

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025185.D
 Acq On : 17 Nov 2021 12:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 13:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185914	154.617	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 309.240%#			
35) Dibromofluoromethane	5.391	113	170255	148.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 297.980%#			
50) Toluene-d8	8.653	98	653185	151.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 303.740%#			
62) 4-Bromofluorobenzene	11.086	95	258361	159.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 319.660%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	157182	145.813	ug/l	99
3) Chloromethane	1.288	50	184606	143.308	ug/l	99
4) Vinyl Chloride	1.374	62	199787	139.804	ug/l	99
5) Bromomethane	1.593	94	77524	113.656	ug/l	100
6) Chloroethane	1.666	64	125730	133.372	ug/l	99
7) Trichlorofluoromethane	1.874	101	291225	136.641	ug/l	97
8) Diethyl Ether	2.136	74	122655	142.075	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	150921	136.066	ug/l	97
10) Methyl Iodide	2.447	142	217393	157.649	ug/l	92
11) Tert butyl alcohol	2.989	59	220823	665.030	ug/l	98
12) 1,1-Dichloroethene	2.313	96	155395	141.438	ug/l	89
13) Acrolein	2.240	56	39723	646.288	ug/l	98
14) Allyl chloride	2.660	41	275916	143.244	ug/l	93
15) Acrylonitrile	3.069	53	495190	734.975	ug/l	98
16) Acetone	2.386	43	471039	672.387	ug/l	94
17) Carbon Disulfide	2.508	76	432675	140.360	ug/l	99
18) Methyl Acetate	2.703	43	309162	140.982	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	555847	147.142	ug/l	99
20) Methylene Chloride	2.788	84	180278	141.482	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	172784	143.893	ug/l	89
22) Diisopropyl ether	3.764	45	570364	150.890	ug/l	98
23) Vinyl Acetate	3.727	43	2308903	762.122	ug/l	96
24) 1,1-Dichloroethane	3.611	63	302204	146.284	ug/l	97
25) 2-Butanone	4.562	43	721242	705.401	ug/l	99
26) 2,2-Dichloropropane	4.477	77	264265	139.171	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	204384	146.022	ug/l	90
28) Bromochloromethane	4.904	49	141649	147.901	ug/l	95
29) Tetrahydrofuran	5.007	42	450353	727.869	ug/l	99
30) Chloroform	5.099	83	311092	145.250	ug/l	97
31) Cyclohexane	5.471	56	264894	137.470	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	273930	140.929	ug/l	97
36) 1,1-Dichloropropene	5.696	75	228909	139.388	ug/l	98
37) Ethyl Acetate	4.721	43	268571	138.585	ug/l	99
38) Carbon Tetrachloride	5.678	117	246435	134.935	ug/l	97
39) Methylcyclohexane	7.385	83	283512	130.654	ug/l	94
40) Benzene	6.038	78	707009	141.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	145886	136.185	ug/l	97
42) 1,2-Dichloroethane	6.093	62	232814	144.990	ug/l	92
43) Isopropyl Acetate	6.349	43	454133	143.297	ug/l	97
44) Trichloroethene	7.129	130	202695	140.446	ug/l	92
45) 1,2-Dichloropropane	7.434	63	180749	145.377	ug/l	99
46) Dibromomethane	7.586	93	128344	143.513	ug/l	93
47) Bromodichloromethane	7.824	83	257767	147.446	ug/l	97
48) Methyl methacrylate	7.696	41	211355	143.824	ug/l	95
49) 1,4-Dioxane	7.665	88	88409	2748.836	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	1518148	758.395	ug/l	98
52) Toluene	8.720	92	474684	144.879	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	303458	154.295	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	314772	150.700	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	196708	148.346	ug/l	98
56) Ethyl methacrylate	9.122	69	328476	156.801	ug/l	95
57) 1,3-Dichloropropane	9.311	76	319806	149.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	806704	849.769	ug/l	97
59) 2-Hexanone	9.439	43	1184742	757.353	ug/l	96
60) Dibromochloromethane	9.525	129	227305	152.788	ug/l	99
61) 1,2-Dibromoethane	9.616	107	211334	151.502	ug/l	99
64) Tetrachloroethene	9.275	164	190544	124.730	ug/l	95
65) Chlorobenzene	10.080	112	535064	142.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	206024	140.784	ug/l	99
67) Ethyl Benzene	10.195	91	915259	139.262	ug/l	97
68) m/p-Xylenes	10.305	106	756302	285.605	ug/l	93
69) o-Xylene	10.647	106	374315	142.611	ug/l	91
70) Styrene	10.659	104	646025	149.189	ug/l	97
71) Bromoform	10.805	173	184155	145.254	ug/l #	99
73) Isopropylbenzene	10.964	105	941300	134.349	ug/l	98
74) N-amyl acetate	10.848	43	445677	146.080	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	312488	138.564	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	271618m	135.149	ug/l	
77) Bromobenzene	11.201	156	247861	136.341	ug/l	95
78) n-propylbenzene	11.305	91	1105572	140.110	ug/l	98
79) 2-Chlorotoluene	11.366	91	654340	137.299	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	815580	138.831	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	117721	144.553	ug/l	87
82) 4-Chlorotoluene	11.457	91	781134	142.059	ug/l	97
83) tert-Butylbenzene	11.720	119	799838	133.821	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	802774	136.222	ug/l	95
85) sec-Butylbenzene	11.896	105	998550	135.951	ug/l	98
86) p-Isopropyltoluene	12.012	119	861219	137.846	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	465685	139.590	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	469792	140.092	ug/l	97
89) n-Butylbenzene	12.335	91	757404	143.944	ug/l	97
90) Hexachloroethane	12.543	117	161246	142.680	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	454969	140.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67724	143.199	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	288208	153.406	ug/l	98
94) Hexachlorobutadiene	13.725	225	115189	128.629	ug/l	98
95) Naphthalene	13.780	128	955820	162.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	286711	155.782	ug/l	99

