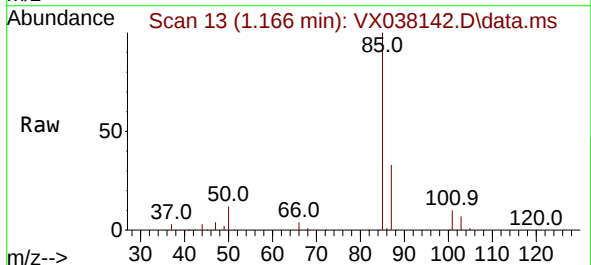
Manual Integrations
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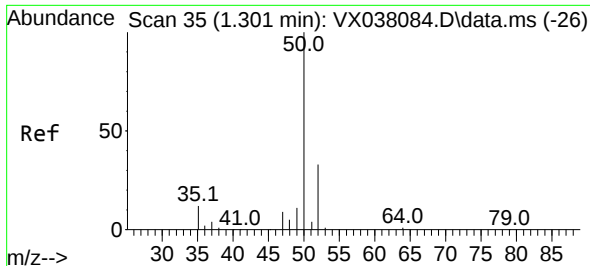
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#2
Dichlorodifluoromethane
Concen: 49.272 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion: 85 Resp: 60780
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





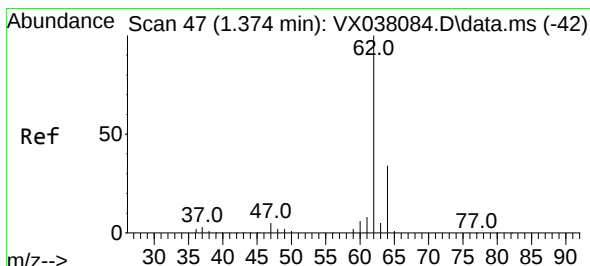
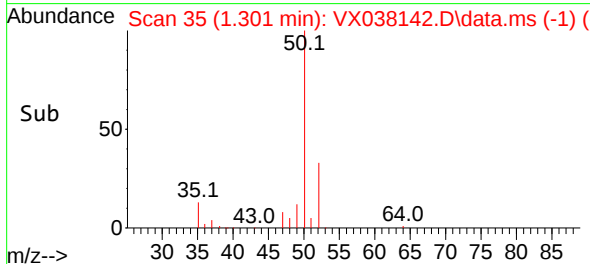
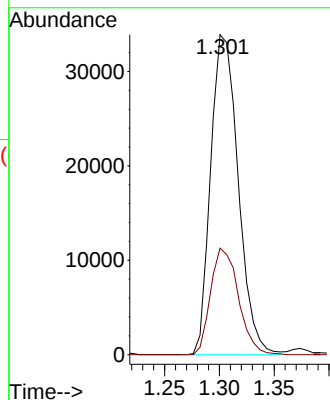
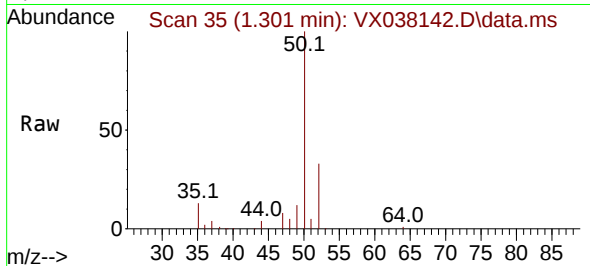
#3
Chloromethane
Concen: 47.146 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 5927
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

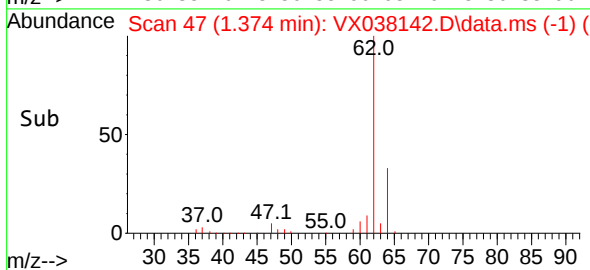
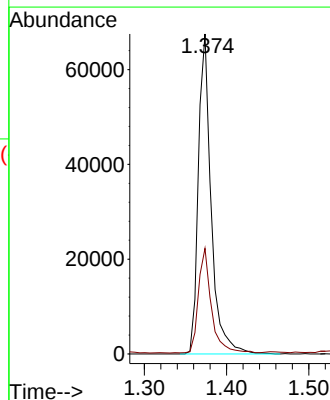
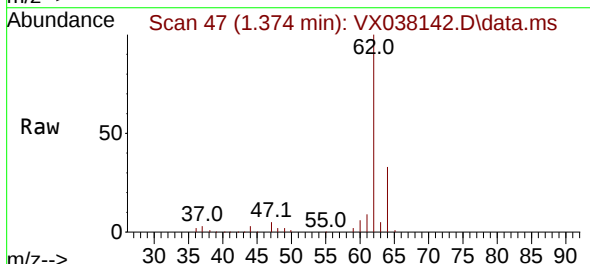
Manual Integrations
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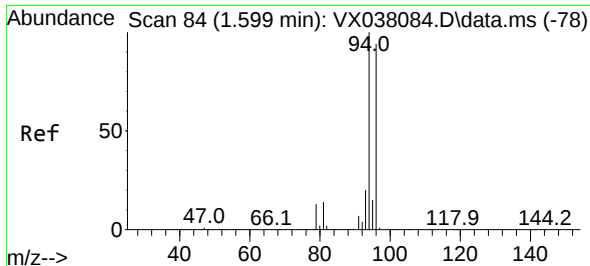
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#4
Vinyl Chloride
Concen: 52.380 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

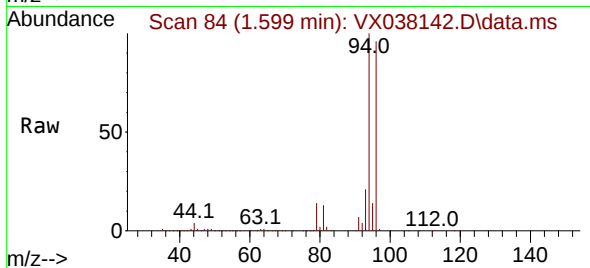
Tgt Ion: 62 Resp: 73017
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 56.830 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

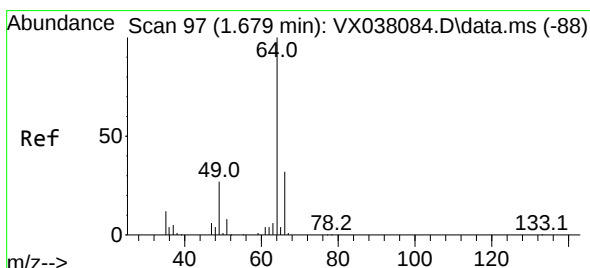
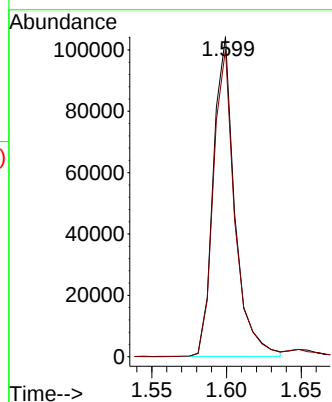
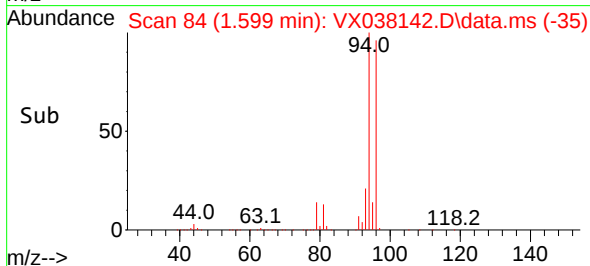
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Tgt Ion: 94 Resp: 10383
Ion Ratio Lower Upper
94 100
96 96.1 74.6 111.8

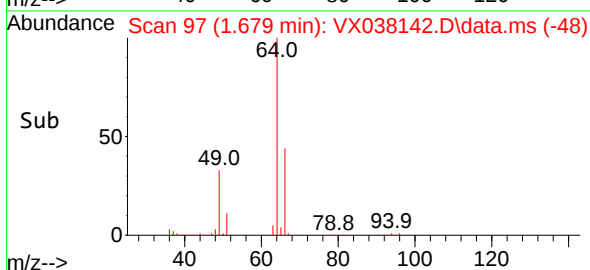
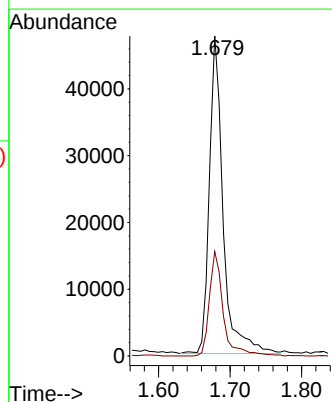
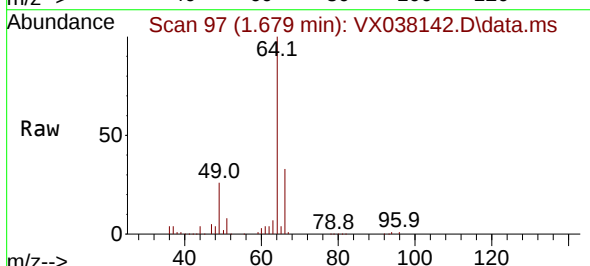
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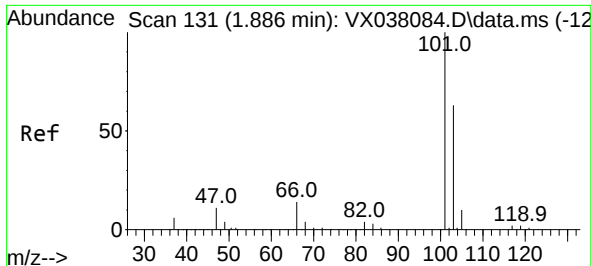
Reviewed By :John Carlone 10/09/2023
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#6
Chloroethane
Concen: 61.090 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

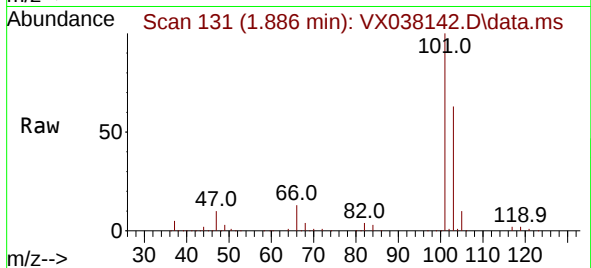
Tgt Ion: 64 Resp: 63636
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 58.140 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

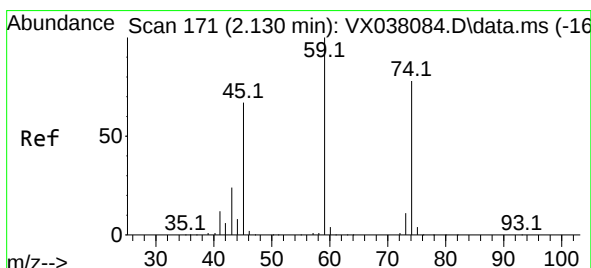
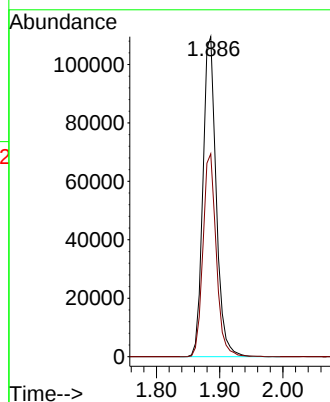
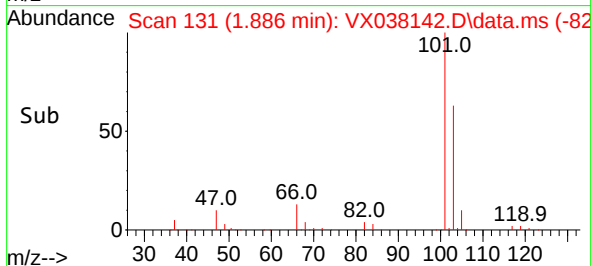
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 160085
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

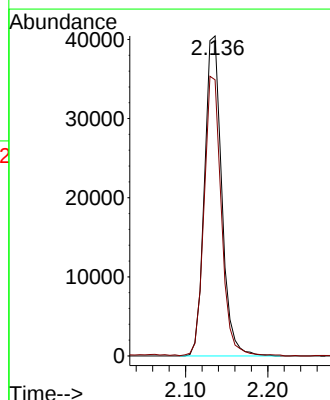
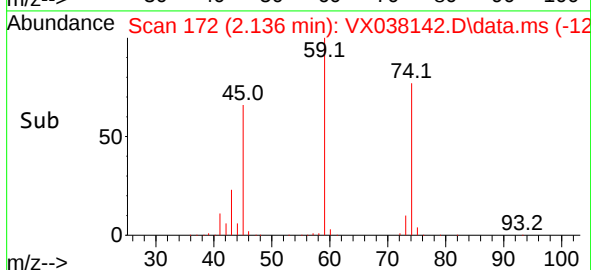
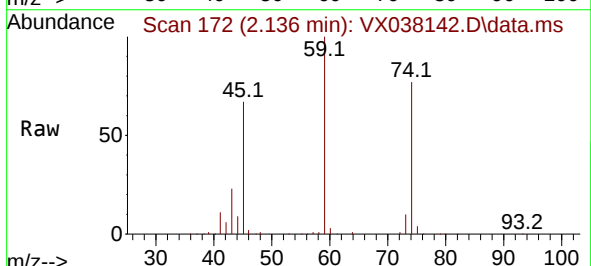
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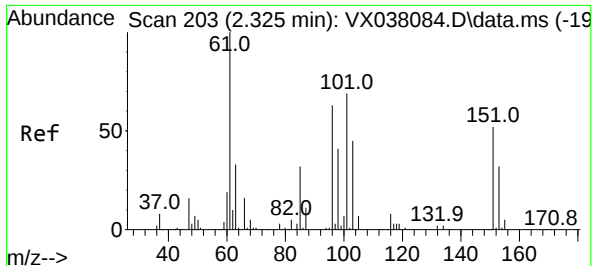
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#8
Diethyl Ether
Concen: 57.286 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038142.D
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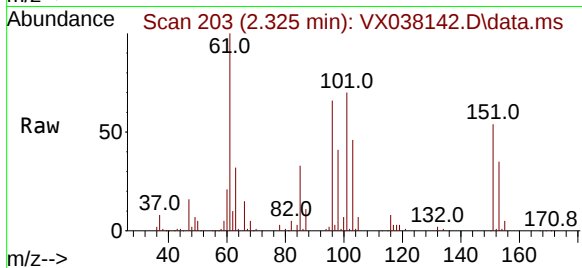
Tgt Ion: 74 Resp: 58827
Ion Ratio Lower Upper
74 100
45 87.6 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.696 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

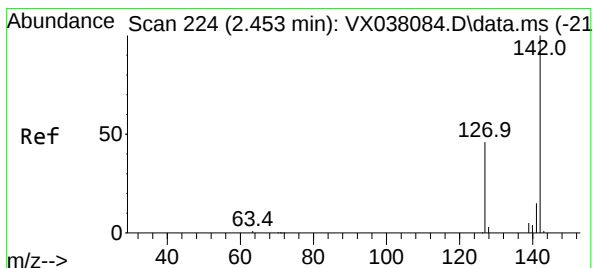
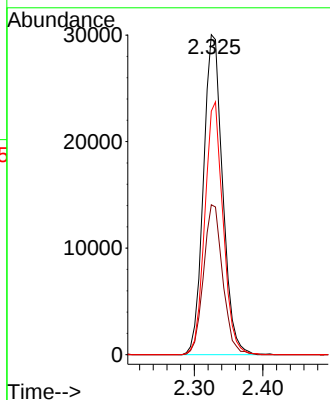
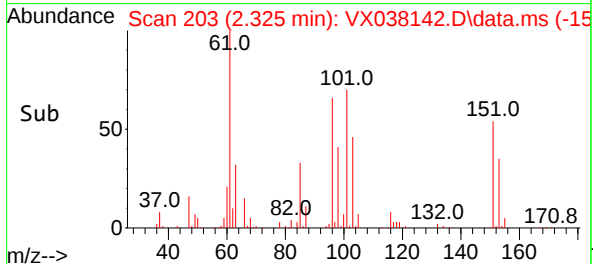
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 58534
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 75.2 58.6 87.8

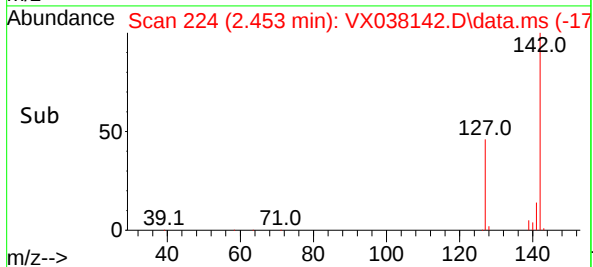
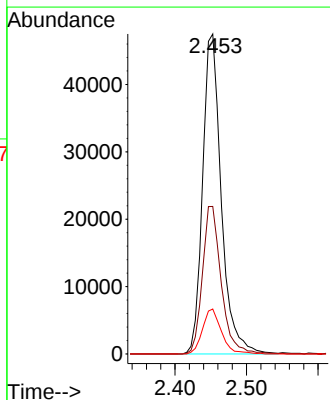
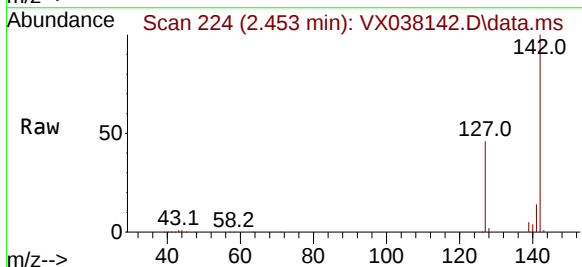
Manual Integrations
APPROVED

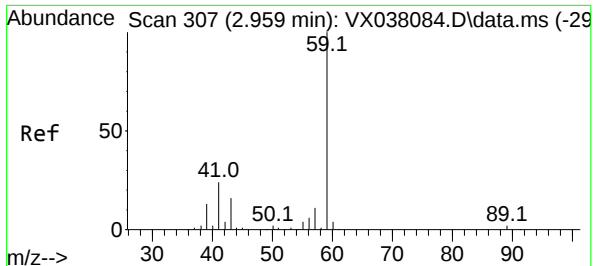
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
Methyl Iodide
Concen: 49.807 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion:142 Resp: 86141
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 246.897 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 112092

Ion Ratio Lower Upper

59 100

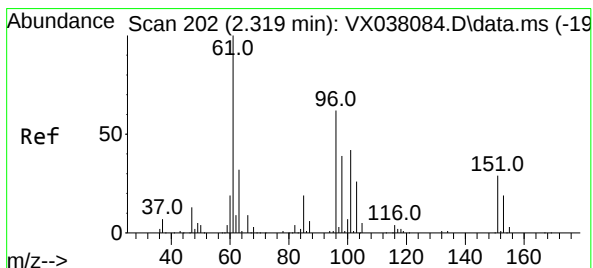
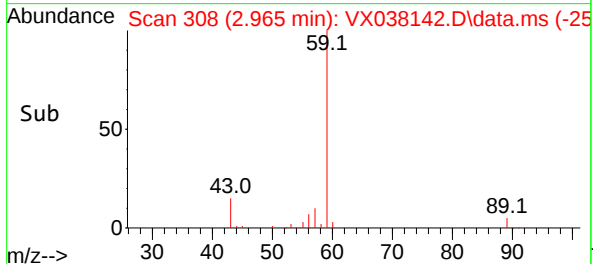
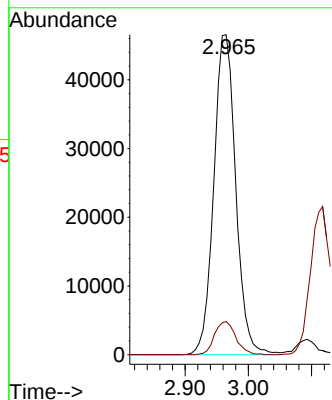
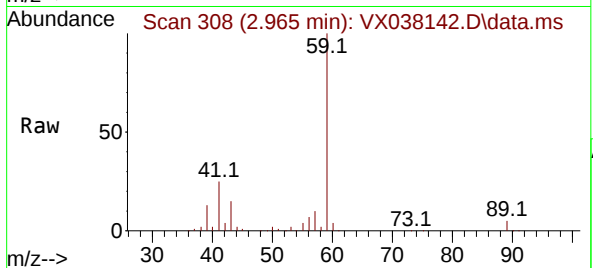
57 10.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#12

1,1-Dichloroethene

Concen: 49.244 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

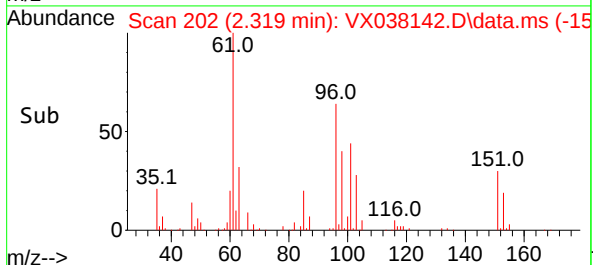
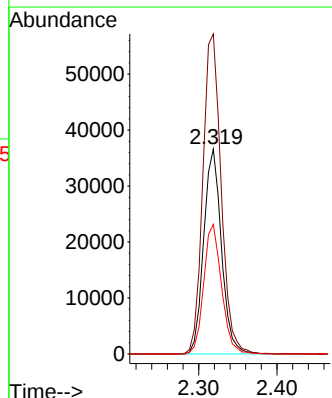
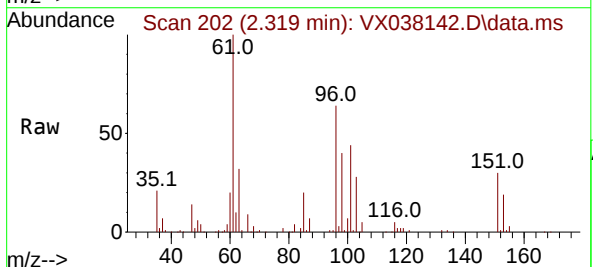
Tgt Ion: 96 Resp: 57578

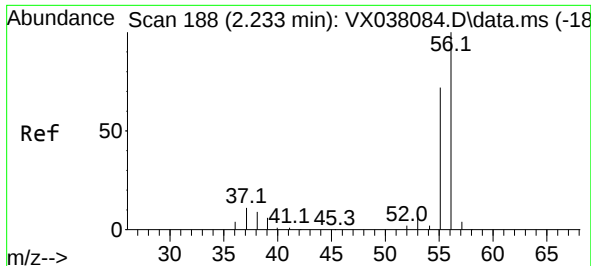
Ion Ratio Lower Upper

96 100

61 156.1 144.6 216.8

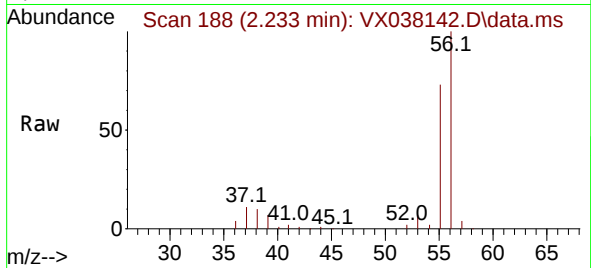
98 63.2 50.4 75.6





#13
Acrolein
Concen: 272.607 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

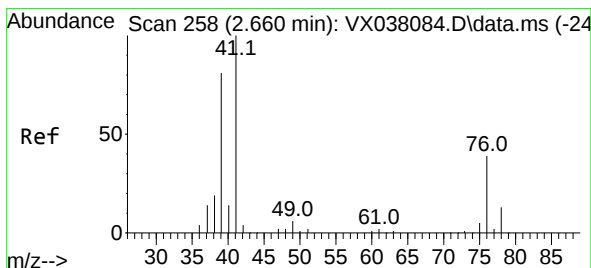
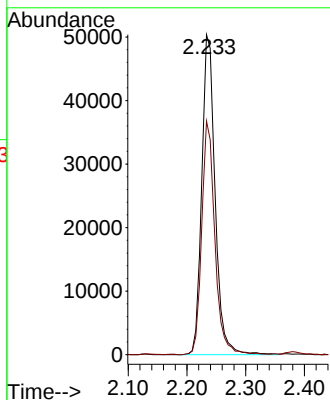
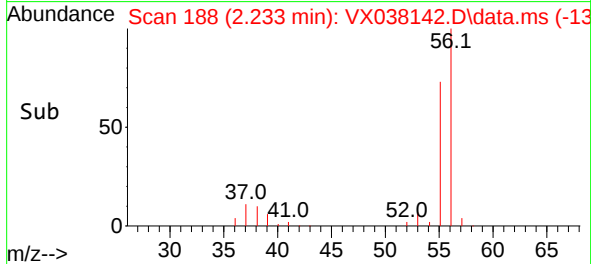
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



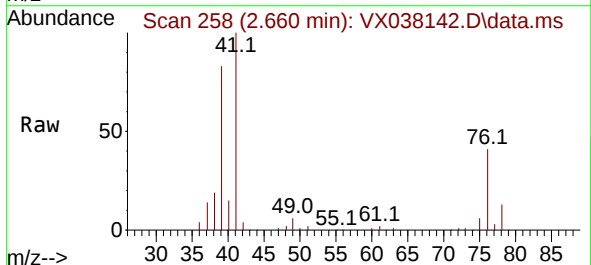
Tgt Ion: 56 Resp: 79660
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7

