

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038184.D
 Acq On : 09 Oct 2023 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:03:01 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	143353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109696	47.575	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.160%			
35) Dibromofluoromethane	5.385	113	87274	50.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.647	98	331137	49.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	127435	50.608	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73759	53.305	ug/l	97
3) Chloromethane	1.301	50	67499	47.861	ug/l	98
4) Vinyl Chloride	1.374	62	79243	50.678	ug/l	99
5) Bromomethane	1.599	94	116413	56.801	ug/l	97
6) Chloroethane	1.679	64	62742	54.411	ug/l	100
7) Trichlorofluoromethane	1.886	101	162589	52.642	ug/l	97
8) Diethyl Ether	2.130	74	58418	50.715	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	67319	49.927	ug/l	96
10) Methyl Iodide	2.453	142	95306	49.126	ug/l	95
11) Tert butyl alcohol	2.959	59	109456	213.426	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	66019	50.336	ug/l	89
13) Acrolein	2.233	56	94375	287.917	ug/l	97
14) Allyl chloride	2.666	41	112036	47.757	ug/l	93
15) Acrylonitrile	3.063	53	250588	238.816	ug/l	99
16) Acetone	2.380	43	216495	224.977	ug/l	92
17) Carbon Disulfide	2.514	76	171514	45.372	ug/l	99
18) Methyl Acetate	2.703	43	201902	48.926	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	257818	49.357	ug/l	98
20) Methylene Chloride	2.788	84	82882	45.789	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	79526	48.972	ug/l	91
22) Diisopropyl ether	3.764	45	239763	48.765	ug/l	85
23) Vinyl Acetate	3.721	43	902156	250.206	ug/l	97
24) 1,1-Dichloroethane	3.611	63	144821	48.535	ug/l	98
25) 2-Butanone	4.550	43	363304	233.990	ug/l	93
26) 2,2-Dichloropropane	4.477	77	108894	46.743	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	95838	49.554	ug/l	90
28) Bromochloromethane	4.898	49	67473	50.091	ug/l	87
29) Tetrahydrofuran	5.001	42	234165	231.647	ug/l	88
30) Chloroform	5.093	83	164071	50.283	ug/l	98
31) Cyclohexane	5.471	56	120633	48.290	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	141644	50.682	ug/l	99
36) 1,1-Dichloropropene	5.696	75	118250	49.333	ug/l	99
37) Ethyl Acetate	4.715	43	137313	48.236	ug/l	97
38) Carbon Tetrachloride	5.678	117	120437	51.076	ug/l	97
39) Methylcyclohexane	7.379	83	138542	49.345	ug/l	94
40) Benzene	6.044	78	337031	50.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69773	49.270	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	132947	49.634	ug/l	99
43) Isopropyl Acetate	6.342	43	212830	50.081	ug/l	97
44) Trichloroethene	7.123	130	89088	50.806	ug/l	100
45) 1,2-Dichloropropane	7.428	63	87192	50.250	ug/l	97
46) Dibromomethane	7.580	93	68396	50.823	ug/l	98
47) Bromodichloromethane	7.824	83	126625	52.891	ug/l	98
48) Methyl methacrylate	7.690	41	102187	50.370	ug/l #	86
49) 1,4-Dioxane	7.659	88	45233	904.800	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	727761	248.277	ug/l	96
52) Toluene	8.720	92	222278	50.898	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	136646	53.174	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	142277	52.697	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	96574	51.700	ug/l	93
56) Ethyl methacrylate	9.116	69	146384	51.112	ug/l	92
57) 1,3-Dichloropropane	9.305	76	155933	51.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	351308	249.897	ug/l	100
59) 2-Hexanone	9.427	43	586731	248.983	ug/l	96
60) Dibromochloromethane	9.519	129	99582	54.471	ug/l	99
61) 1,2-Dibromoethane	9.610	107	106451	52.698	ug/l	100
64) Tetrachloroethene	9.275	164	77510	48.900	ug/l	97
65) Chlorobenzene	10.080	112	248606	48.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	91623	52.884	ug/l	100
67) Ethyl Benzene	10.195	91	449165	49.113	ug/l	100
68) m/p-Xylenes	10.299	106	344077	97.300	ug/l	100
69) o-Xylene	10.640	106	168989	48.963	ug/l	100
70) Styrene	10.653	104	288236	51.282	ug/l	97
71) Bromoform	10.799	173	75015	46.864	ug/l #	99
73) Isopropylbenzene	10.964	105	450622	49.743	ug/l	99
74) N-amyl acetate	10.842	43	194437	50.261	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	167233	50.309	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	153440m	49.965	ug/l	
77) Bromobenzene	11.195	156	110540	49.980	ug/l	92
78) n-propylbenzene	11.305	91	542659	48.990	ug/l	100
79) 2-Chlorotoluene	11.366	91	317014	48.258	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	390611	49.979	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	46341	44.542	ug/l	94
82) 4-Chlorotoluene	11.451	91	379424	48.810	ug/l	97
83) tert-Butylbenzene	11.713	119	380151	49.779	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	390199	50.074	ug/l	99
85) sec-Butylbenzene	11.890	105	497086	50.248	ug/l	99
86) p-Isopropyltoluene	12.012	119	414450	50.779	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	215411	48.491	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	217050	47.859	ug/l	98
89) n-Butylbenzene	12.329	91	396354	48.761	ug/l	96
90) Hexachloroethane	12.536	117	71116	52.552	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	208558	48.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40179	49.992	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	136897	47.800	ug/l	97
94) Hexachlorobutadiene	13.725	225	55662	48.288	ug/l	100
95) Naphthalene	13.774	128	473941	47.519	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	135709	48.938	ug/l	99

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QLast Update : Thu Oct 05 15:27:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

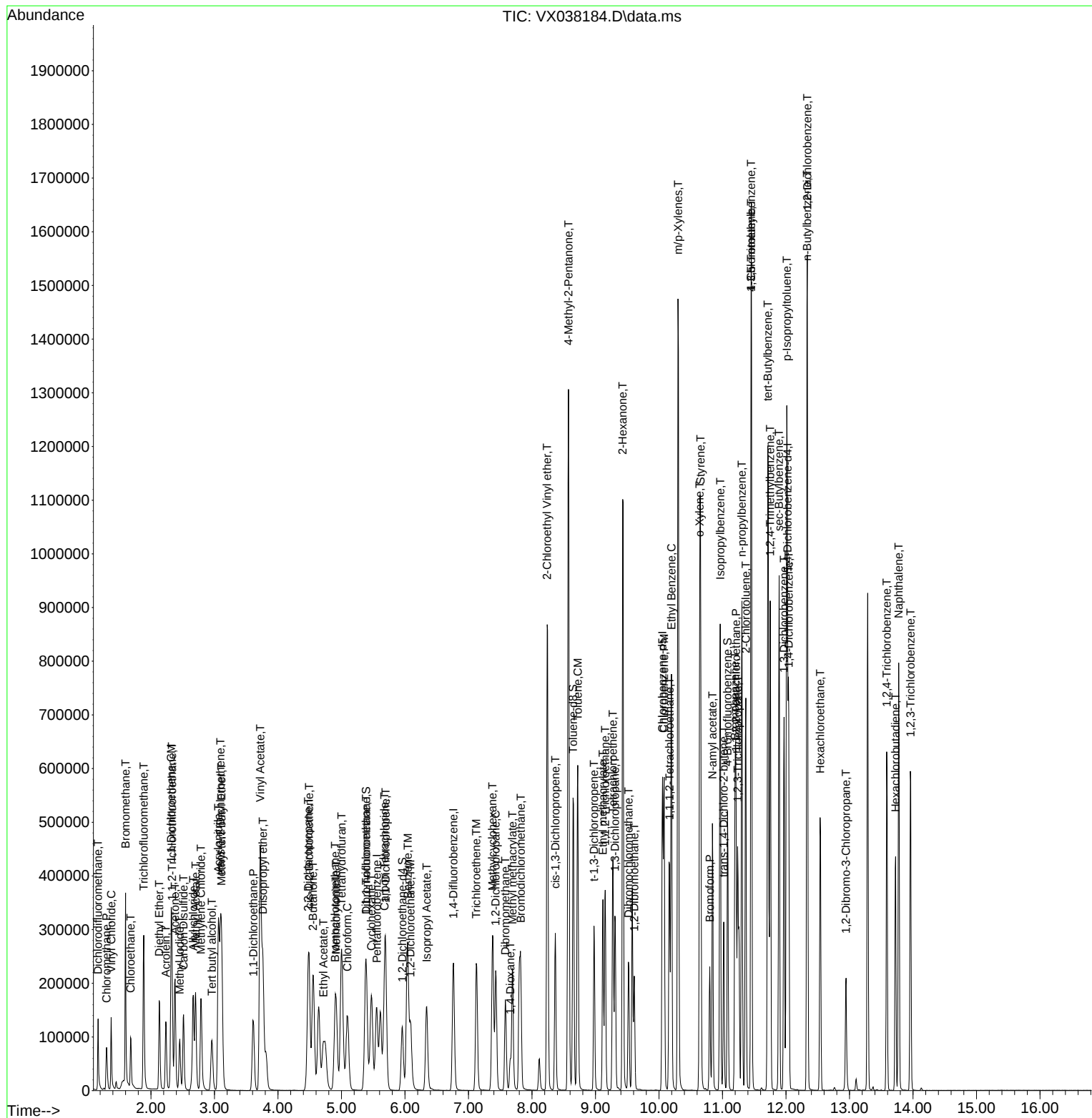
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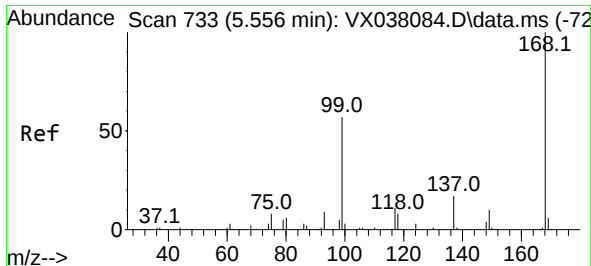
Instrument :
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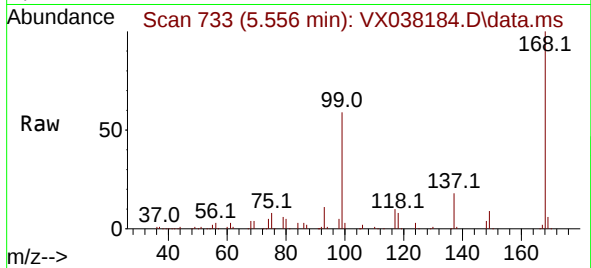
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038184.D
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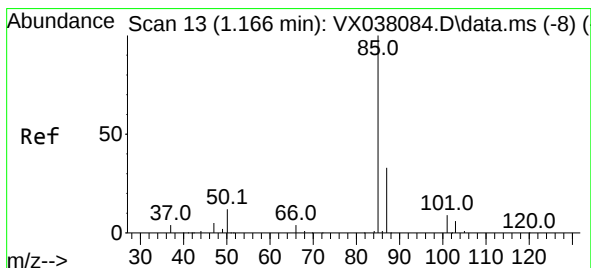
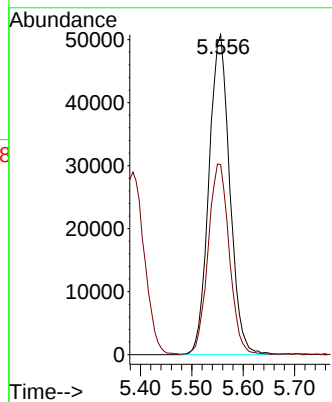
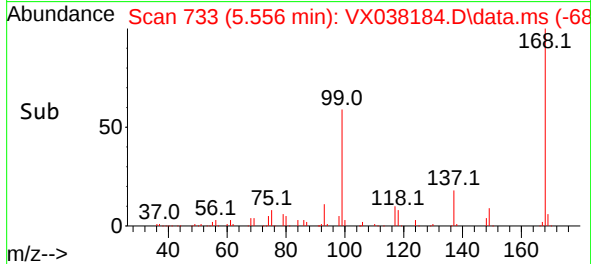
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 14335
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0

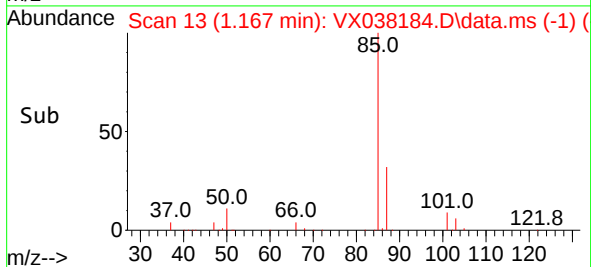
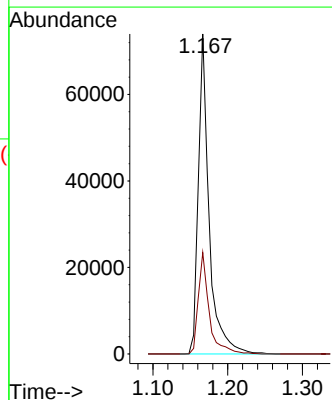
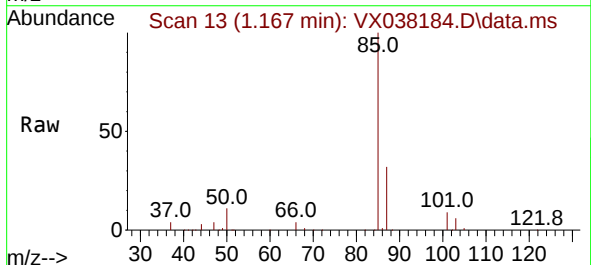
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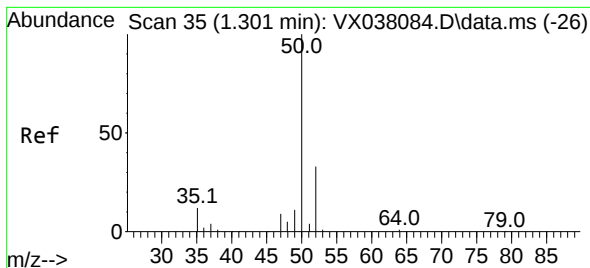
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#2
Dichlorodifluoromethane
Concen: 53.305 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

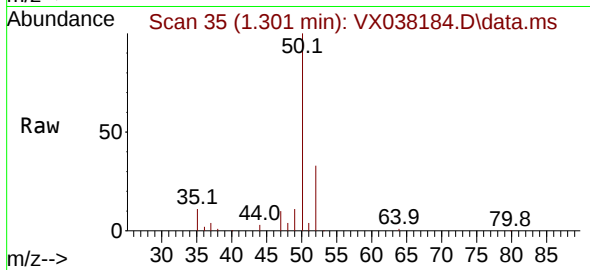
Tgt Ion: 85 Resp: 73759
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





#3
Chloromethane
Concen: 47.861 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

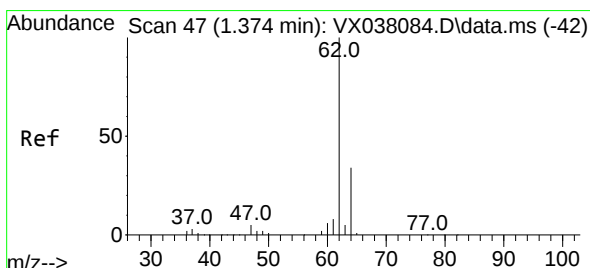
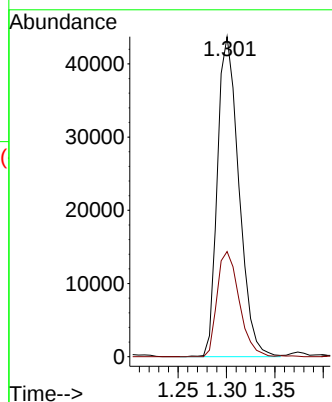
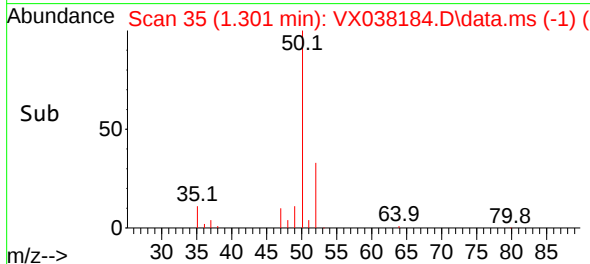
Instrument :
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Tgt Ion: 50 Resp: 67499
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3

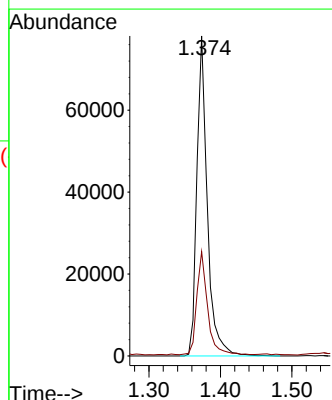
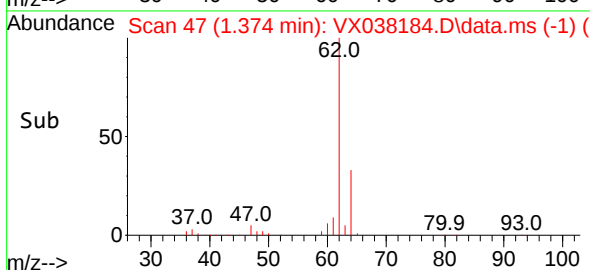
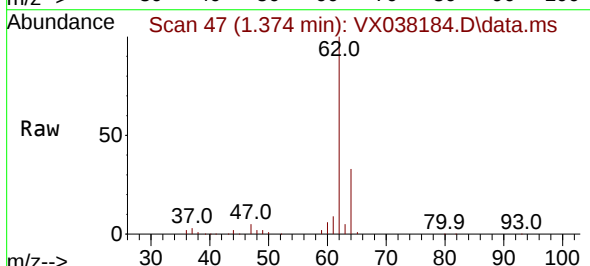
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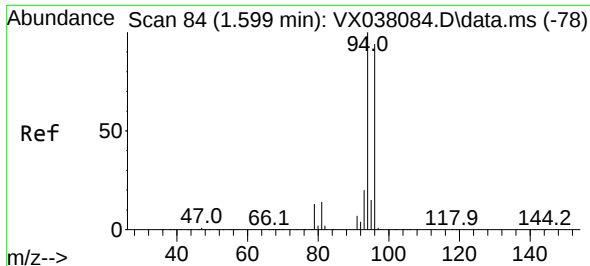
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#4
Vinyl Chloride
Concen: 50.678 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

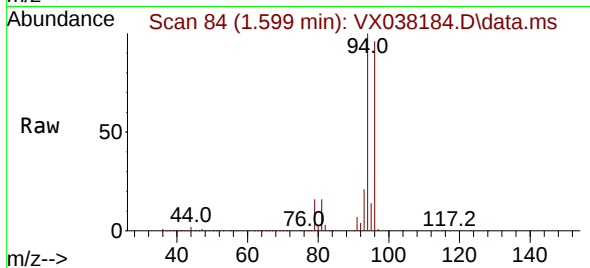
Tgt Ion: 62 Resp: 79243
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 56.801 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

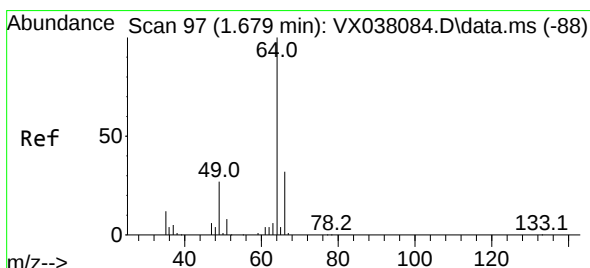
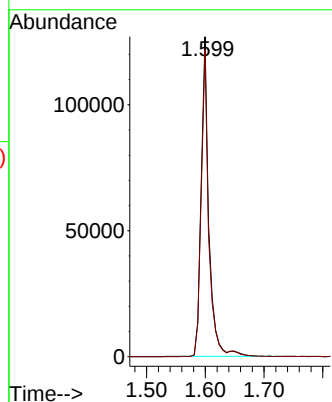
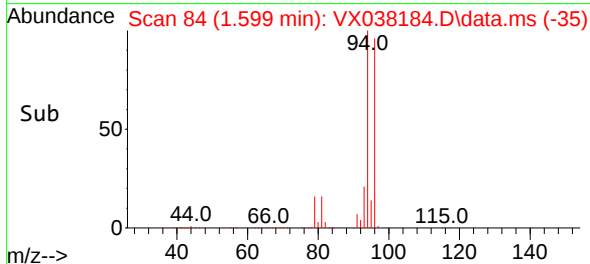
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Tgt Ion: 94 Resp: 116411
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

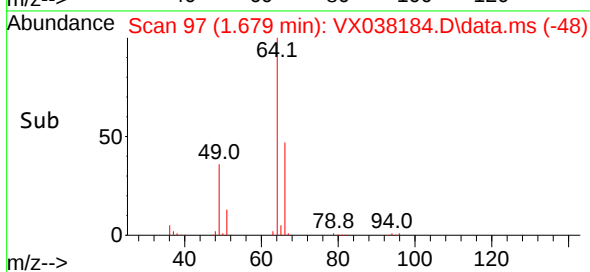
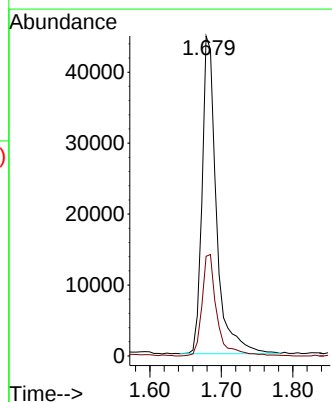
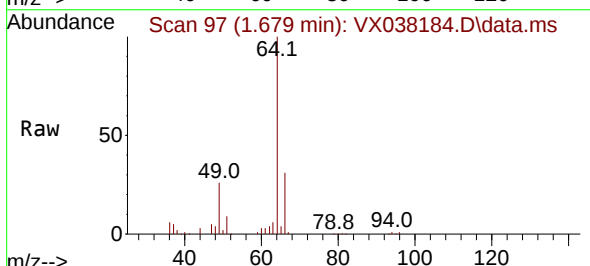
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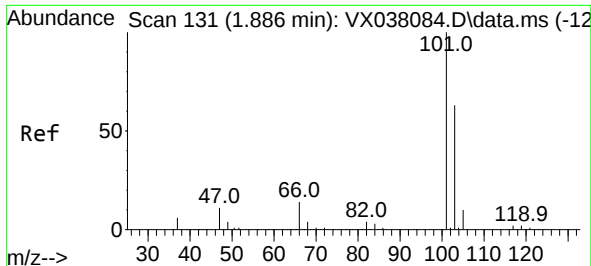
Reviewed By :John Carlone 10/10/2023
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#6
Chloroethane
Concen: 54.411 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

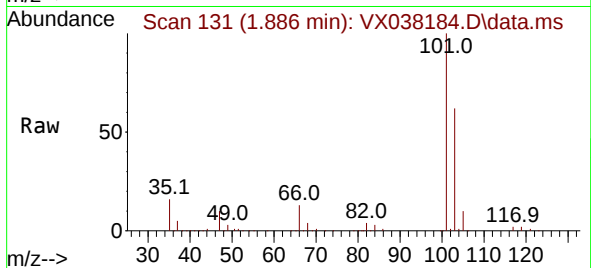
Tgt Ion: 64 Resp: 62742
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.642 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

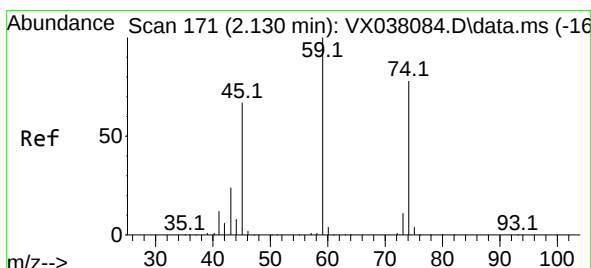
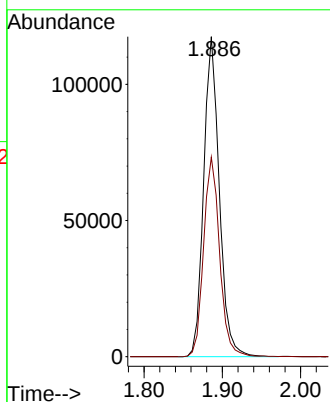
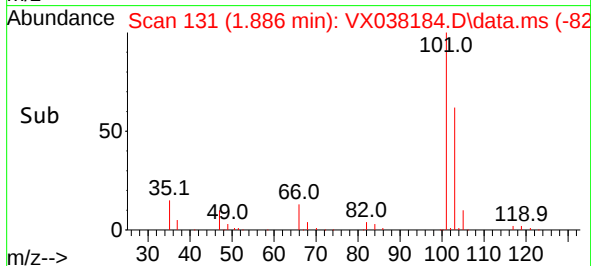
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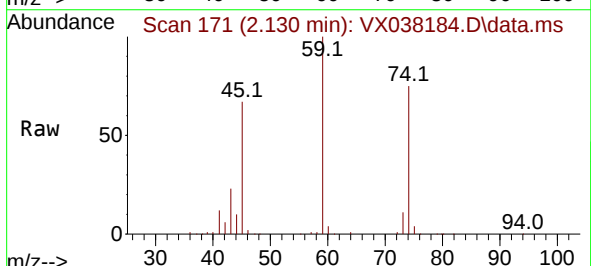
Tgt Ion:101 Resp: 162589
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2

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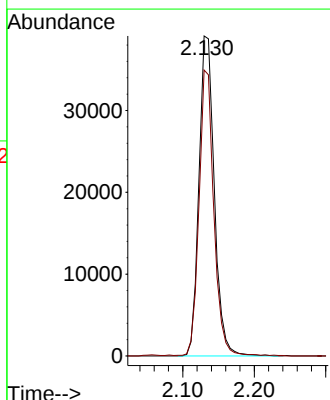
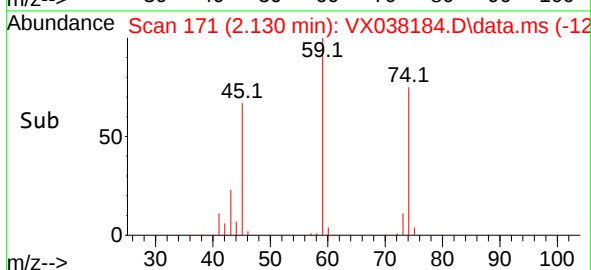
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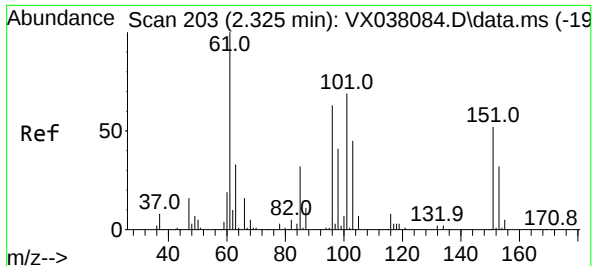


#8
Diethyl Ether
Concen: 50.715 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