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Instrument :
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ClientSampleId :
VSTDICC150

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

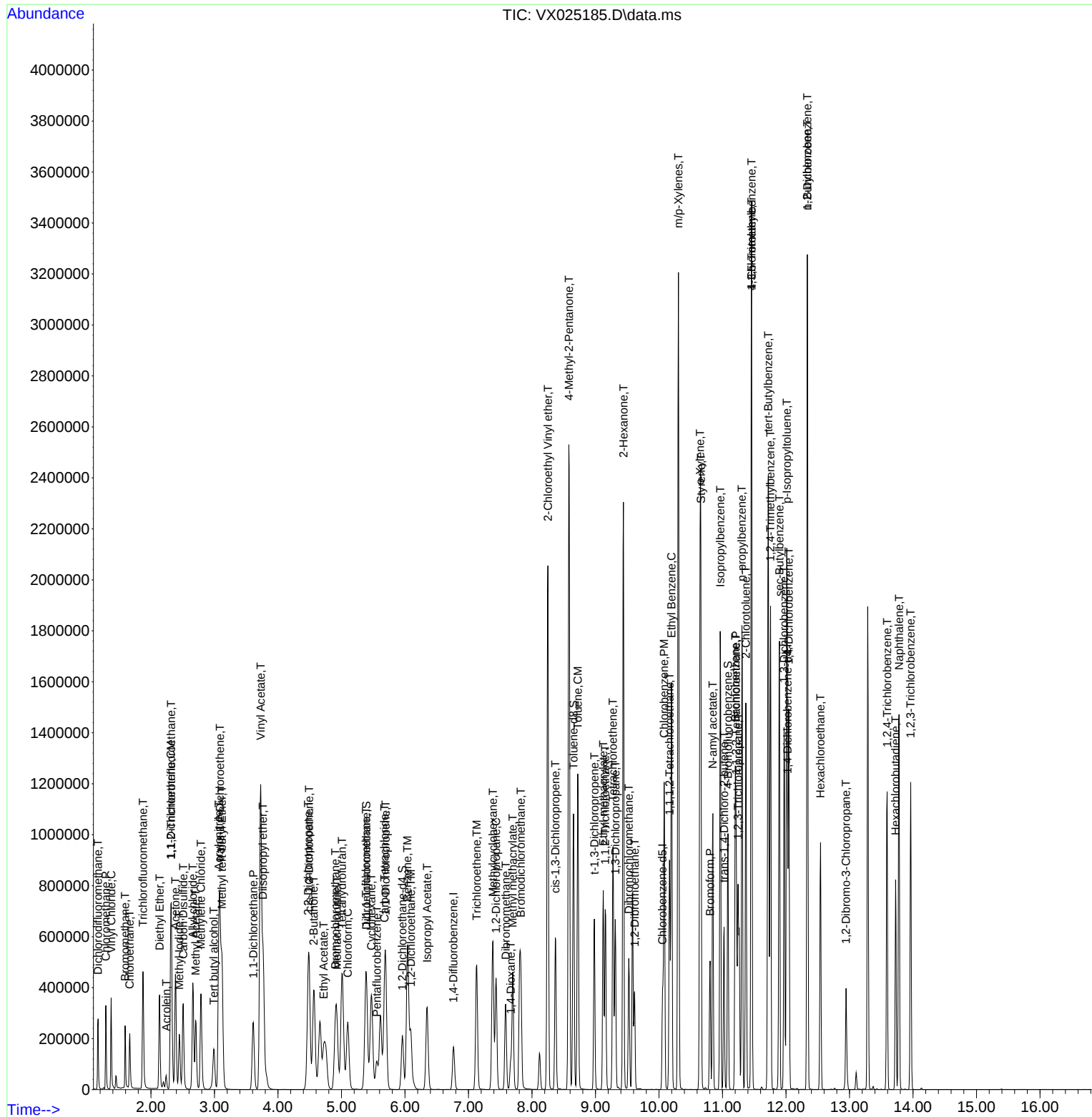
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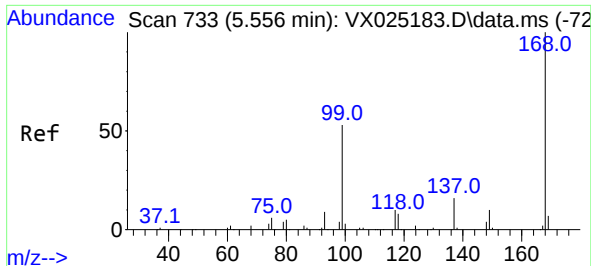
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ClientSampleId :