Manual Integrations
APPROVED

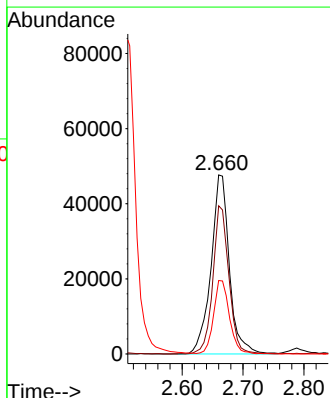
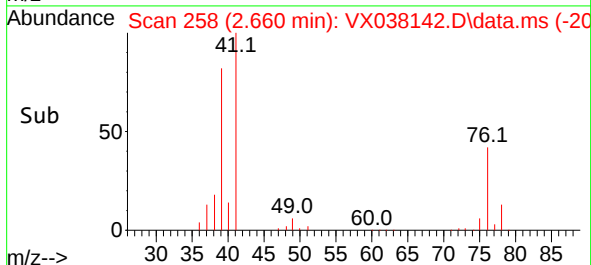
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

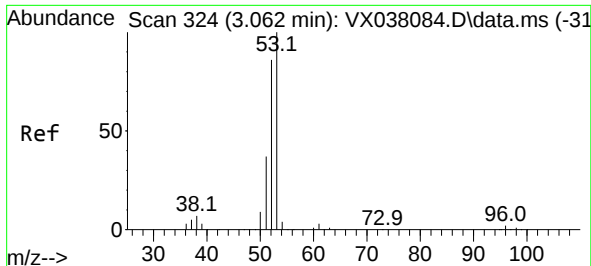


#14
Allyl chloride
Concen: 47.813 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37



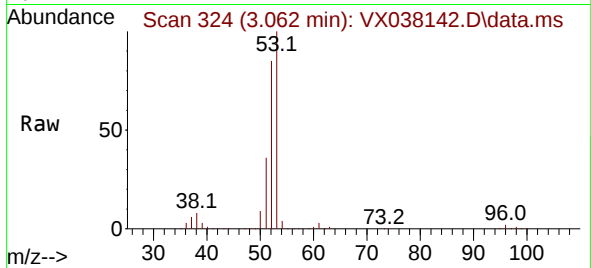
Tgt Ion: 41 Resp: 99994
Ion Ratio Lower Upper
41 100
39 72.0 55.8 83.6
76 35.4 24.3 36.5





#15
Acrylonitrile
Concen: 253.630 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

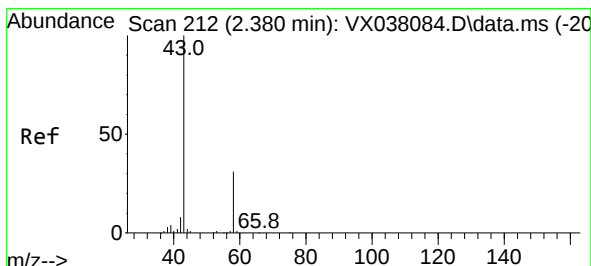
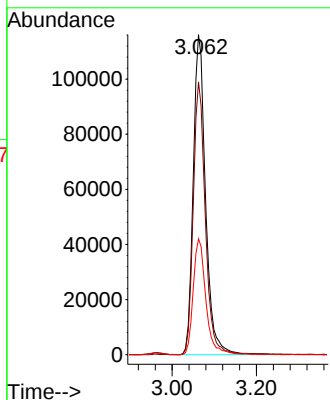
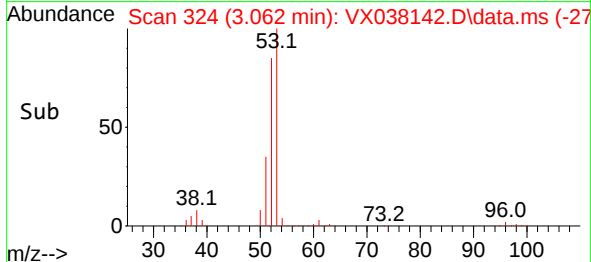
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 23725
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.9 29.8 44.6

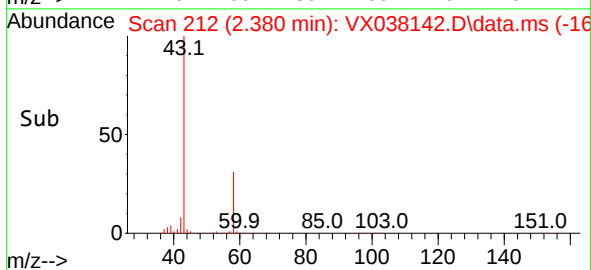
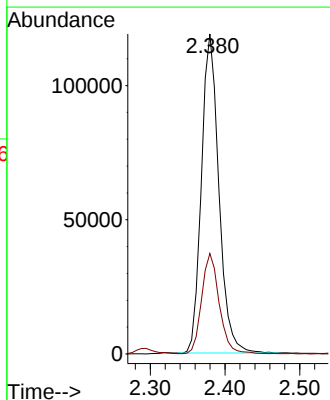
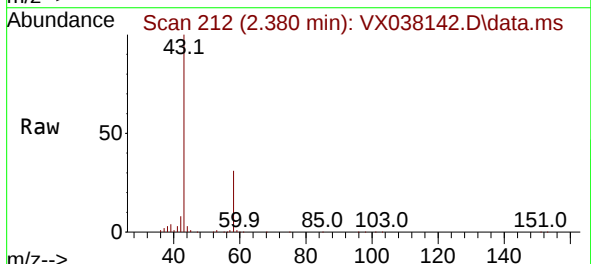
Manual Integrations
APPROVED

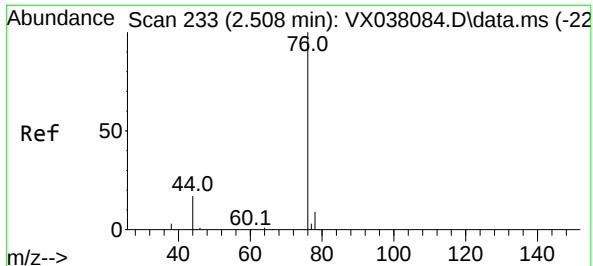
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#16
Acetone
Concen: 224.613 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

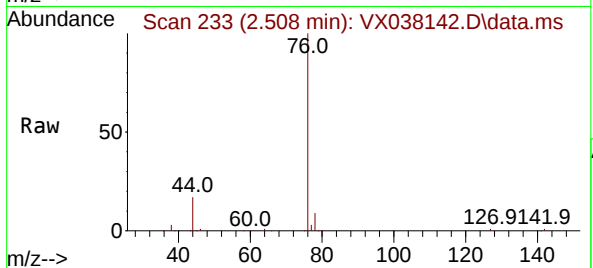
Tgt Ion: 43 Resp: 192690
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#17
Carbon Disulfide
Concen: 43.172 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

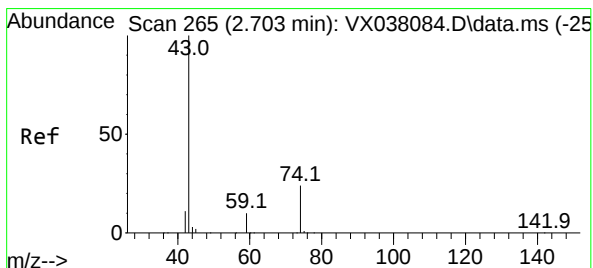
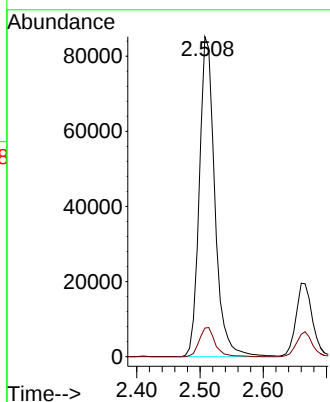
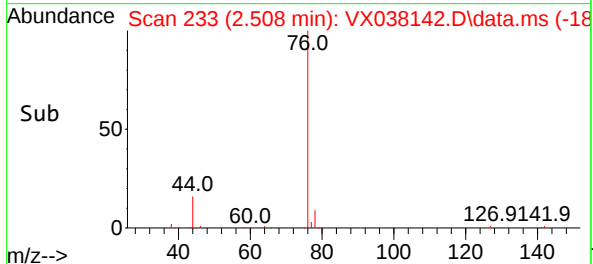
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



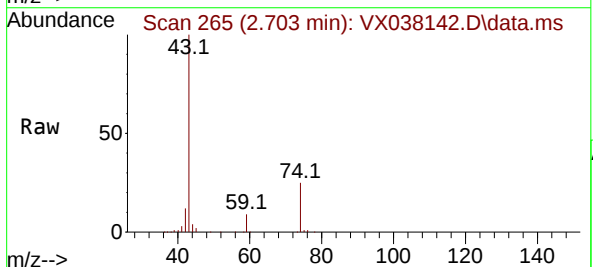
Tgt Ion: 76 Resp: 145489
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
APPROVED

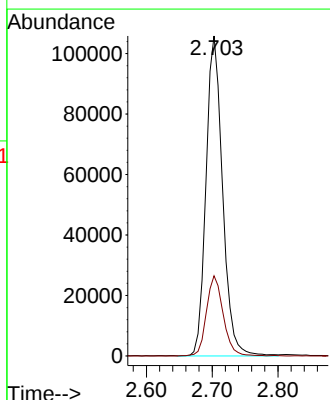
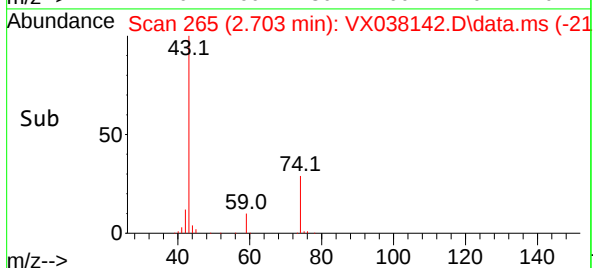
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

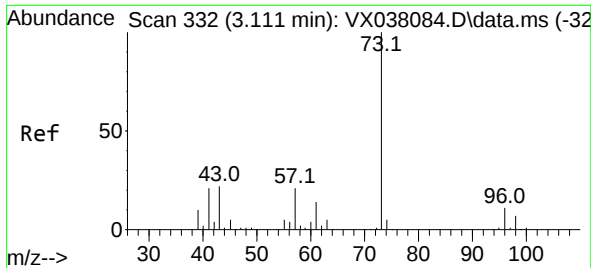


#18
Methyl Acetate
Concen: 50.469 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37



Tgt Ion: 43 Resp: 185670
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.8





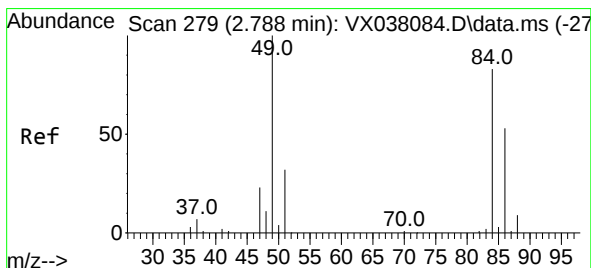
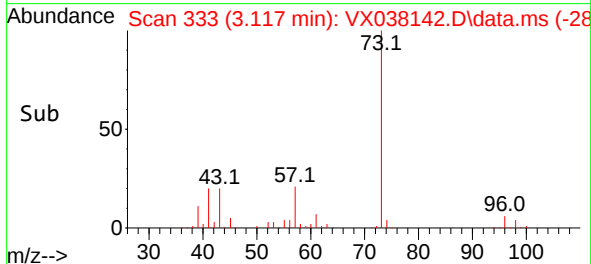
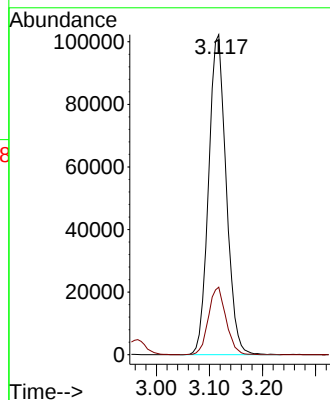
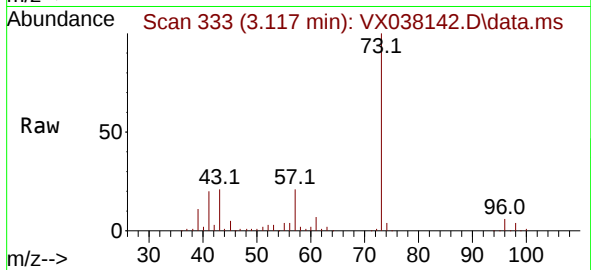
#19
Methyl tert-butyl Ether
Concen: 50.502 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 235174
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

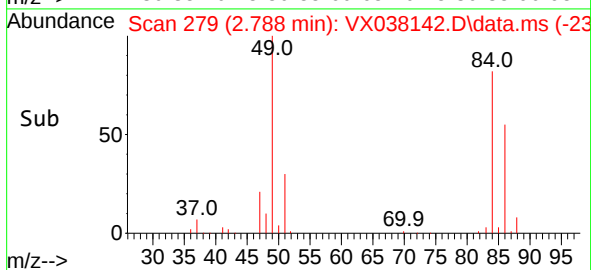
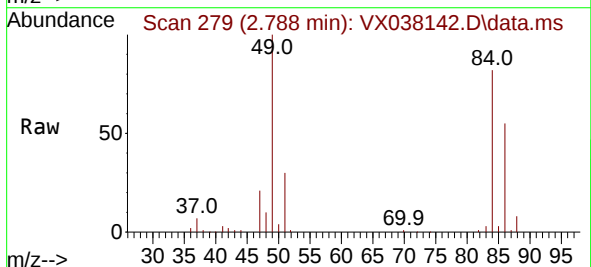
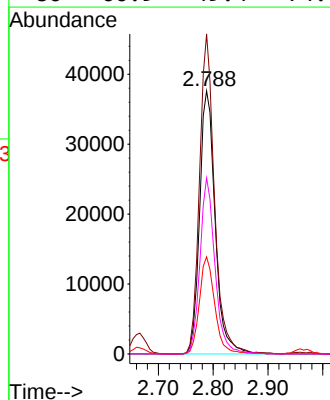
Manual Integrations
APPROVED

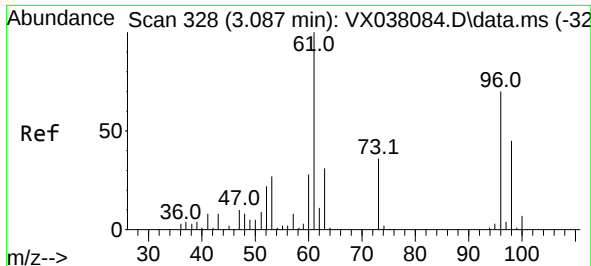
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#20
Methylene Chloride
Concen: 46.079 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

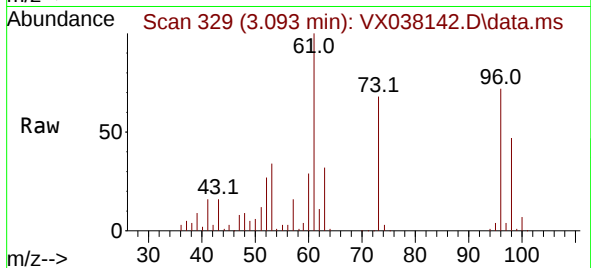
Tgt Ion: 84 Resp: 74355
Ion Ratio Lower Upper
84 100
49 121.6 103.6 155.4
51 36.9 33.8 50.6
86 66.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.323 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

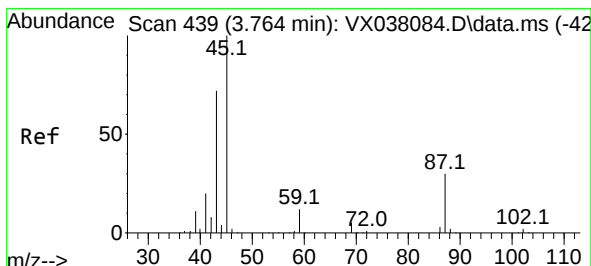
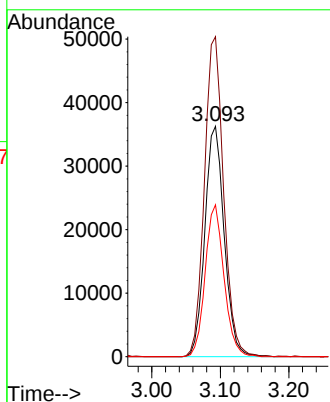
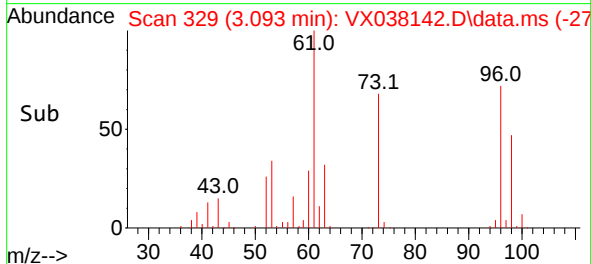
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 71409
Ion Ratio Lower Upper
96 100
61 138.9 119.2 178.8
98 65.9 48.7 73.1

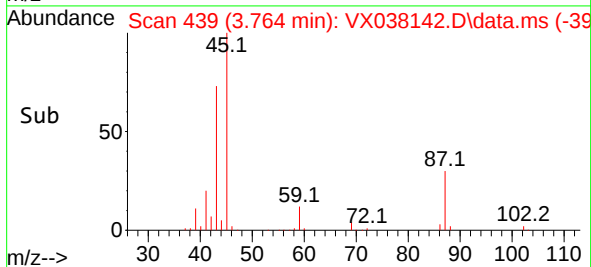
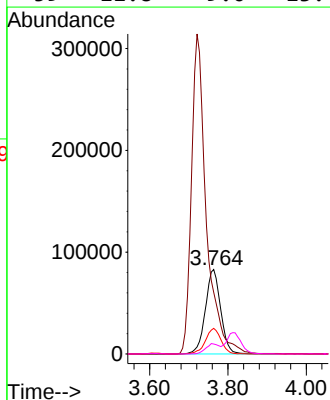
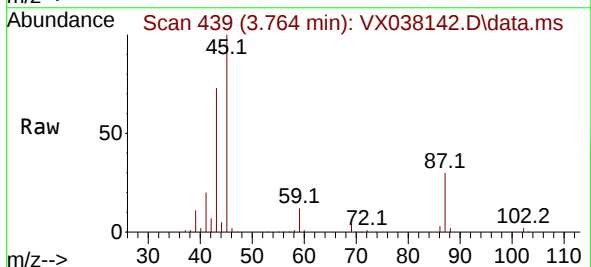
Manual Integrations
APPROVED

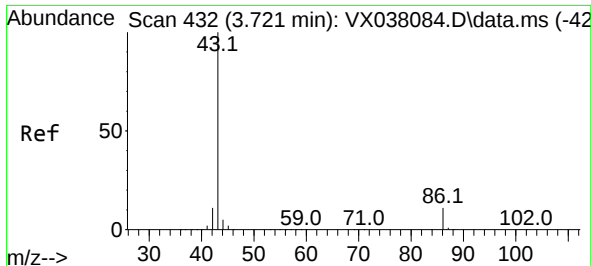
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#22
Diisopropyl ether
Concen: 51.161 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

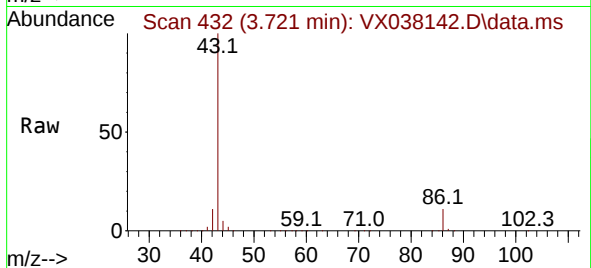
Tgt Ion: 45 Resp: 224250
Ion Ratio Lower Upper
45 100
43 72.6 69.7 104.5
87 30.4 20.8 31.2
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 259.058 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038142.D
 Acq: 06 Oct 2023 19:37

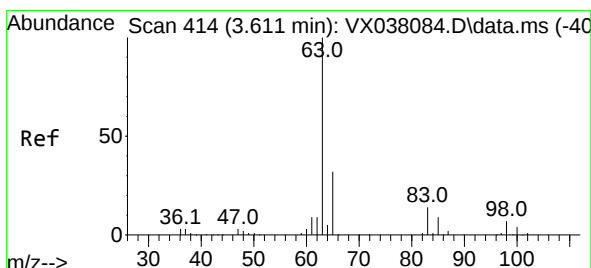
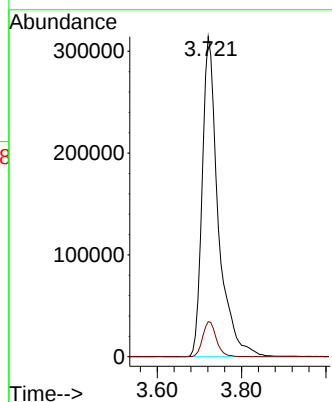
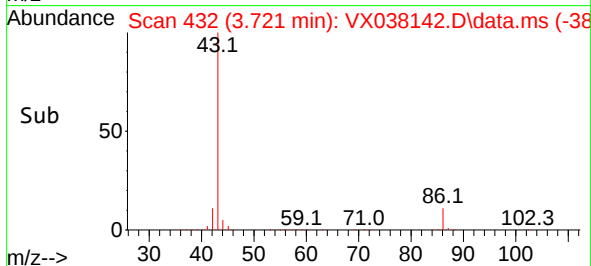
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



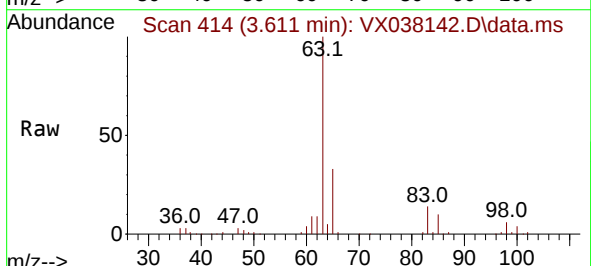
Tgt Ion: 43 Resp: 832715
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

Manual Integrations
 APPROVED

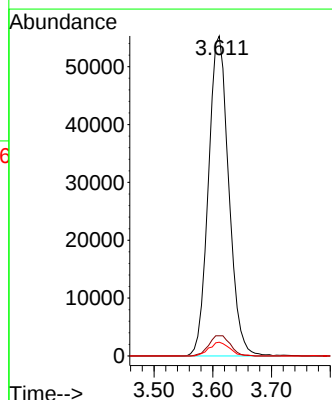
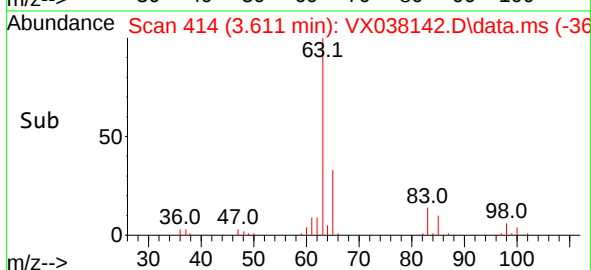
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

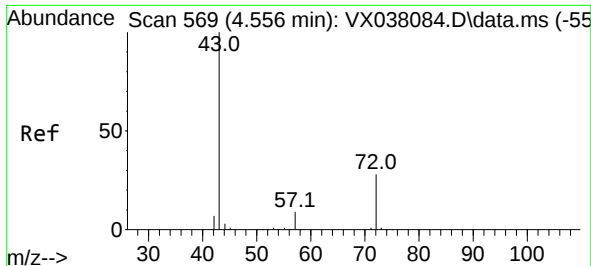


#24
 1,1-Dichloroethane
 Concen: 49.934 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038142.D
 Acq: 06 Oct 2023 19:37



Tgt Ion: 63 Resp: 132828
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 250.522 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 34676

Ion Ratio Lower Upper

43 100

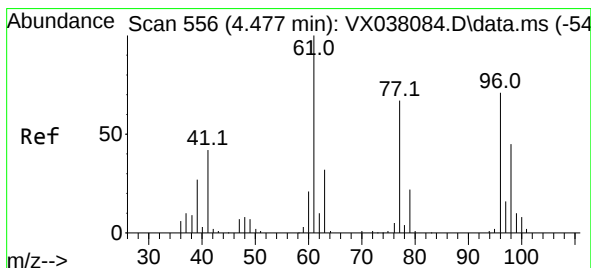
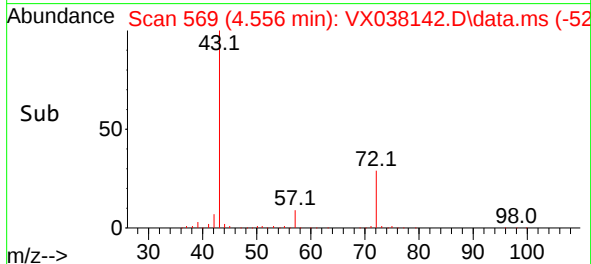
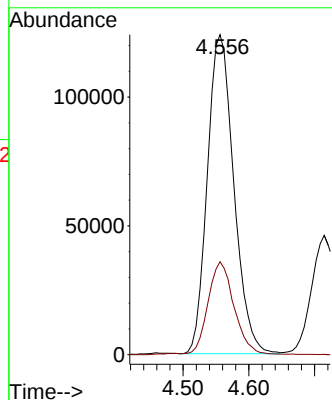
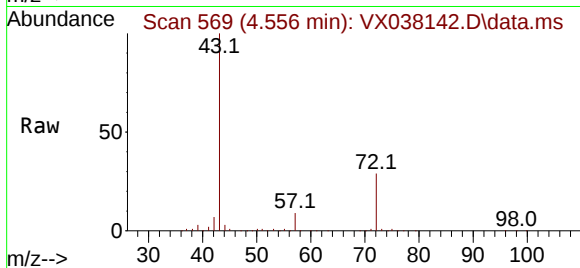
72 28.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#26