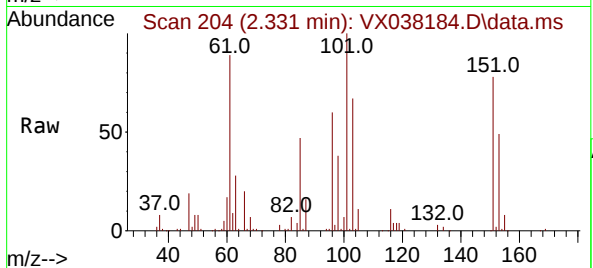
Tgt Ion: 74 Resp: 58418
Ion Ratio Lower Upper
74 100
45 86.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.927 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

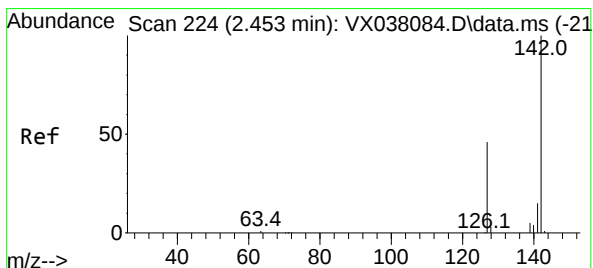
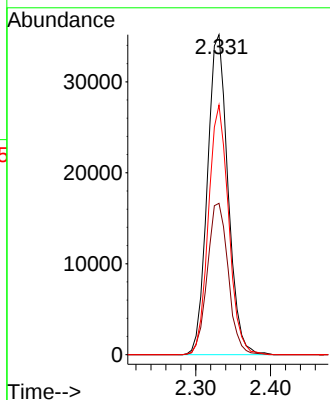
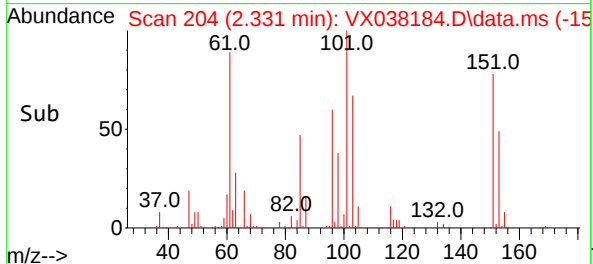
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 67319
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 76.6 58.6 87.8

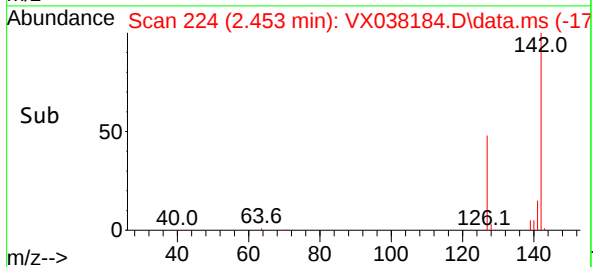
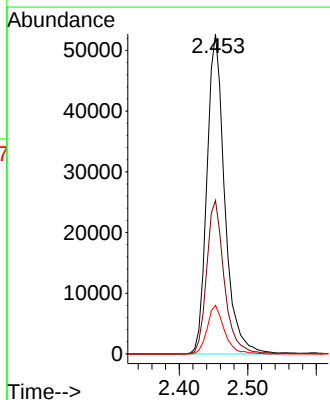
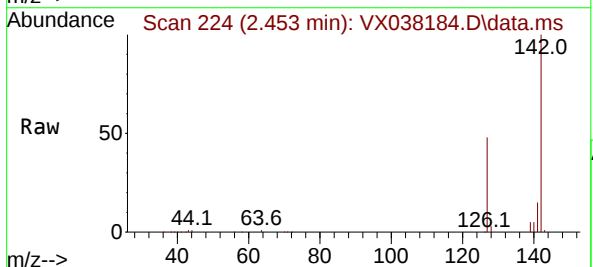
Manual Integrations
APPROVED

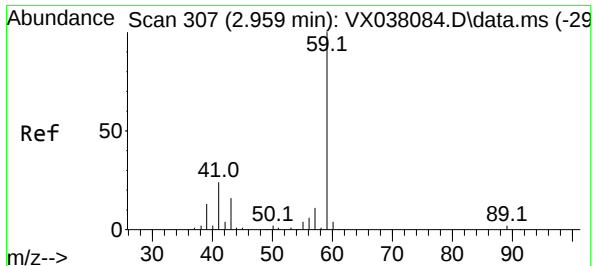
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#10
Methyl Iodide
Concen: 49.126 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion:142 Resp: 95306
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 213.426 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 109450

Ion Ratio Lower Upper

59 100

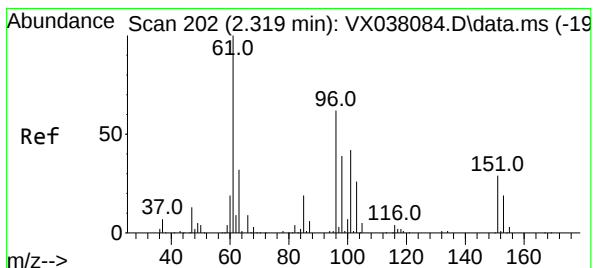
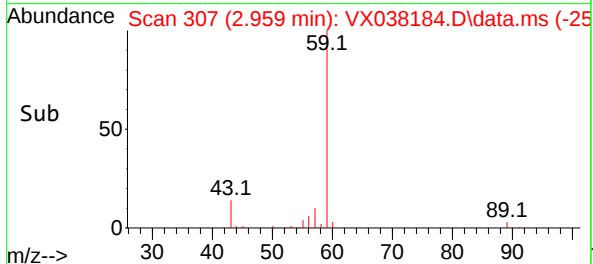
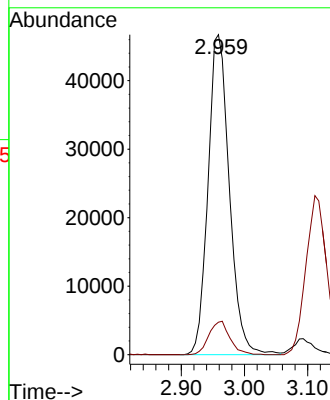
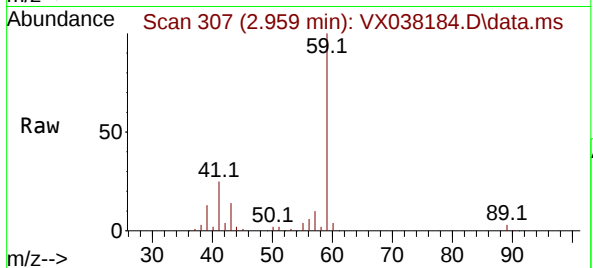
57 10.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#12

1,1-Dichloroethene

Concen: 50.336 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

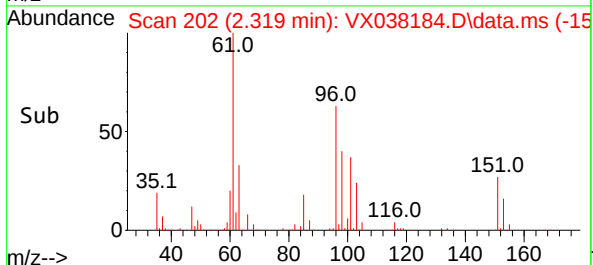
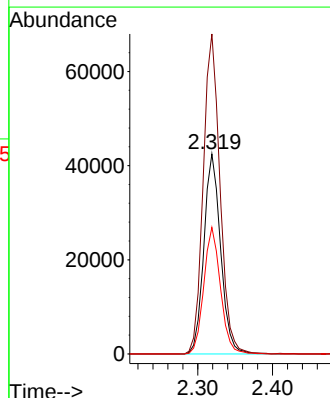
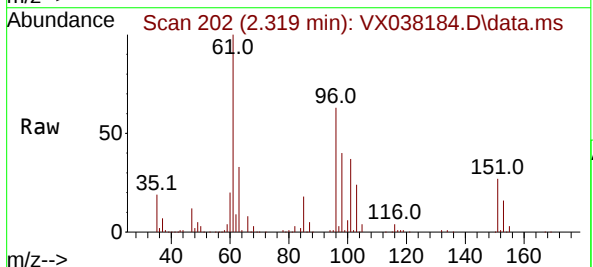
Tgt Ion: 96 Resp: 66019

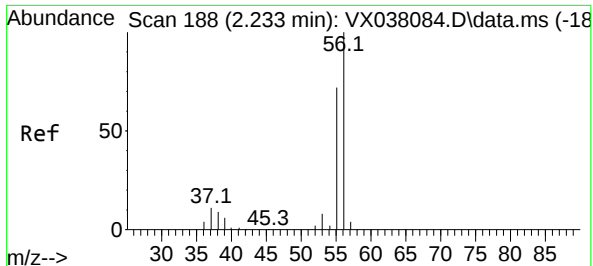
Ion Ratio Lower Upper

96 100

61 159.9 144.6 216.8

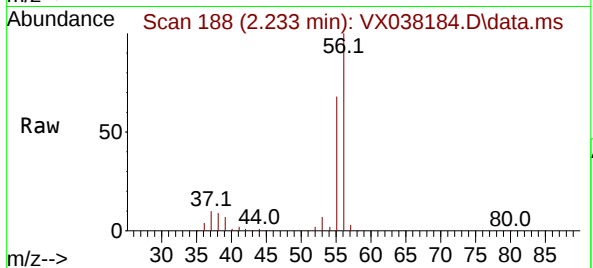
98 63.2 50.4 75.6





#13
Acrolein
Concen: 287.917 ug/l
RT: 2.233 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

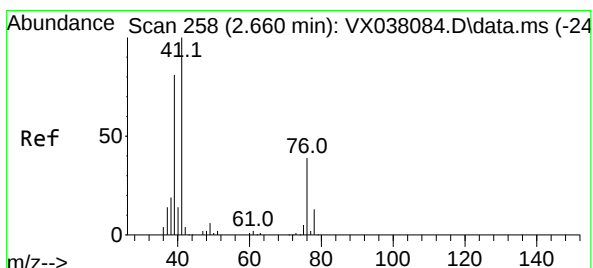
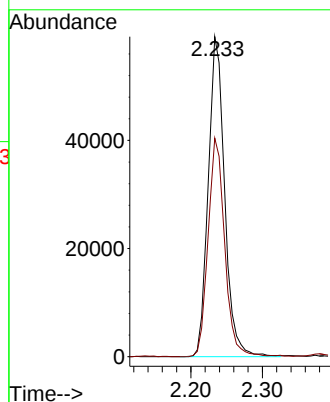
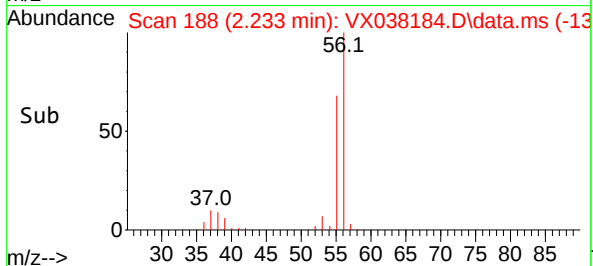
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 94375
Ion Ratio Lower Upper
56 100
55 69.1 57.1 85.7

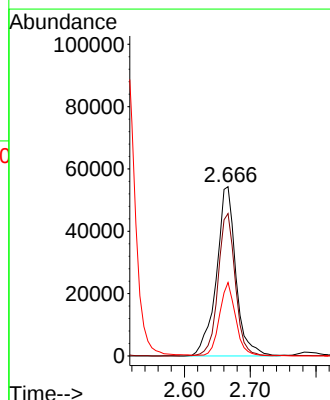
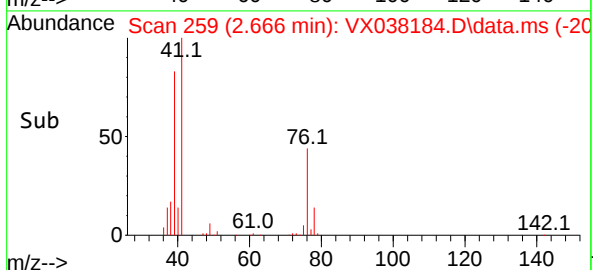
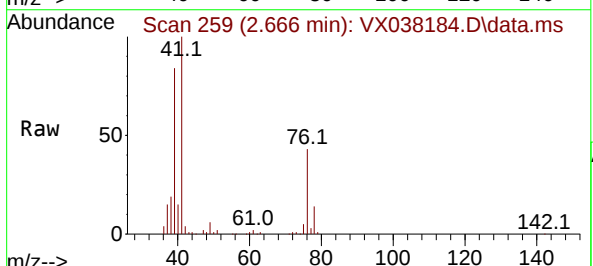
Manual Integrations
APPROVED

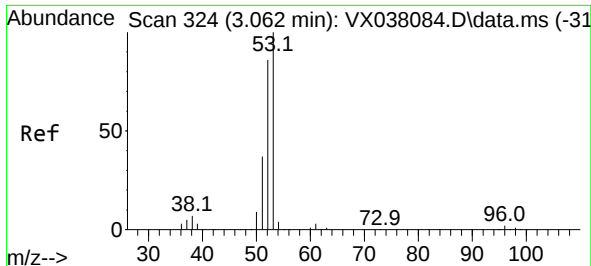
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#14
Allyl chloride
Concen: 47.757 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

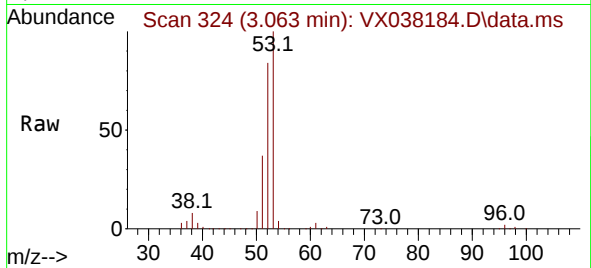
Tgt Ion: 41 Resp: 112036
Ion Ratio Lower Upper
41 100
39 74.5 55.8 83.6
76 35.8 24.3 36.5





#15
Acrylonitrile
Concen: 238.816 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

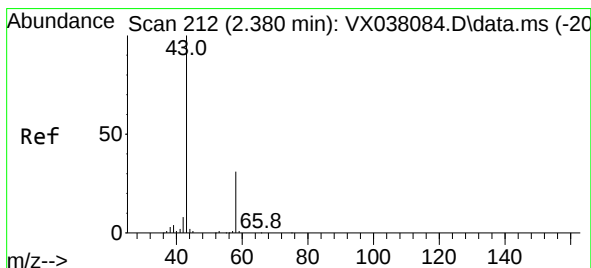
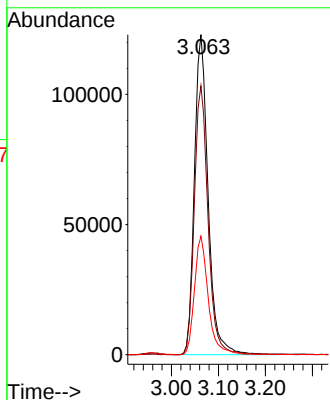
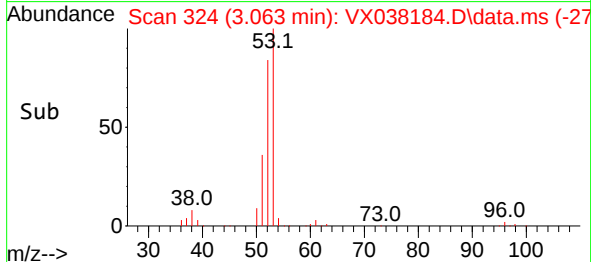
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 250588
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 37.3 29.8 44.6

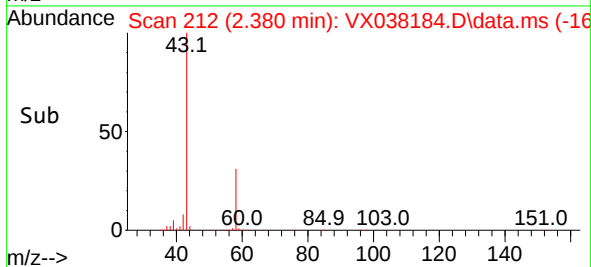
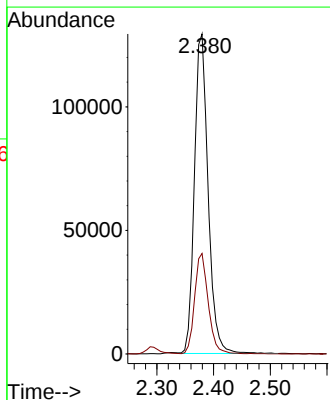
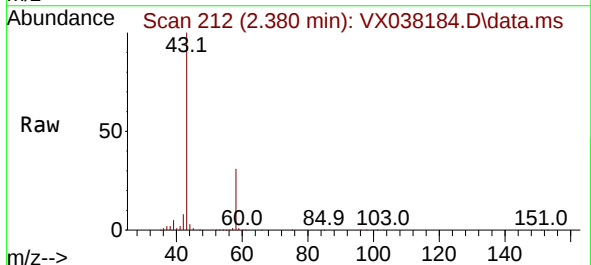
Manual Integrations
APPROVED

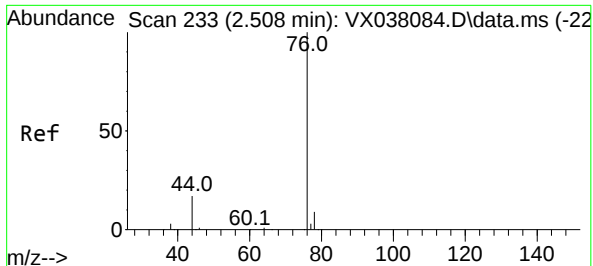
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#16
Acetone
Concen: 224.977 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 43 Resp: 216495
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





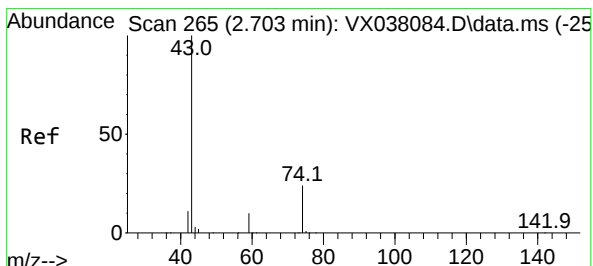
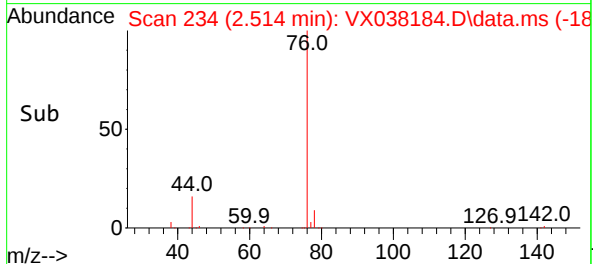
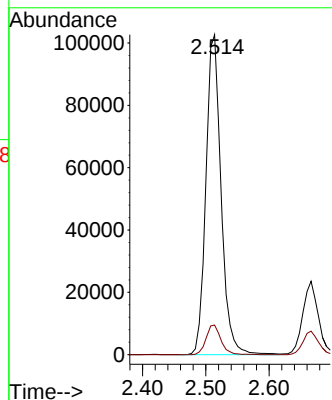
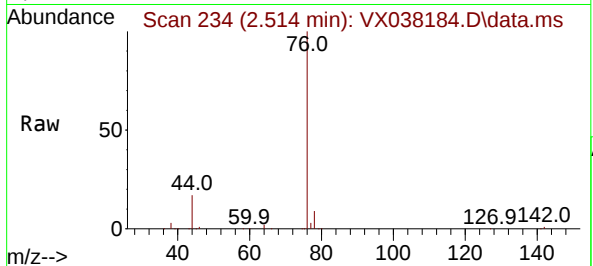
#17
Carbon Disulfide
Concen: 45.372 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 171514
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

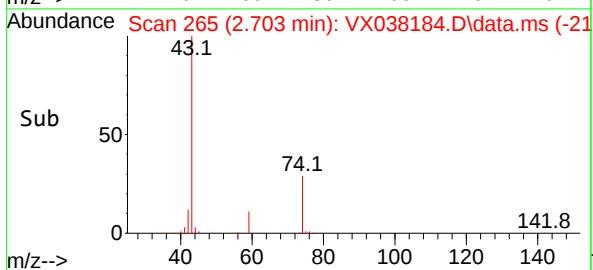
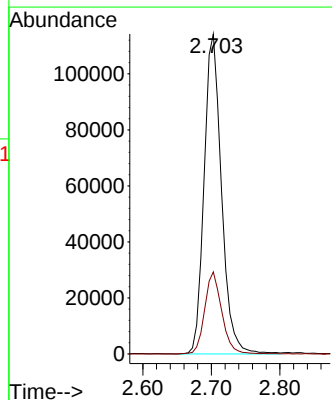
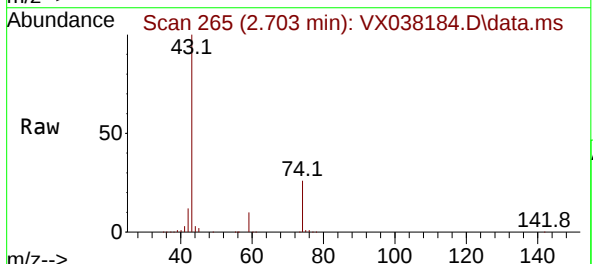
Manual Integrations
APPROVED

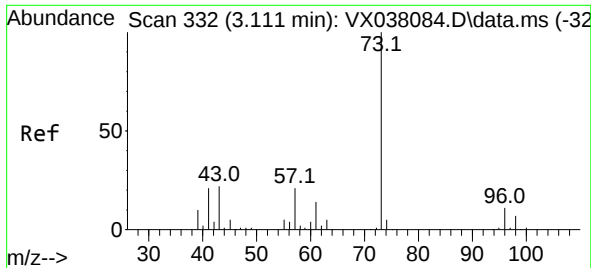
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#18
Methyl Acetate
Concen: 48.926 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 43 Resp: 201902
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.8





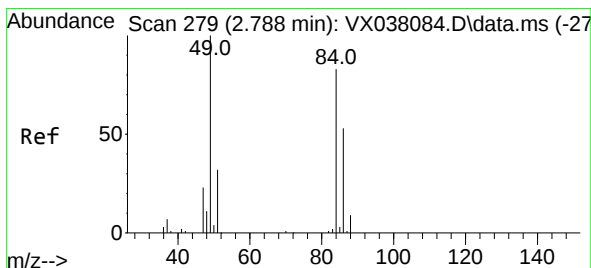
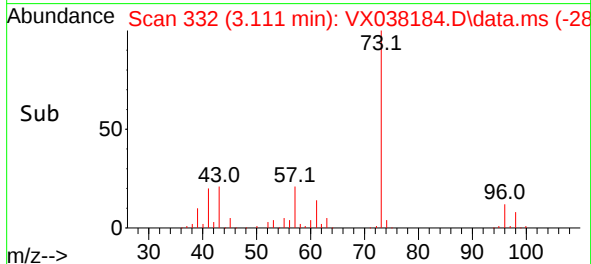
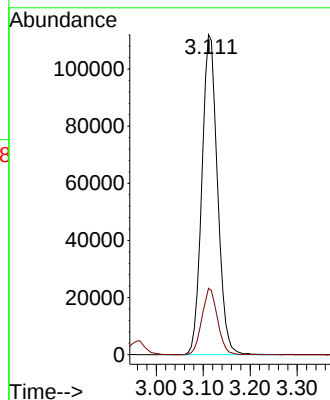
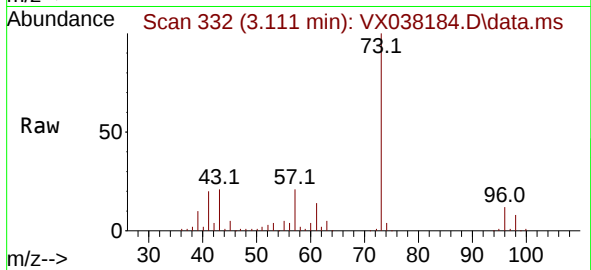
#19
Methyl tert-butyl Ether
Concen: 49.357 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 257818
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

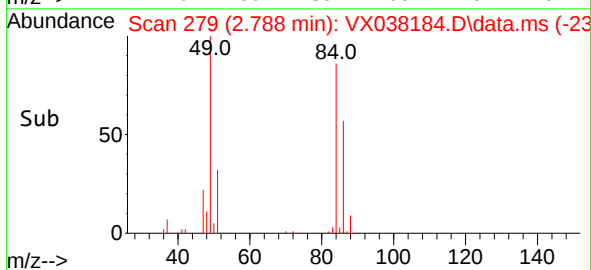
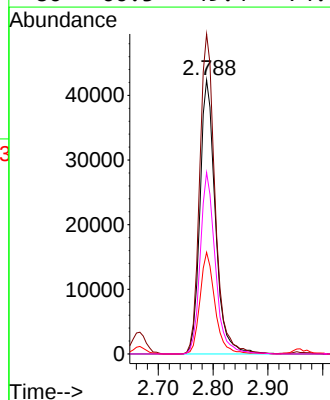
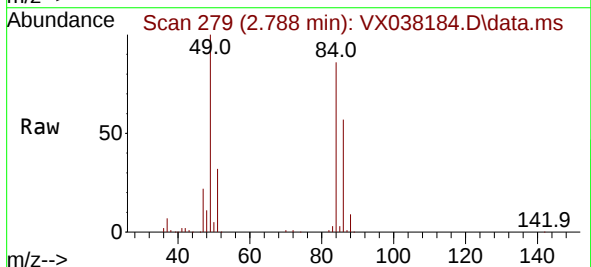
Manual Integrations
APPROVED

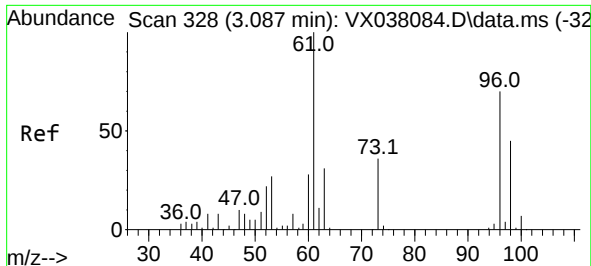
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#20
Methylene Chloride
Concen: 45.789 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

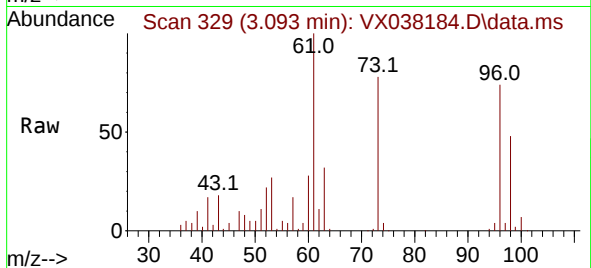
Tgt Ion: 84 Resp: 82882
Ion Ratio Lower Upper
84 100
49 116.8 103.6 155.4
51 37.1 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.972 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