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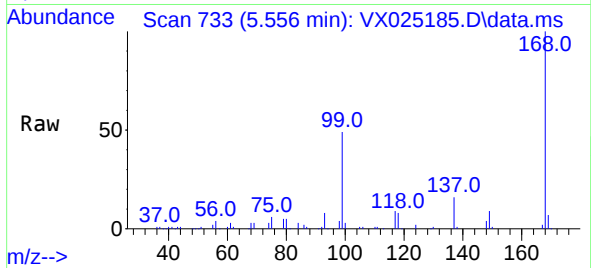
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025185.D
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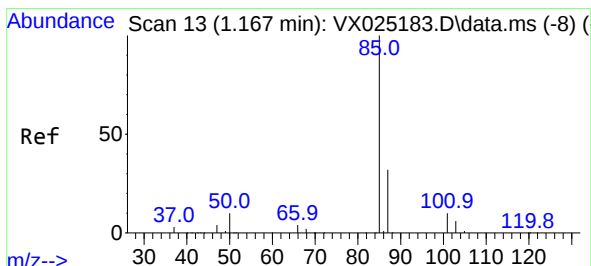
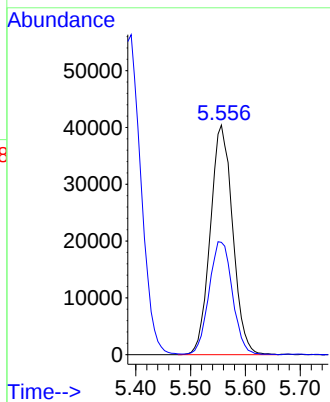
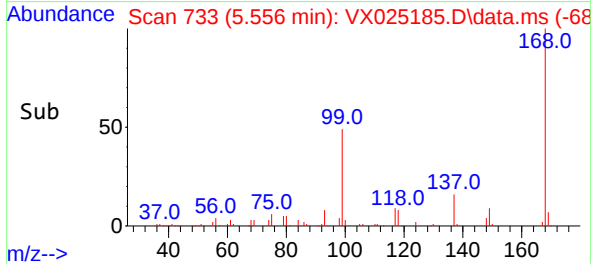
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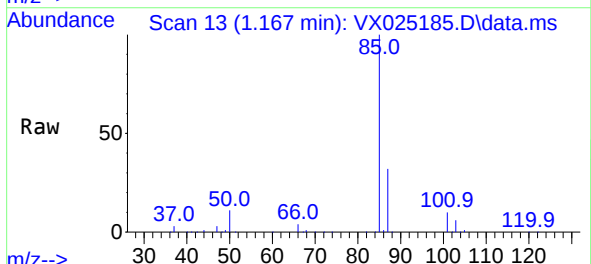
Tgt Ion:168 Resp: 114479
Ion Ratio Lower Upper
168 100
99 48.9 46.4 69.6