2,2-Dichloropropane

Concen: 41.291 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038142.D

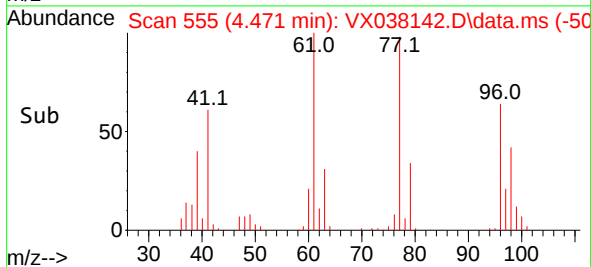
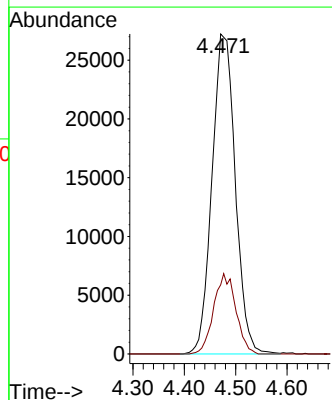
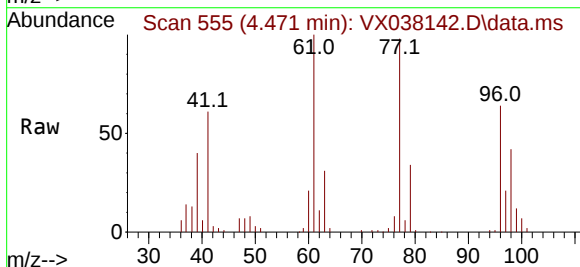
Acq: 06 Oct 2023 19:37

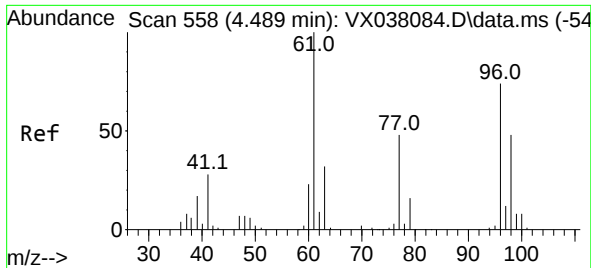
Tgt Ion: 77 Resp: 85754

Ion Ratio Lower Upper

77 100

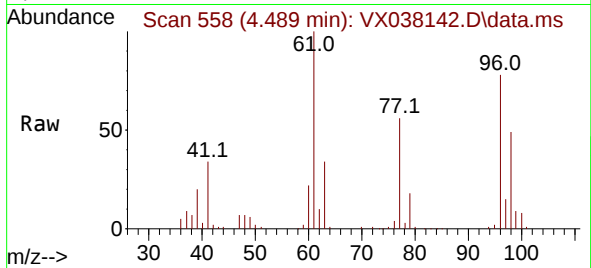
97 23.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.172 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX038142.D
 Acq: 06 Oct 2023 19:37

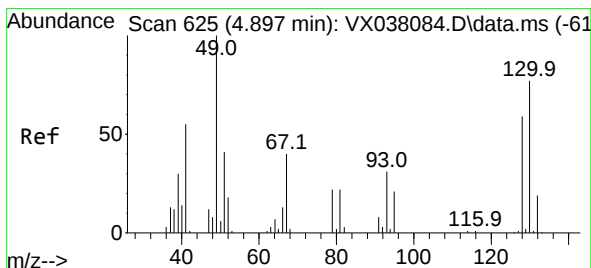
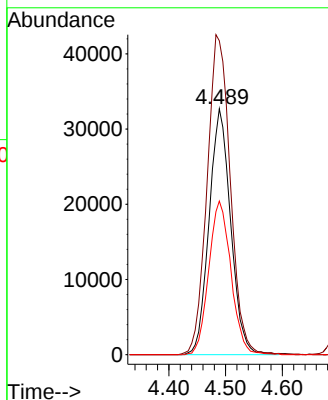
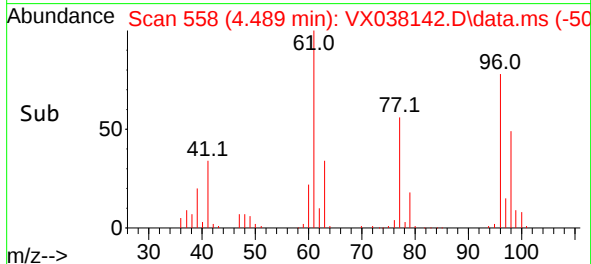
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



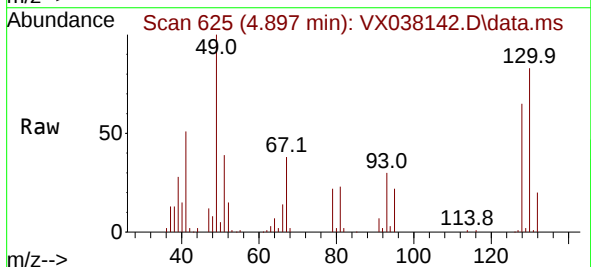
Tgt Ion: 96 Resp: 8650
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 312.2
 98 64.1 0.0 129.0

Manual Integrations
 APPROVED

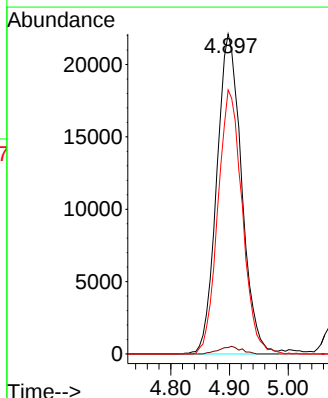
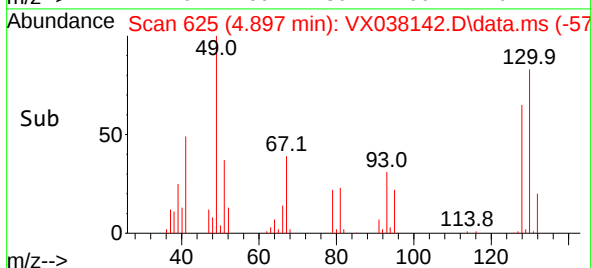
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

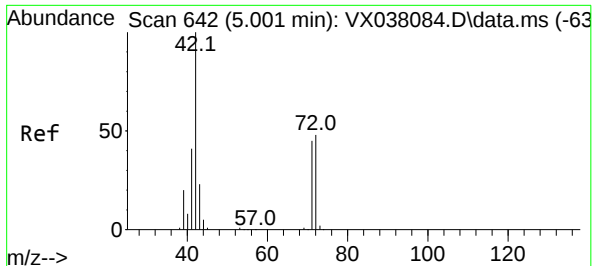


#28
 Bromochloromethane
 Concen: 53.985 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038142.D
 Acq: 06 Oct 2023 19:37



Tgt Ion: 49 Resp: 64827
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 251.637 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 226769

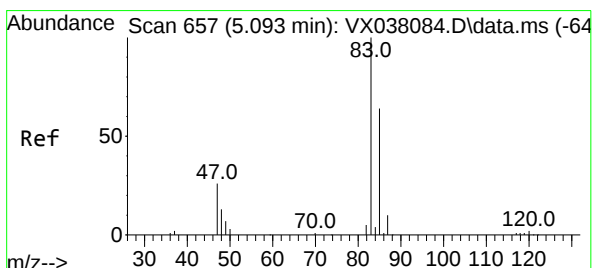
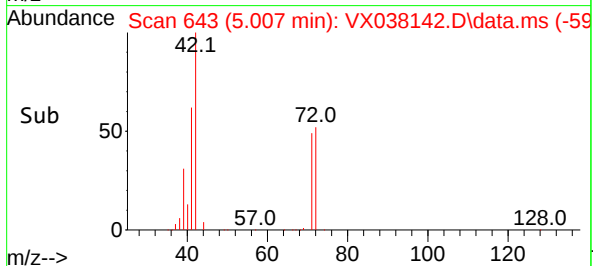
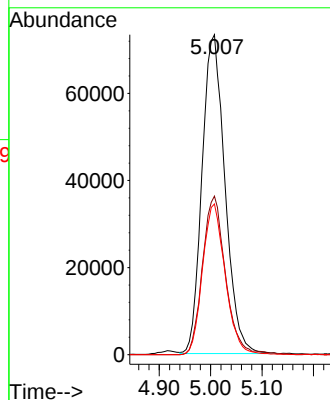
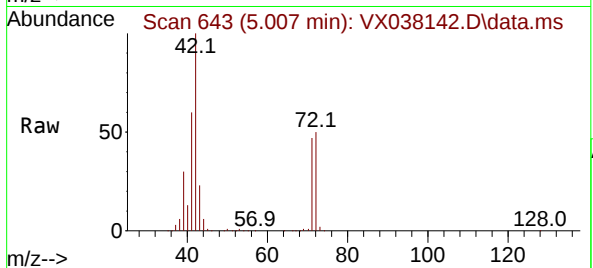
Ion	Ratio	Lower	Upper
42	100		
72	50.1	34.2	51.4
71	47.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#30

Chloroform

Concen: 52.280 ug/l

RT: 5.093 min Scan# 657

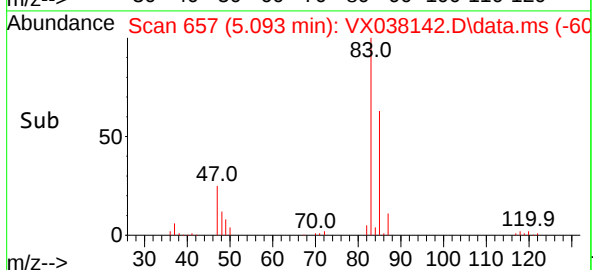
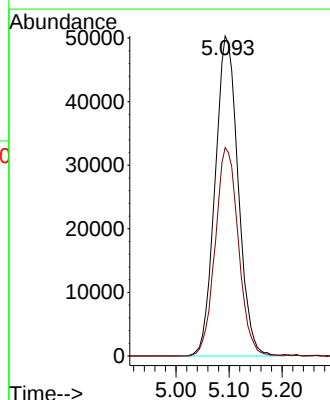
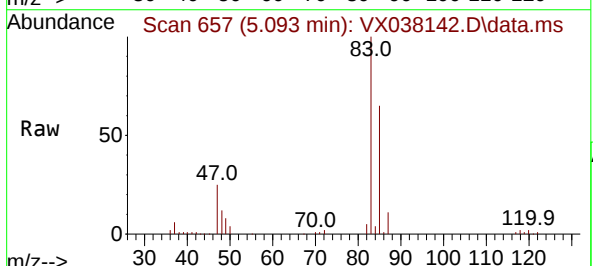
Delta R.T. -0.000 min

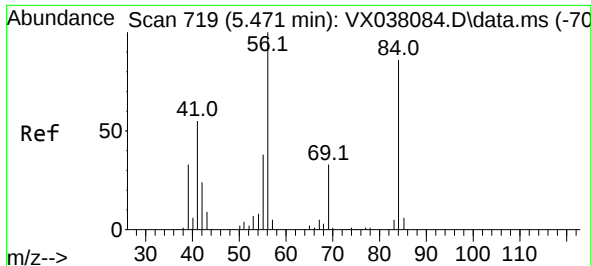
Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Tgt Ion: 83 Resp: 152074

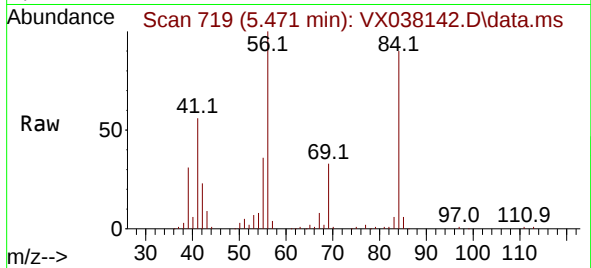
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5





#31
Cyclohexane
Concen: 48.955 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

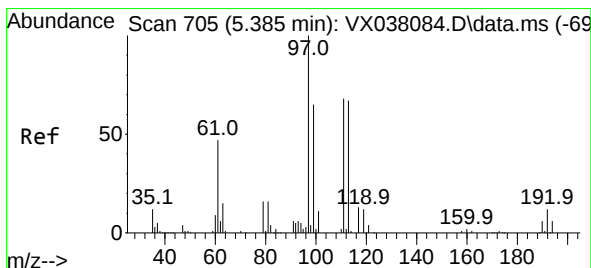
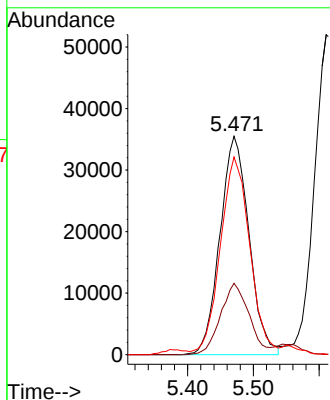
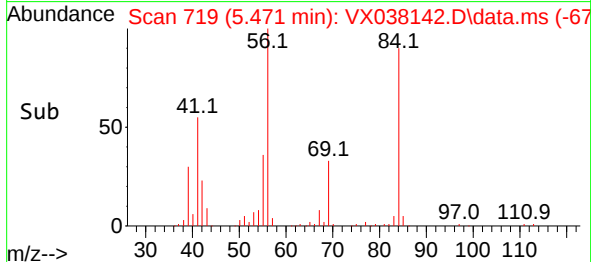
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



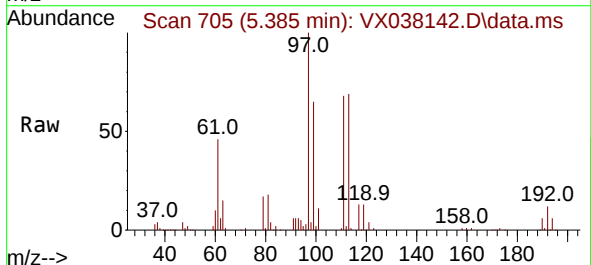
Tgt Ion: 56 Resp: 109025
Ion Ratio Lower Upper
56 100
69 32.7 23.4 35.2
84 88.2 65.9 98.9

Manual Integrations
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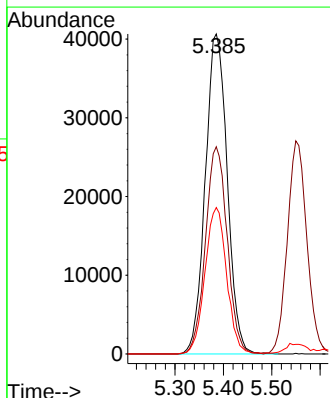
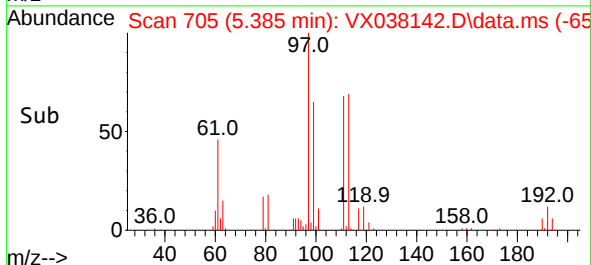
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

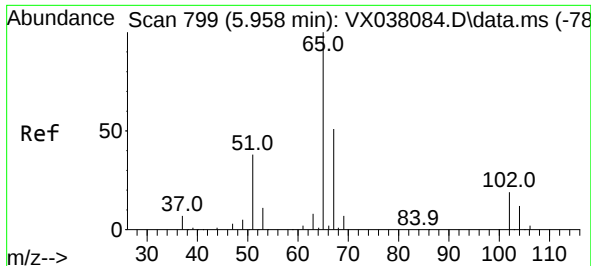


#32
1,1,1-Trichloroethane
Concen: 51.417 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37



Tgt Ion: 97 Resp: 128106
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.656 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10412

Ion Ratio Lower Upper

65 100

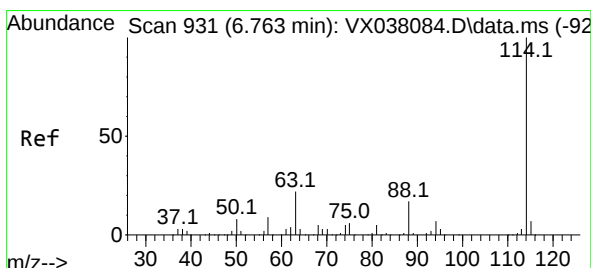
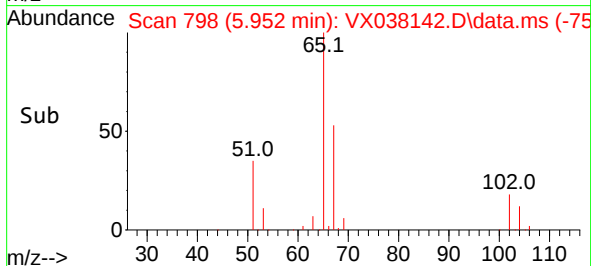
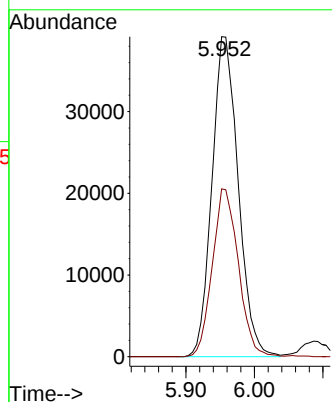
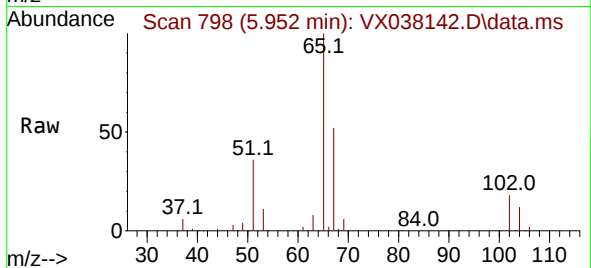
67 52.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

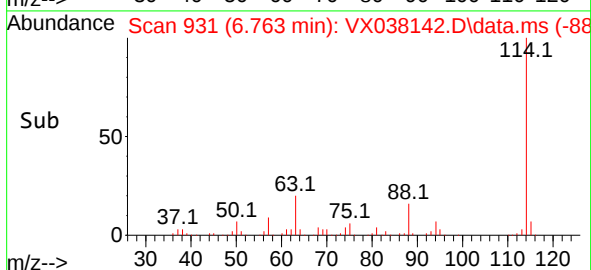
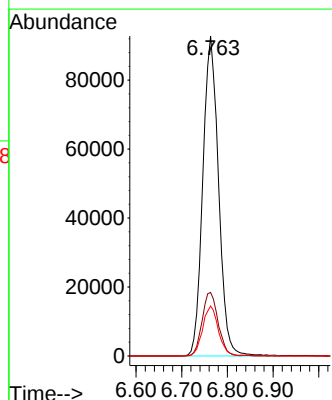
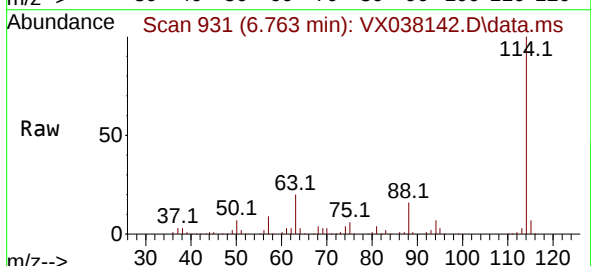
Tgt Ion:114 Resp: 221198

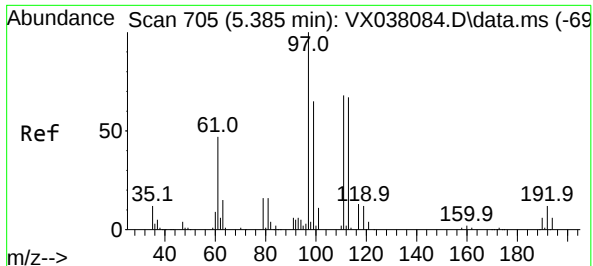
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

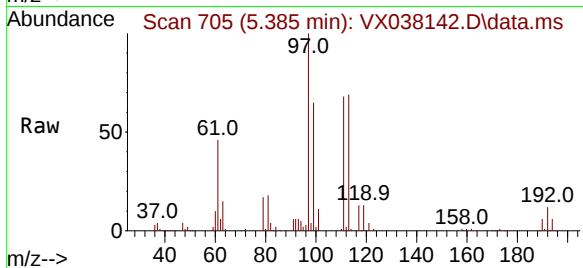
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

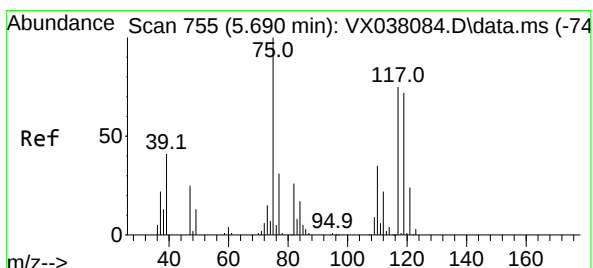
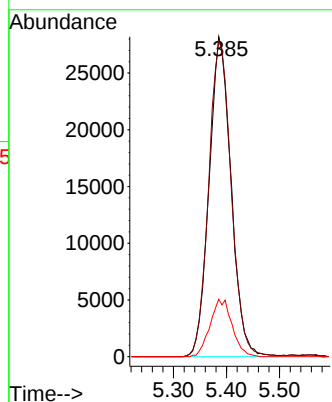
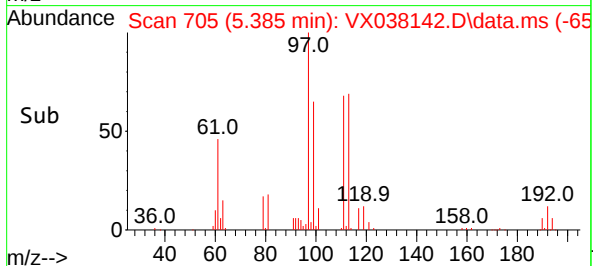
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 8106
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.1 13.3 19.9

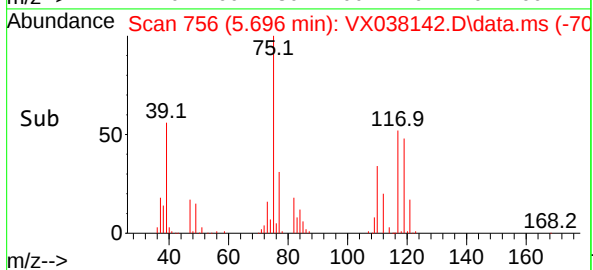
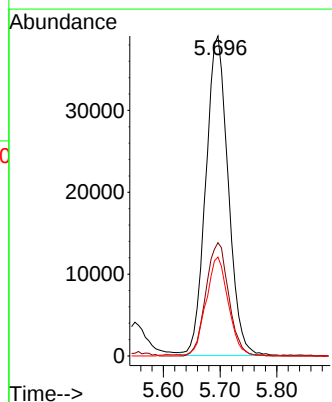
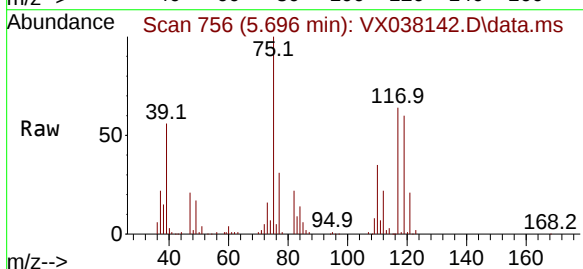
Manual Integrations
APPROVED

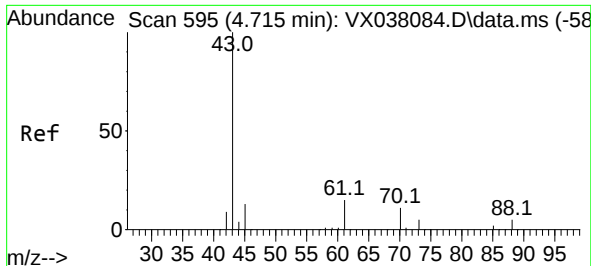
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#36
1,1-Dichloropropene
Concen: 48.727 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

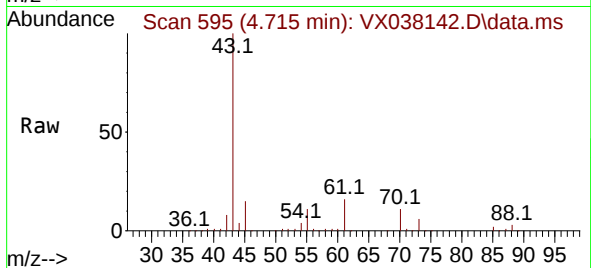
Tgt Ion: 75 Resp: 107099
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 50.958 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

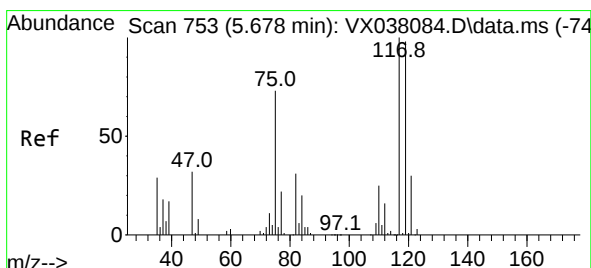
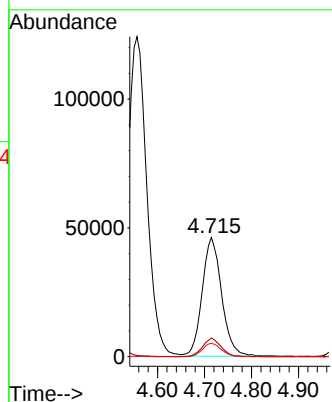
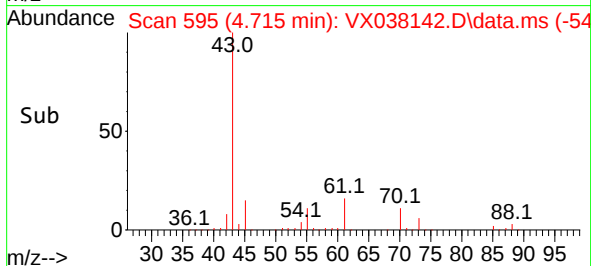
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 133018
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 10.9 8.3 12.5