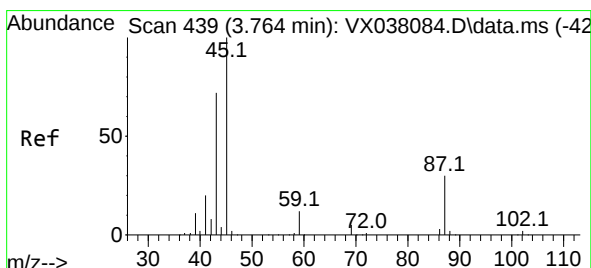
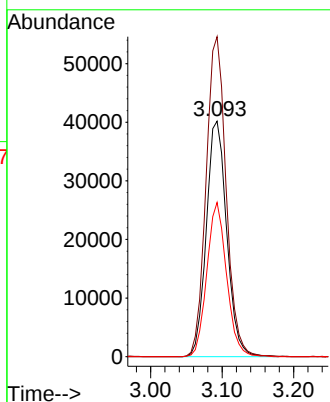
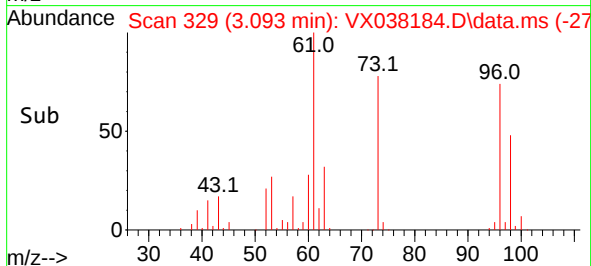
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 79520
Ion Ratio Lower Upper
96 100
61 135.8 119.2 178.8
98 65.5 48.7 73.1

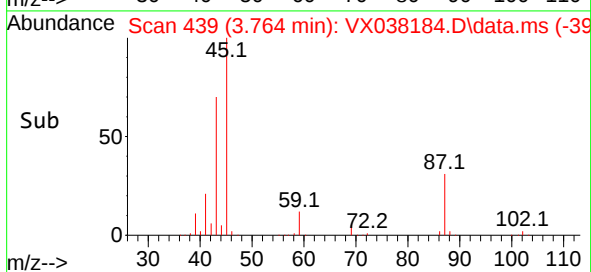
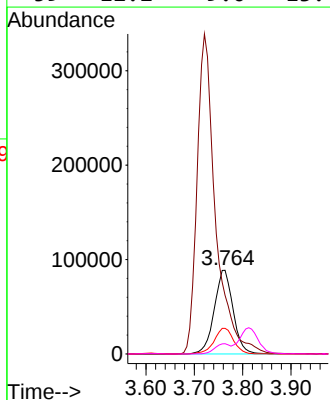
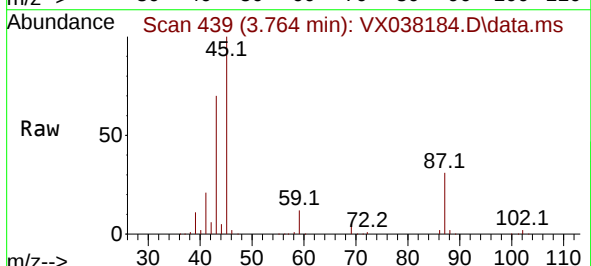
Manual Integrations
APPROVED

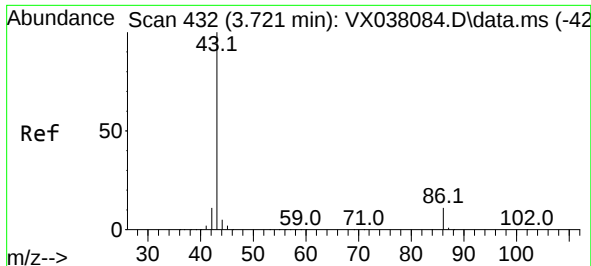
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#22
Diisopropyl ether
Concen: 48.765 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

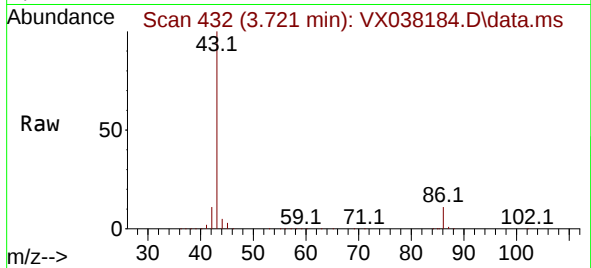
Tgt Ion: 45 Resp: 239763
Ion Ratio Lower Upper
45 100
43 69.8 69.7 104.5
87 30.6 20.8 31.2
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 250.206 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038184.D
 Acq: 09 Oct 2023 20:01

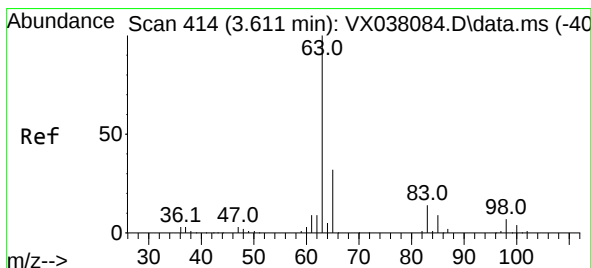
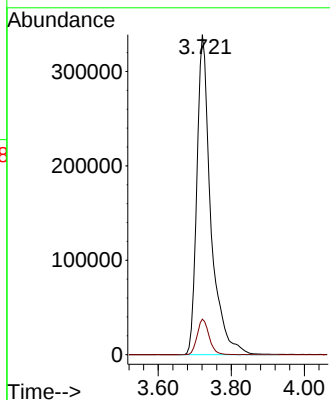
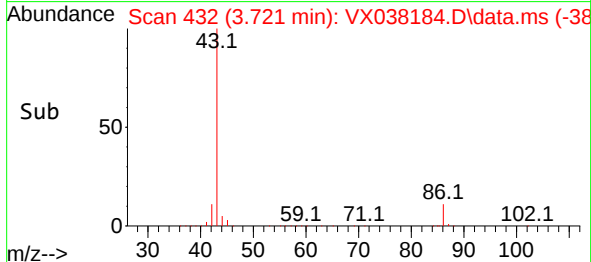
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



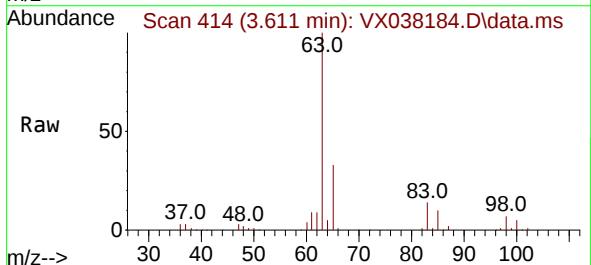
Tgt Ion: 43 Resp: 902150
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

Manual Integrations
 APPROVED

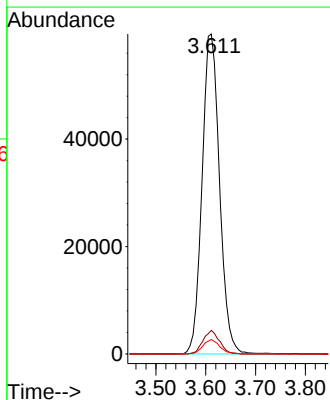
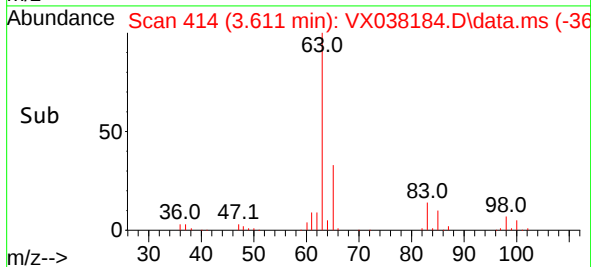
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

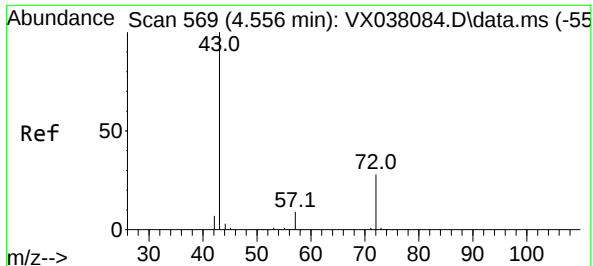


#24
 1,1-Dichloroethane
 Concen: 48.535 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038184.D
 Acq: 09 Oct 2023 20:01



Tgt Ion: 63 Resp: 144821
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.5 2.1 6.5





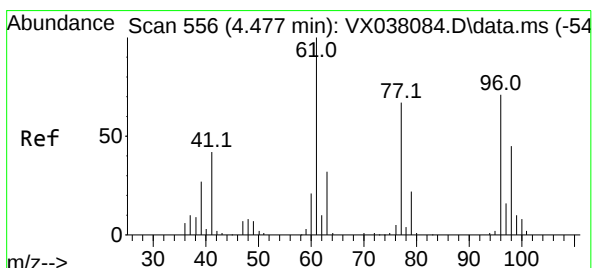
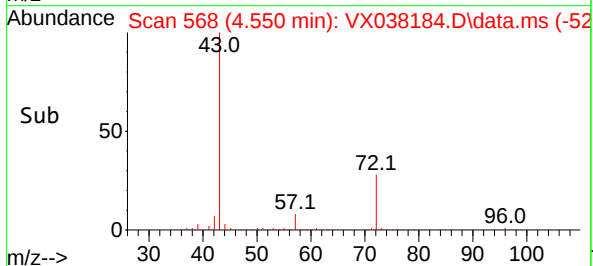
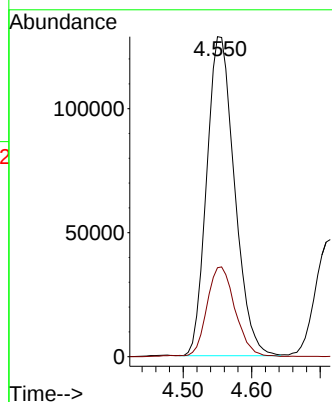
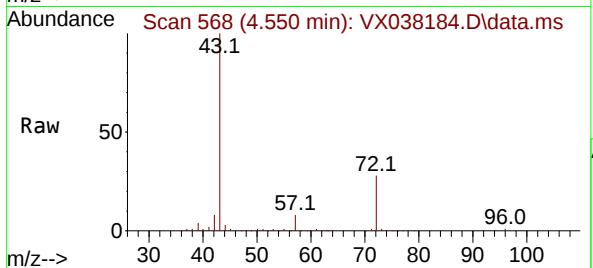
#25
2-Butanone
Concen: 233.990 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 363304
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2

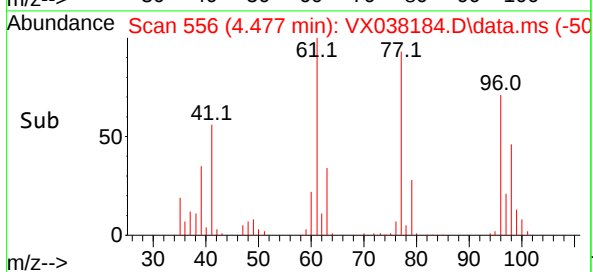
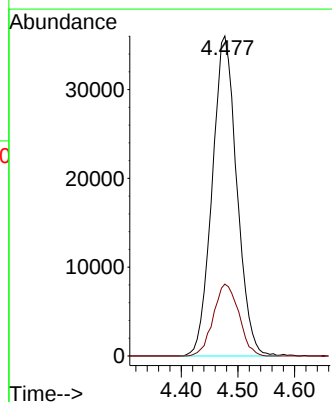
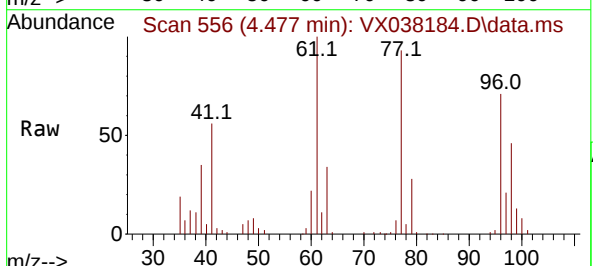
Manual Integrations
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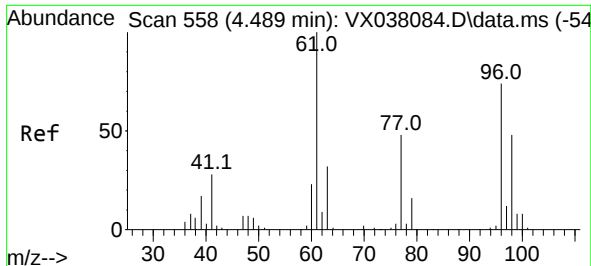
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#26
2,2-Dichloropropane
Concen: 46.743 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 77 Resp: 108894
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.554 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 95838

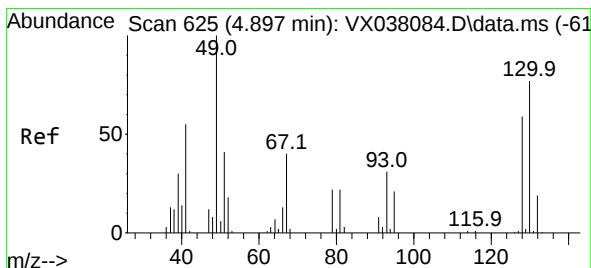
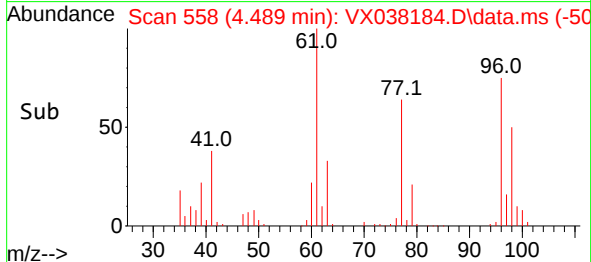
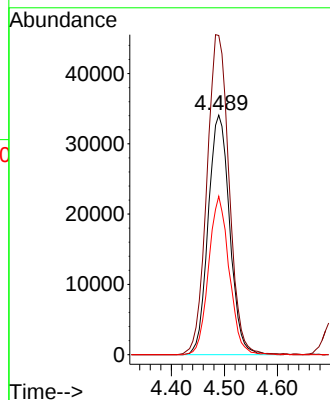
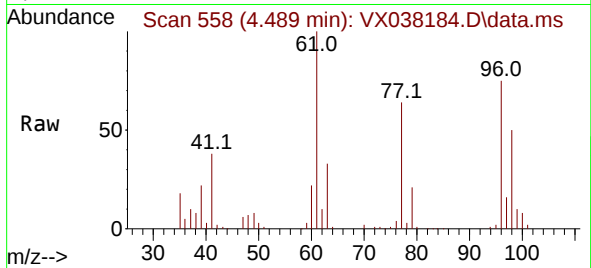
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	312.2
98	63.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#28

Bromochloromethane

Concen: 50.091 ug/l

RT: 4.898 min Scan# 625

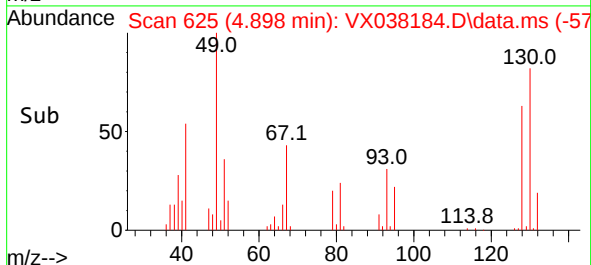
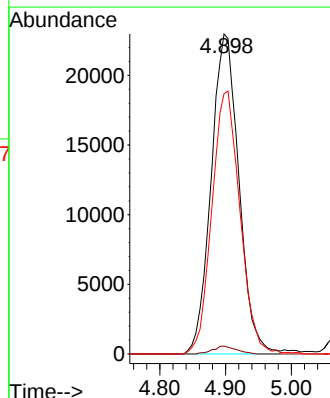
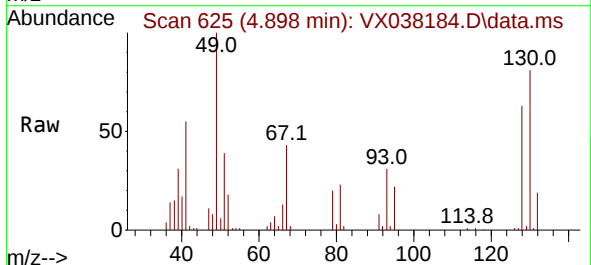
Delta R.T. 0.001 min

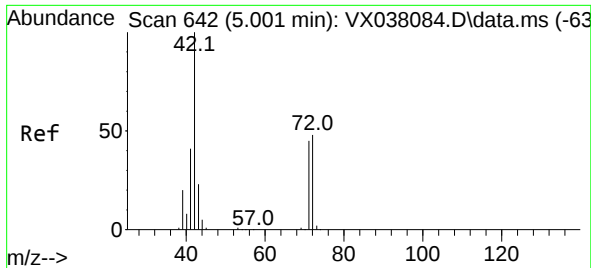
Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Tgt Ion: 49 Resp: 67473

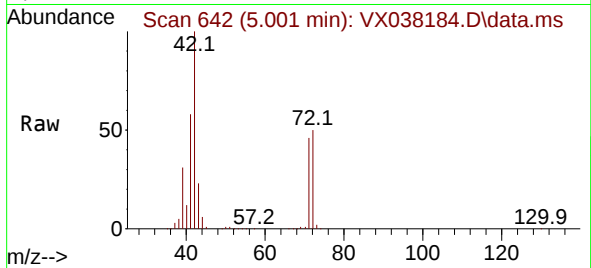
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	82.9	57.5	86.3





#29
Tetrahydrofuran
Concen: 231.647 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

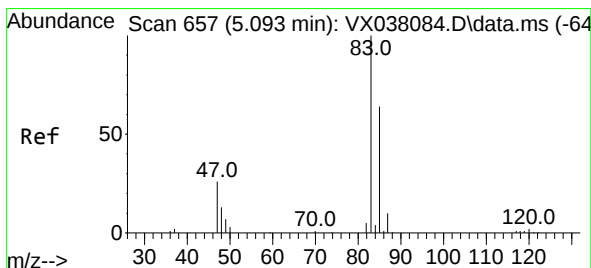
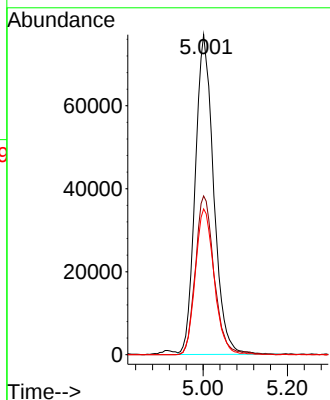
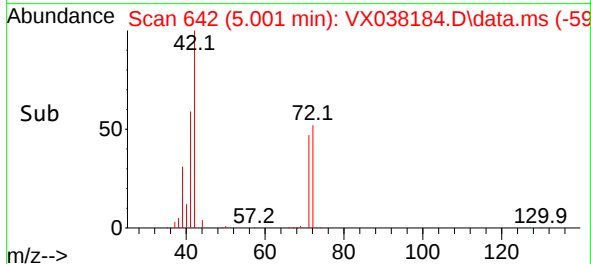
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 23416
Ion Ratio Lower Upper
42 100
72 50.7 34.2 51.4
71 46.7 32.2 48.2

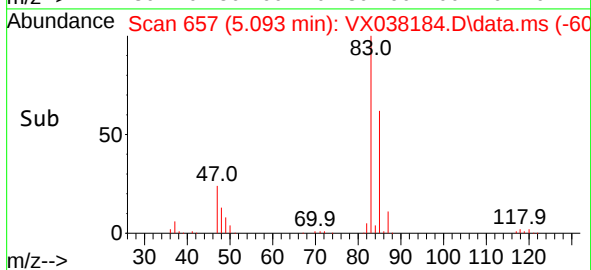
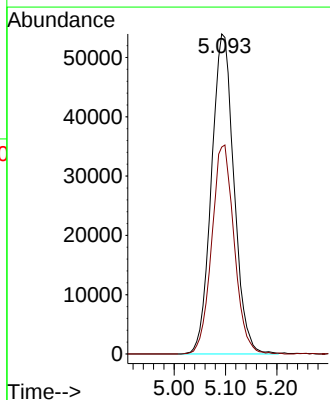
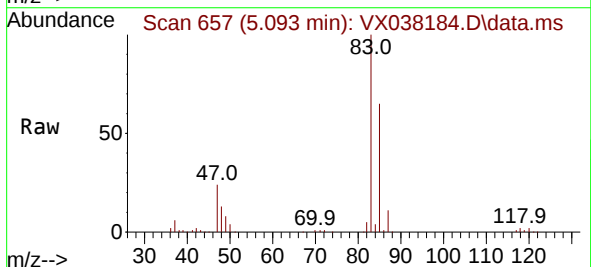
Manual Integrations
APPROVED

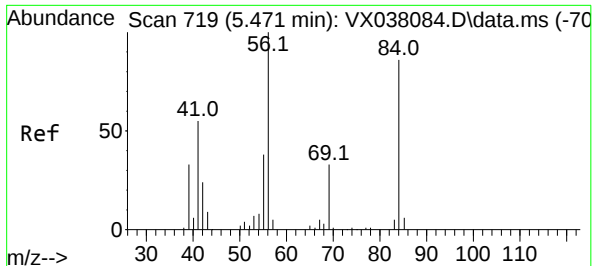
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#30
Chloroform
Concen: 50.283 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

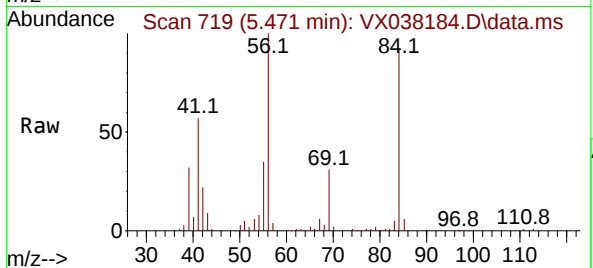
Tgt Ion: 83 Resp: 164071
Ion Ratio Lower Upper
83 100
85 64.6 50.3 75.5





#31
Cyclohexane
Concen: 48.290 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

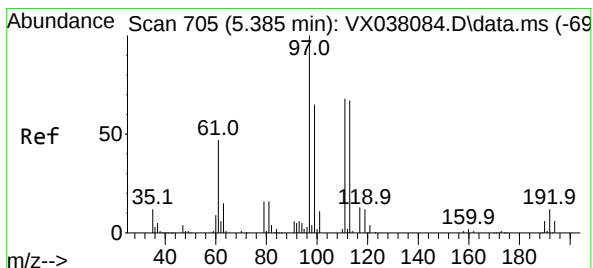
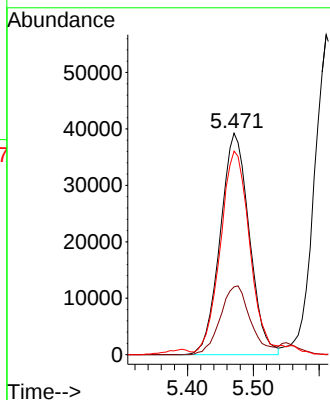
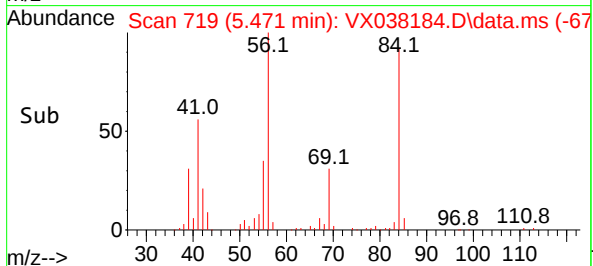
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12063
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.2
84 89.8 65.9 98.9

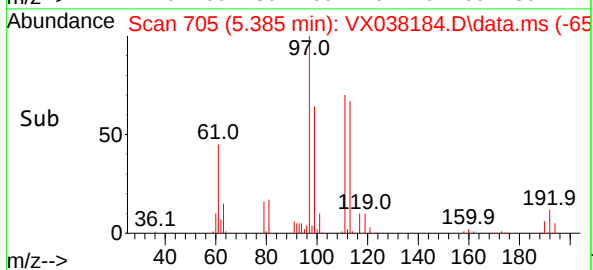
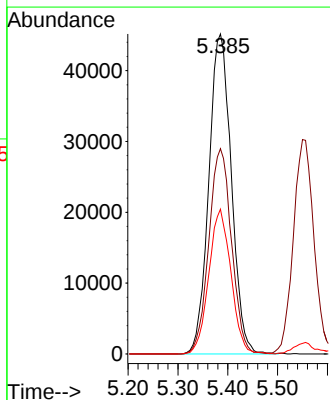
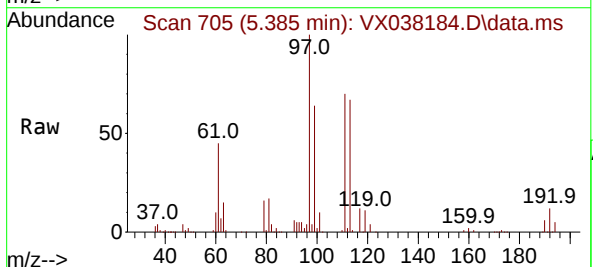
Manual Integrations
APPROVED

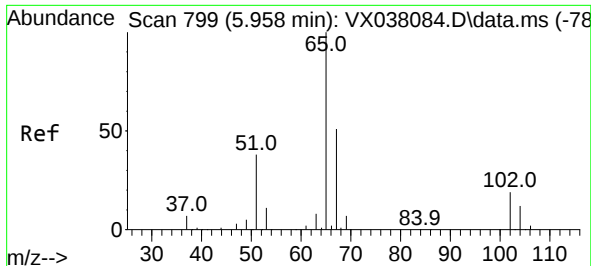
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#32
1,1,1-Trichloroethane
Concen: 50.682 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

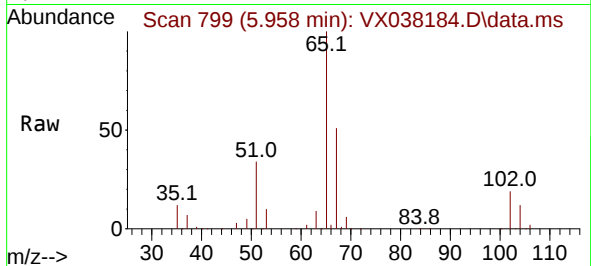
Tgt Ion: 97 Resp: 141644
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 44.6 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.575 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

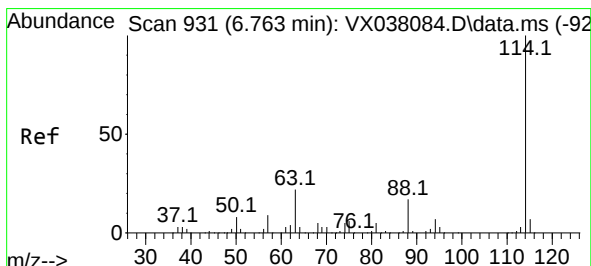
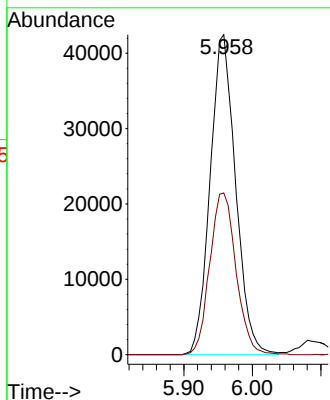
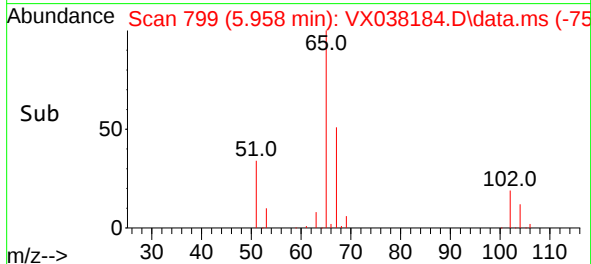
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