Manual Integrations
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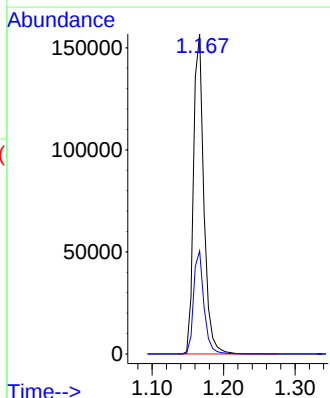
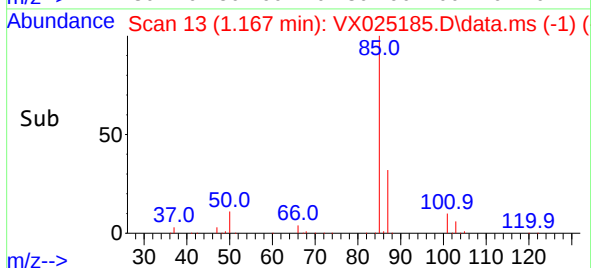
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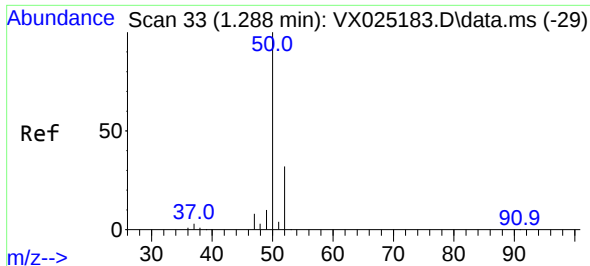


#2
Dichlorodifluoromethane
Concen: 145.813 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



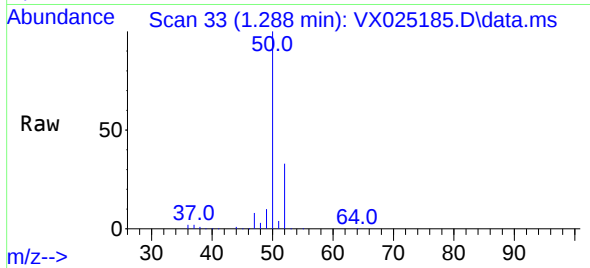
Tgt Ion: 85 Resp: 157182
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9





#3
Chloromethane
Concen: 143.308 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