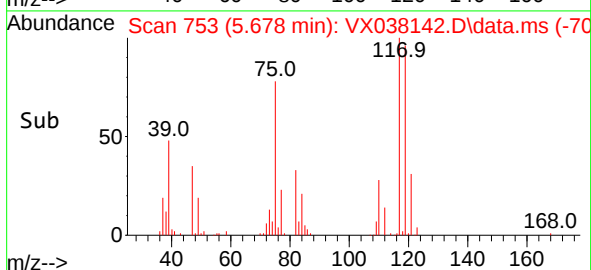
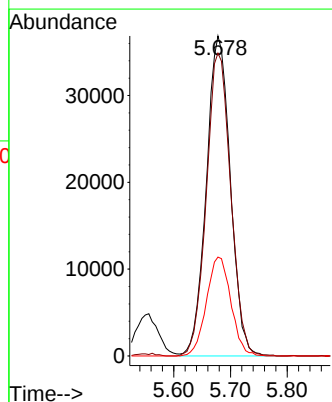
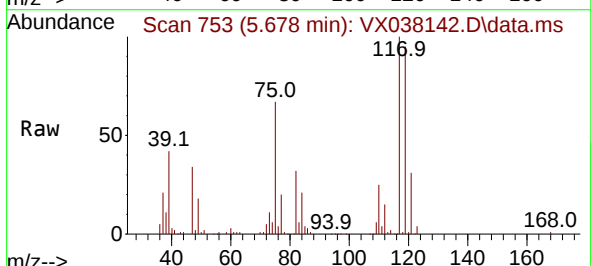
Manual Integrations
APPROVED

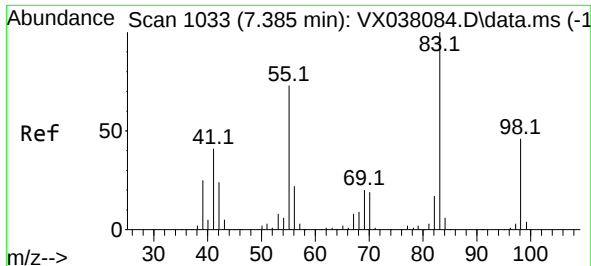
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#38
Carbon Tetrachloride
Concen: 50.163 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion:117 Resp: 108462
Ion Ratio Lower Upper
117 100
119 94.7 78.2 117.2
121 30.9 24.4 36.6





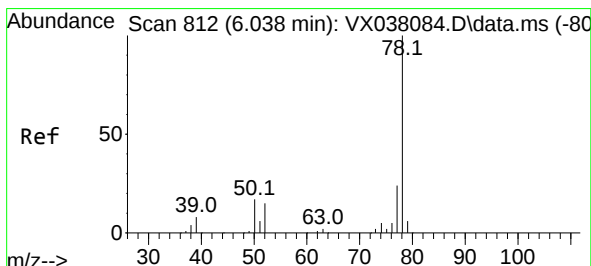
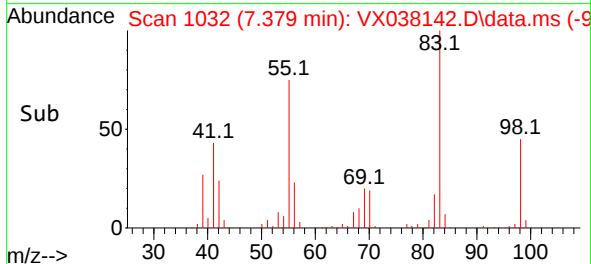
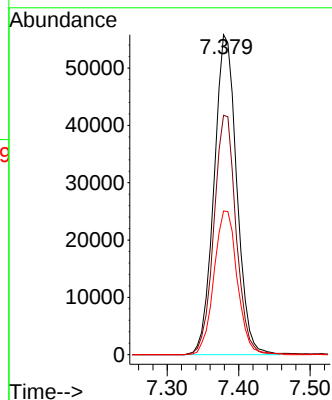
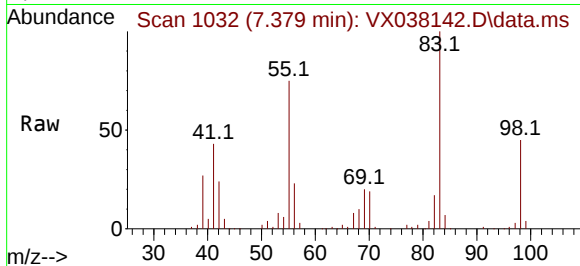
#39
Methylcyclohexane
Concen: 47.851 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 123192
Ion Ratio Lower Upper
83 100
55 74.8 64.6 97.0
98 44.9 36.7 55.1

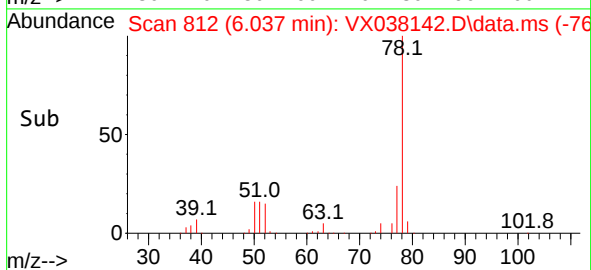
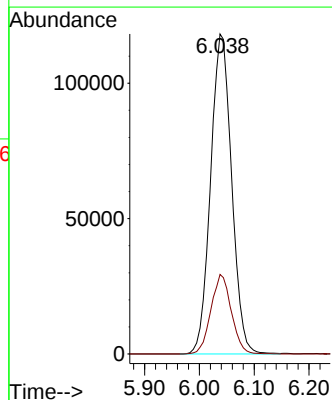
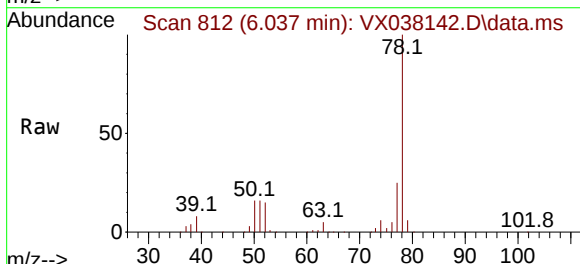
Manual Integrations
APPROVED

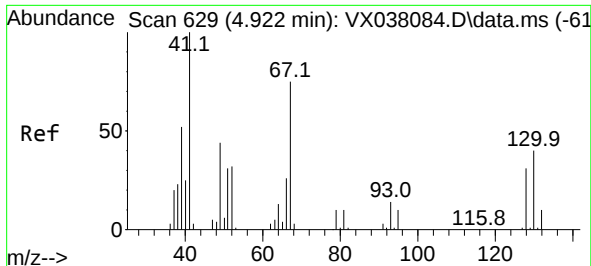
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#40
Benzene
Concen: 51.200 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

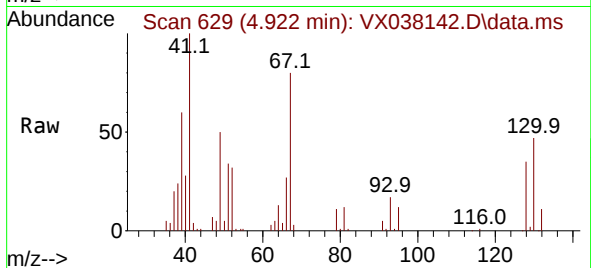
Tgt Ion: 78 Resp: 314749
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9





#41
Methacrylonitrile
Concen: 50.858 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

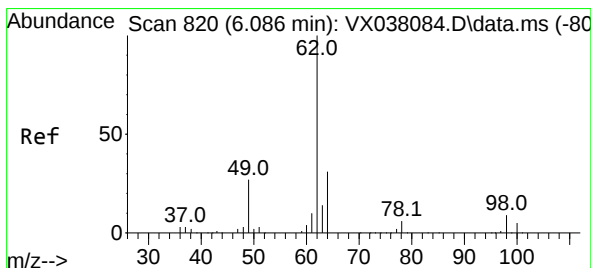
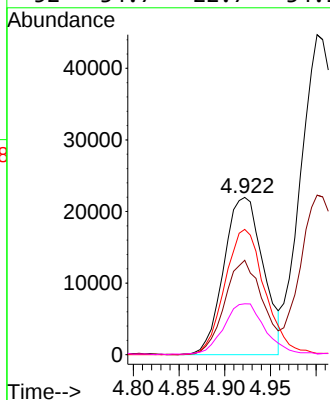
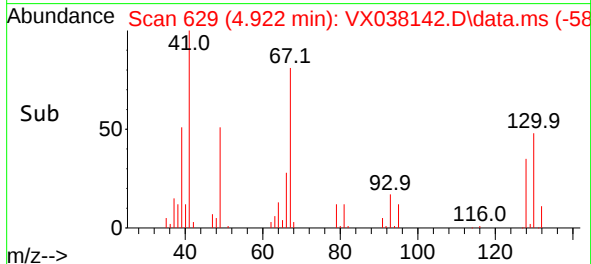
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6604
Ion Ratio Lower Upper
41 100
39 57.9 45.2 67.8
67 81.2 52.6 78.8
52 34.7 22.7 34.1#

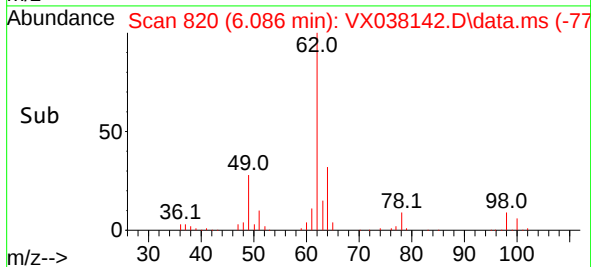
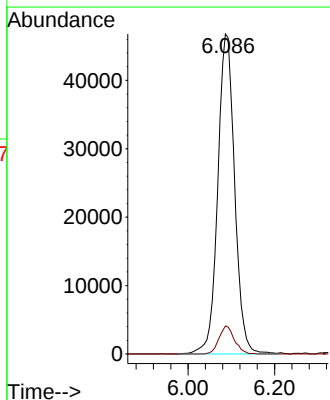
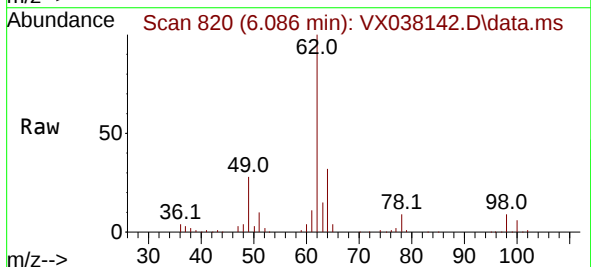
Manual Integrations
APPROVED

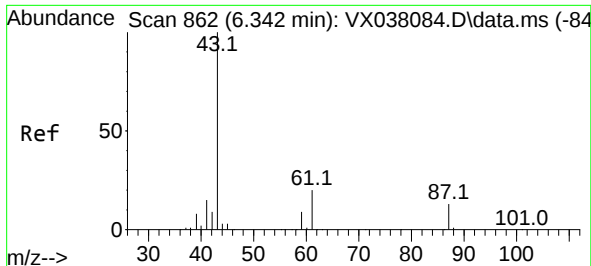
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#42
1,2-Dichloroethane
Concen: 51.636 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion: 62 Resp: 126826
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.896 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038142.D

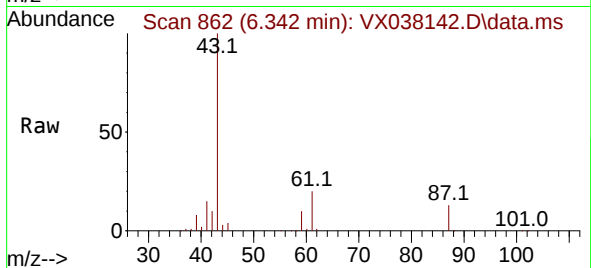
Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



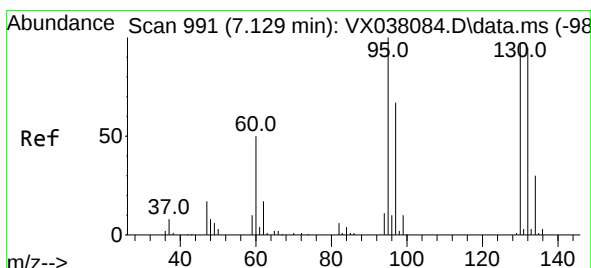
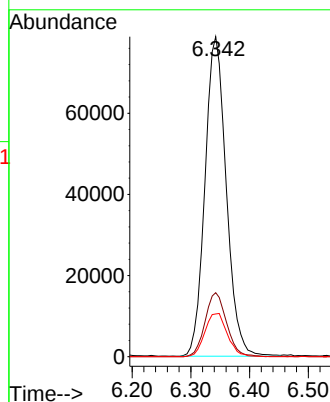
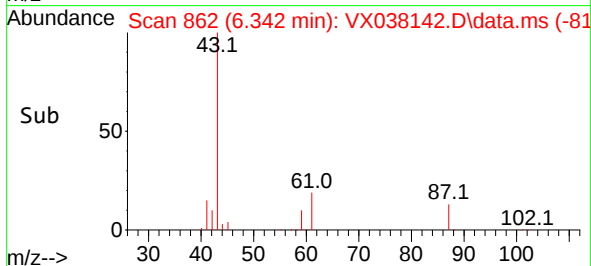
Tgt Ion: 43	Resp: 198330
Ion Ratio	Lower Upper
43	100
61	20.2 15.2 22.8
87	14.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#44

Trichloroethene

Concen: 50.473 ug/l

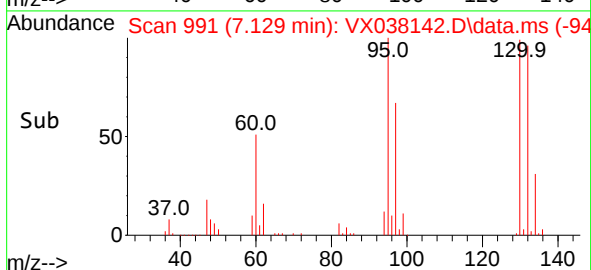
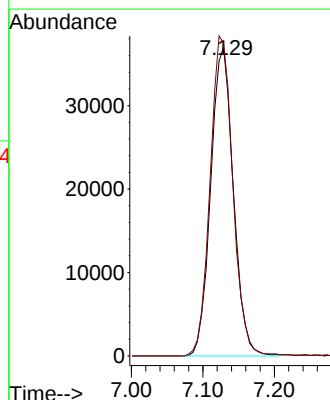
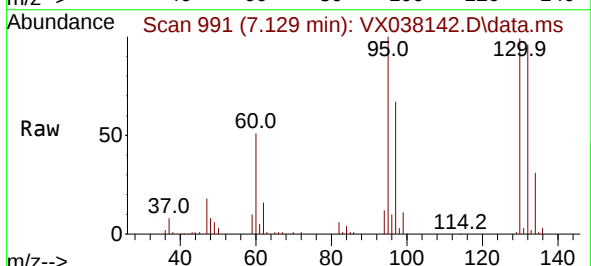
RT: 7.129 min Scan# 991

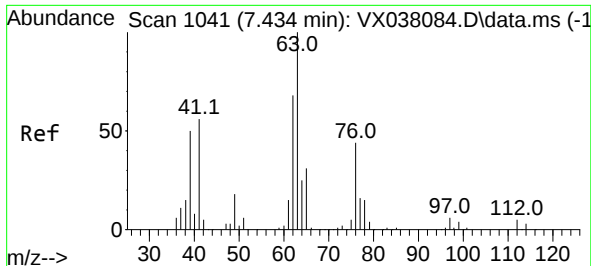
Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

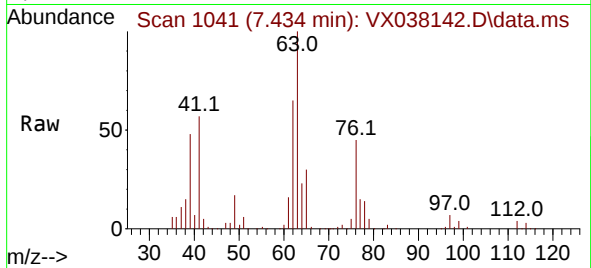
Tgt Ion:130	Resp: 81155
Ion Ratio	Lower Upper
130	100
95	101.2 0.0 204.4





#45
1,2-Dichloropropane
Concen: 50.896 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

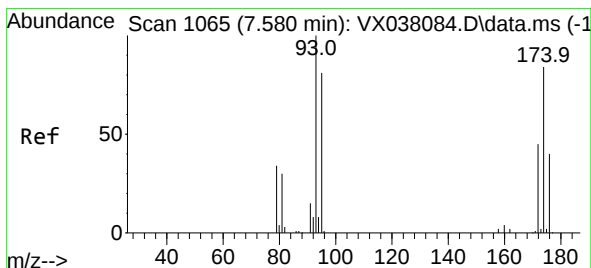
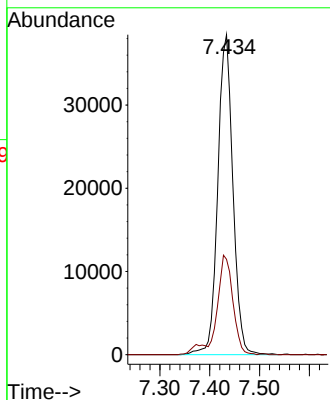
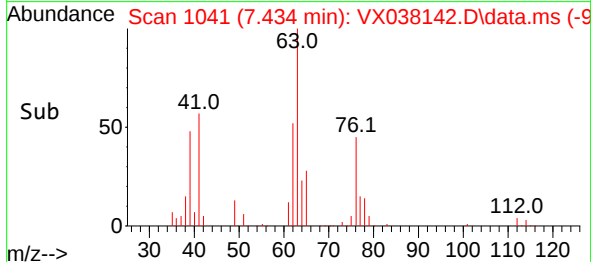
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 80980
Ion Ratio Lower Upper
63 100
65 29.8 24.3 36.5

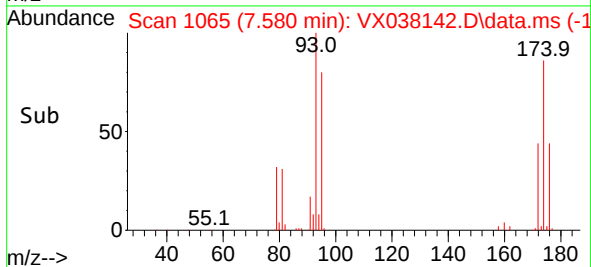
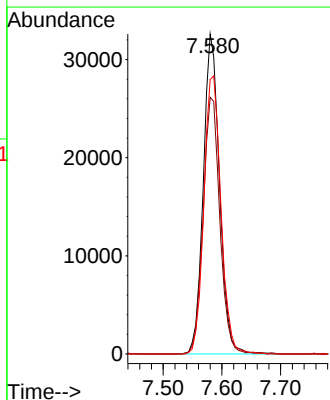
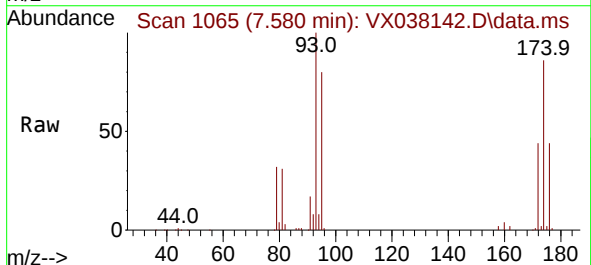
Manual Integrations
APPROVED

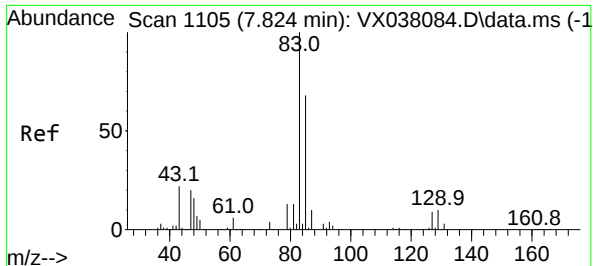
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#46
Dibromomethane
Concen: 50.562 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion: 93 Resp: 62395
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 91.5 69.4 104.0





#47

Bromodichloromethane

Concen: 53.445 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11732

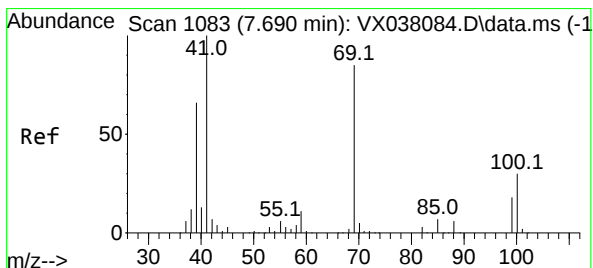
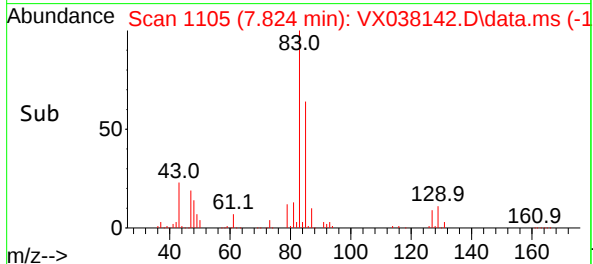
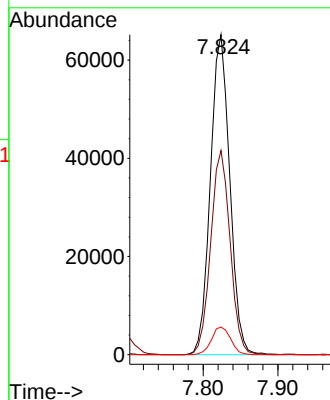
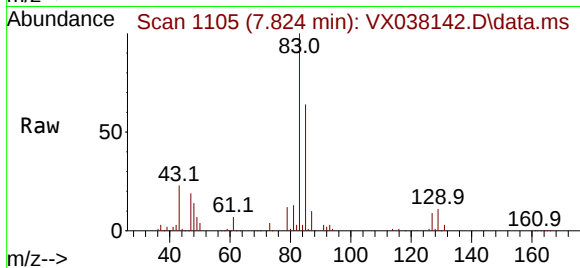
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.8	74.6
127	8.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#48

Methyl methacrylate

Concen: 52.200 ug/l

RT: 7.696 min Scan# 1084

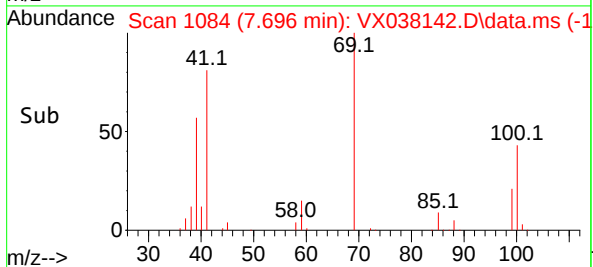
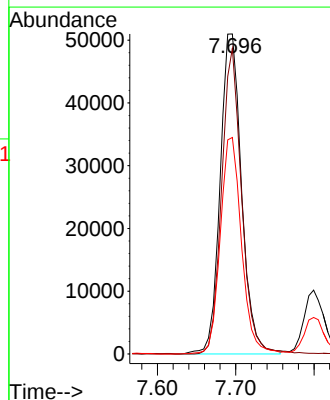
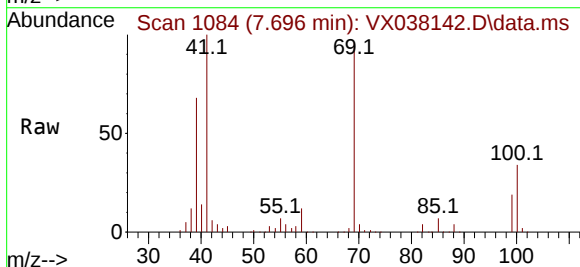
Delta R.T. 0.006 min

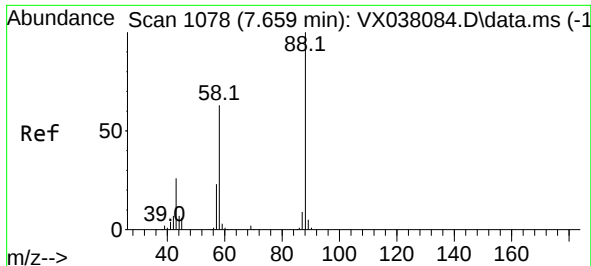
Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Tgt Ion: 41 Resp: 97107