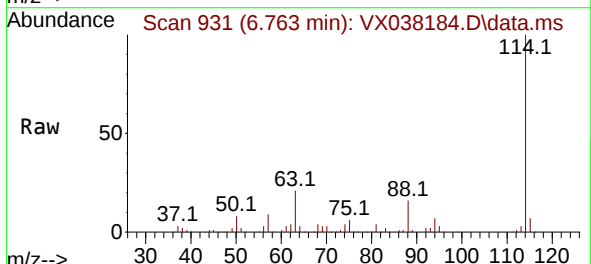
Tgt Ion: 65 Resp: 109690
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

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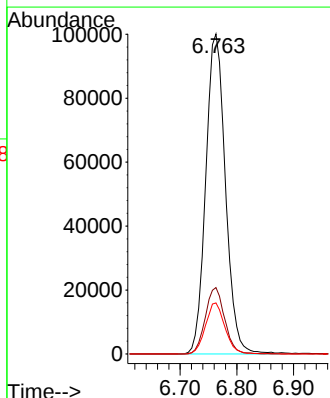
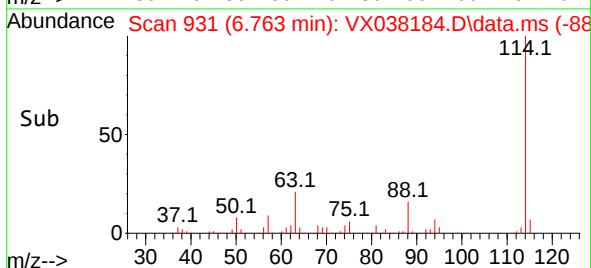
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

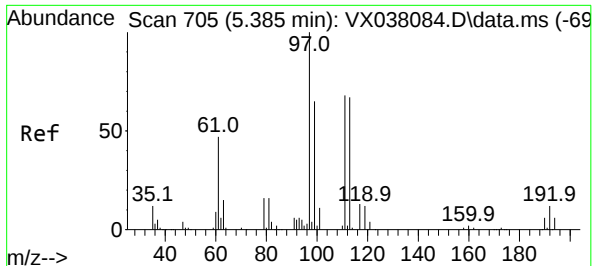


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



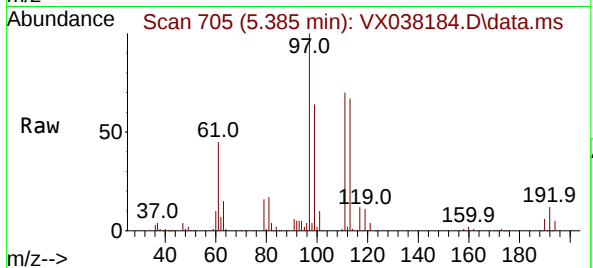
Tgt Ion:114 Resp: 241229
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

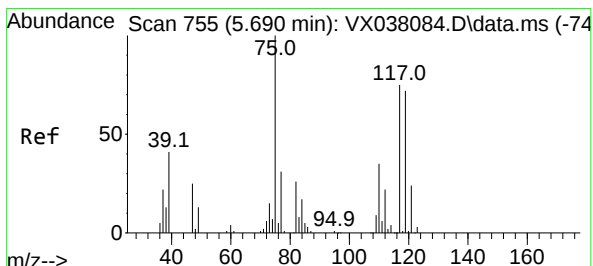
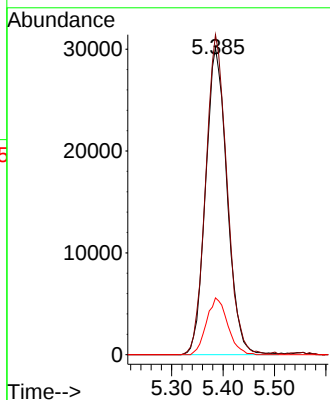
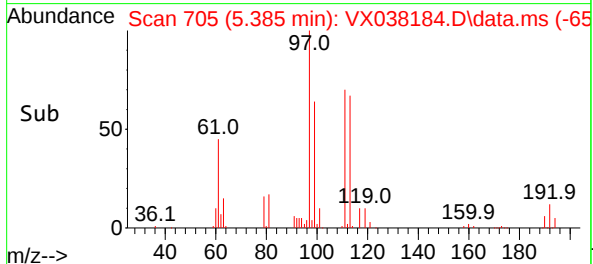
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 87274
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.3 13.3 19.9

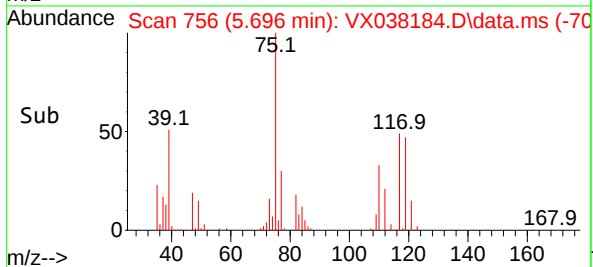
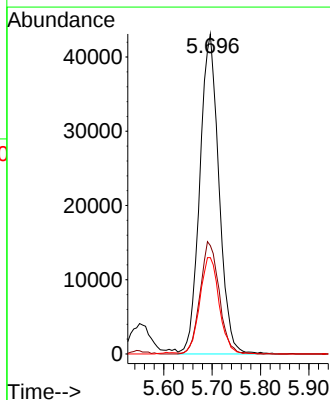
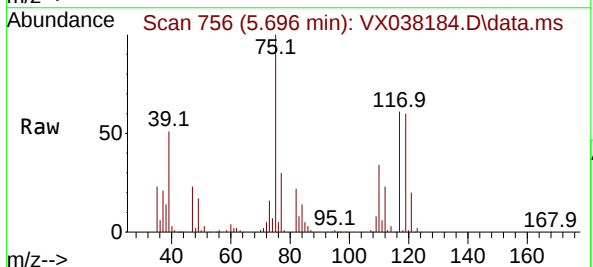
Manual Integrations
APPROVED

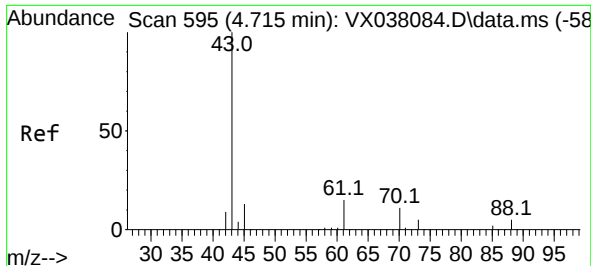
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#36
1,1-Dichloropropene
Concen: 49.333 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

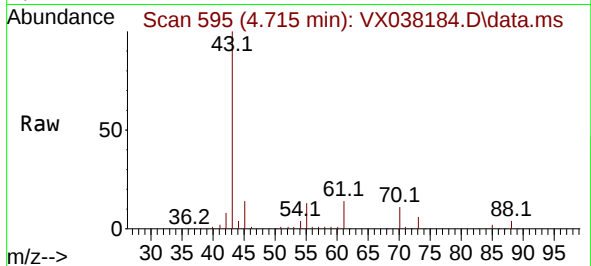
Tgt Ion: 75 Resp: 118250
Ion Ratio Lower Upper
75 100
110 35.0 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 48.236 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

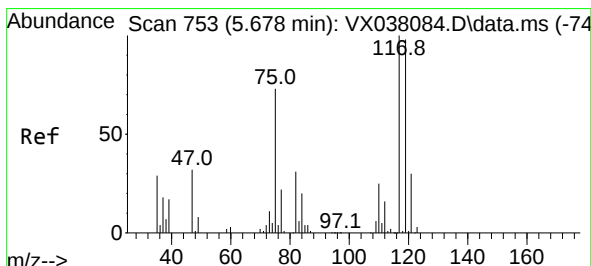
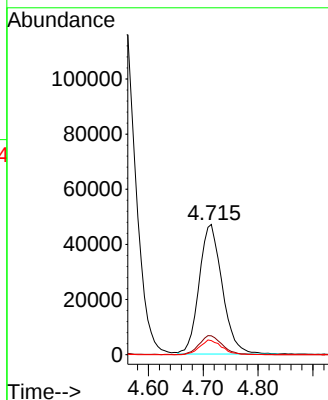
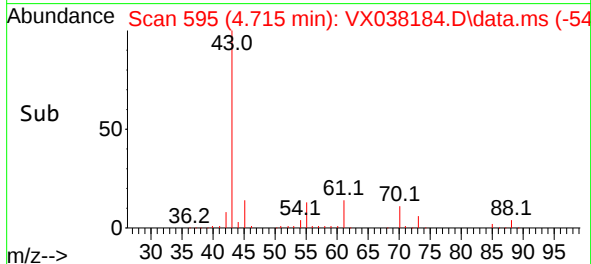
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 137311
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 10.8 8.3 12.5

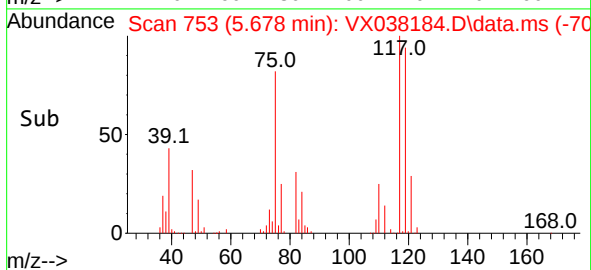
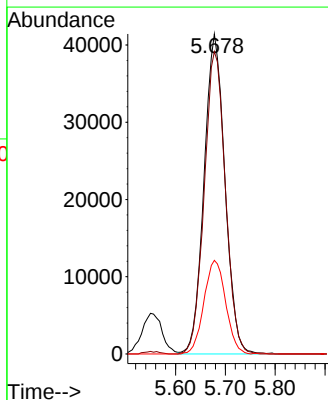
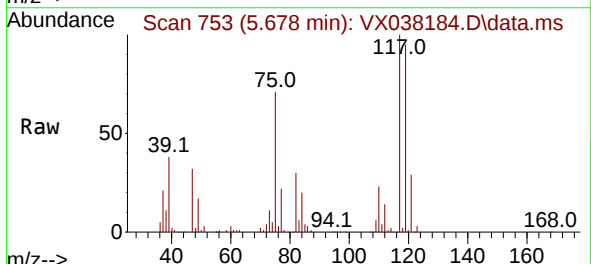
Manual Integrations
APPROVED

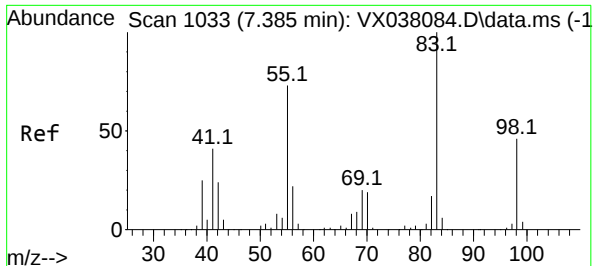
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#38
Carbon Tetrachloride
Concen: 51.076 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion:117 Resp: 120437
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 49.345 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13854

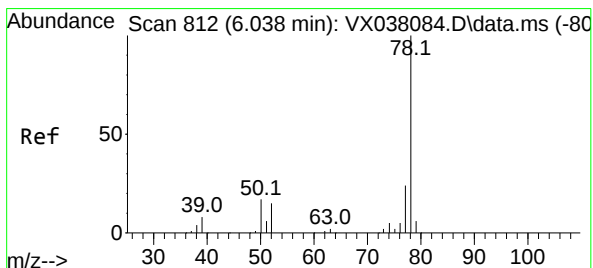
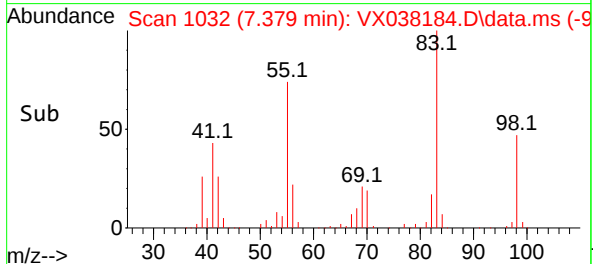
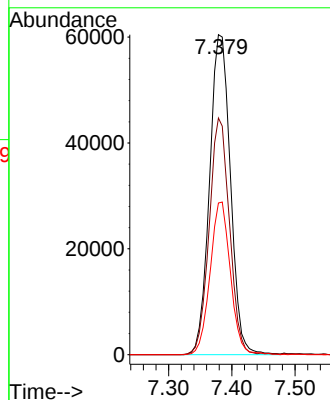
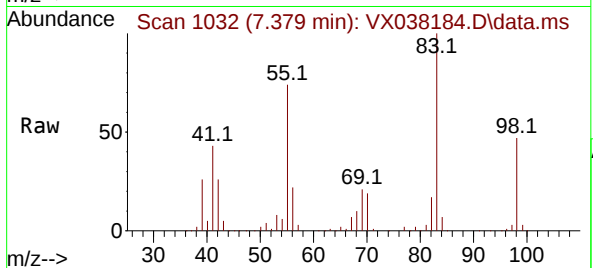
Ion	Ratio	Lower	Upper
83	100		
55	74.0	64.6	97.0
98	47.4	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#40

Benzene

Concen: 50.272 ug/l

RT: 6.044 min Scan# 813

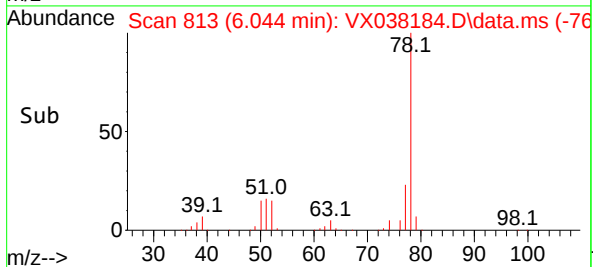
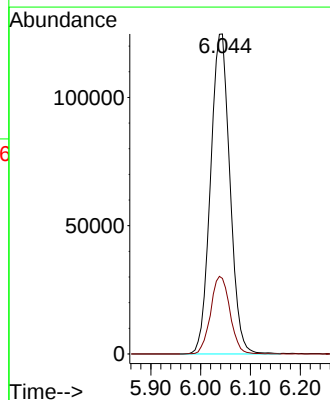
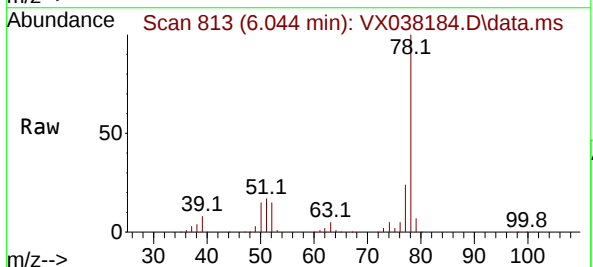
Delta R.T. 0.006 min

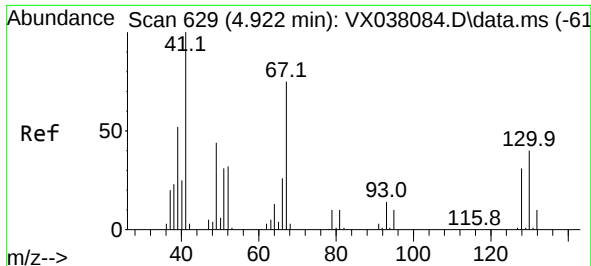
Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Tgt Ion: 78 Resp: 337031

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





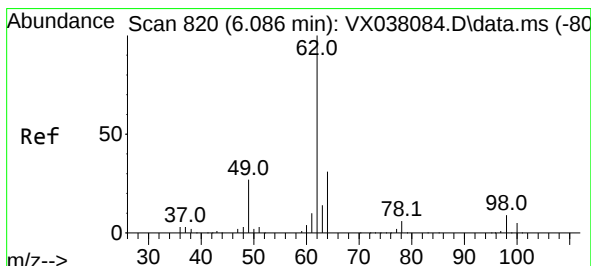
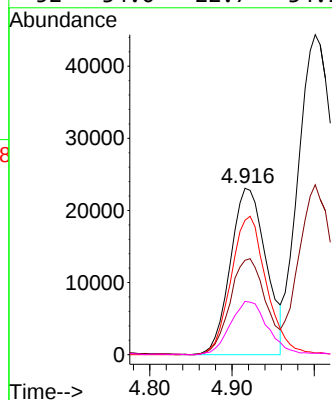
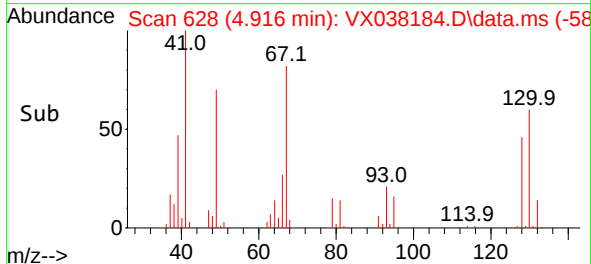
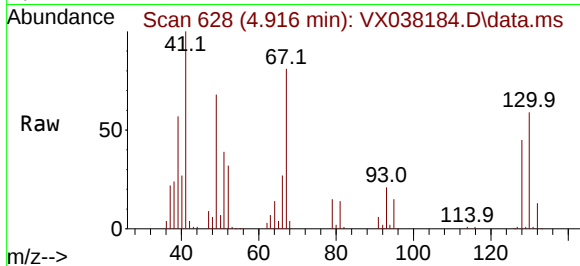
#41
Methacrylonitrile
Concen: 49.270 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 6977
Ion Ratio	Lower Upper
41 100	
39 57.6	45.2 67.8
67 82.7	52.6 78.8
52 34.0	22.7 34.1

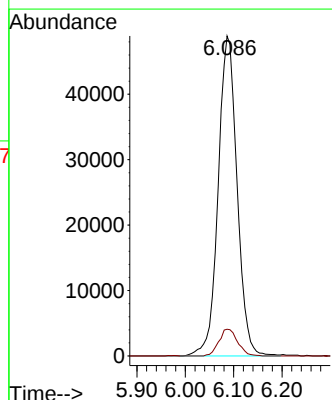
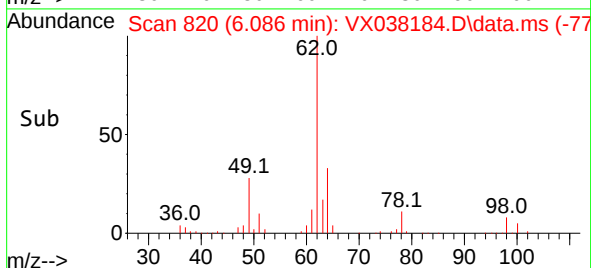
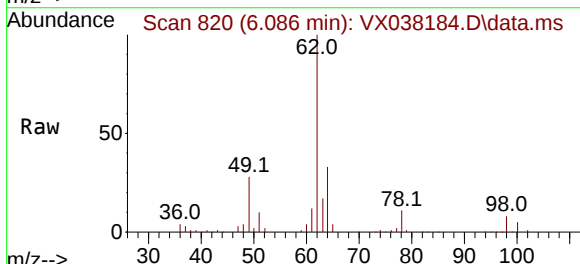
Manual Integrations
APPROVED

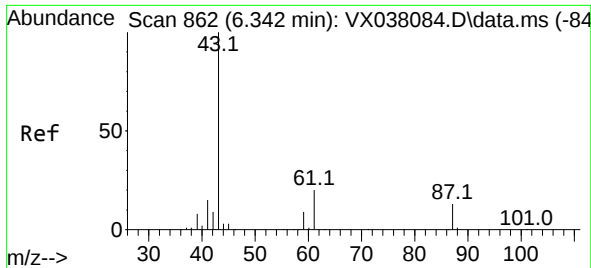
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#42
1,2-Dichloroethane
Concen: 49.634 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

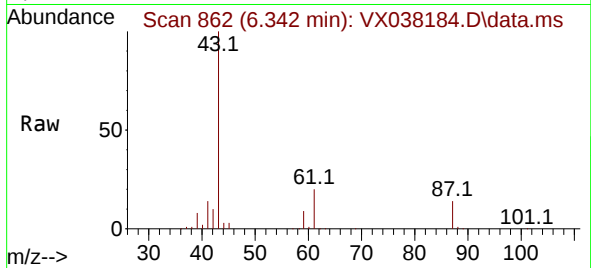
Tgt Ion: 62	Resp: 132947
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 16.0





#43
Isopropyl Acetate
Concen: 50.081 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

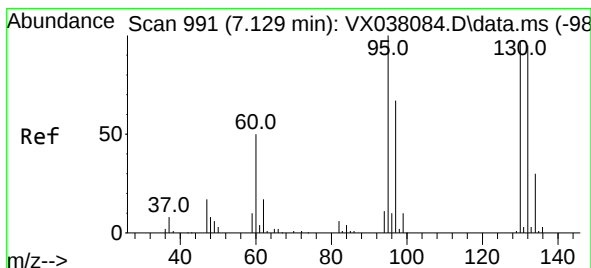
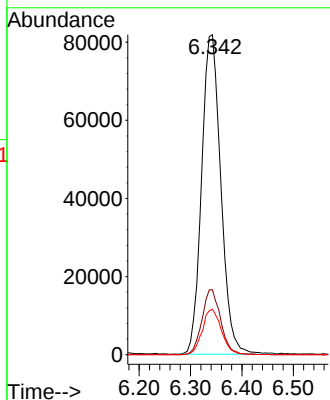
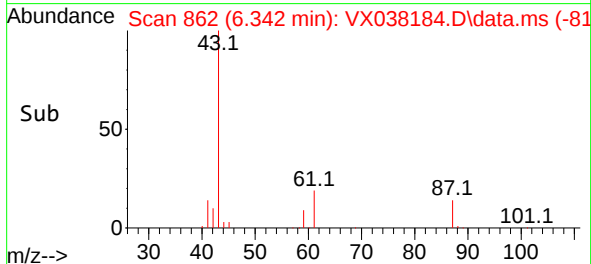
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 212830
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 14.2 9.8 14.6

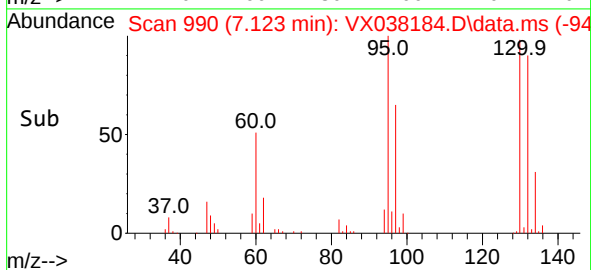
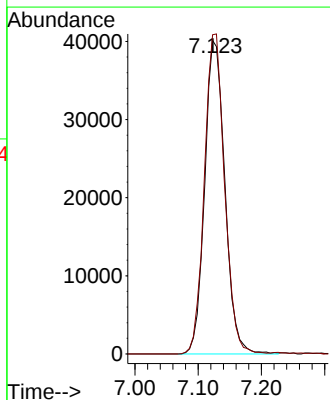
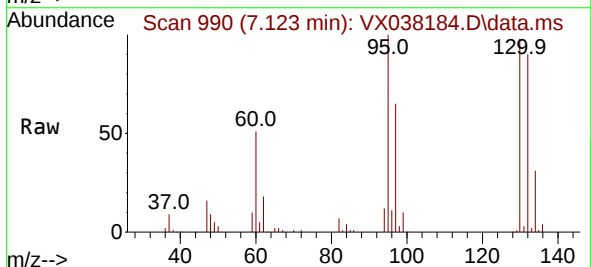
Manual Integrations
APPROVED

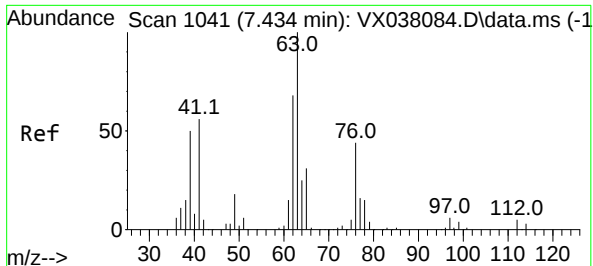
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#44
Trichloroethene
Concen: 50.806 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion:130 Resp: 89088
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.250 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8719

Ion Ratio Lower Upper

63 100

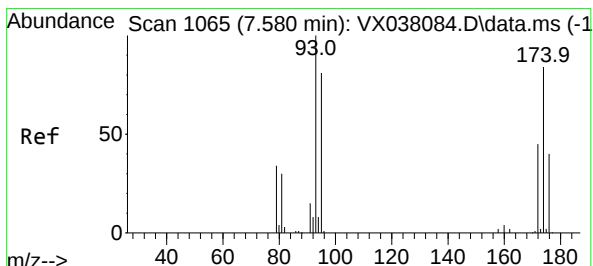
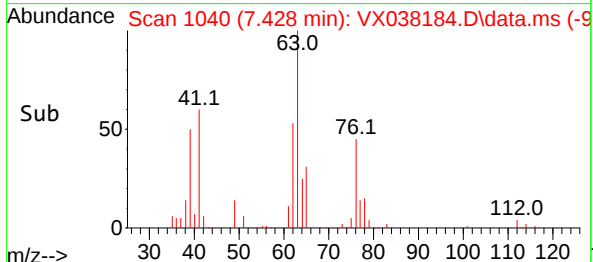
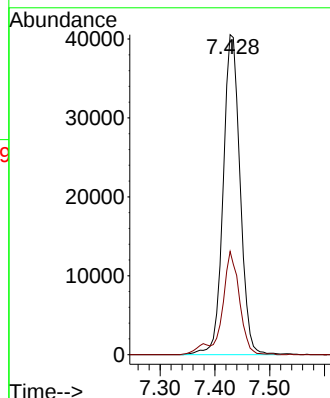
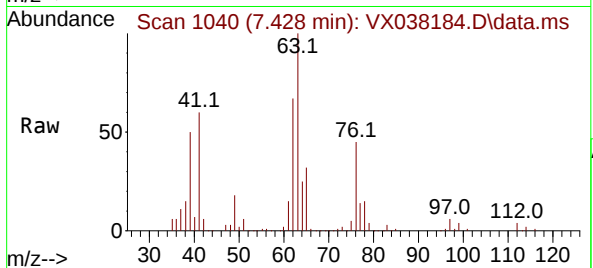
65 32.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#46

Dibromomethane

Concen: 50.823 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

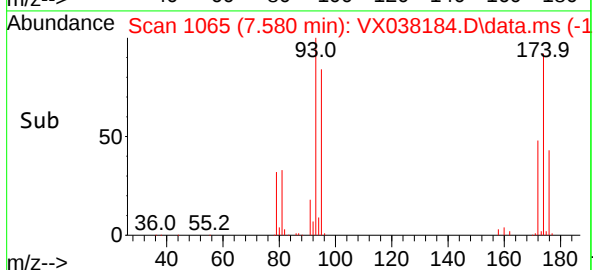
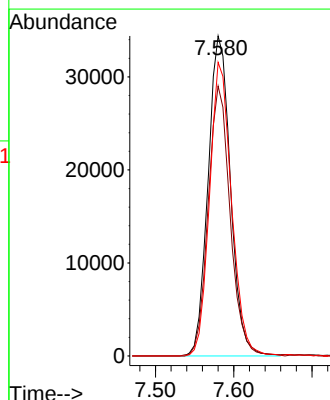
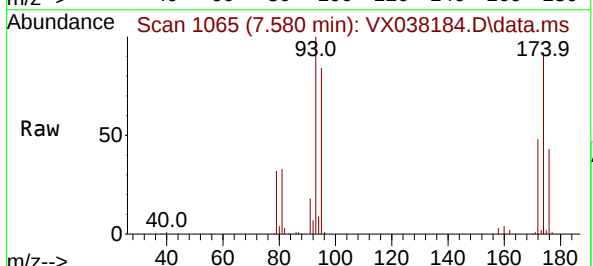
Tgt Ion: 93 Resp: 68396