Ion	Ratio	Lower	Upper
41	100		
69	89.2	59.2	88.8
39	67.1	47.7	71.5





#49

1,4-Dioxane

Concen: 1058.833 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 48538

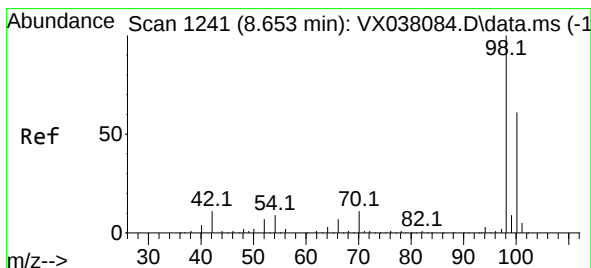
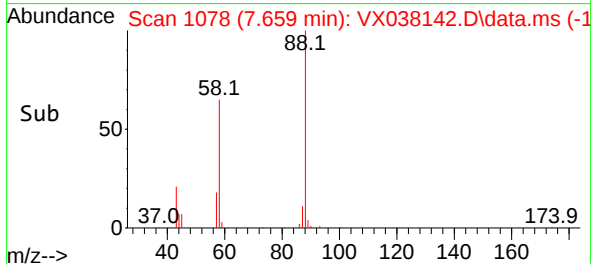
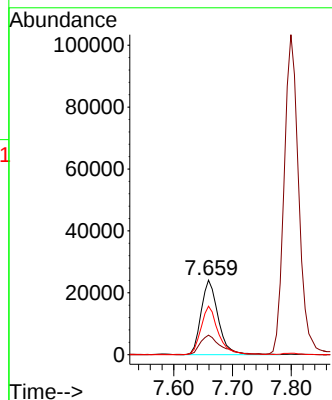
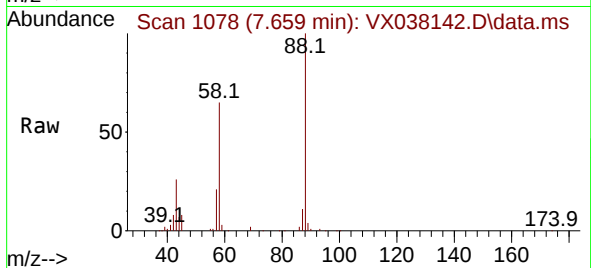
Ion	Ratio	Lower	Upper
88	100		
43	31.4	0.0	0.0
58	65.7	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#50

Toluene-d8

Concen: 52.063 ug/l

RT: 8.647 min Scan# 1240

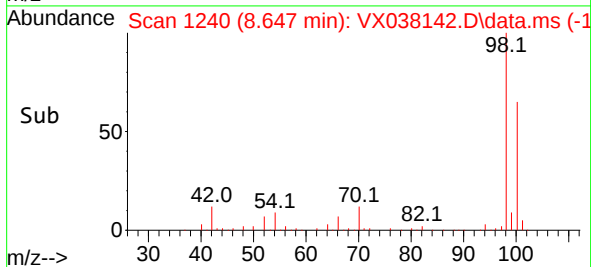
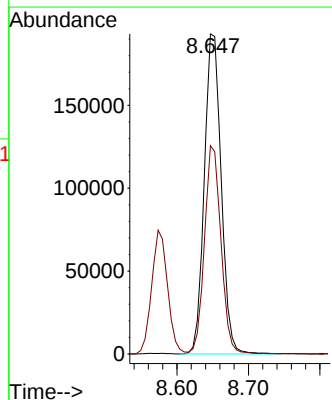
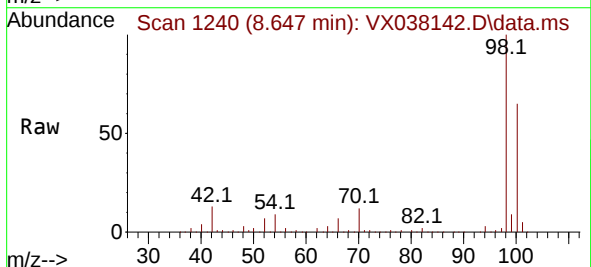
Delta R.T. -0.006 min

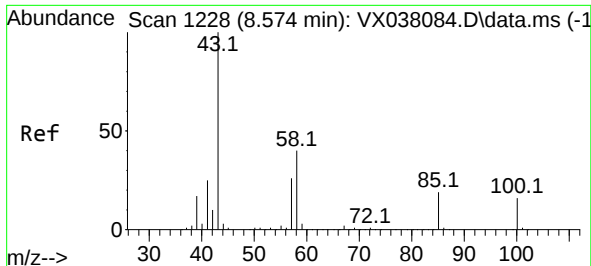
Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Tgt Ion: 98 Resp: 317091

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.1	79.7





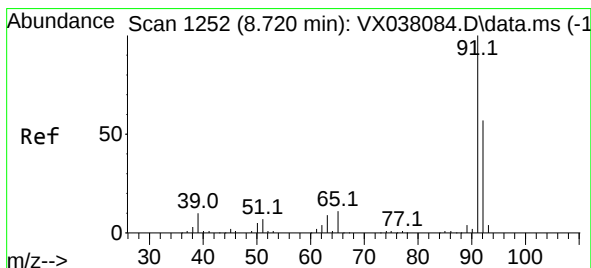
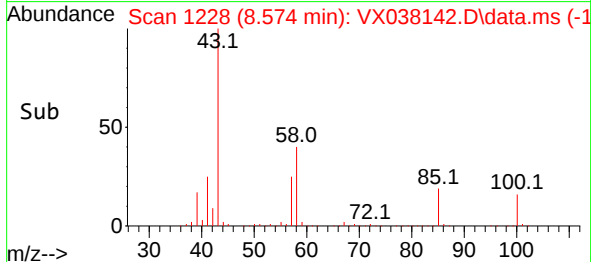
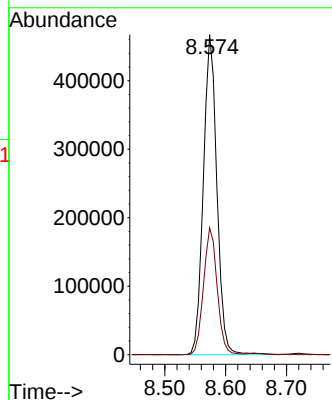
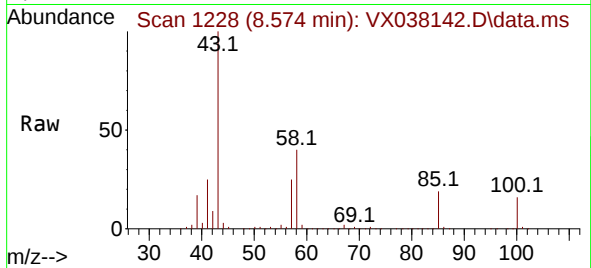
#51
4-Methyl-2-Pentanone
Concen: 268.883 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 72271
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

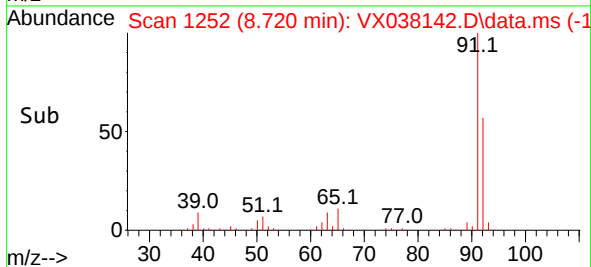
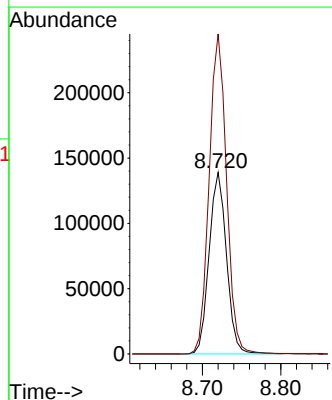
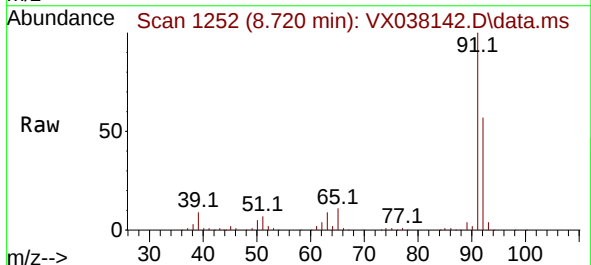
Manual Integrations
APPROVED

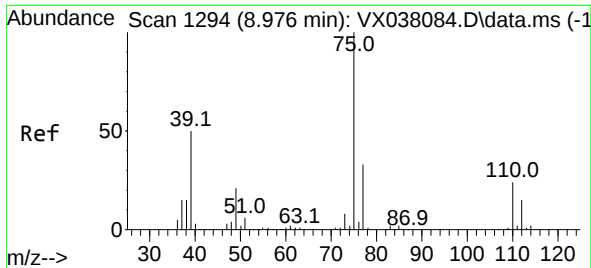
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#52
Toluene
Concen: 53.361 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion: 92 Resp: 213684
Ion Ratio Lower Upper
92 100
91 176.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.816 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12445

Ion Ratio Lower Upper

75 100

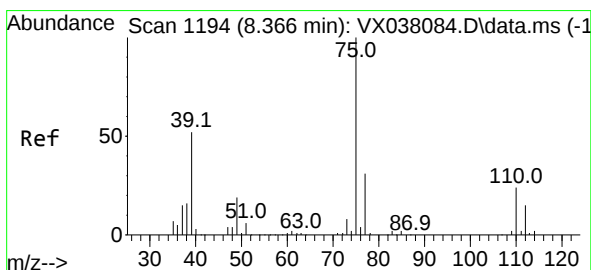
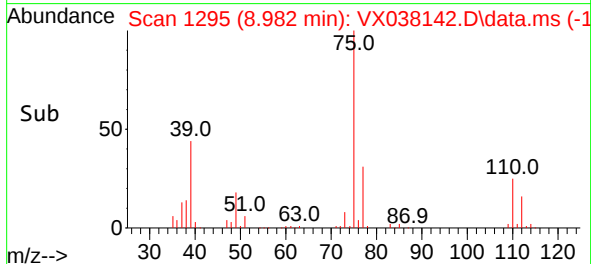
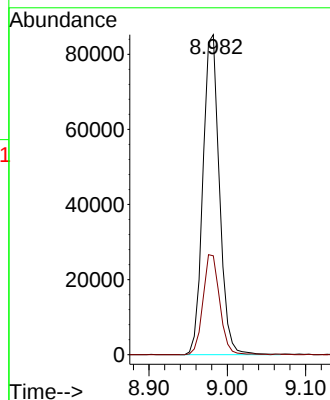
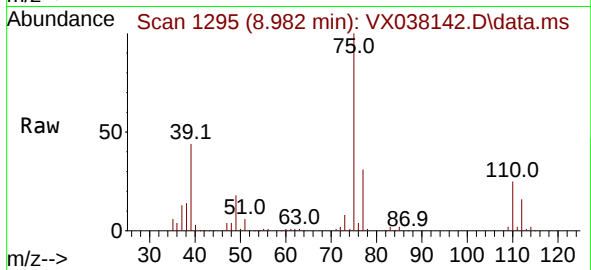
77 30.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#54

cis-1,3-Dichloropropene

Concen: 51.744 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

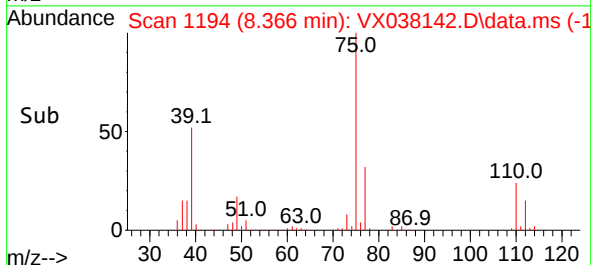
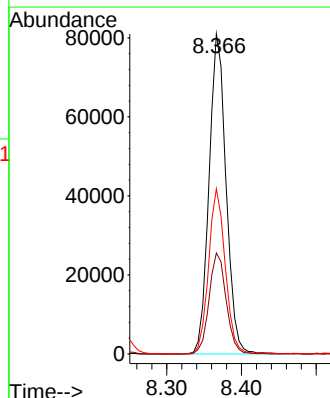
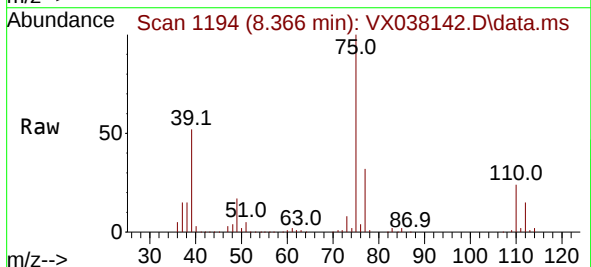
Tgt Ion: 75 Resp: 128105

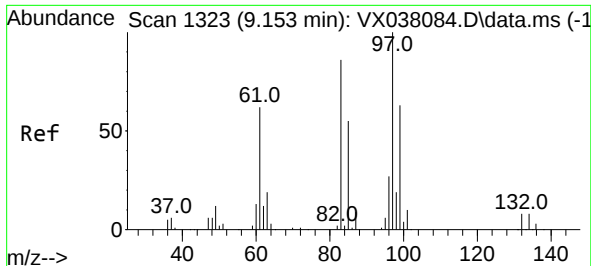
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

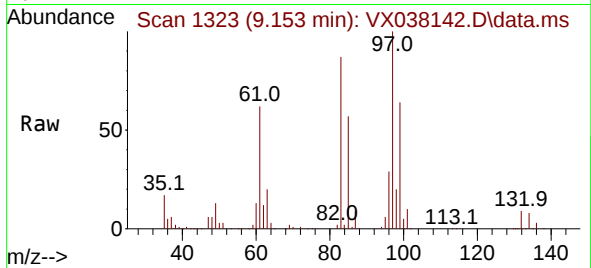
39 51.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.406 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

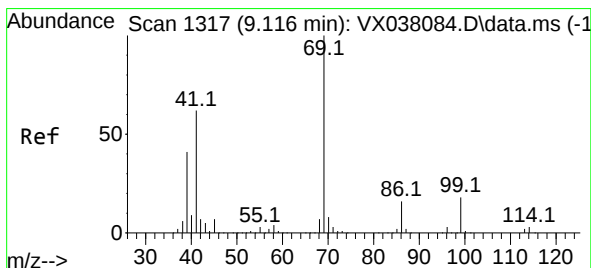
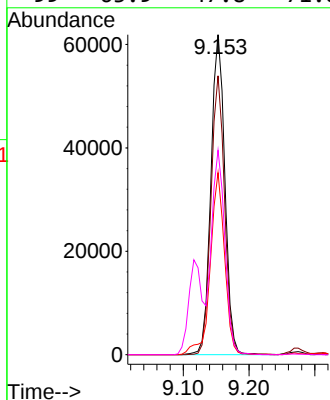
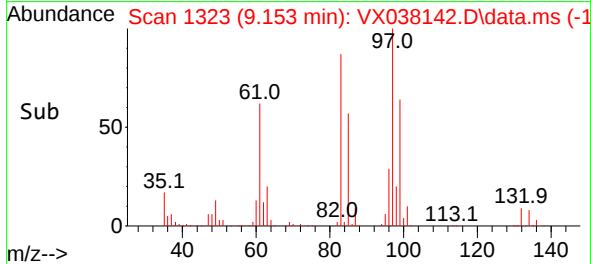
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.8	98.8
85	56.9	41.6	62.4
99	63.9	47.8	71.8

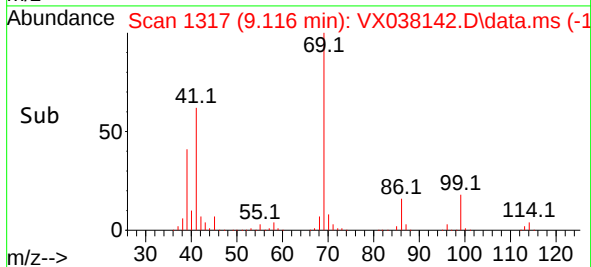
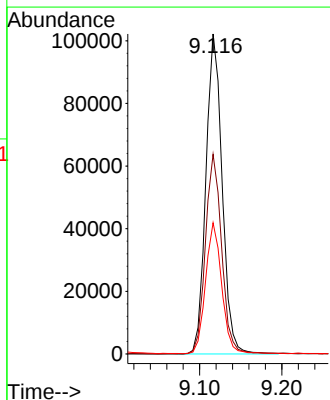
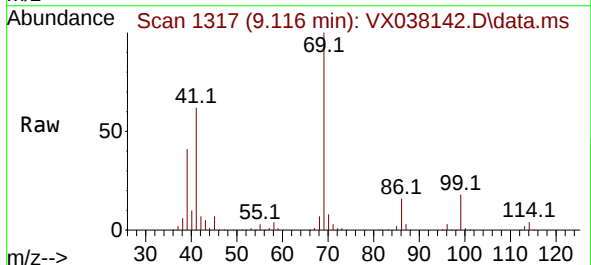
Manual Integrations
APPROVED

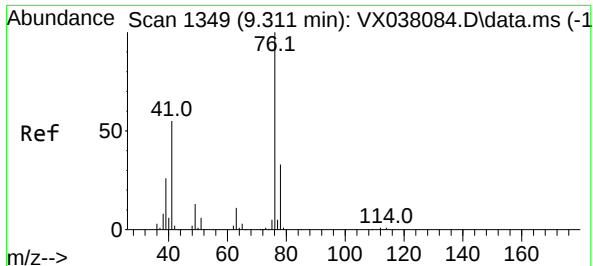
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#56
Ethyl methacrylate
Concen: 53.464 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	56.8	85.2
39	40.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.997 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14681

Ion Ratio Lower Upper

76 100

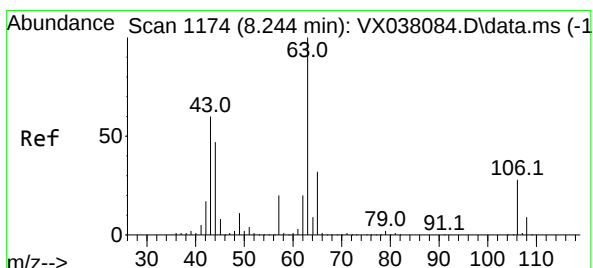
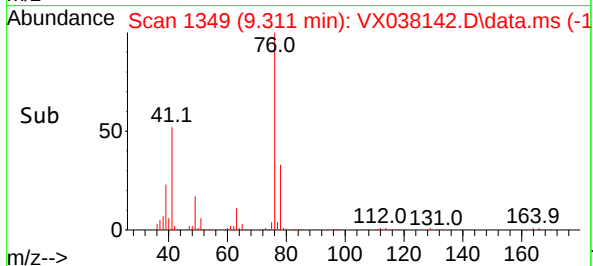
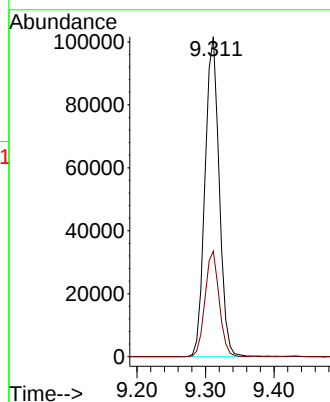
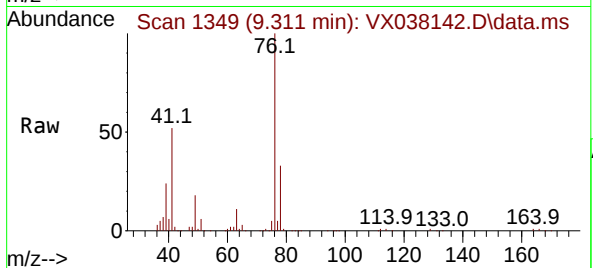
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.744 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038142.D

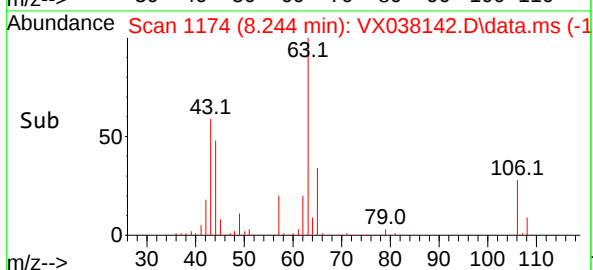
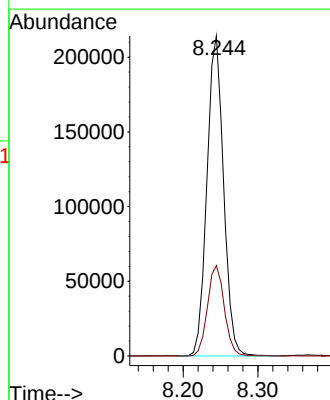
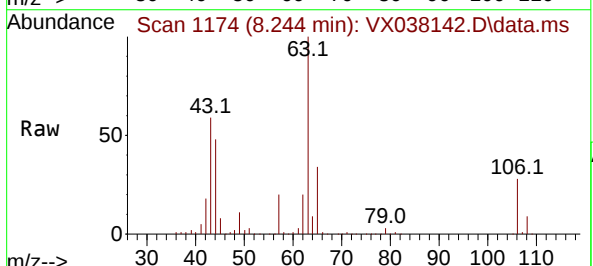
Acq: 06 Oct 2023 19:37

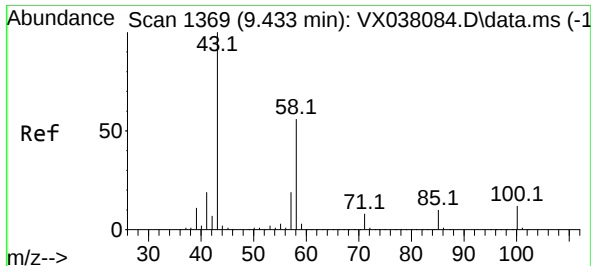
Tgt Ion: 63 Resp: 329674

Ion Ratio Lower Upper

63 100

106 28.7 22.5 33.7





#59

2-Hexanone

Concen: 269.859 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 583118

Ion Ratio Lower Upper

43 100

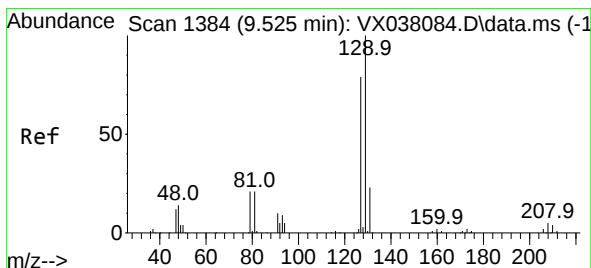
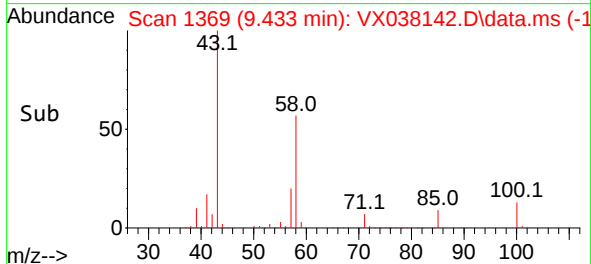
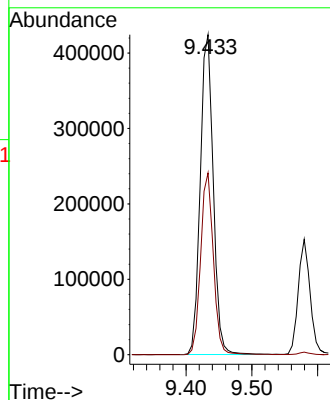
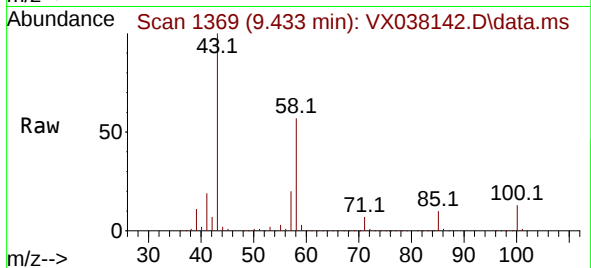
58 55.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#60

Dibromochloromethane

Concen: 56.338 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX038142.D

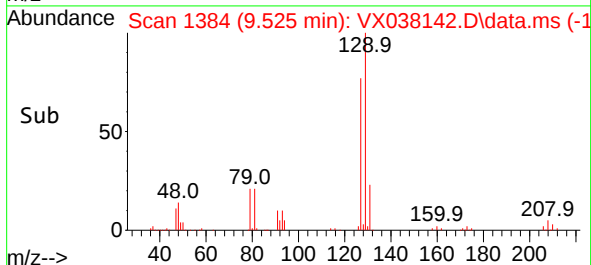
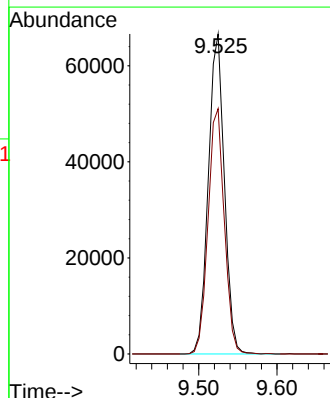
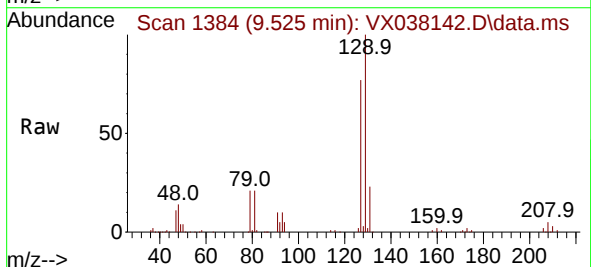
Acq: 06 Oct 2023 19:37

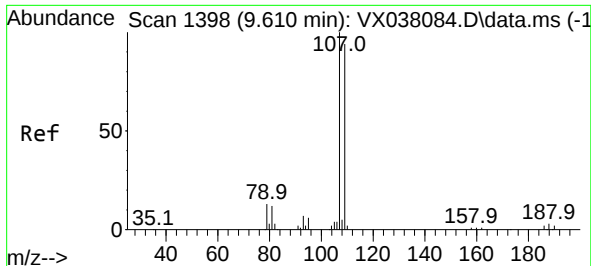
Tgt Ion:129 Resp: 94443

Ion Ratio Lower Upper

129 100

127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.333 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

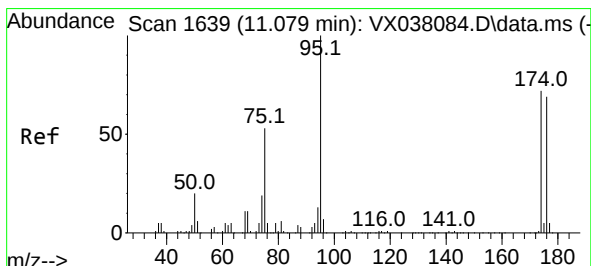
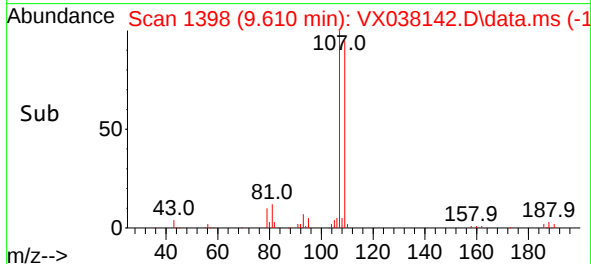
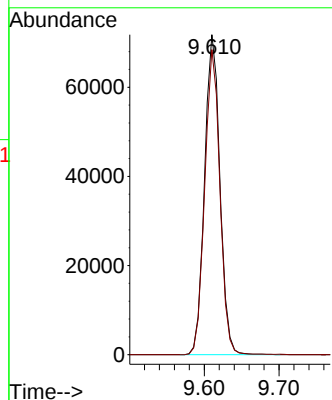
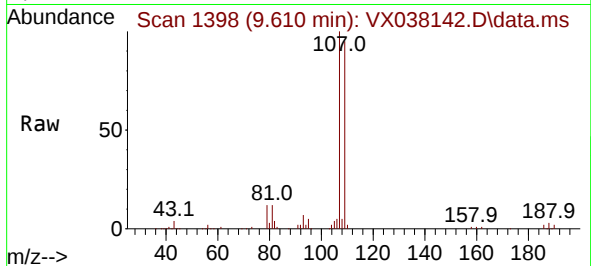
VSTDCCC050EC

Tgt Ion:107 Resp: 10249
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations

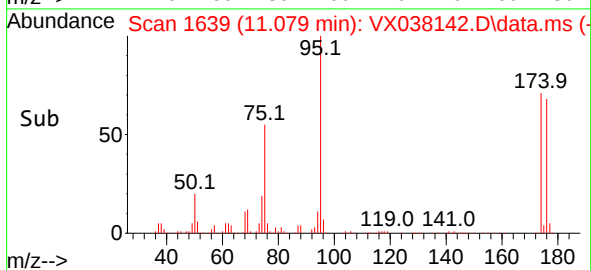
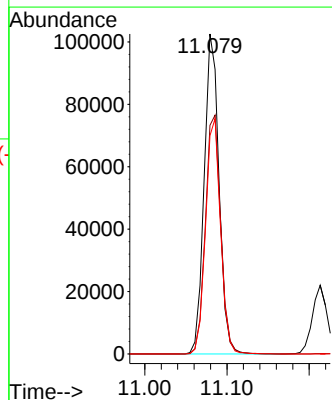
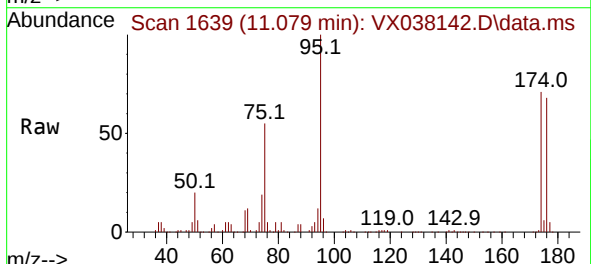
APPROVED

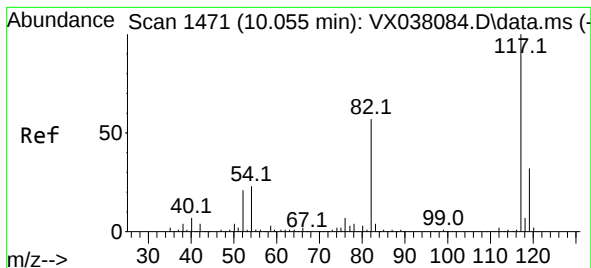
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#62
4-Bromofluorobenzene
Concen: 55.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

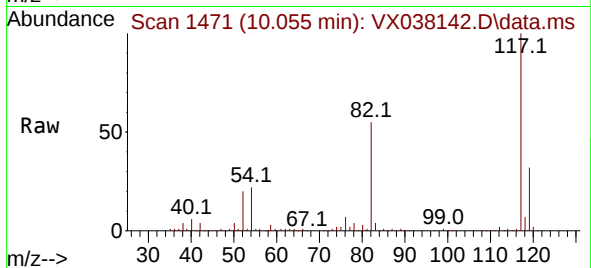
Tgt Ion: 95 Resp: 128222
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 74.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

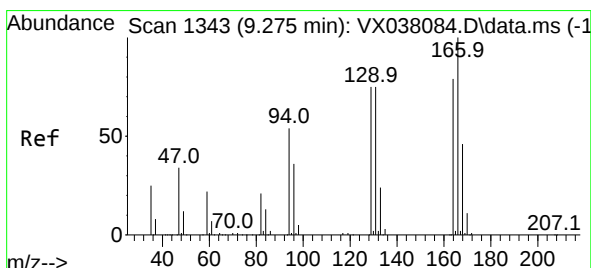
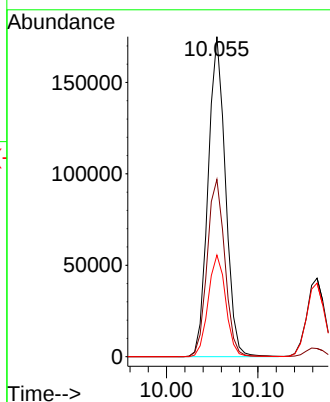
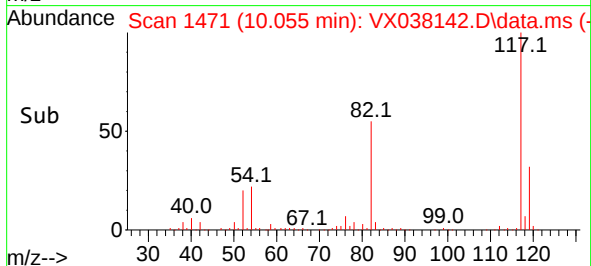
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 23016
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.8 25.5 38.3

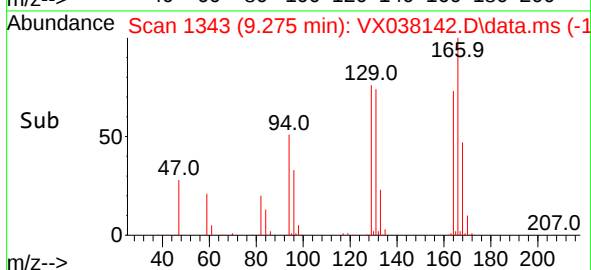
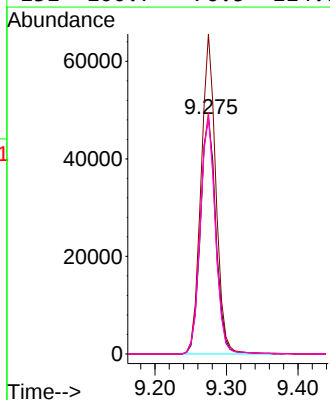
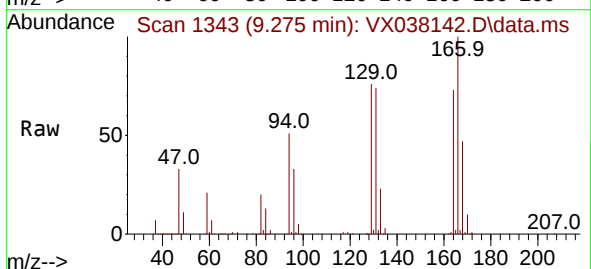
Manual Integrations
APPROVED

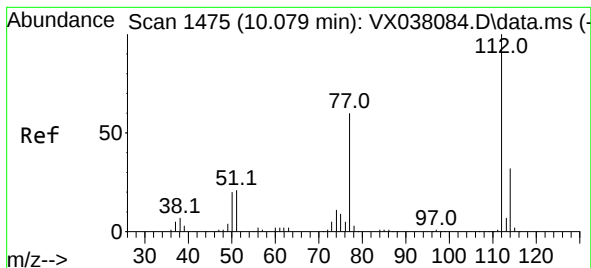
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Tetrachloroethene
Concen: 48.873 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

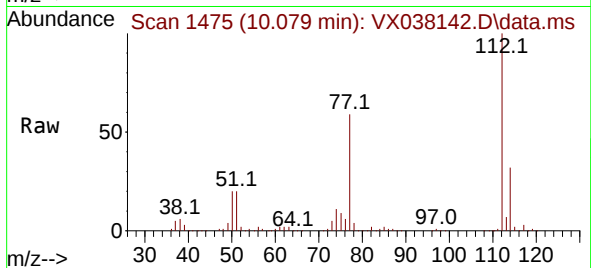
Tgt Ion:164 Resp: 72820
Ion Ratio Lower Upper
164 100
166 136.1 102.7 154.1
129 102.9 80.4 120.6
131 100.7 76.5 114.7





#65
Chlorobenzene
Concen: 49.137 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

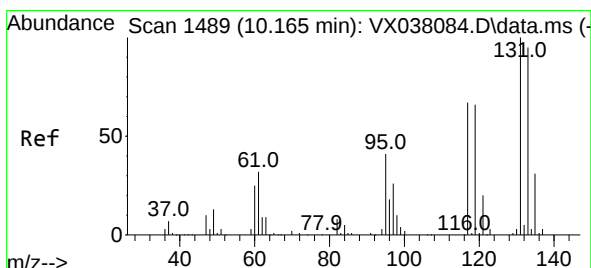
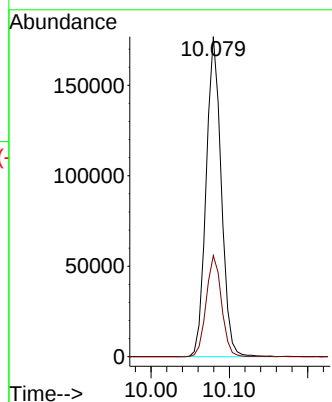
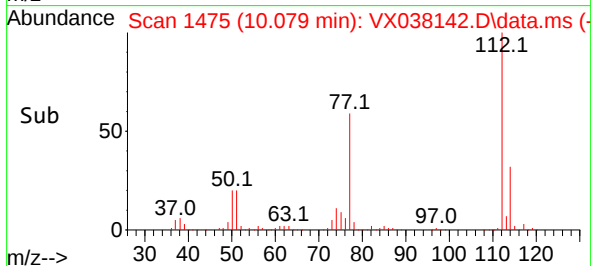
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



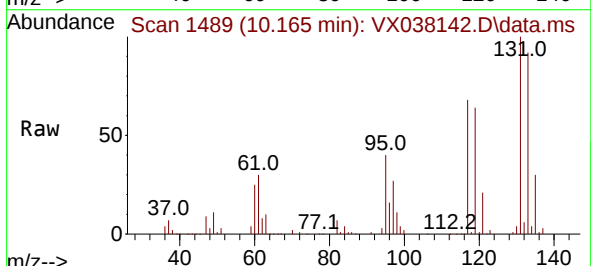
Tgt Ion:112 Resp: 236654
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

Manual Integrations
APPROVED

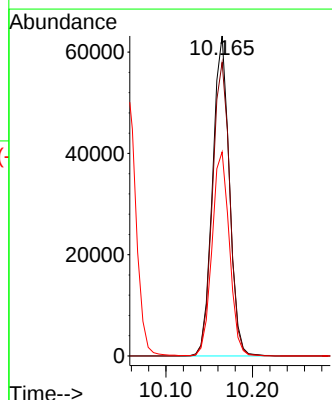
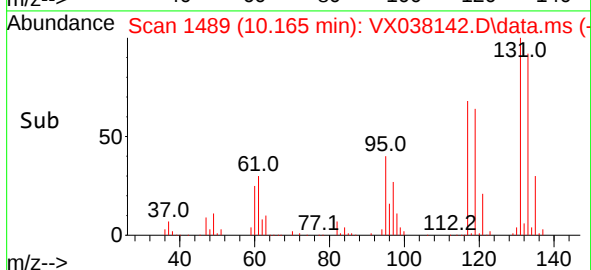
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

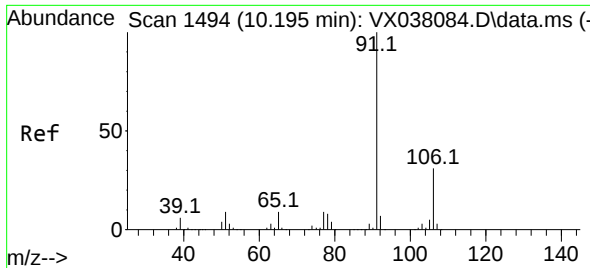


#66
1,1,1,2-Tetrachloroethane
Concen: 52.306 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37



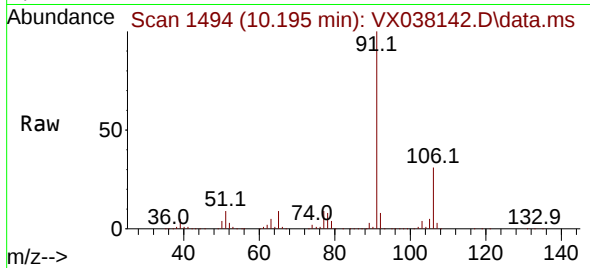
Tgt Ion:131 Resp: 85187
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 50.098 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

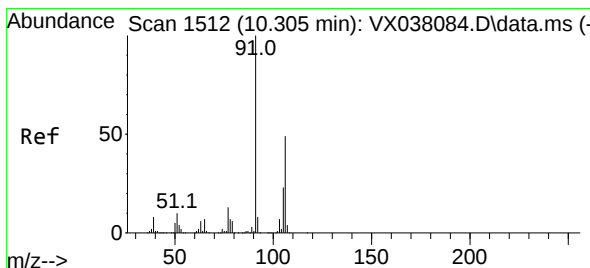
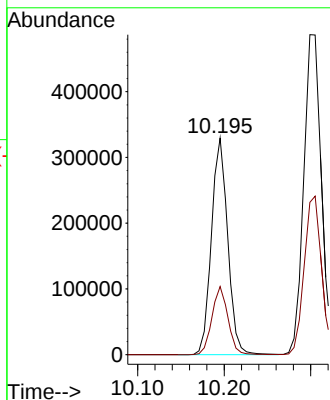
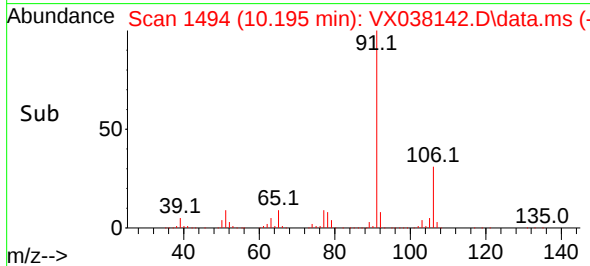
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 430688
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

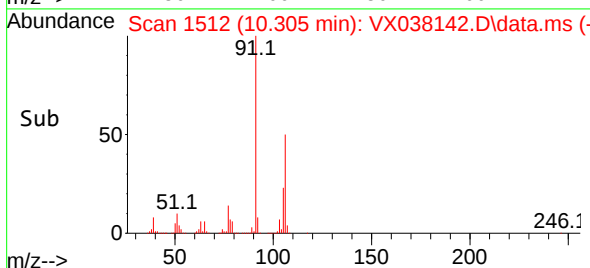
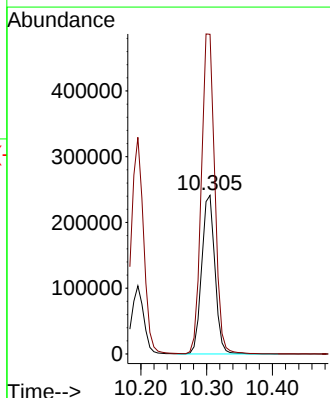
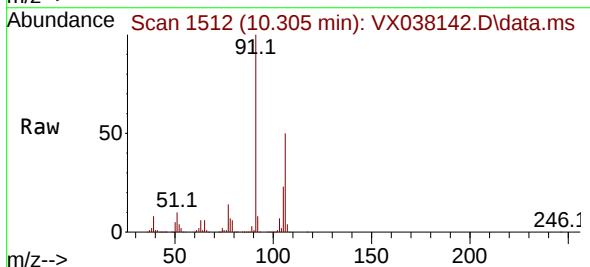
Manual Integrations
APPROVED

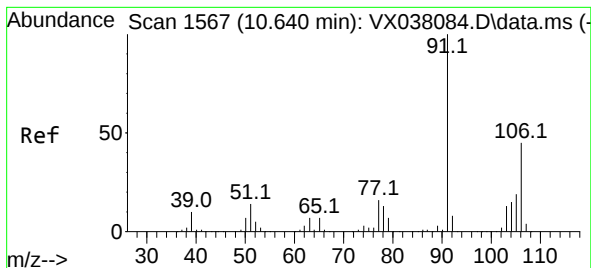
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
m/p-Xylenes
Concen: 101.483 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion:106 Resp: 337344
Ion Ratio Lower Upper
106 100
91 204.8 165.5 248.3





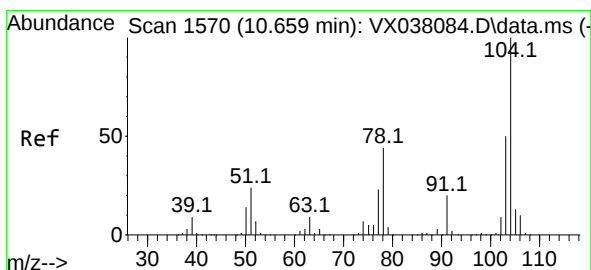
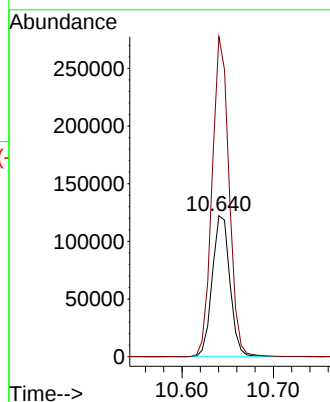
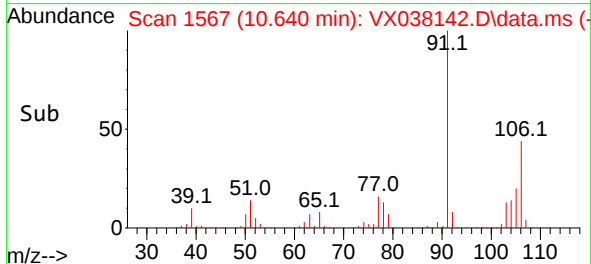
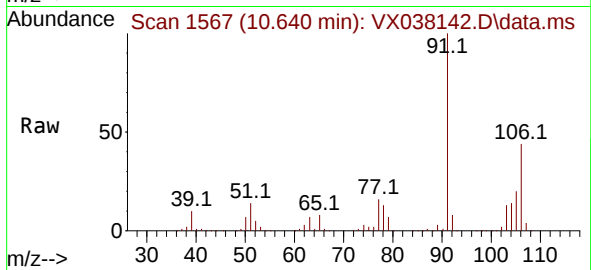
#69
o-Xylene
Concen: 50.415 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 163564
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.8

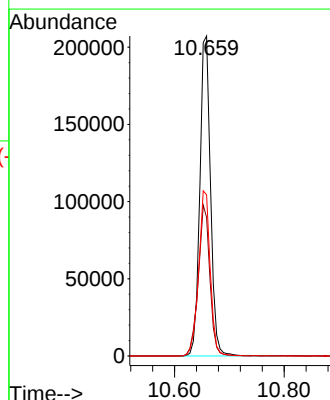
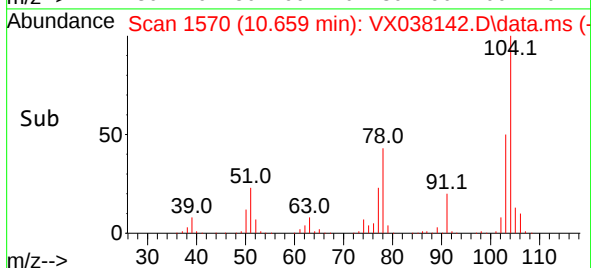
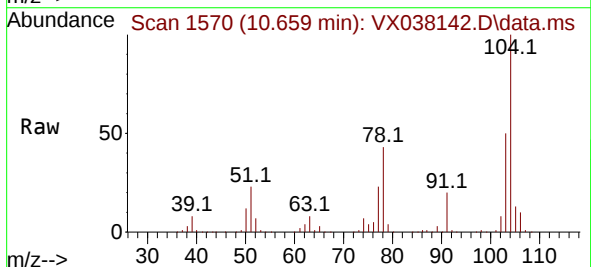
Manual Integrations
APPROVED

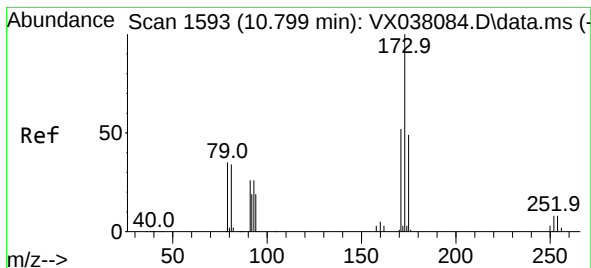
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#70
Styrene
Concen: 53.319 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion:104 Resp: 281709
Ion Ratio Lower Upper
104 100
78 50.8 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 47.039 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

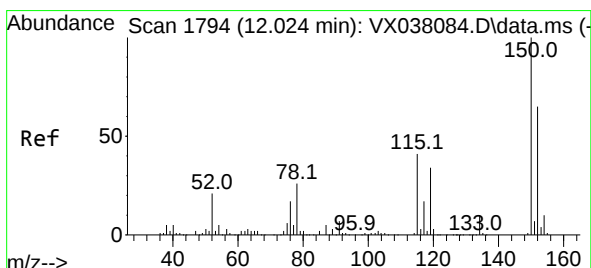
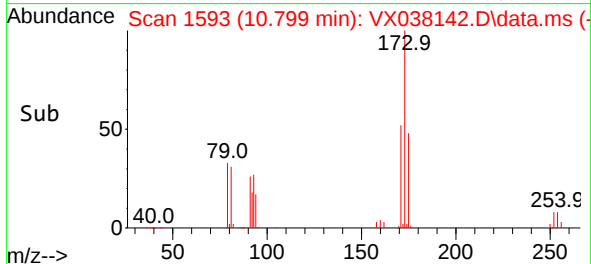
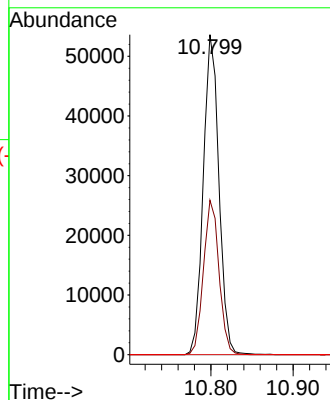
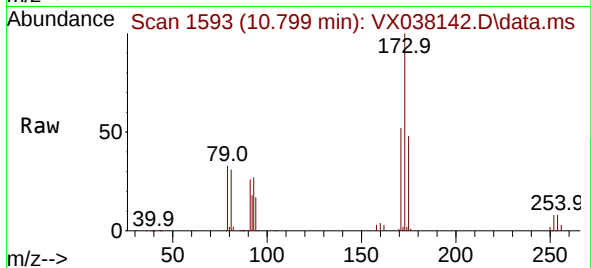
Tgt Ion:173 Resp: 70791
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

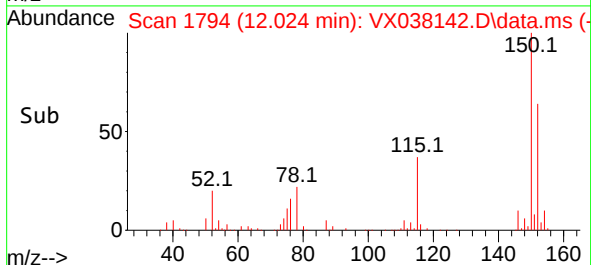
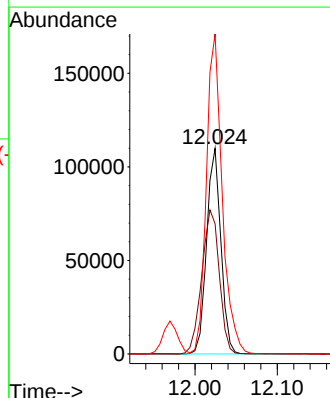
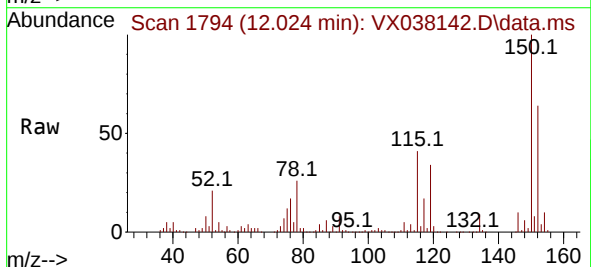
RT: 12.024 min Scan# 1794