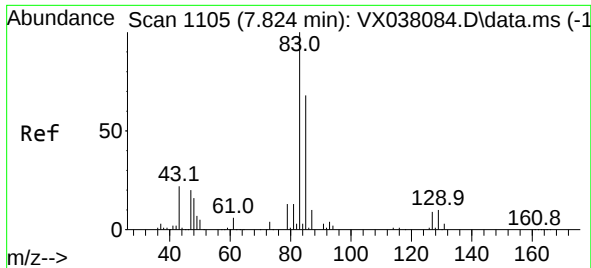
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

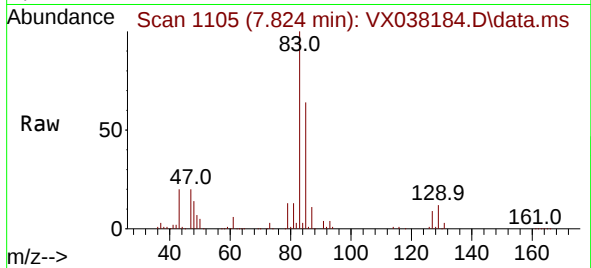
174 90.0 69.4 104.0





#47
Bromodichloromethane
Concen: 52.891 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

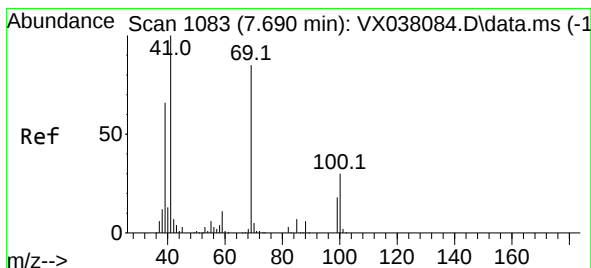
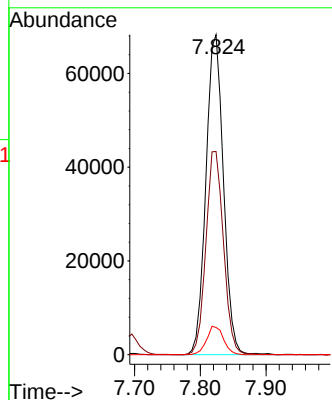
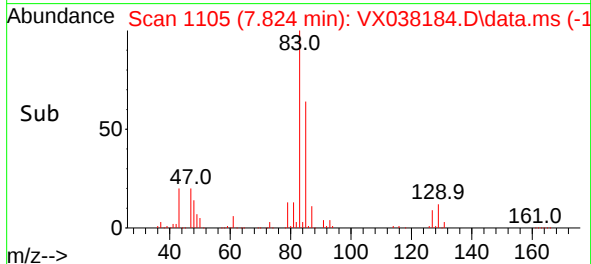
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 126629
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 8.5 7.1 10.7

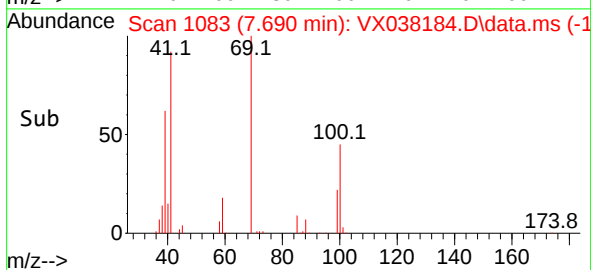
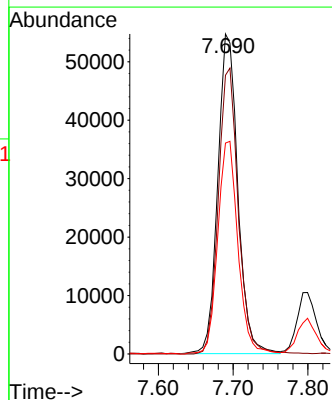
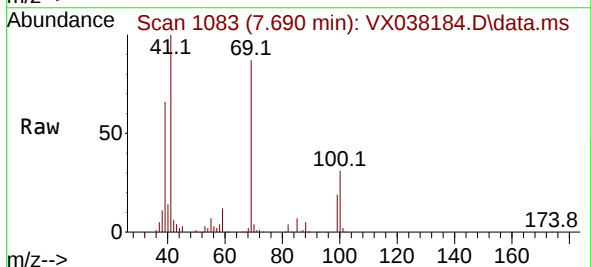
Manual Integrations
APPROVED

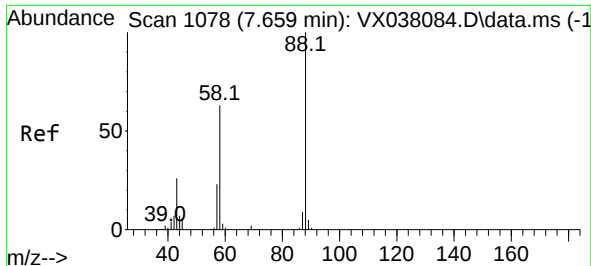
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#48
Methyl methacrylate
Concen: 50.370 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 41 Resp: 102187
Ion Ratio Lower Upper
41 100
69 89.0 59.2 88.8
39 67.1 47.7 71.5





#49

1,4-Dioxane

Concen: 904.800 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038184.D

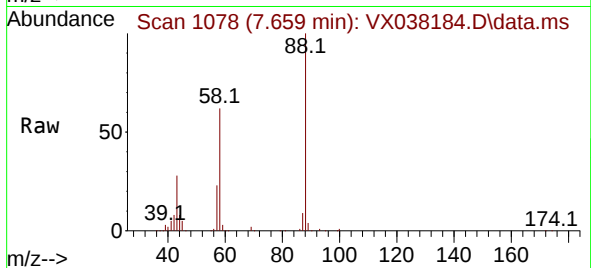
Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



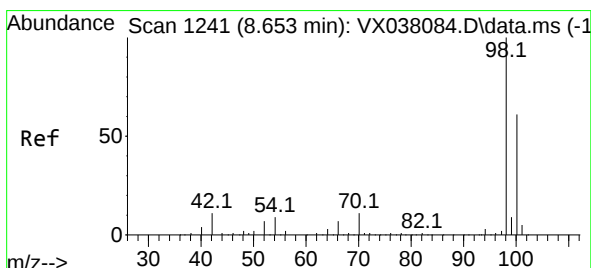
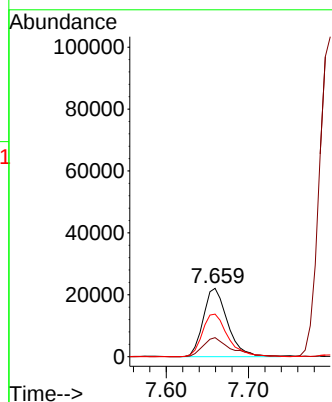
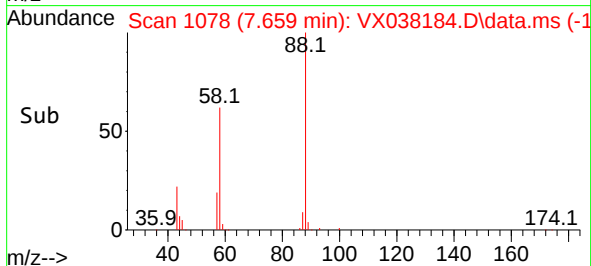
Tgt Ion:	88	Resp:	4523
Ion Ratio	Lower	Upper	
88	100		
43	32.3	0.0	0.0
58	65.5	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#50

Toluene-d8

Concen: 49.854 ug/l

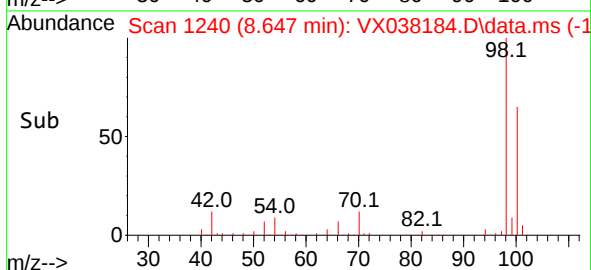
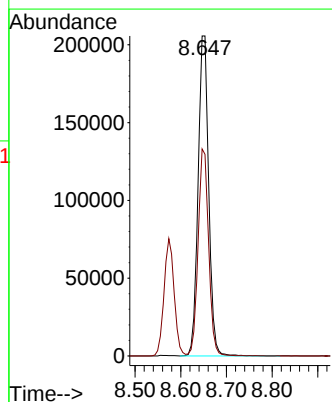
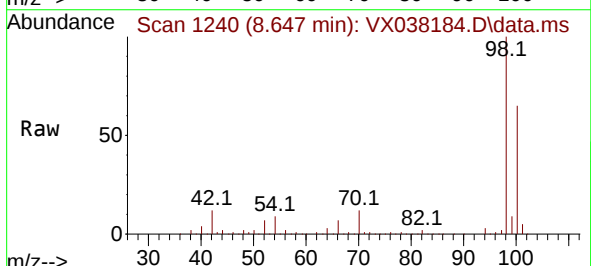
RT: 8.647 min Scan# 1240

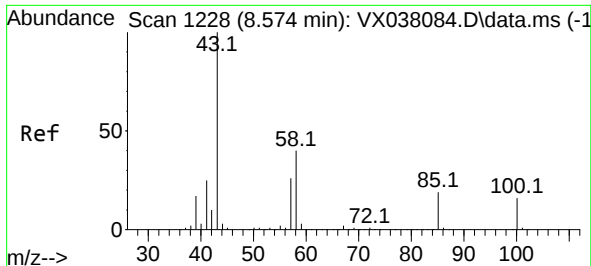
Delta R.T. -0.006 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Tgt Ion:	98	Resp:	331137
Ion Ratio	Lower	Upper	
98	100		
100	64.1	53.1	79.7





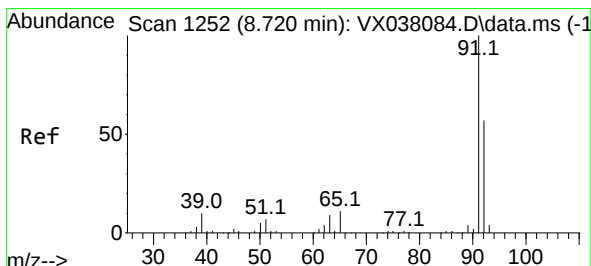
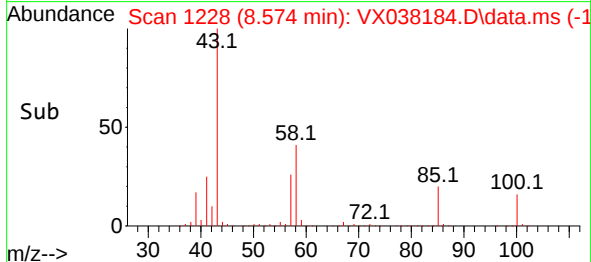
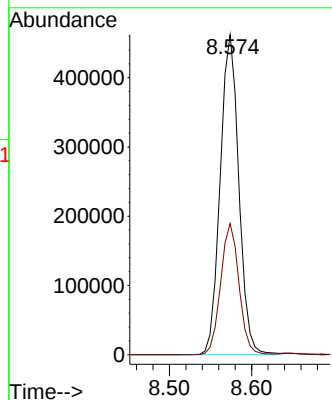
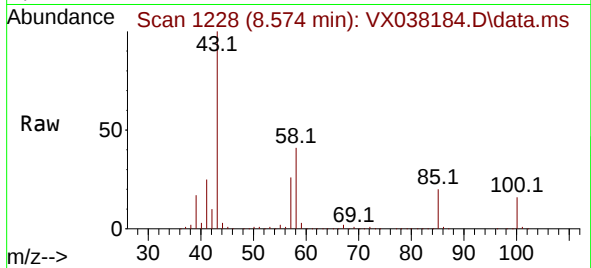
#51
4-Methyl-2-Pentanone
Concen: 248.277 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 72776
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6

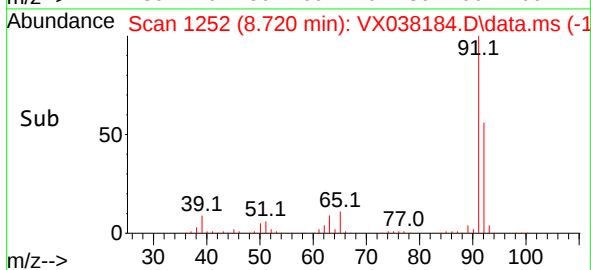
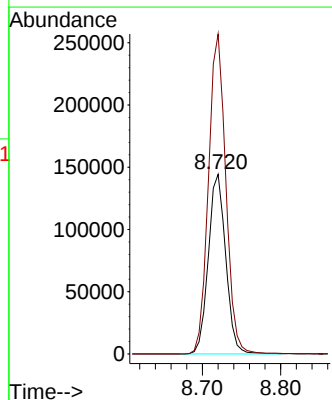
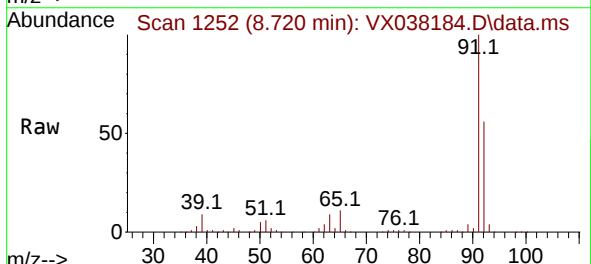
Manual Integrations
APPROVED

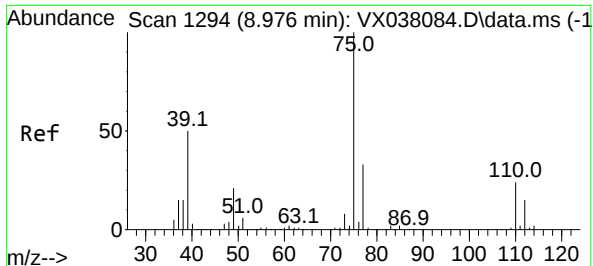
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#52
Toluene
Concen: 50.898 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 92 Resp: 222278
Ion Ratio Lower Upper
92 100
91 178.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.174 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 136640

Ion Ratio Lower Upper

75 100

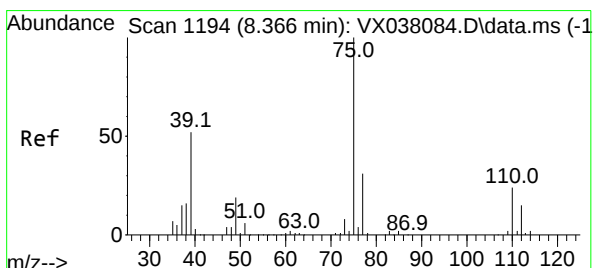
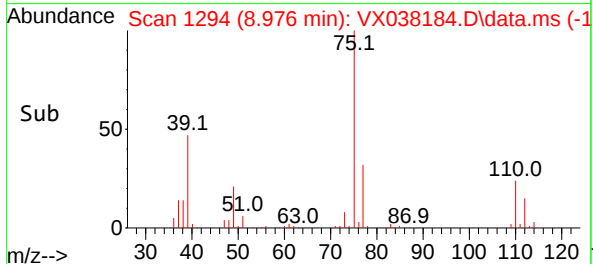
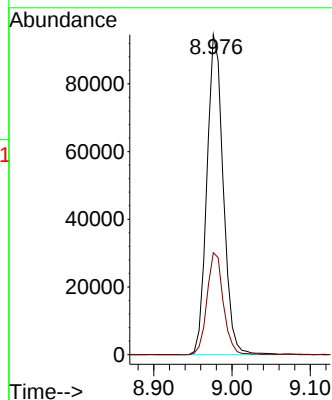
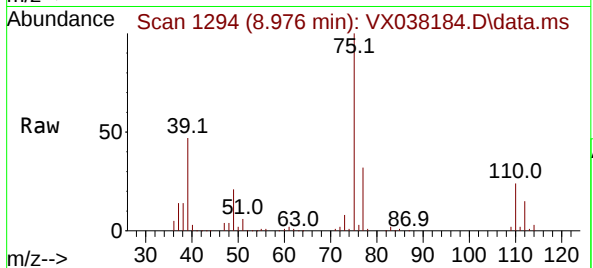
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#54

cis-1,3-Dichloropropene

Concen: 52.697 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

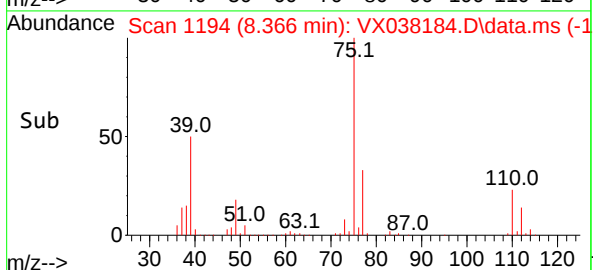
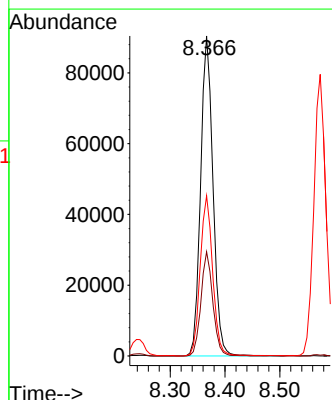
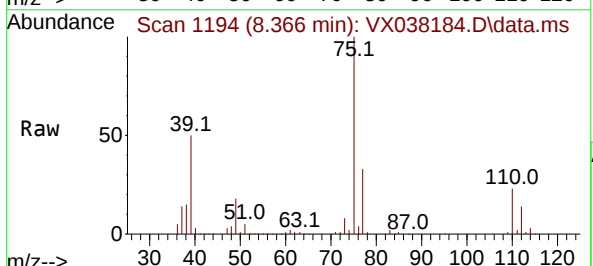
Tgt Ion: 75 Resp: 142277

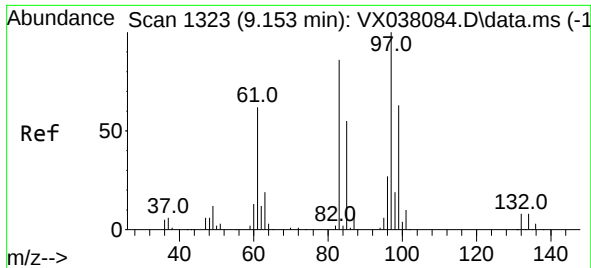
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

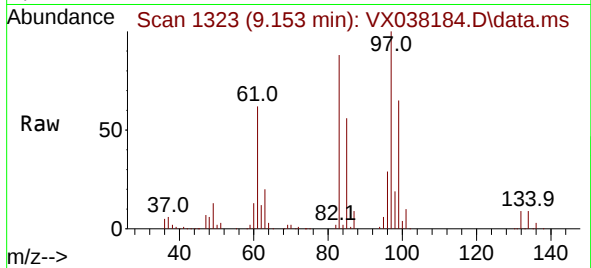
39 50.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.700 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

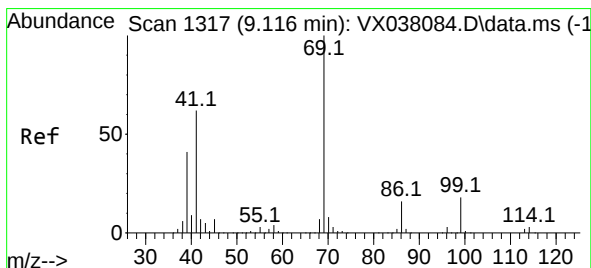
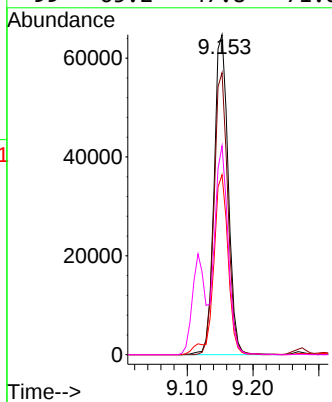
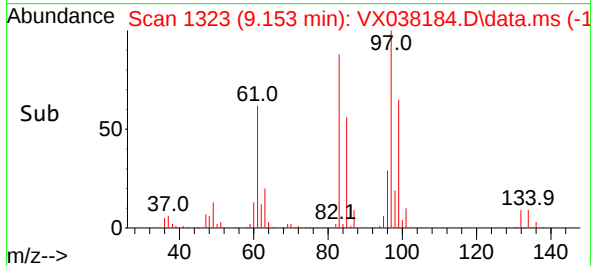


Tgt Ion: 97 Resp: 96574

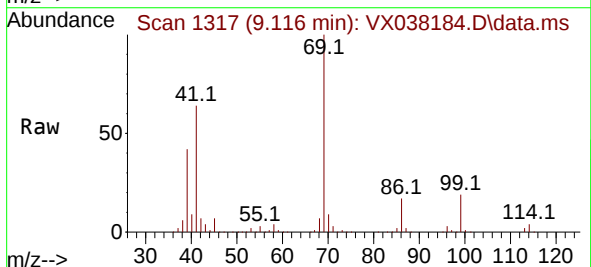
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.8	98.8
85	56.2	41.6	62.4
99	65.2	47.8	71.8

Manual Integrations
APPROVED

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

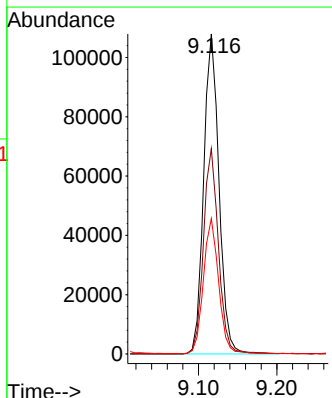
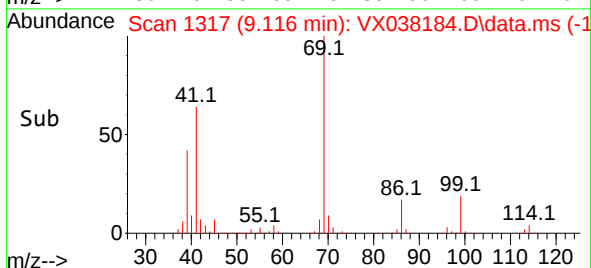


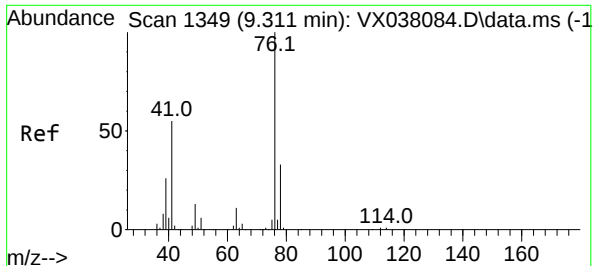
#56
Ethyl methacrylate
Concen: 51.112 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



Tgt Ion: 69 Resp: 146384

Ion	Ratio	Lower	Upper
69	100		
41	62.7	56.8	85.2
39	42.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 51.614 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

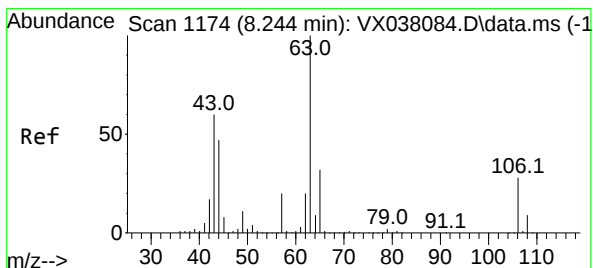
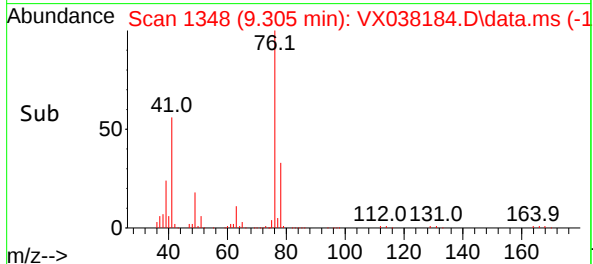
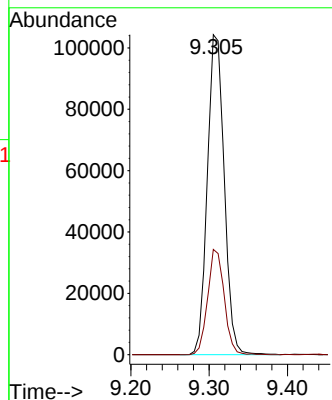
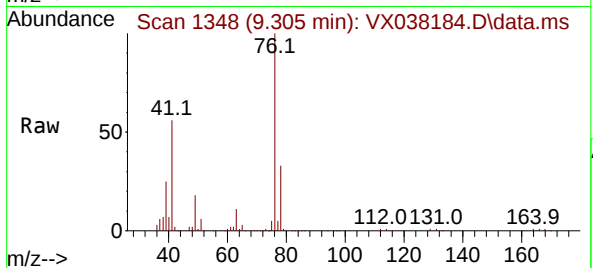
Tgt Ion: 76 Resp: 15593
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations

APPROVED

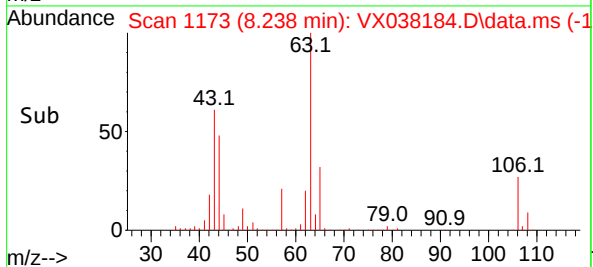
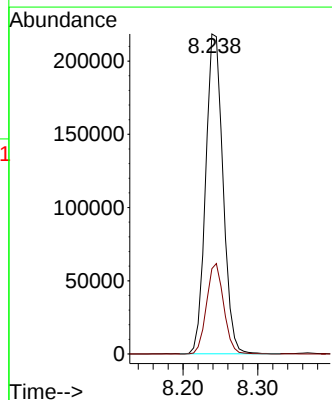
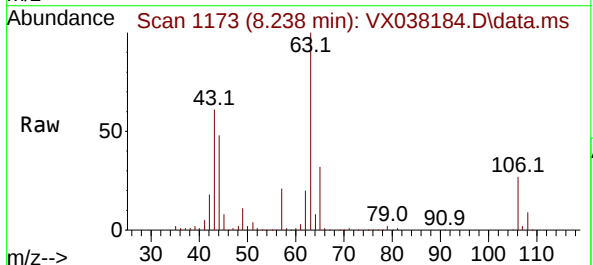
Reviewed By :John Carlone 10/10/2023

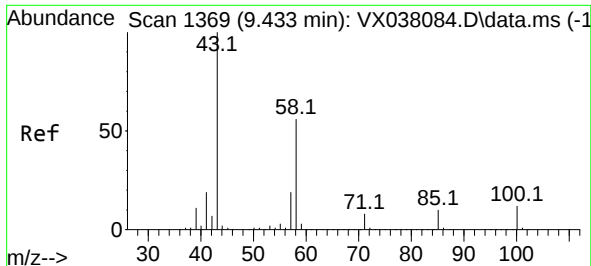
Supervised By :Mahesh Dadoda 10/10/2023



#58
2-Chloroethyl Vinyl ether
Concen: 249.897 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