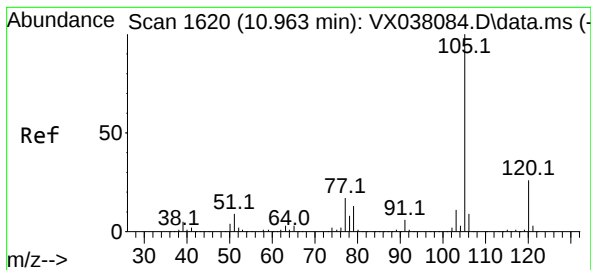
Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Tgt Ion:152 Resp: 132076
 Ion Ratio Lower Upper
 152 100
 115 86.4 43.3 129.9
 150 172.7 0.0 345.0





#73

Isopropylbenzene

Concen: 49.086 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 434776

Ion Ratio Lower Upper

105 100

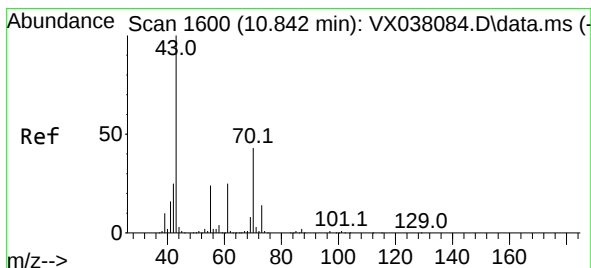
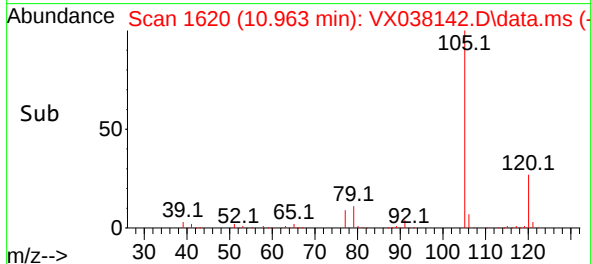
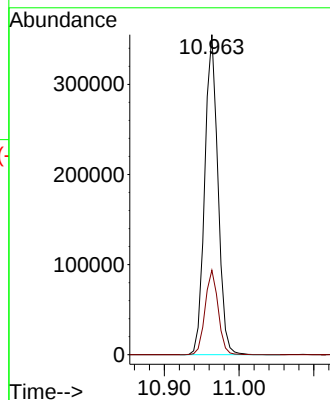
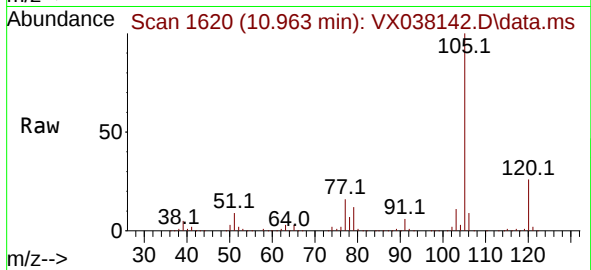
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#74

N-ethyl acetate

Concen: 50.318 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Tgt Ion: 43 Resp: 190325

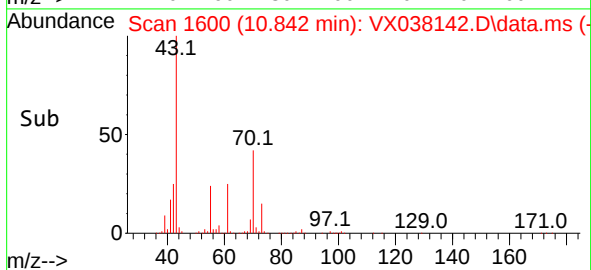
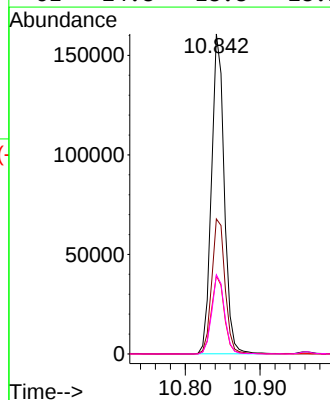
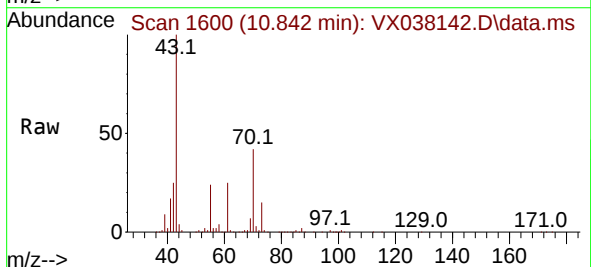
Ion Ratio Lower Upper

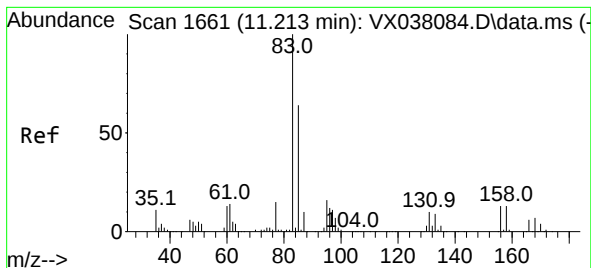
43 100

70 44.3 32.9 49.3

55 24.9 19.3 28.9

61 24.8 18.8 28.2





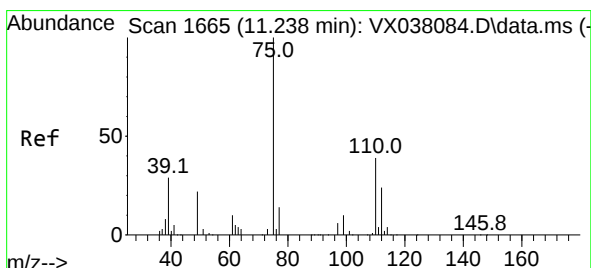
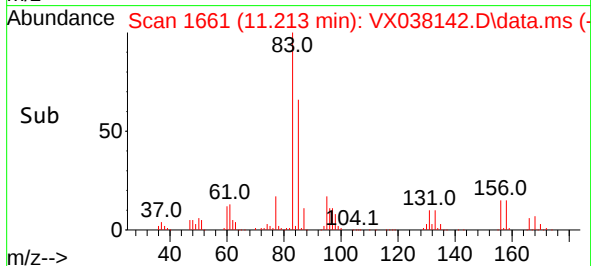
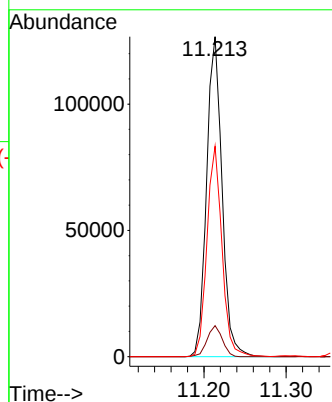
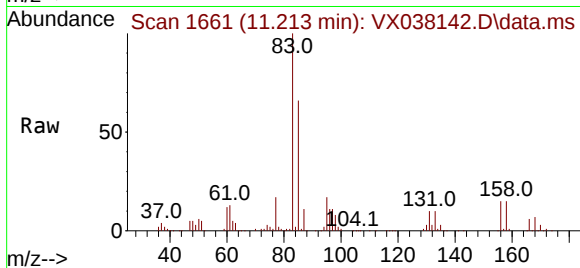
#75
1,1,2,2-Tetrachloroethane
Concen: 50.790 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 16507
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.0 32.0 96.2

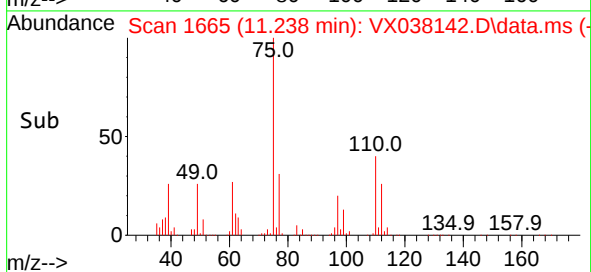
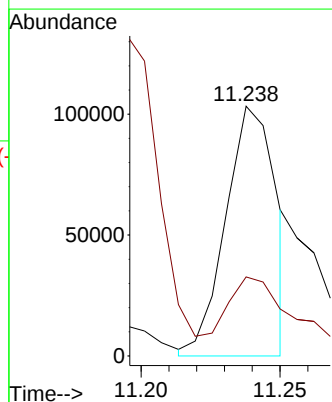
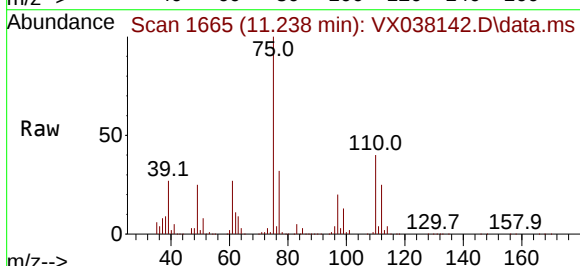
Manual Integrations
APPROVED

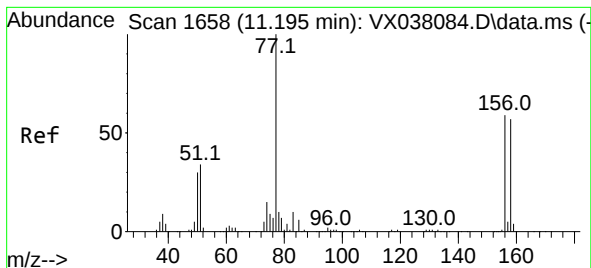
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#76
1,2,3-Trichloropropane
Concen: 43.380 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion: 75 Resp: 130251
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77

Bromobenzene

Concen: 48.773 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

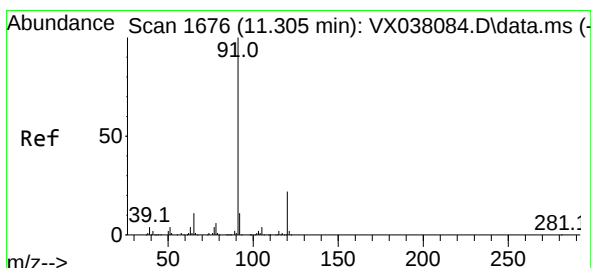
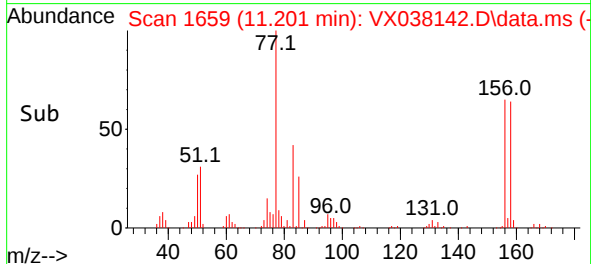
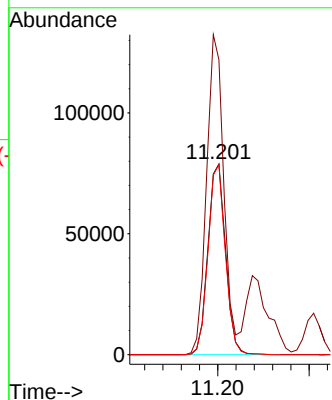
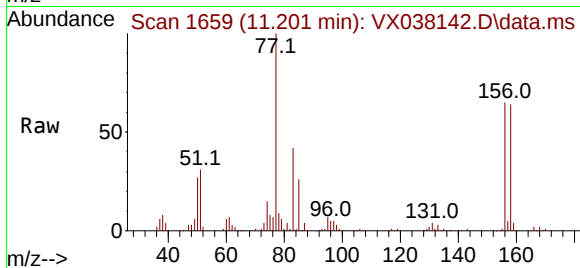
Tgt Ion:156 Resp: 10547
 Ion Ratio Lower Upper
 156 100
 77 162.9 88.4 265.3
 158 97.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#78

n-propylbenzene

Concen: 48.545 ug/l

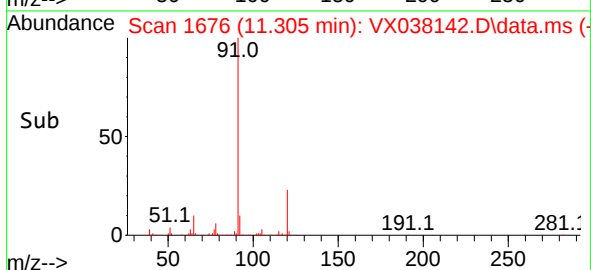
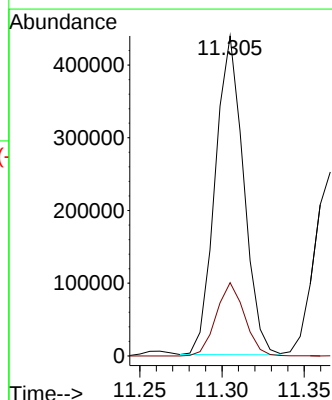
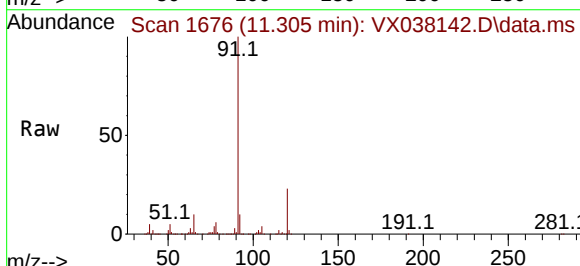
RT: 11.305 min Scan# 1676

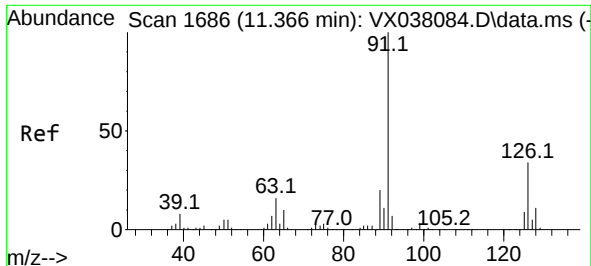
Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Tgt Ion: 91 Resp: 525762
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.4





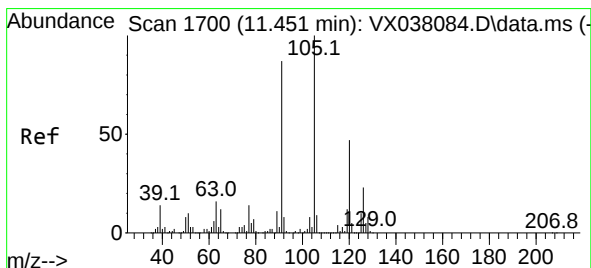
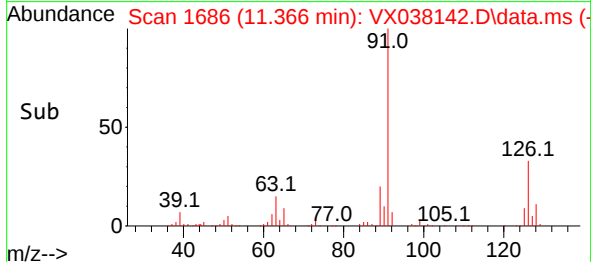
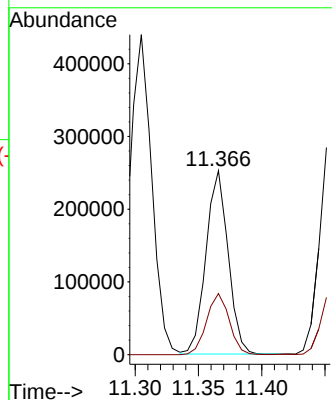
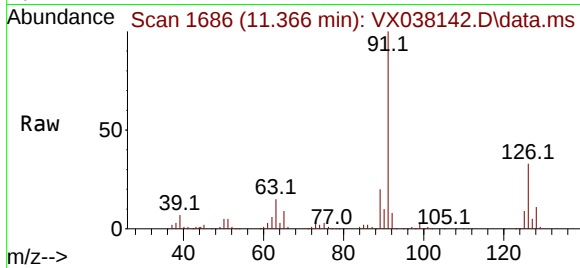
#79
2-Chlorotoluene
Concen: 47.883 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 307550
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

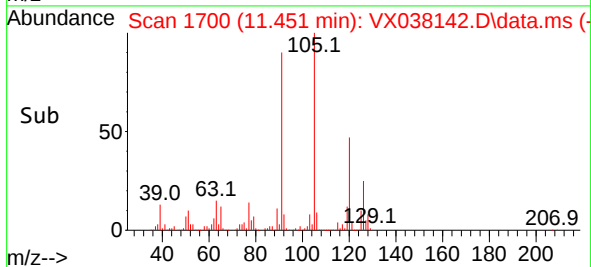
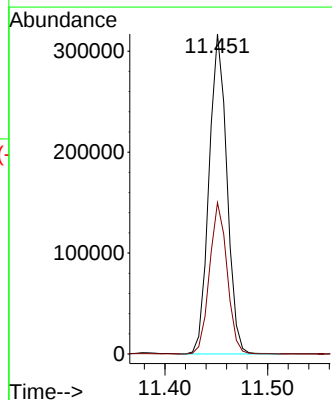
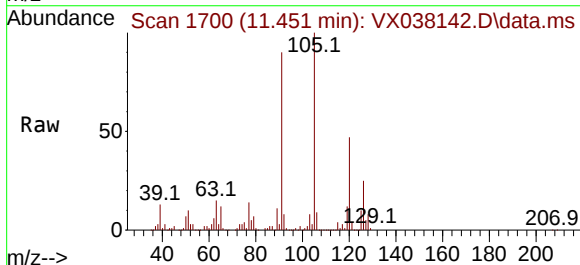
Manual Integrations
APPROVED

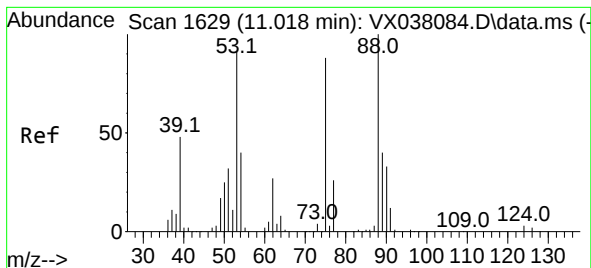
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.040 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion:105 Resp: 382390
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





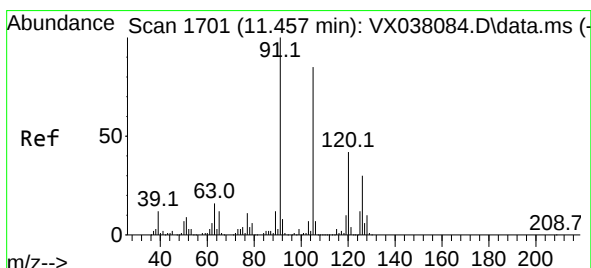
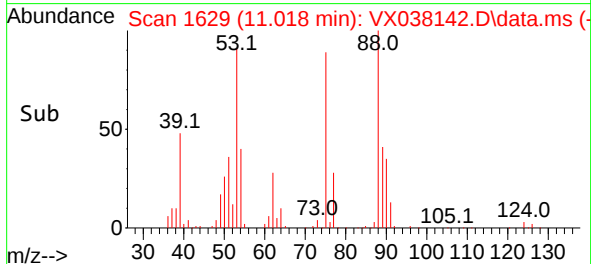
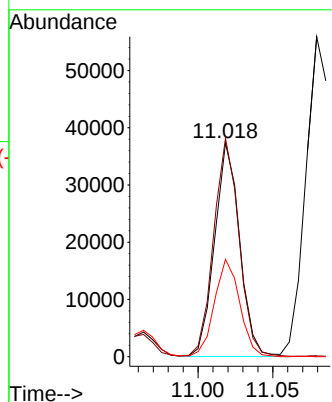
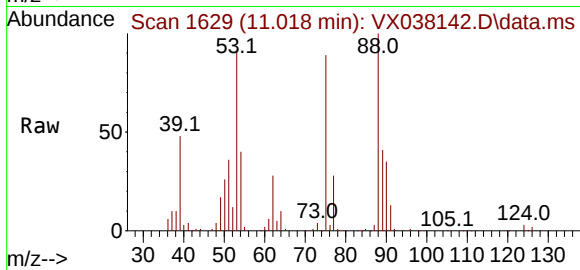
#81
trans-1,4-Dichloro-2-butene
Concen: 42.876 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43440
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 46.0 36.9 55.3

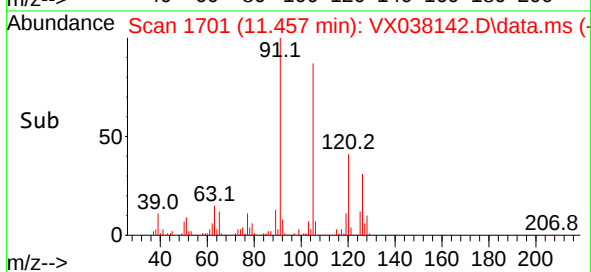
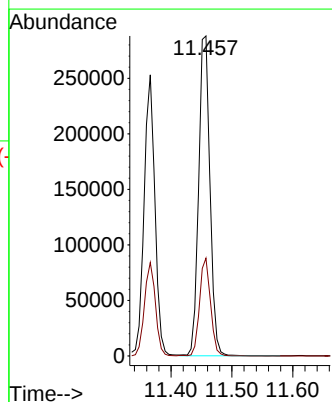
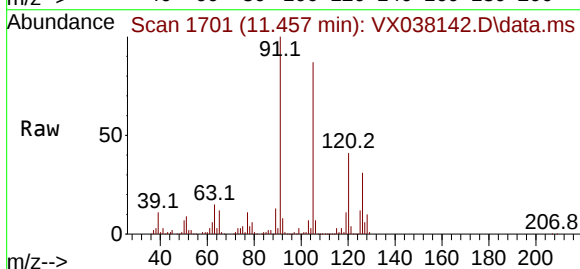
Manual Integrations
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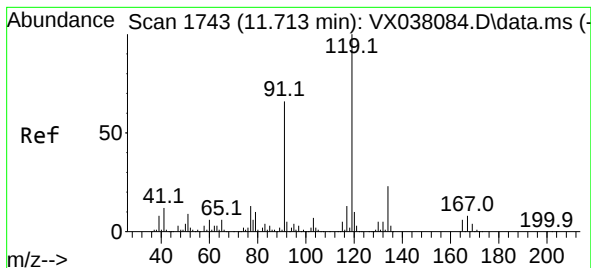
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#82
4-Chlorotoluene
Concen: 48.834 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Tgt Ion: 91 Resp: 371163
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.194 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

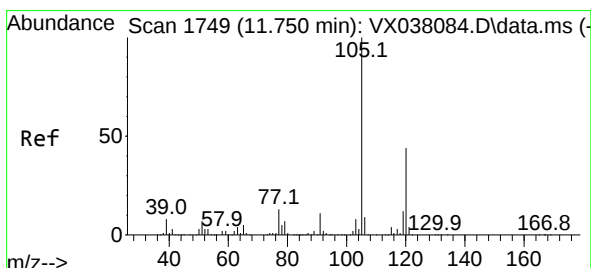
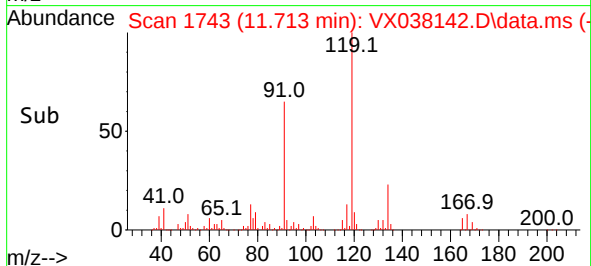
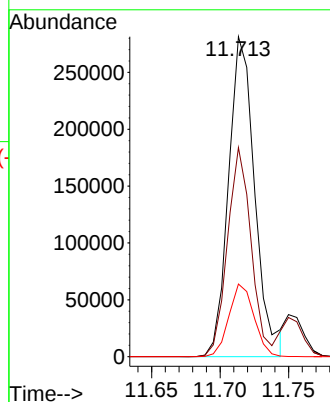
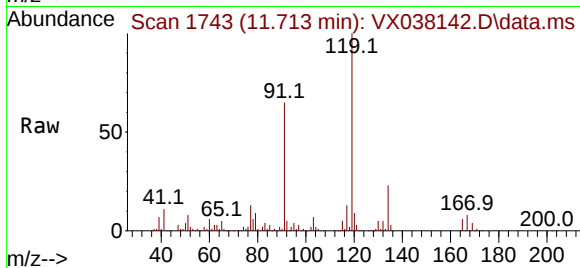
Tgt Ion:119 Resp: 37479
 Ion Ratio Lower Upper
 119 100
 91 59.0 31.2 93.6
 134 21.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.428 ug/l

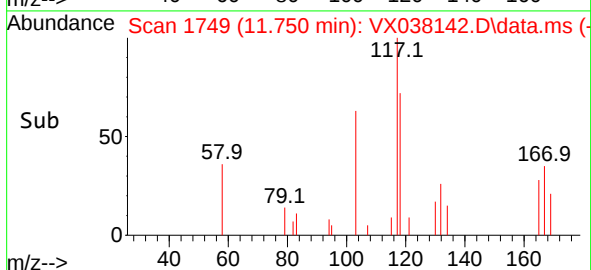
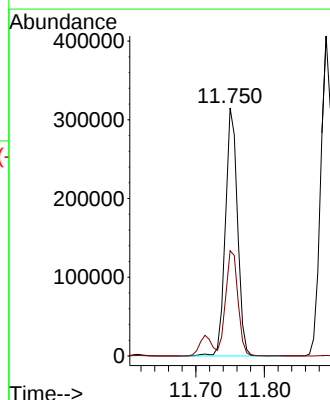
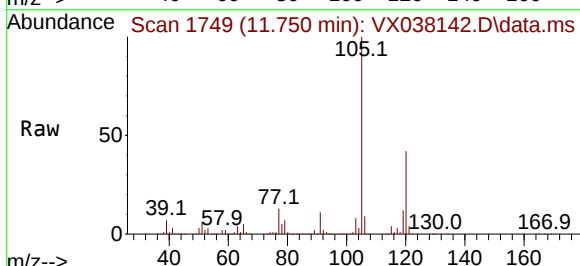
RT: 11.750 min Scan# 1749

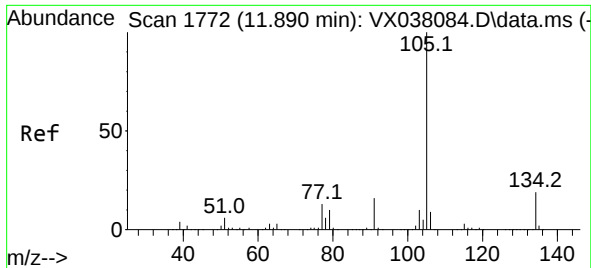
Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37

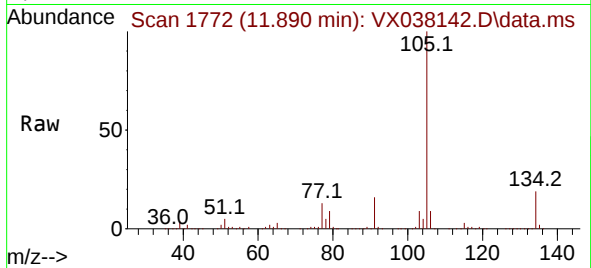
Tgt Ion:105 Resp: 384214
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.912 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038142.D
 Acq: 06 Oct 2023 19:37

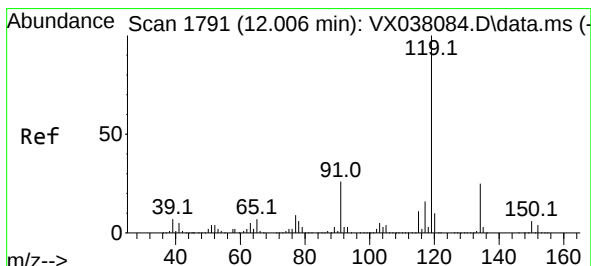
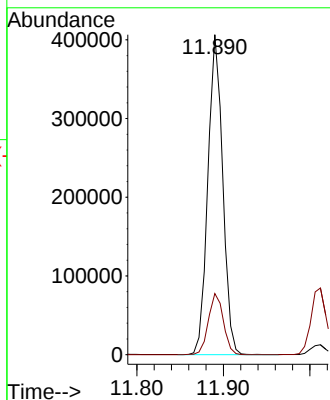
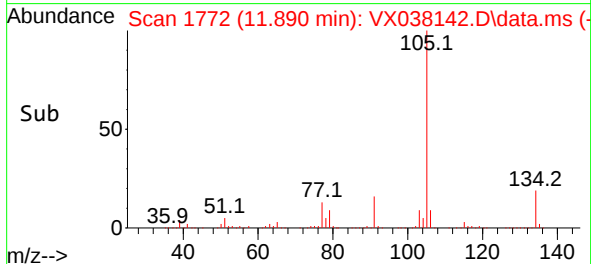
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



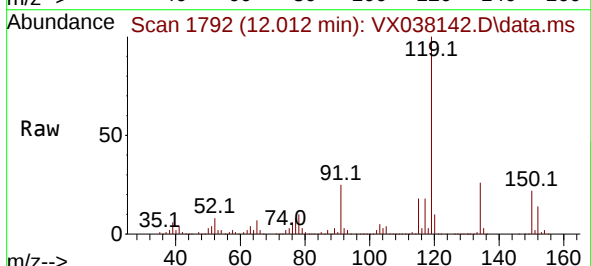
Tgt Ion:105 Resp: 482776
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

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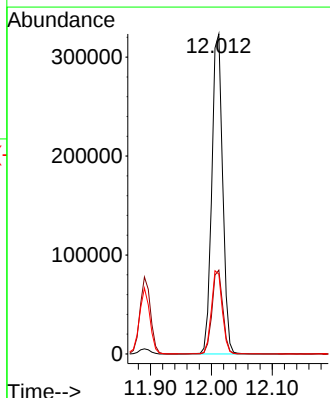
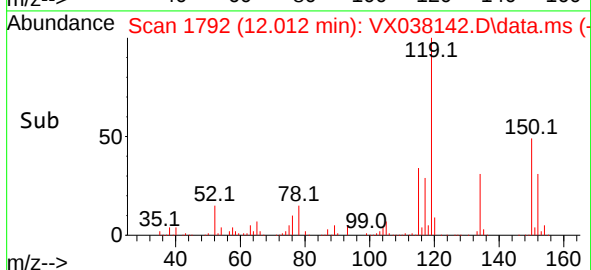
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

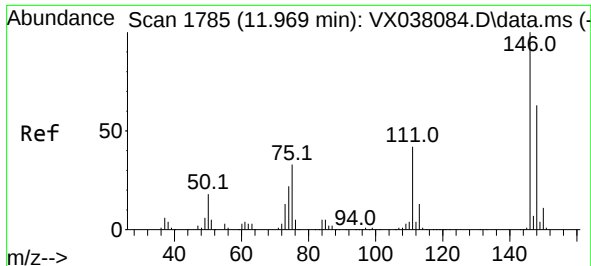


#86
 p-Isopropyltoluene
 Concen: 50.023 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038142.D
 Acq: 06 Oct 2023 19:37



Tgt Ion:119 Resp: 399198
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 26.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.531 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038142.D

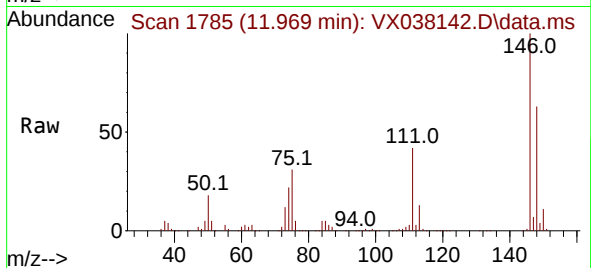
Acq: 06 Oct 2023 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 206440

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

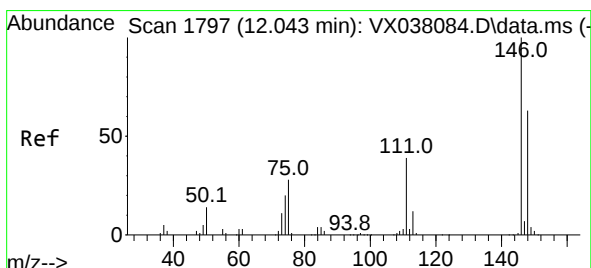
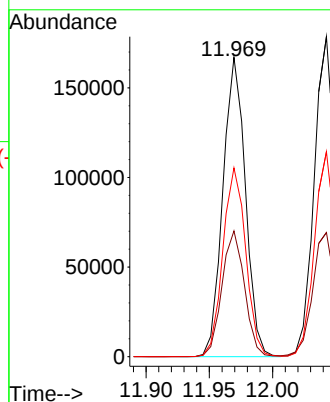
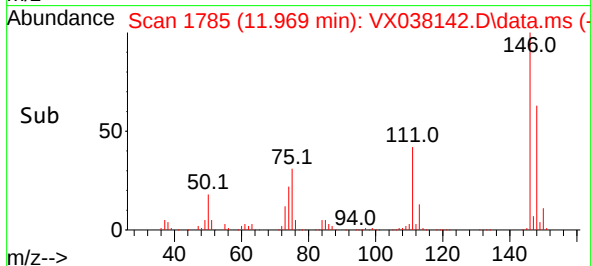
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#88

1,4-Dichlorobenzene

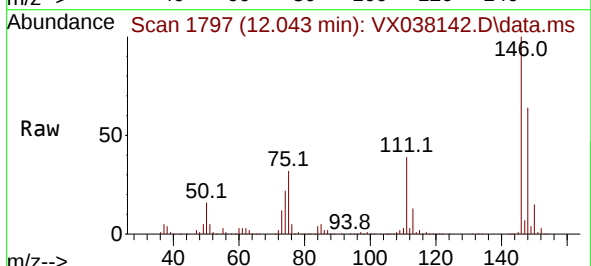
Concen: 48.237 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038142.D

Acq: 06 Oct 2023 19:37



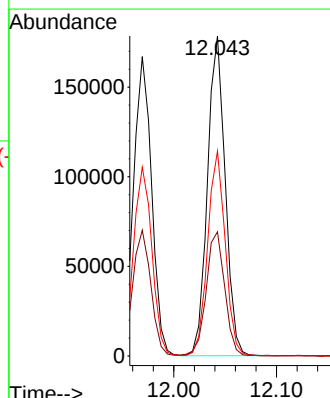
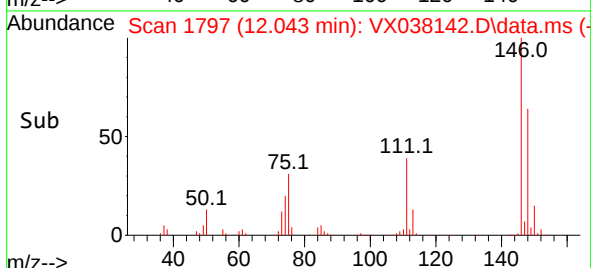
Tgt Ion:146 Resp: 213899

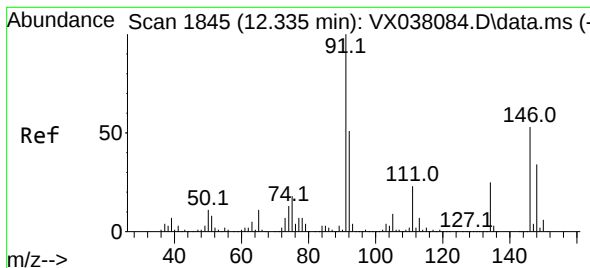
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.7

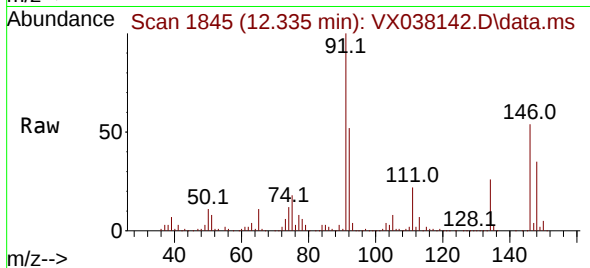
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 48.020 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

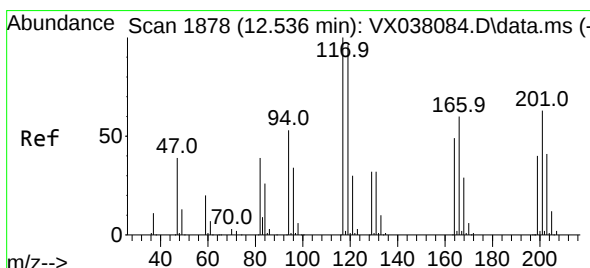
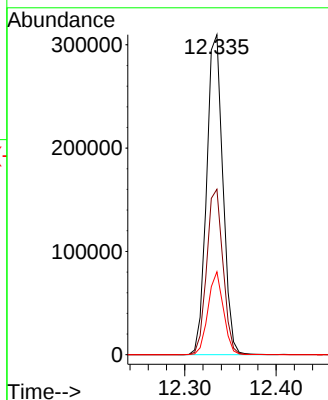
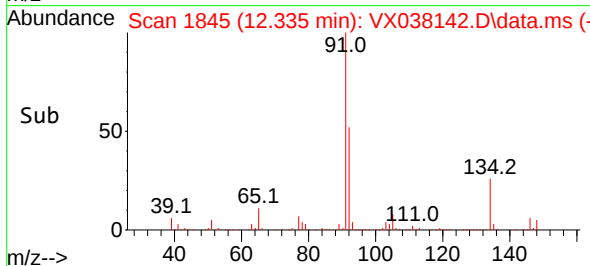
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 38164
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 24.5 12.6 37.8

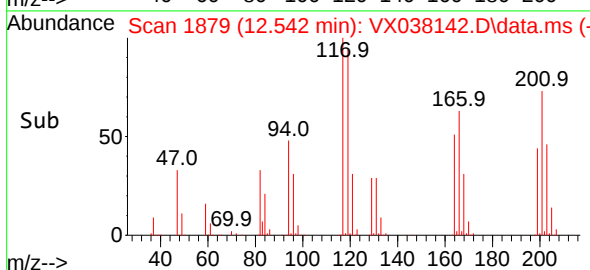
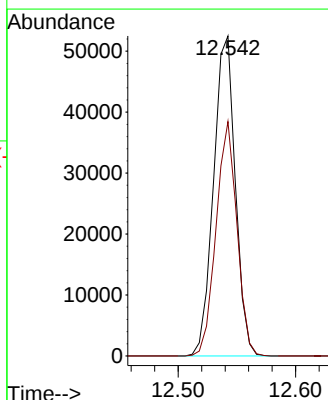
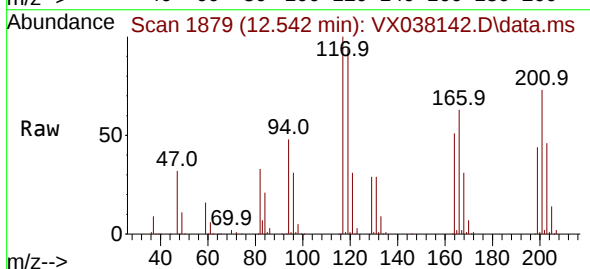
Manual Integrations
APPROVED

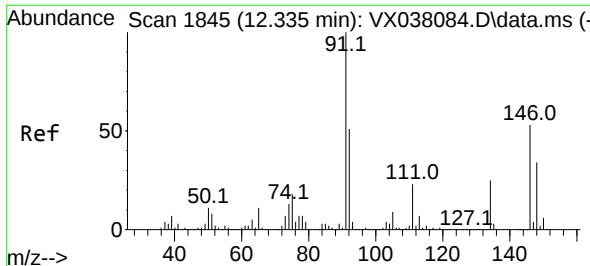
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#90
Hexachloroethane
Concen: 51.115 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

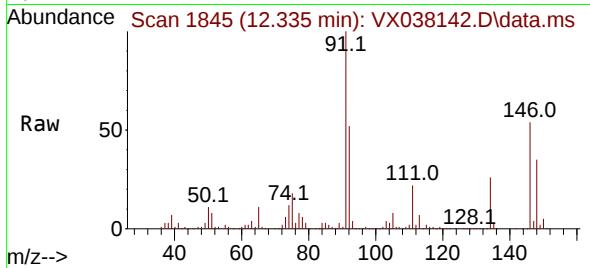
Tgt Ion:117 Resp: 67632
Ion Ratio Lower Upper
117 100
201 70.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.116 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

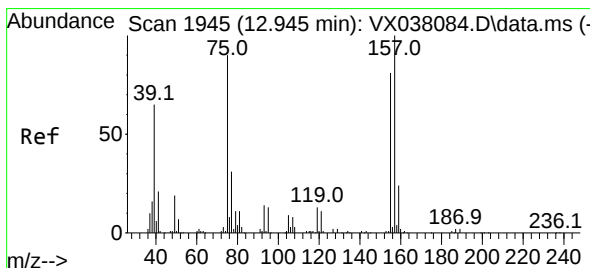
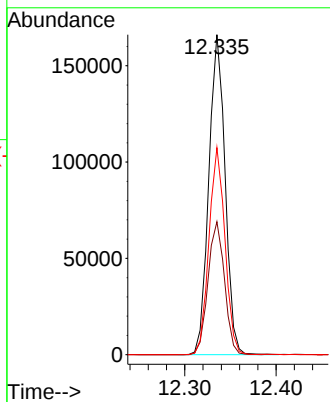
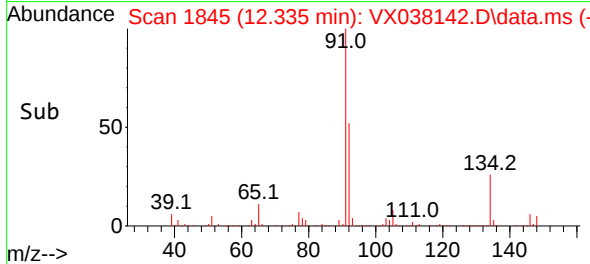
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



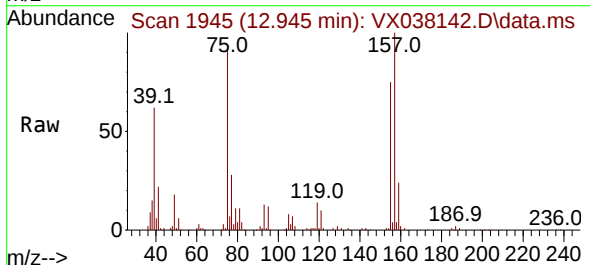
Tgt Ion:146 Resp: 205062
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 63.6 31.6 95.0

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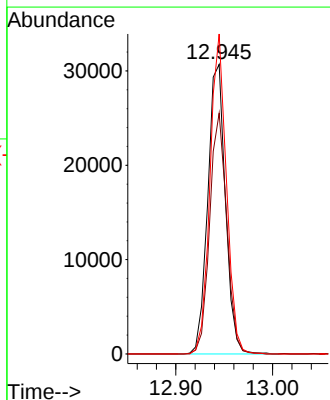
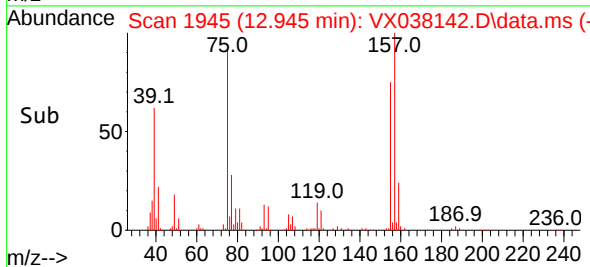
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

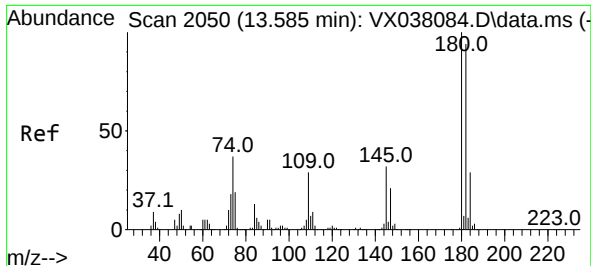


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.651 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37



Tgt Ion: 75 Resp: 39017
Ion Ratio Lower Upper
75 100
155 80.3 36.1 108.5
157 102.6 44.9 134.7





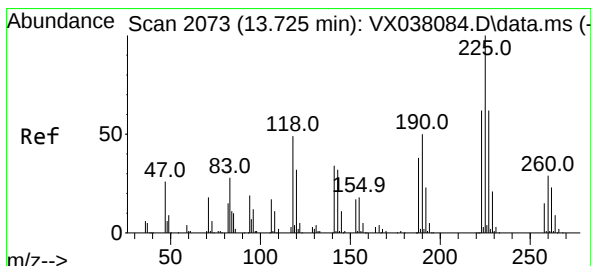
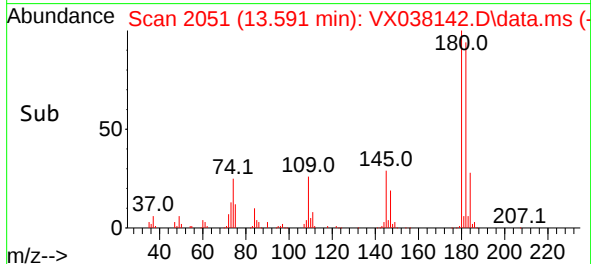
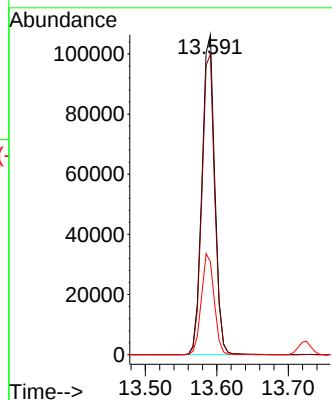
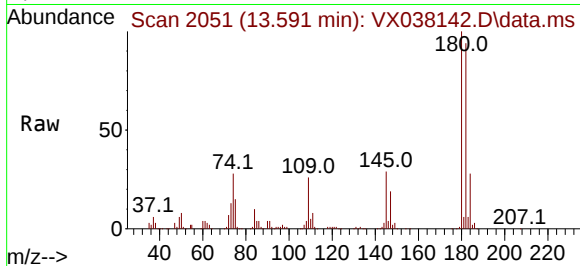
#93
1,2,4-Trichlorobenzene
Concen: 47.332 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 13254
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.8
145 31.4 18.0 54.0

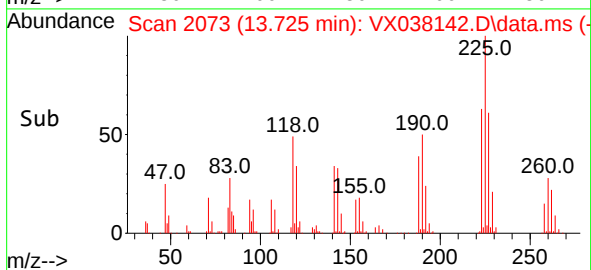
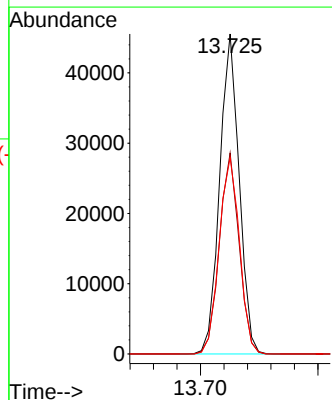
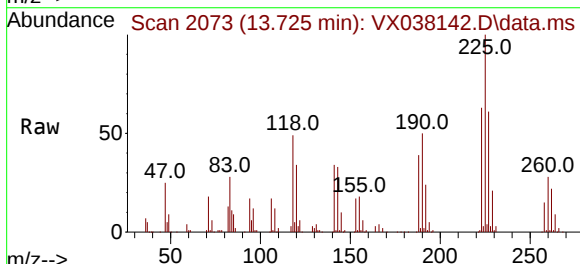
Manual Integrations
APPROVED

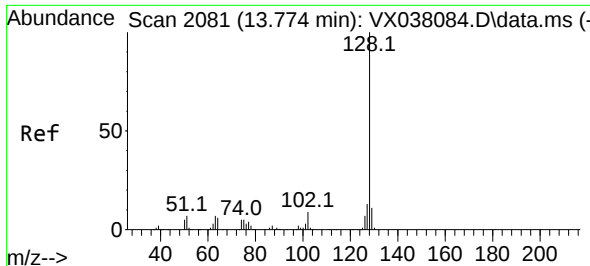
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#94
Hexachlorobutadiene
Concen: 46.558 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

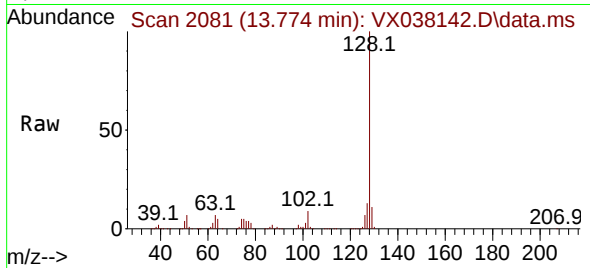
Tgt Ion:225 Resp: 52474
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 64.2 32.5 97.5





#95
Naphthalene
Concen: 47.439 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37

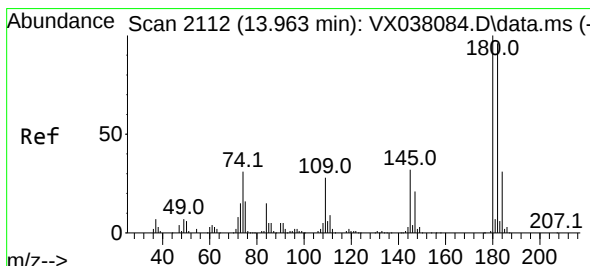
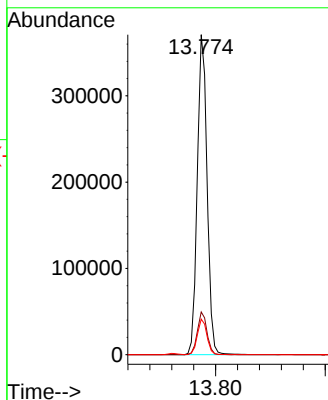
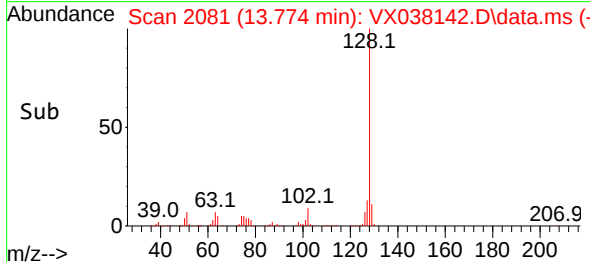
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



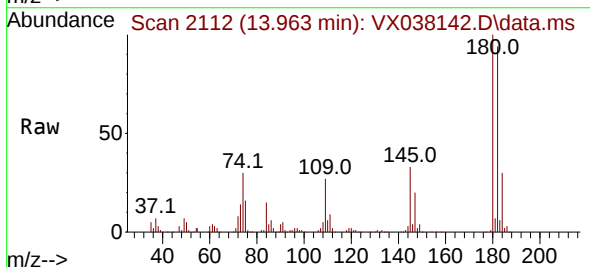
Tgt Ion:128 Resp: 46261
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.240 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038142.D
Acq: 06 Oct 2023 19:37



Tgt Ion:180 Resp: 128085
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 33.8 17.8 53.5