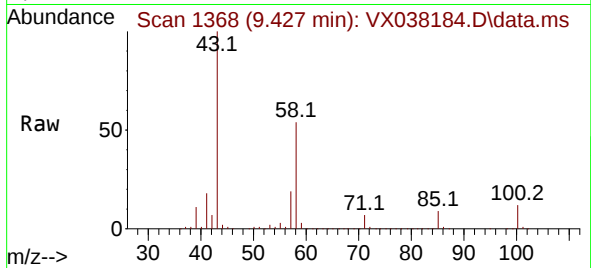
Tgt Ion: 63 Resp: 351308
Ion Ratio Lower Upper
63 100
106 27.9 22.5 33.7





#59
2-Hexanone
Concen: 248.983 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

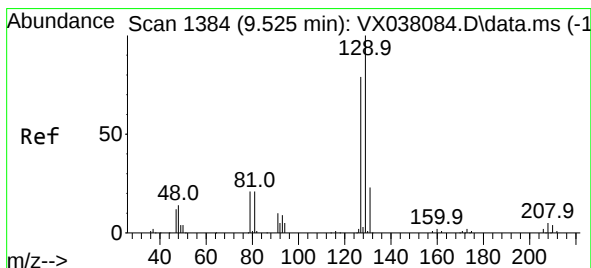
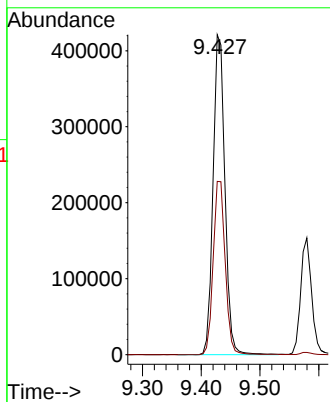
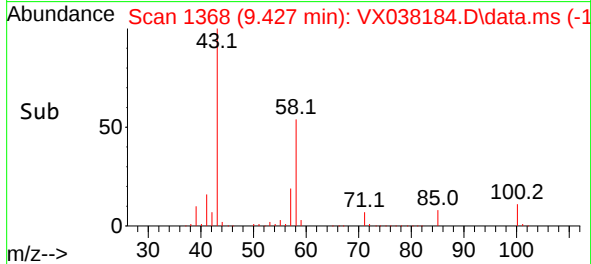
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 58673
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.5

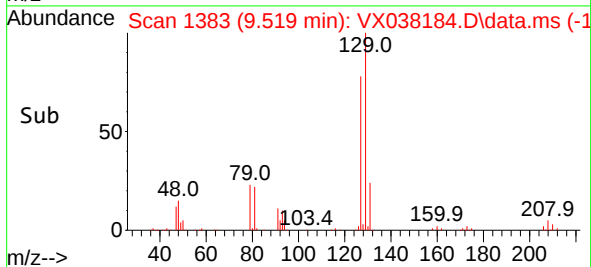
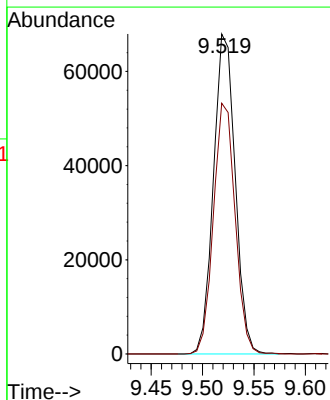
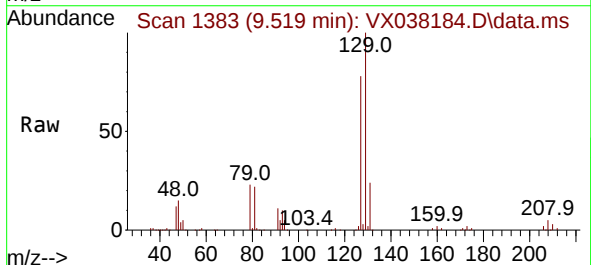
Manual Integrations
APPROVED

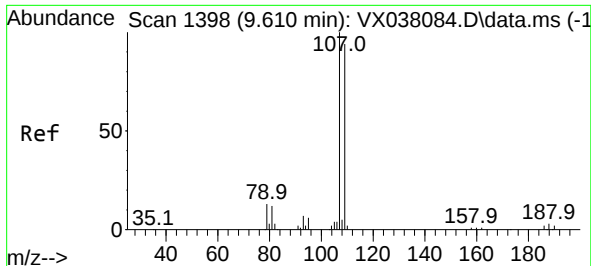
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#60
Dibromochloromethane
Concen: 54.471 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion:129 Resp: 99582
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.698 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

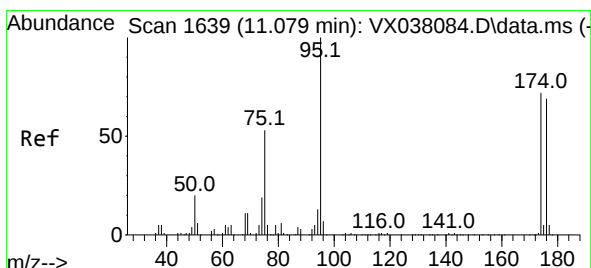
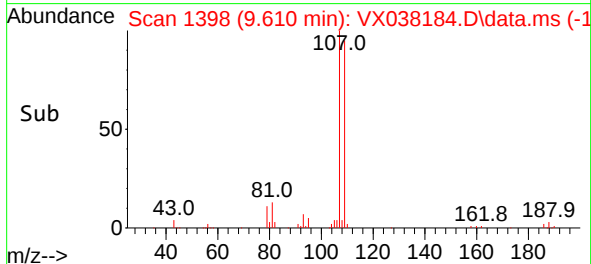
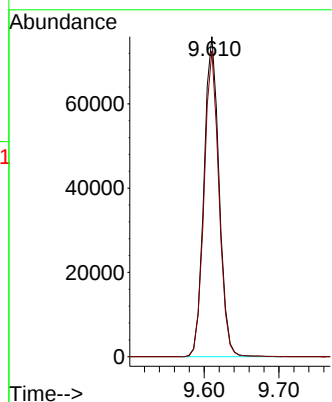
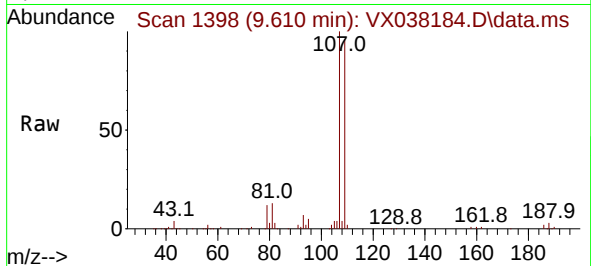
VSTDCCC050EC

Tgt Ion:107 Resp: 10645
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations

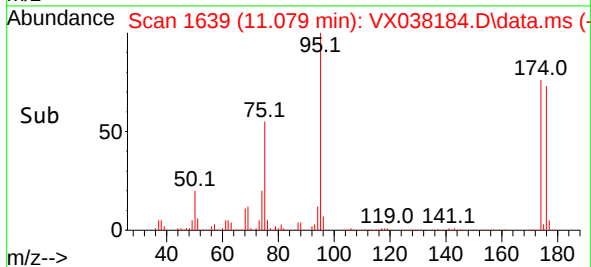
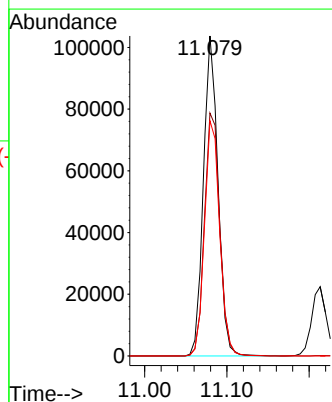
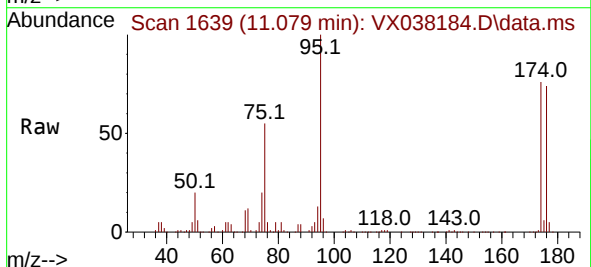
APPROVED

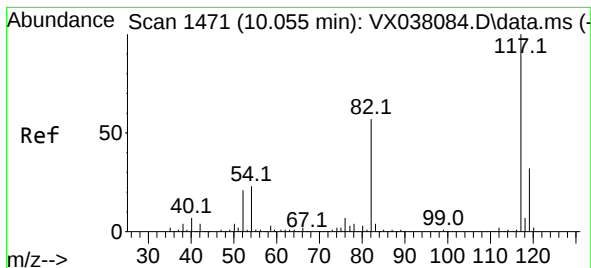
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#62
4-Bromofluorobenzene
Concen: 50.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

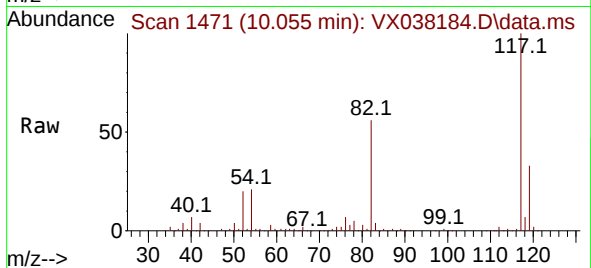
Tgt Ion: 95 Resp: 127435
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 76.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

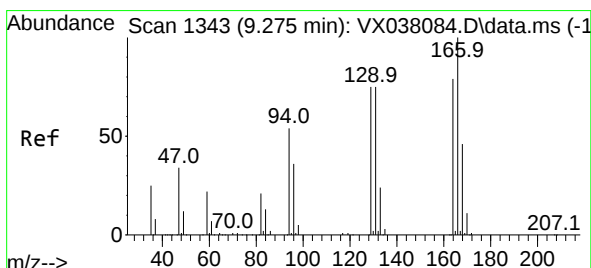
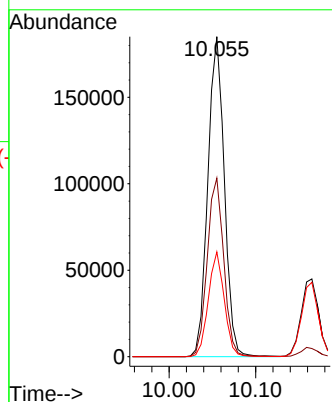
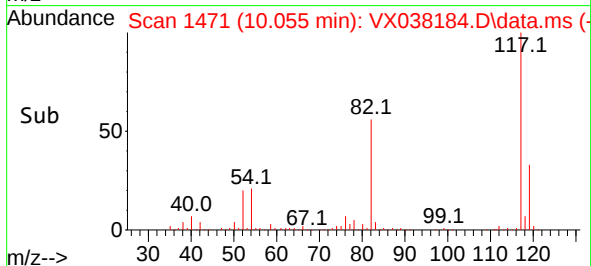
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 24484
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.8 25.5 38.3

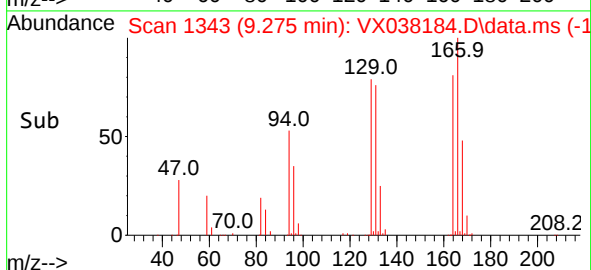
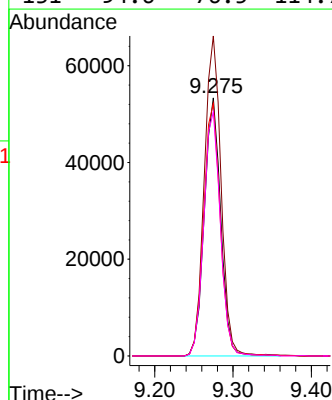
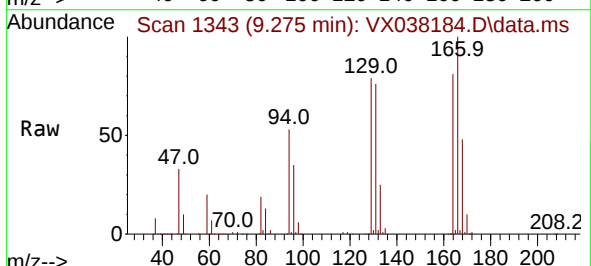
Manual Integrations
APPROVED

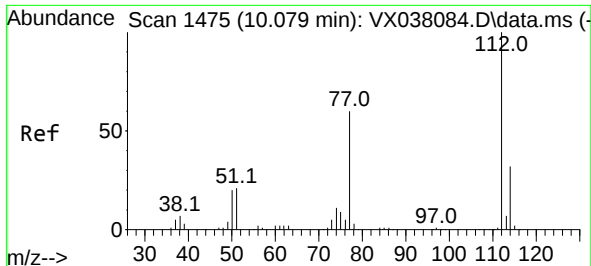
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#64
Tetrachloroethene
Concen: 48.900 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

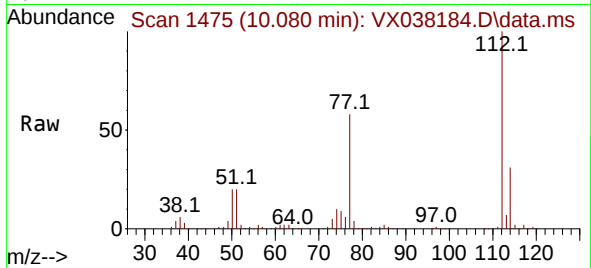
Tgt Ion:164 Resp: 77510
Ion Ratio Lower Upper
164 100
166 124.0 102.7 154.1
129 97.8 80.4 120.6
131 94.6 76.5 114.7





#65
Chlorobenzene
Concen: 48.522 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

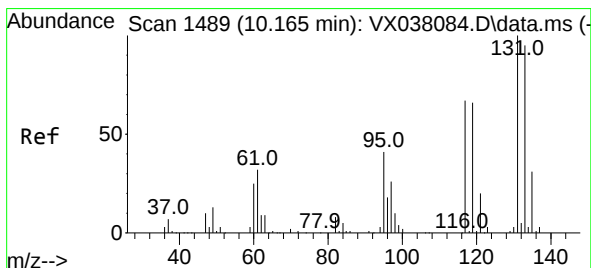
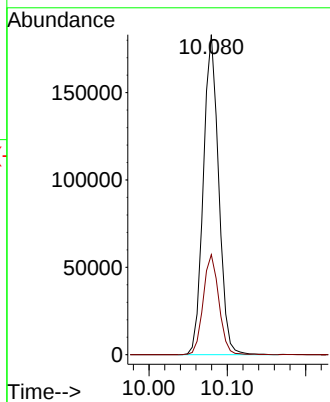
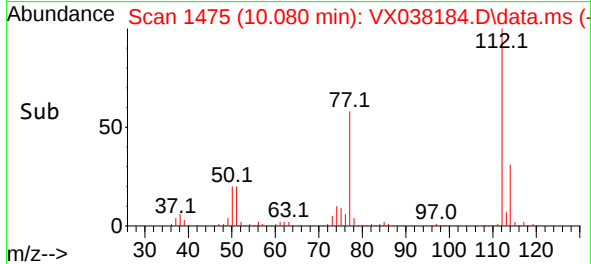
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 248600
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

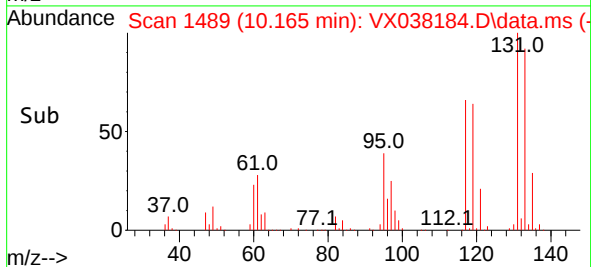
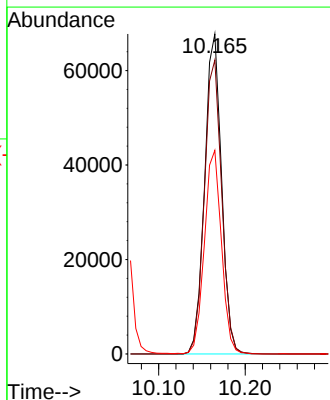
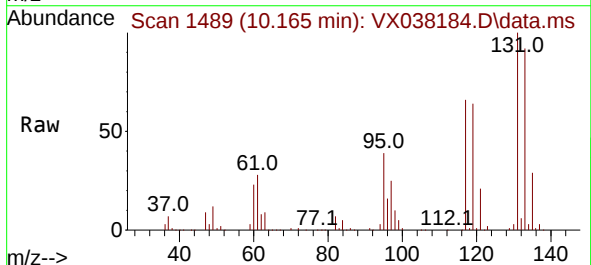
Manual Integrations
APPROVED

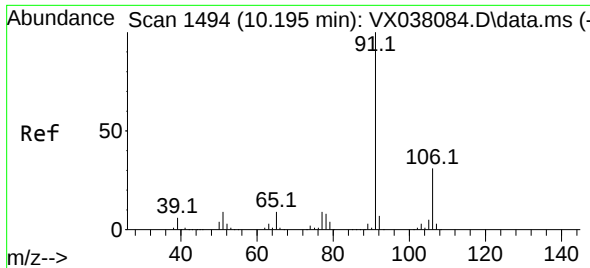
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.884 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

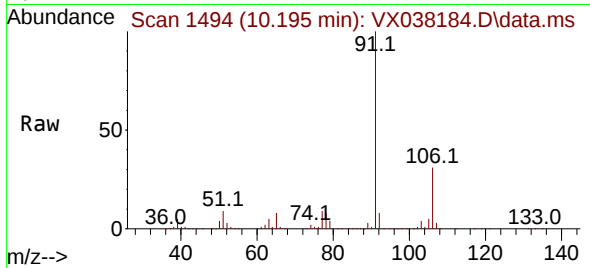
Tgt Ion:131 Resp: 91623
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 64.4 32.2 96.6





#67
Ethyl Benzene
Concen: 49.113 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

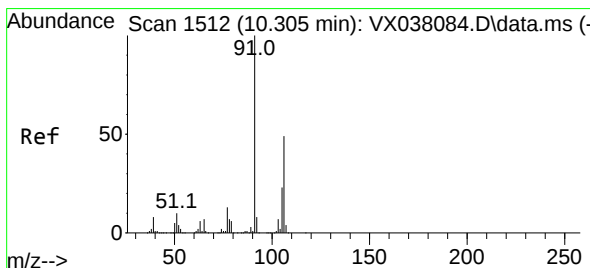
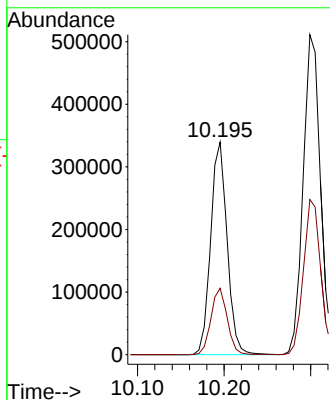
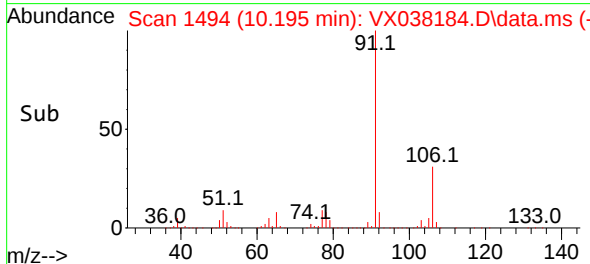
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



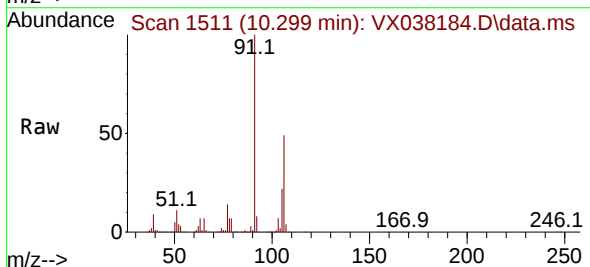
Tgt Ion: 91 Resp: 449168
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

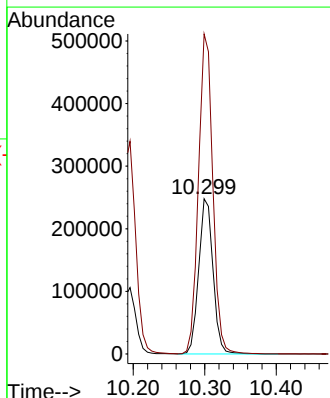
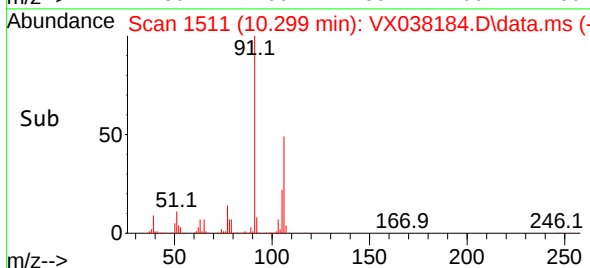
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

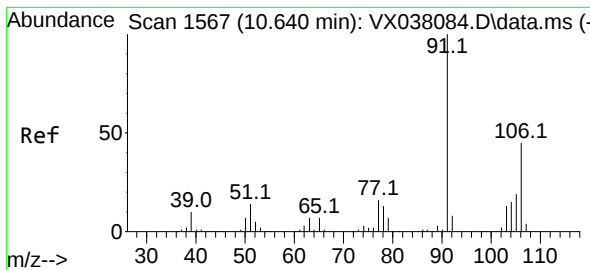


#68
m/p-Xylenes
Concen: 97.300 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



Tgt Ion:106 Resp: 344077
Ion Ratio Lower Upper
106 100
91 207.1 165.5 248.3





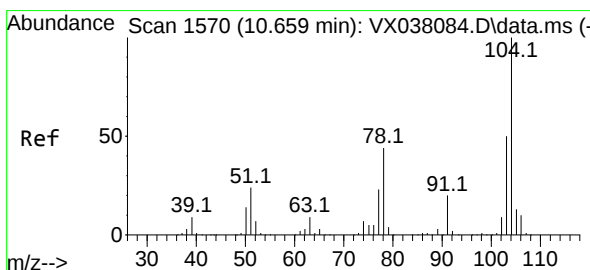
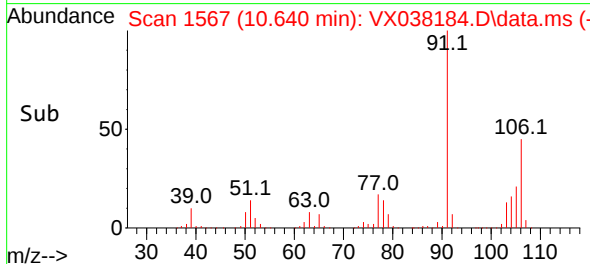
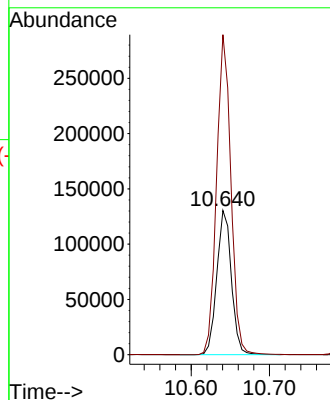
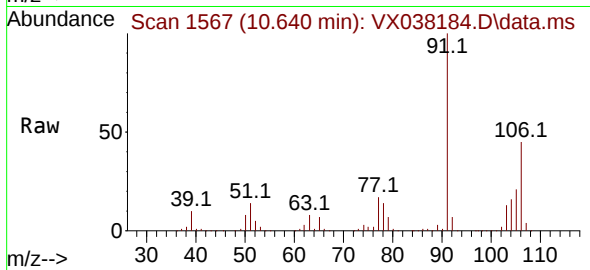
#69
o-Xylene
Concen: 48.963 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 168989
Ion Ratio Lower Upper
106 100
91 217.6 108.9 326.8

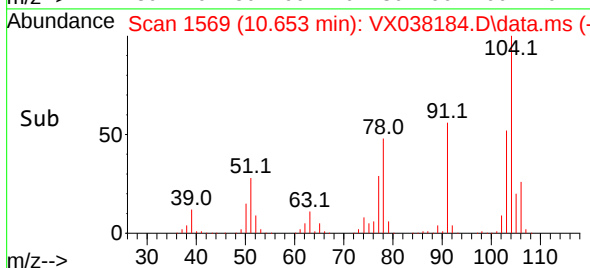
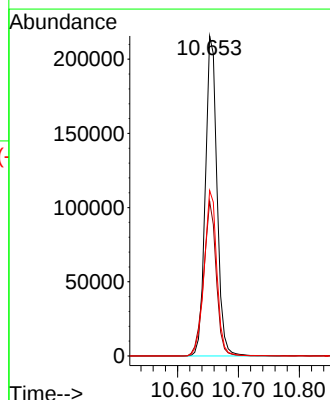
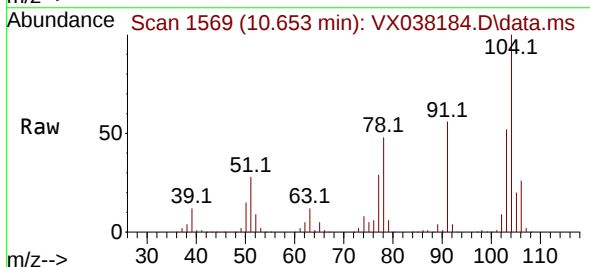
Manual Integrations
APPROVED

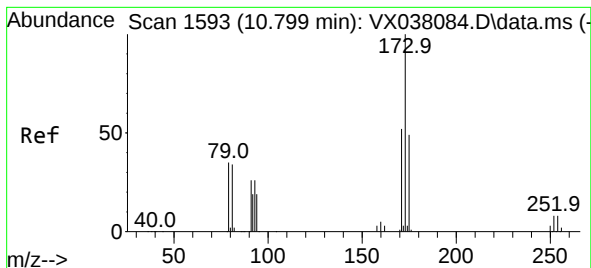
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#70
Styrene
Concen: 51.282 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

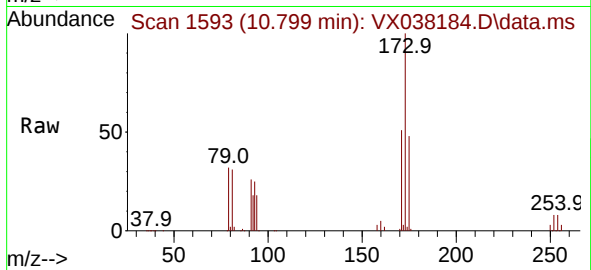
Tgt Ion:104 Resp: 288236
Ion Ratio Lower Upper
104 100
78 51.8 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 46.864 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

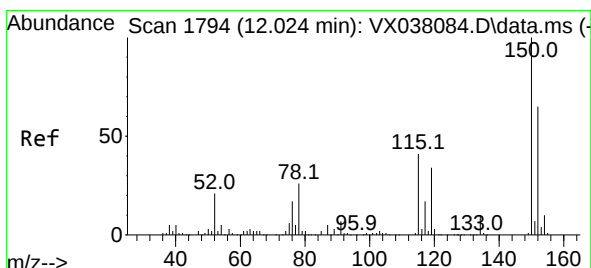
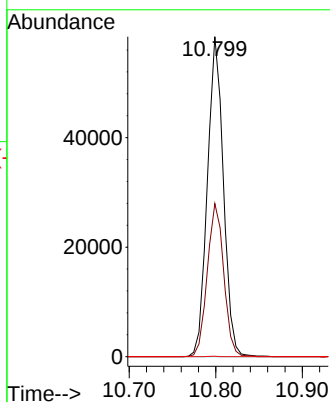
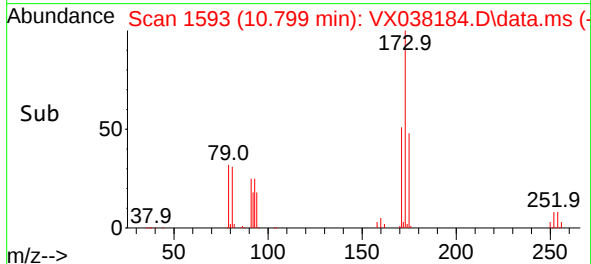
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 75015
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.1 0.0 0.0

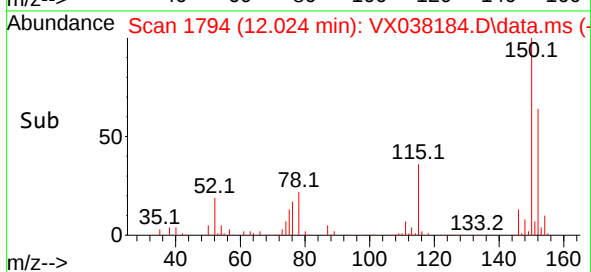
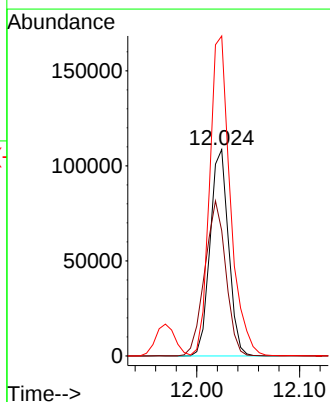
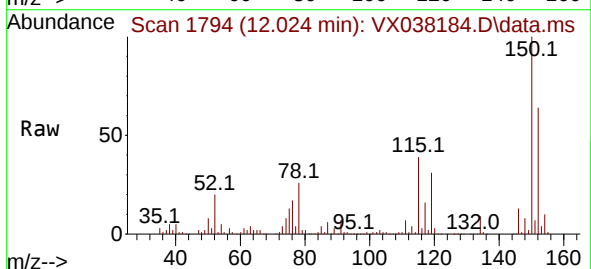
Manual Integrations
APPROVED

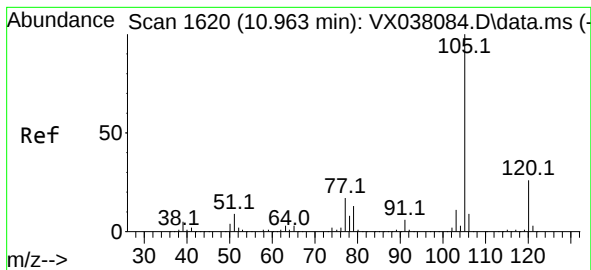
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion:152 Resp: 135082
Ion Ratio Lower Upper
152 100
115 86.2 43.3 129.9
150 173.2 0.0 345.0





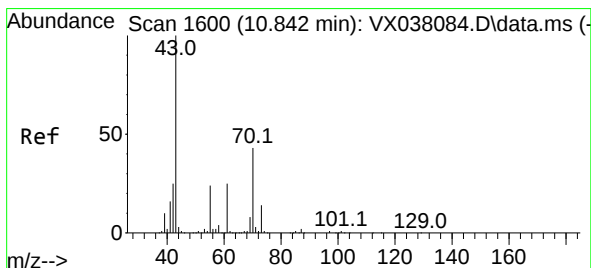
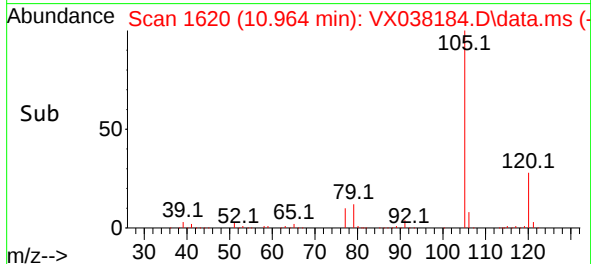
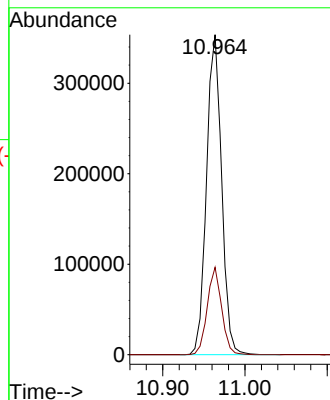
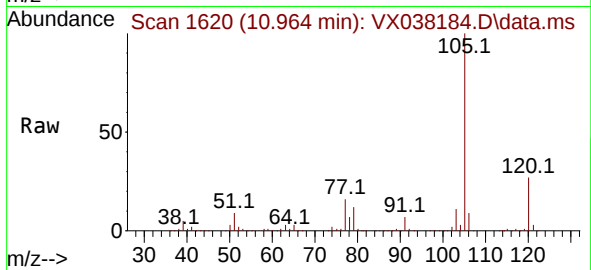
#73
Isopropylbenzene
Concen: 49.743 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 45062
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

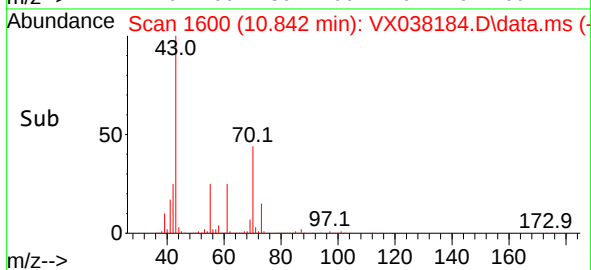
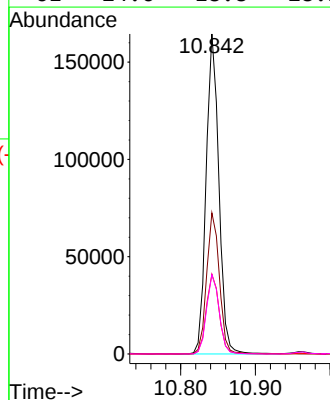
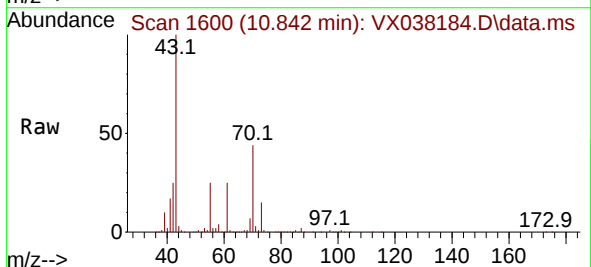
Manual Integrations
APPROVED

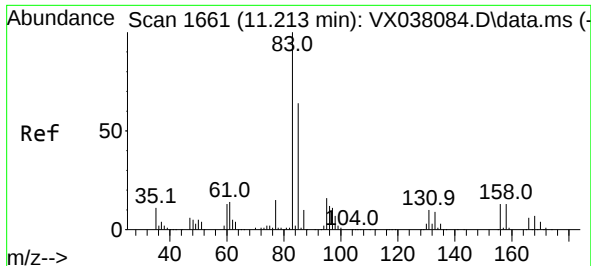
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#74
N-ethyl acetate
Concen: 50.261 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

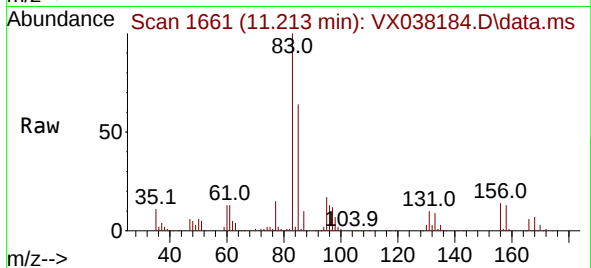
Tgt Ion: 43 Resp: 194437
Ion Ratio Lower Upper
43 100
70 44.3 32.9 49.3
55 25.2 19.3 28.9
61 24.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.309 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

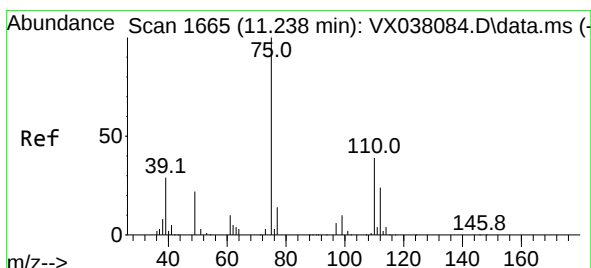
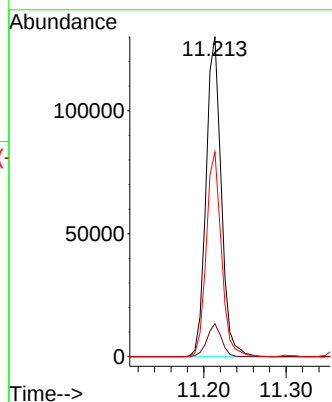
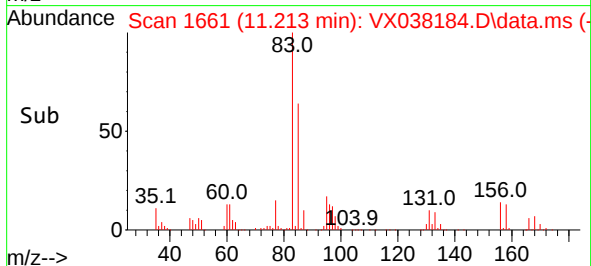
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 16723
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 63.8 32.0 96.2

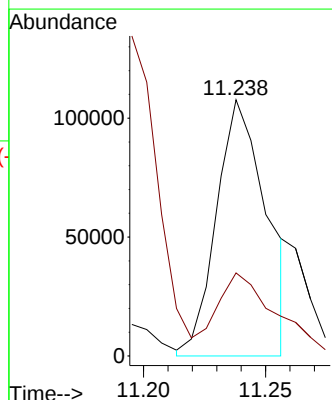
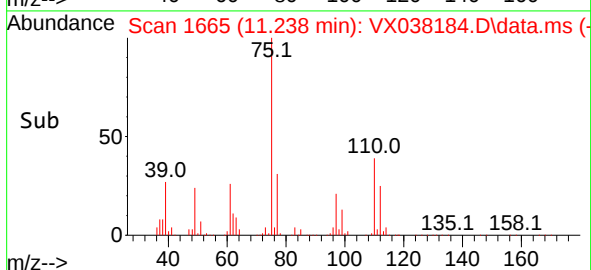
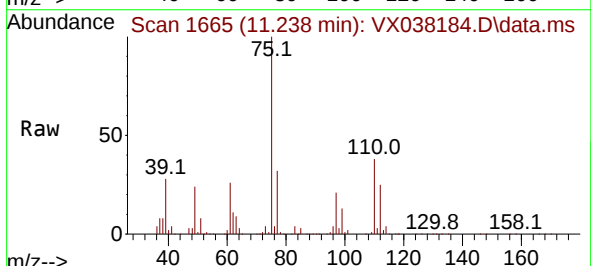
Manual Integrations
APPROVED

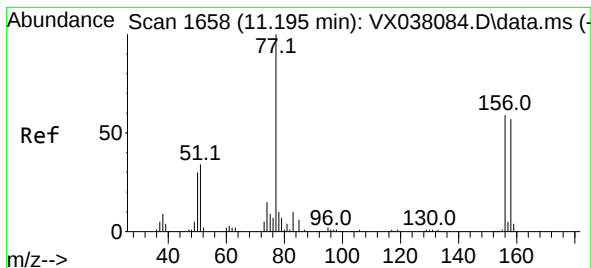
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#76
1,2,3-Trichloropropane
Concen: 49.965 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 75 Resp: 153440
Ion Ratio Lower Upper
75 100
77 38.6 19.1 57.5





#77

Bromobenzene

Concen: 49.980 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 110540

Ion Ratio Lower Upper

156 100

77 159.9 88.4 265.3

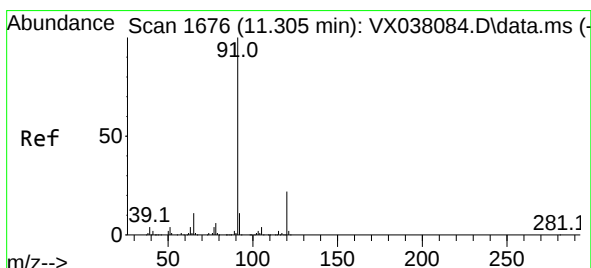
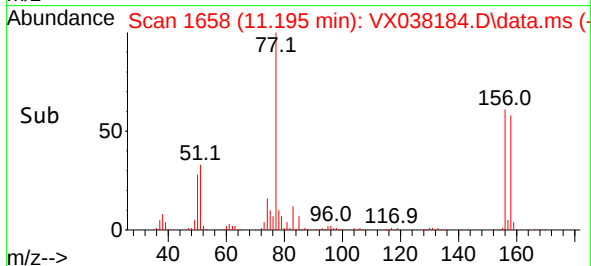
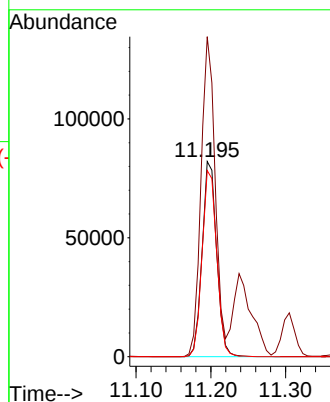
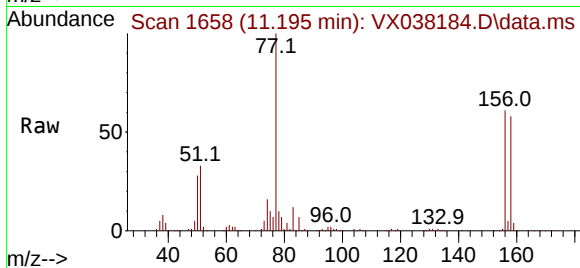
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#78

n-propylbenzene

Concen: 48.990 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038184.D

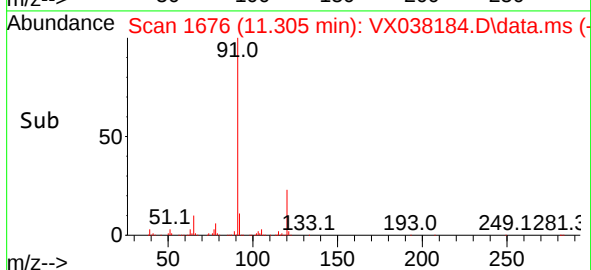
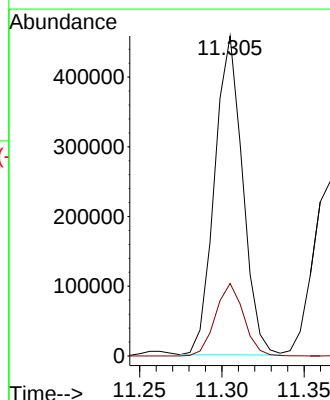
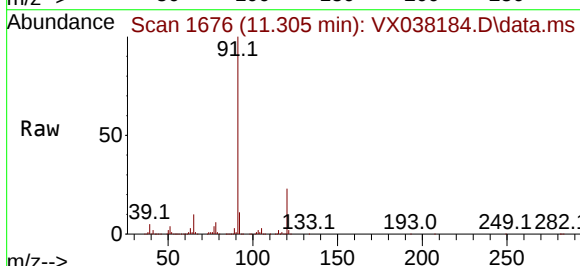
Acq: 09 Oct 2023 20:01

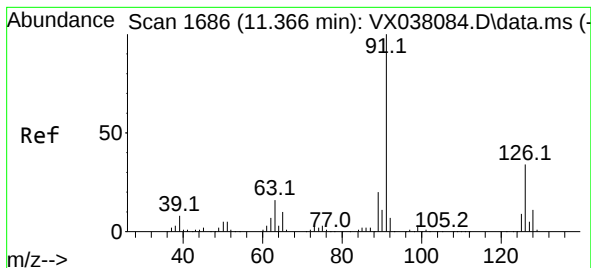
Tgt Ion: 91 Resp: 542659

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





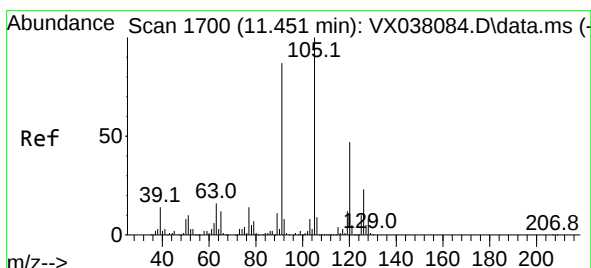
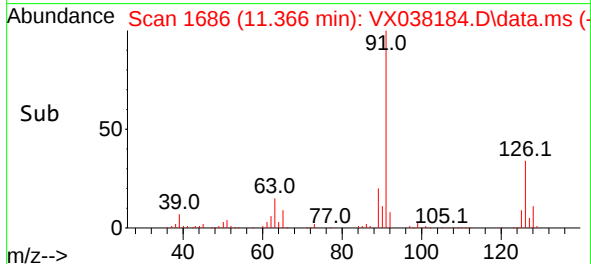
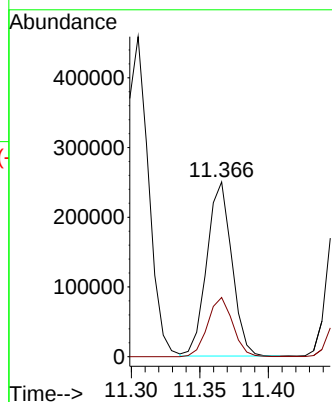
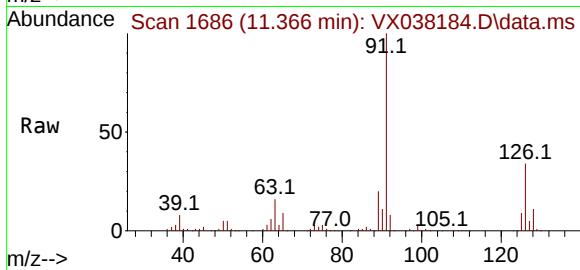
#79
2-Chlorotoluene
Concen: 48.258 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 317014
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

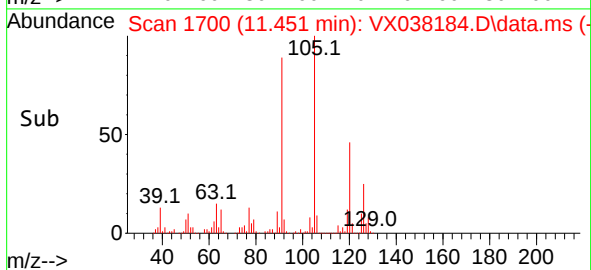
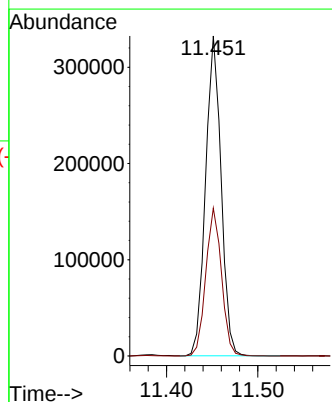
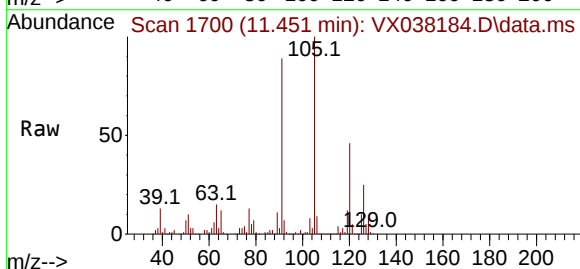
Manual Integrations
APPROVED

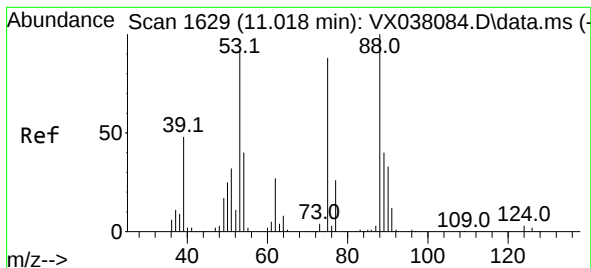
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.979 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

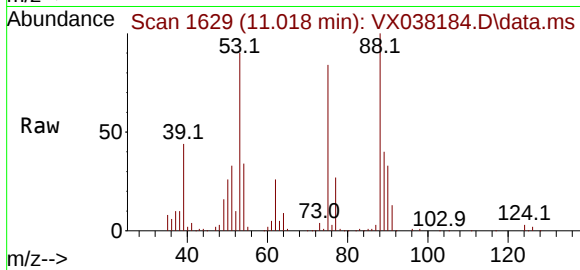
Tgt Ion:105 Resp: 390611
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.542 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

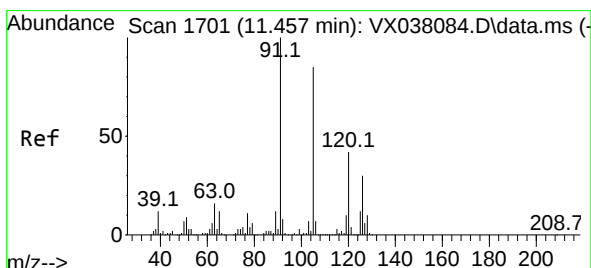
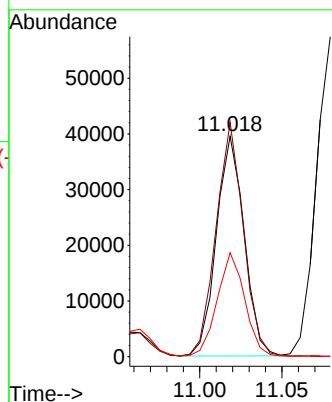
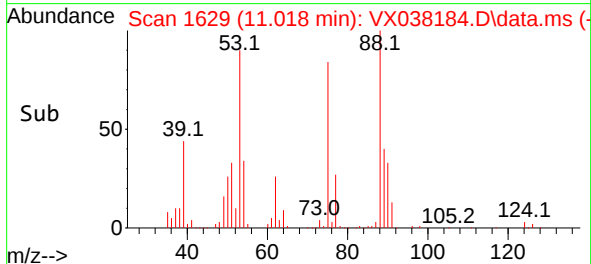
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



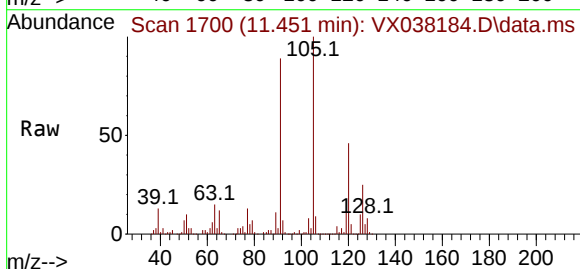
Tgt Ion: 75 Resp: 4634
Ion Ratio Lower Upper
75 100
53 105.0 90.5 135.7
89 46.8 36.9 55.3

Manual Integrations
APPROVED

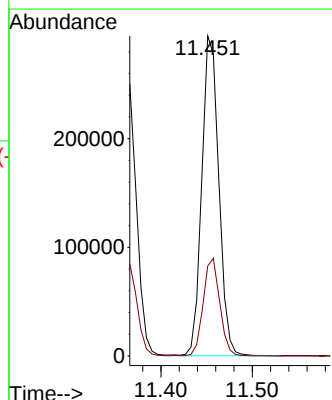
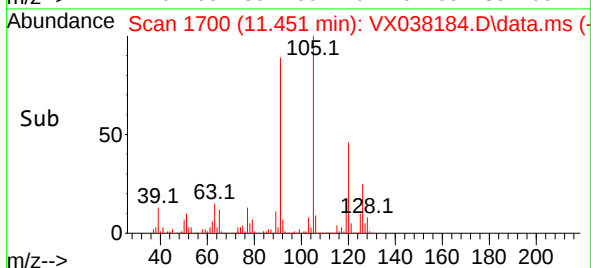
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

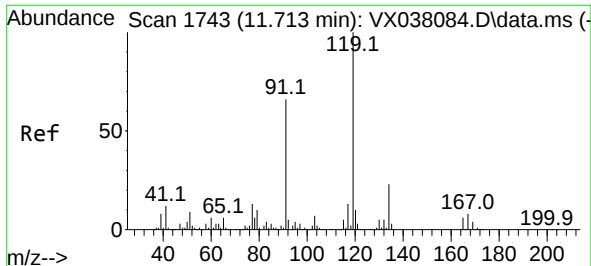


#82
4-Chlorotoluene
Concen: 48.810 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



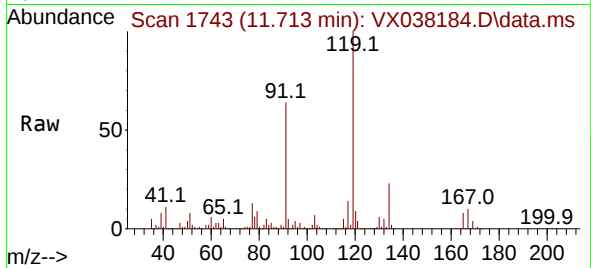
Tgt Ion: 91 Resp: 379424
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.779 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

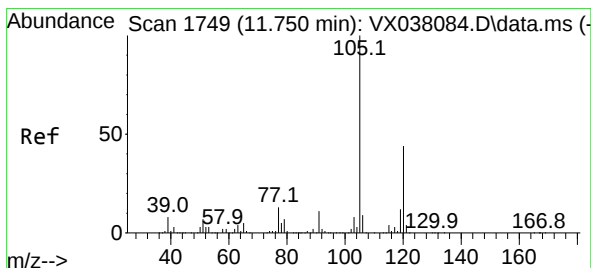
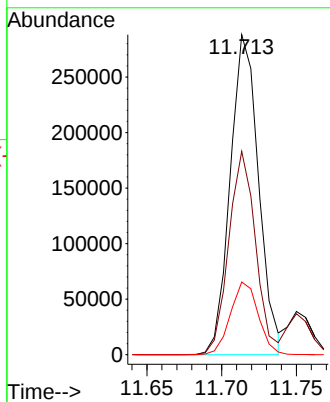
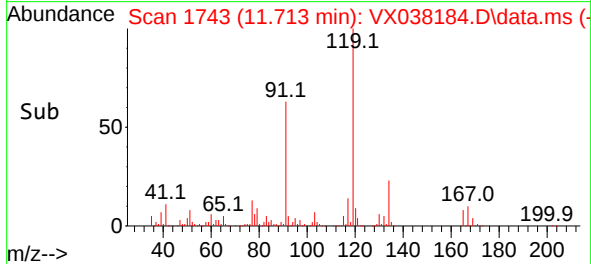
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



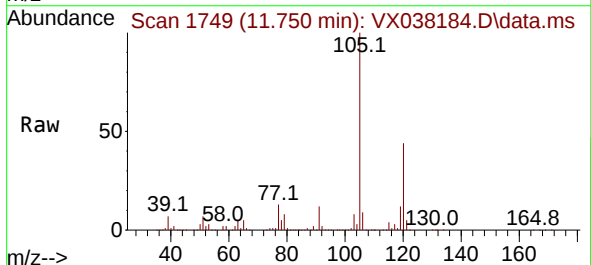
Tgt Ion:119 Resp: 38015
Ion Ratio Lower Upper
119 100
91 60.3 31.2 93.6
134 22.3 11.7 35.0

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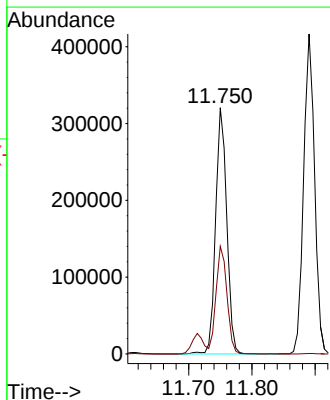
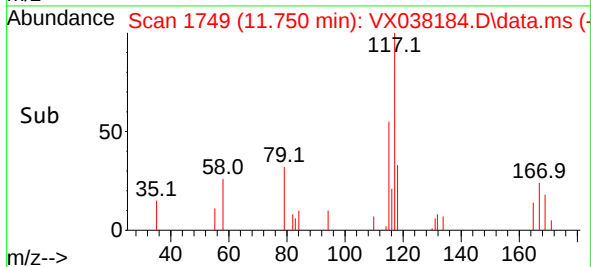
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

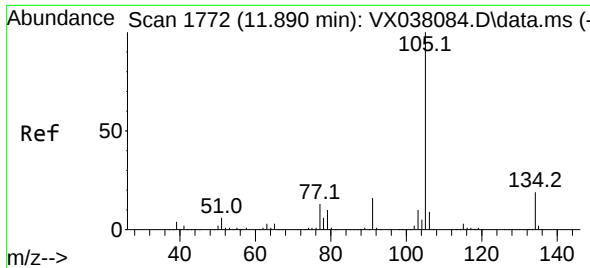


#84
1,2,4-Trimethylbenzene
Concen: 50.074 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



Tgt Ion:105 Resp: 390199
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6





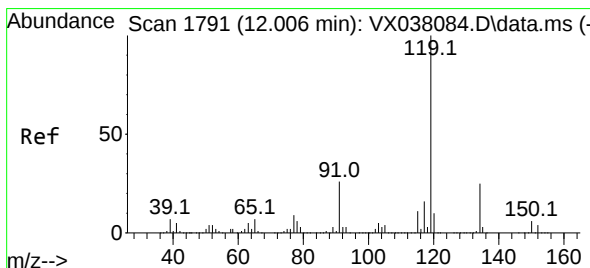
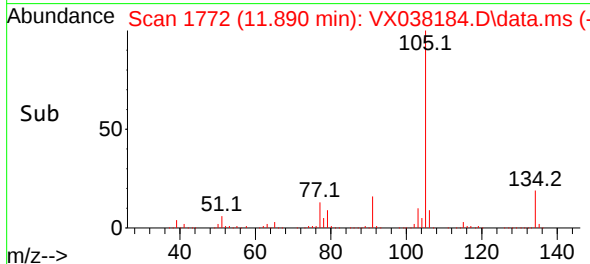
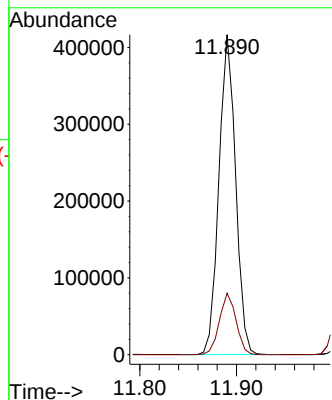
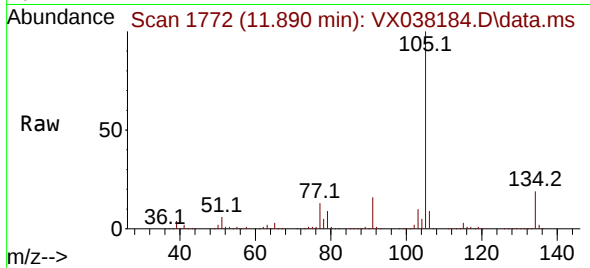
#85
 sec-Butylbenzene
 Concen: 50.248 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038184.D
 Acq: 09 Oct 2023 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 497086
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

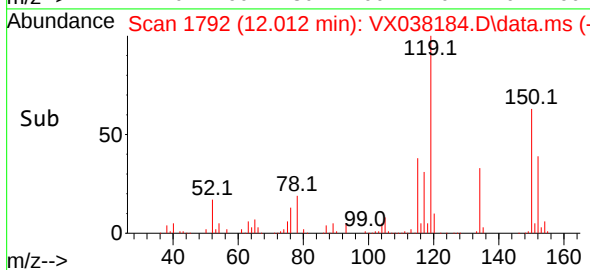
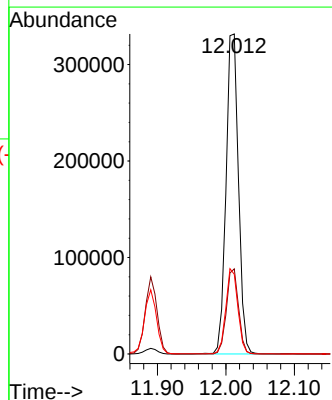
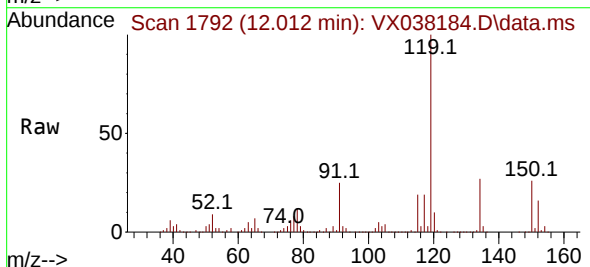
Manual Integrations
 APPROVED

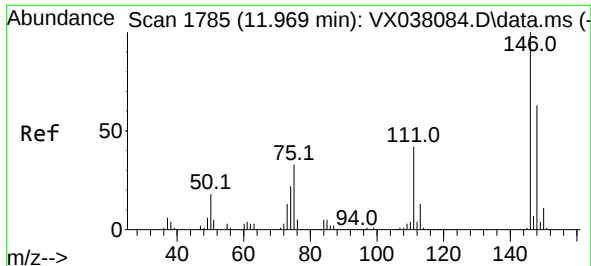
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#86
 p-Isopropyltoluene
 Concen: 50.779 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038184.D
 Acq: 09 Oct 2023 20:01

Tgt Ion:119 Resp: 414450
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.491 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 21541

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.1

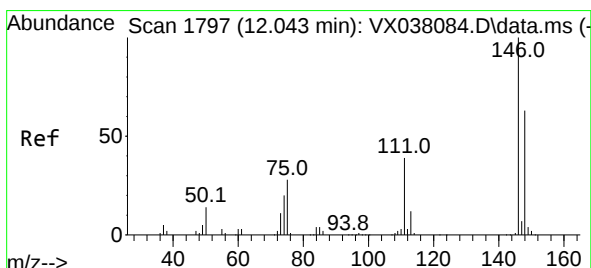
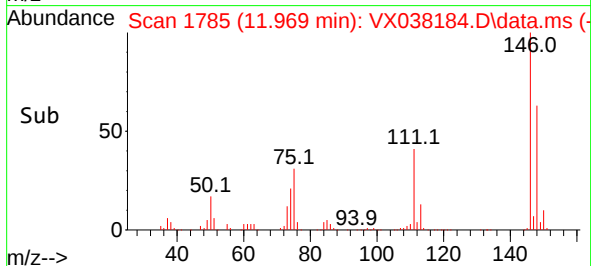
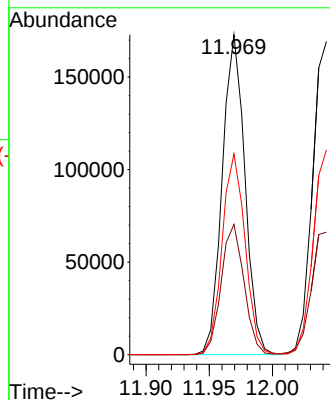
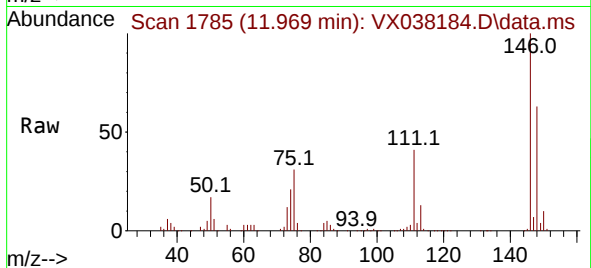
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#88

1,4-Dichlorobenzene

Concen: 47.859 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038184.D

Acq: 09 Oct 2023 20:01

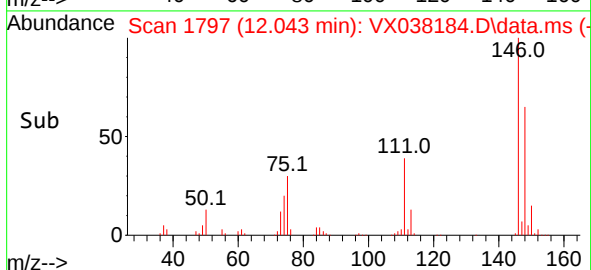
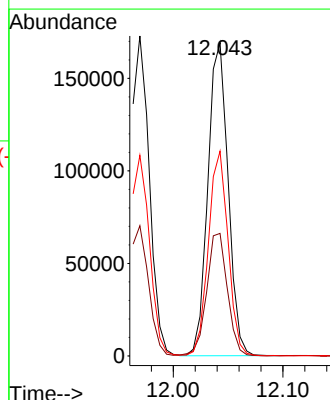
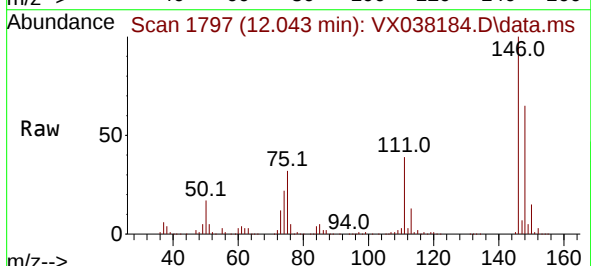
Tgt Ion:146 Resp: 217050

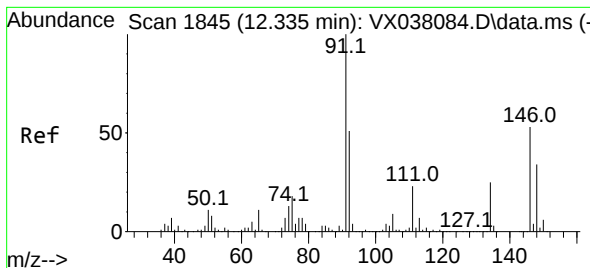
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

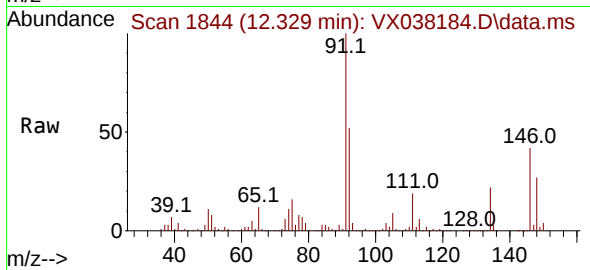
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 48.761 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

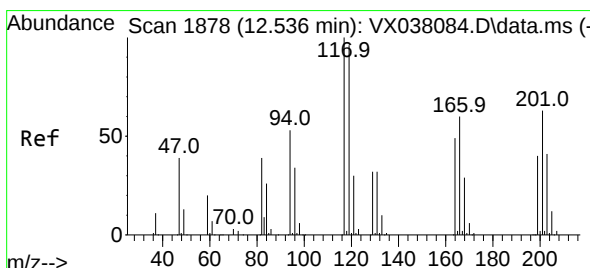
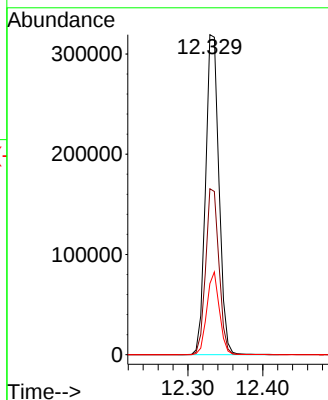
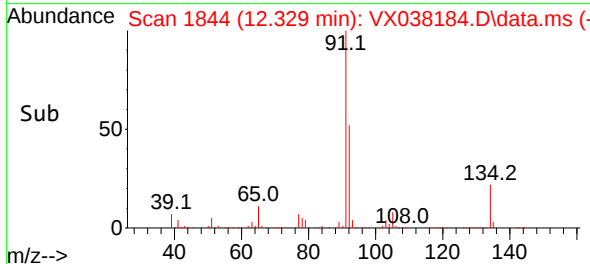
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 396354
Ion Ratio Lower Upper
91 100
92 51.5 27.4 82.0
134 24.3 12.6 37.8

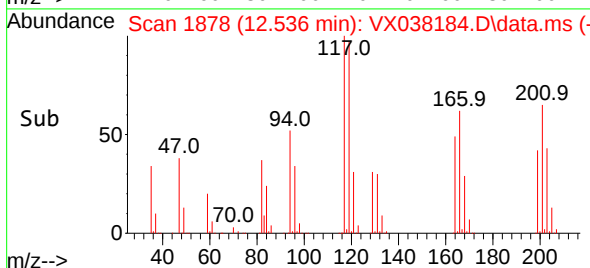
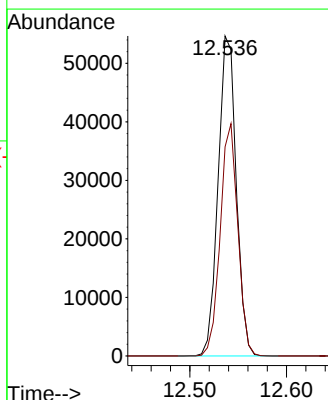
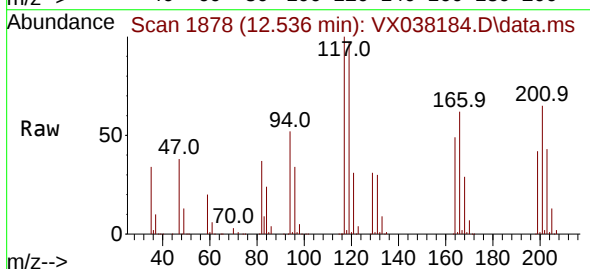
Manual Integrations
APPROVED

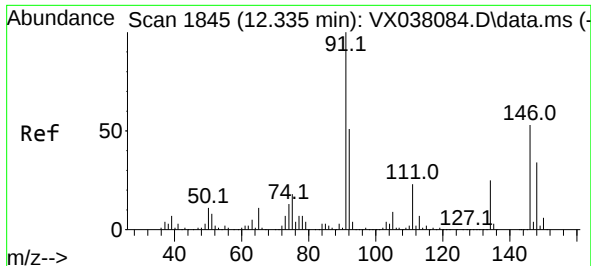
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#90
Hexachloroethane
Concen: 52.552 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Tgt Ion:117 Resp: 71116
Ion Ratio Lower Upper
117 100
201 70.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.842 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

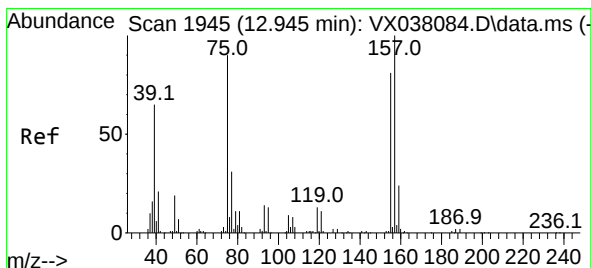
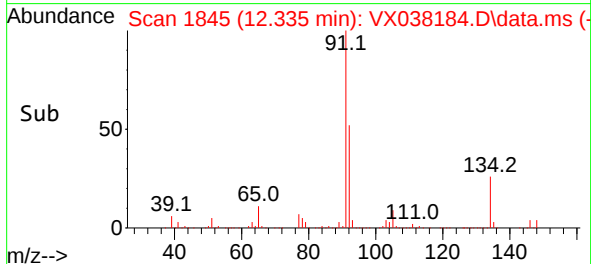
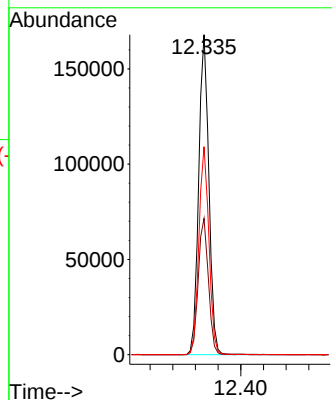
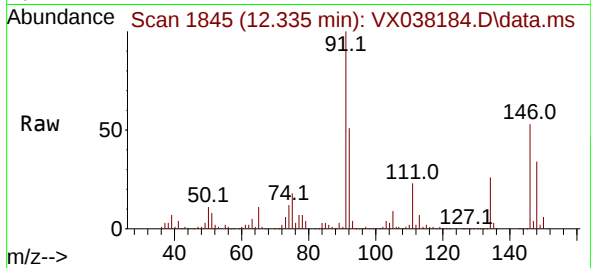
Tgt Ion:146 Resp: 208558
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations

APPROVED

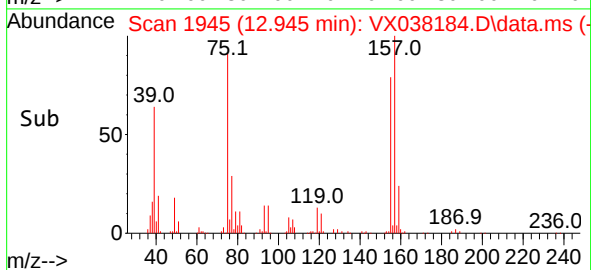
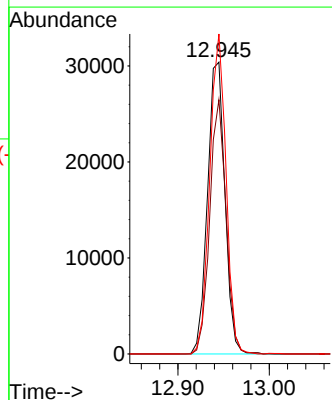
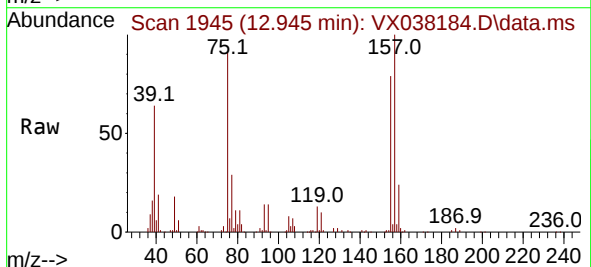
Reviewed By :John Carlone 10/10/2023

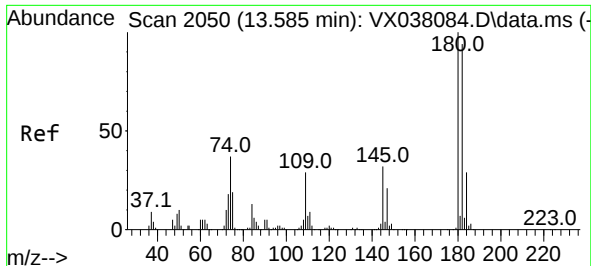
Supervised By :Mahesh Dadoda 10/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.992 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

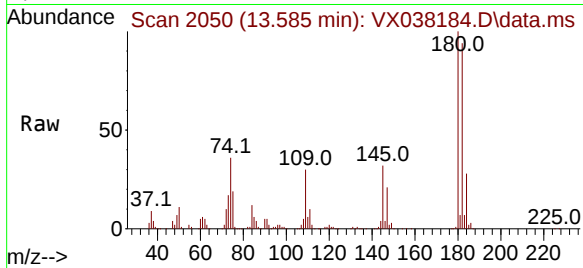
Tgt Ion: 75 Resp: 40179
Ion Ratio Lower Upper
75 100
155 81.9 36.1 108.5
157 102.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 47.800 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

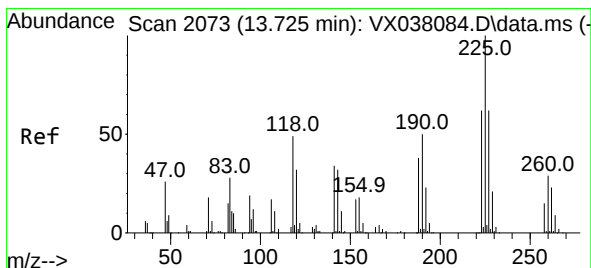
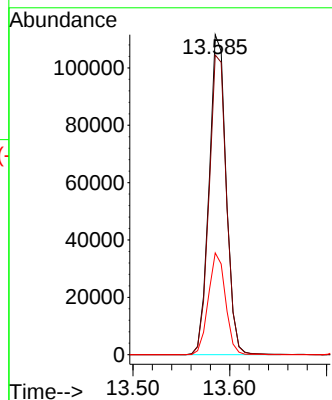
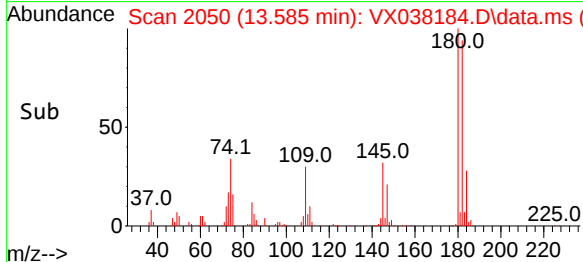
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 13689
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.8
145 31.9 18.0 54.0

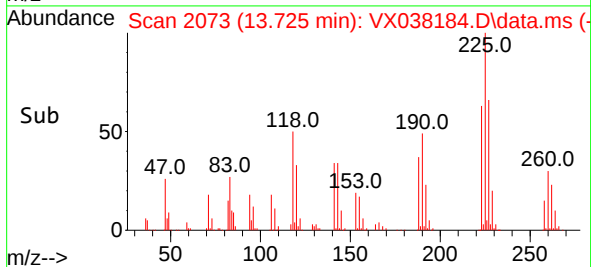
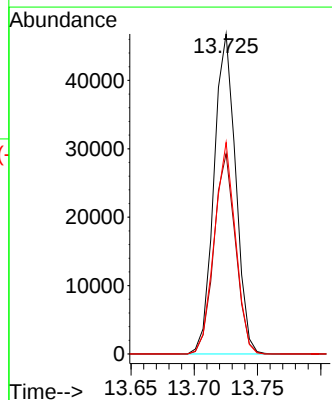
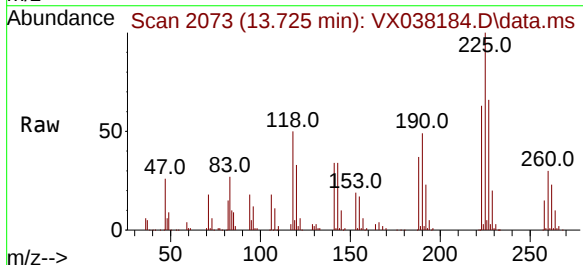
Manual Integrations
APPROVED

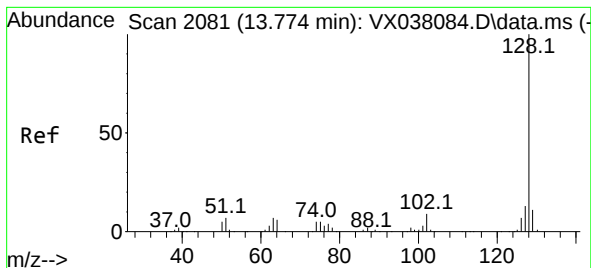
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#94
Hexachlorobutadiene
Concen: 48.288 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

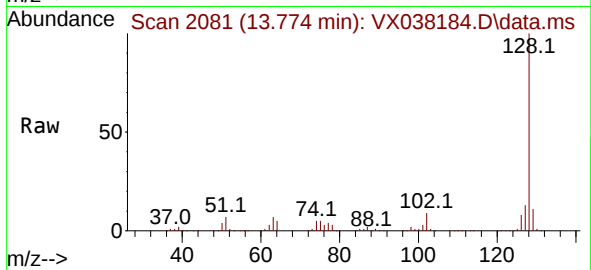
Tgt Ion:225 Resp: 55662
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 64.4 32.5 97.5





#95
Naphthalene
Concen: 47.519 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01

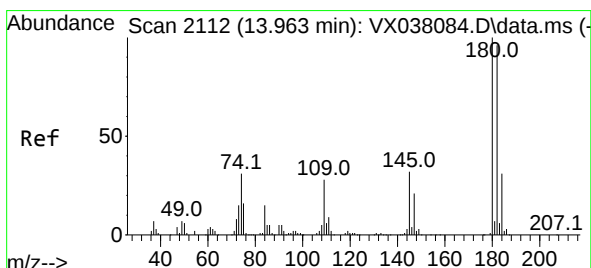
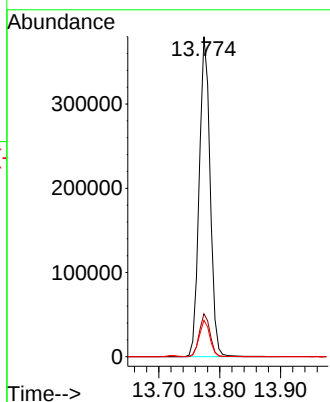
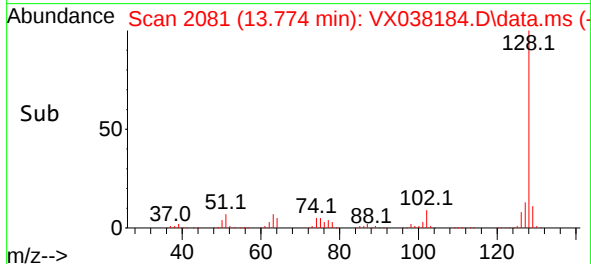
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



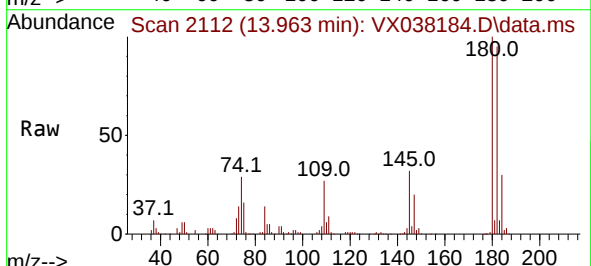
Tgt Ion:128 Resp: 47394
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.938 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038184.D
Acq: 09 Oct 2023 20:01



Tgt Ion:180 Resp: 135709
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 33.1 17.8 53.5