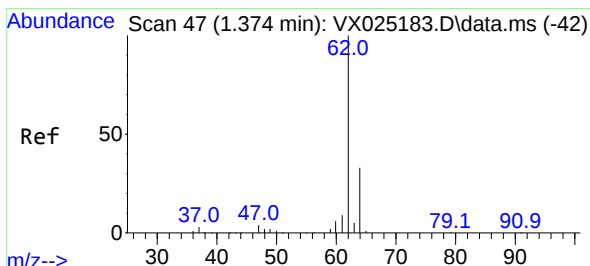
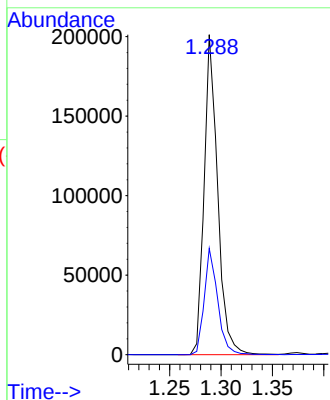
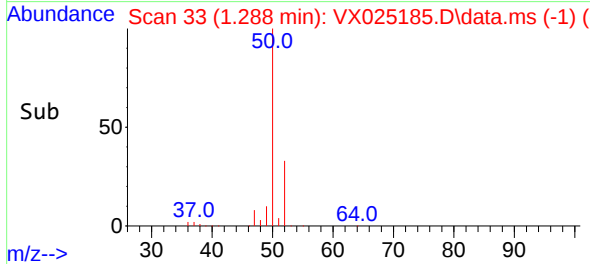
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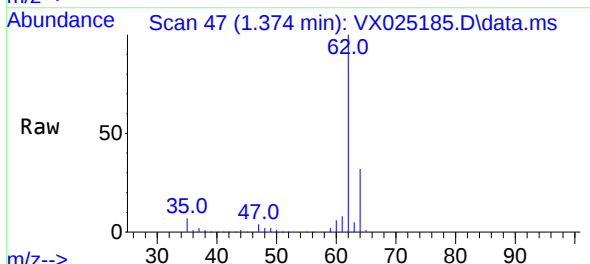
Tgt Ion: 50 Resp: 184600
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9

Manual Integrations
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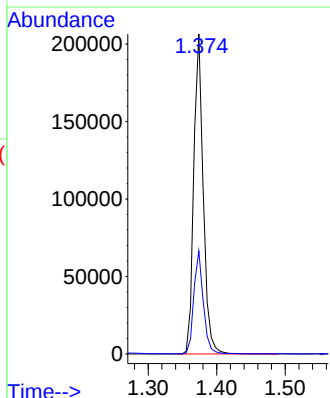
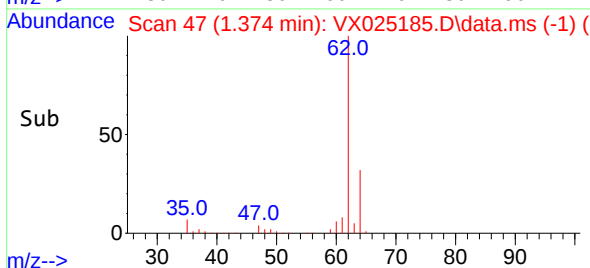
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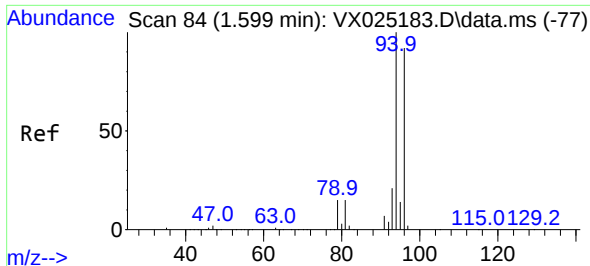


#4
Vinyl Chloride
Concen: 139.804 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



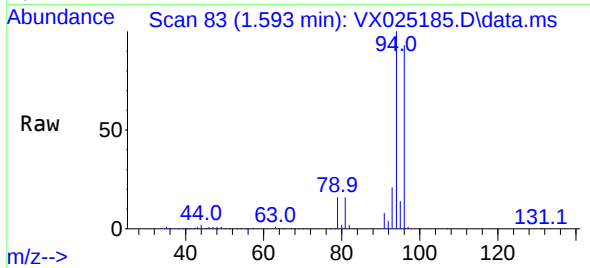
Tgt Ion: 62 Resp: 199787
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 113.656 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

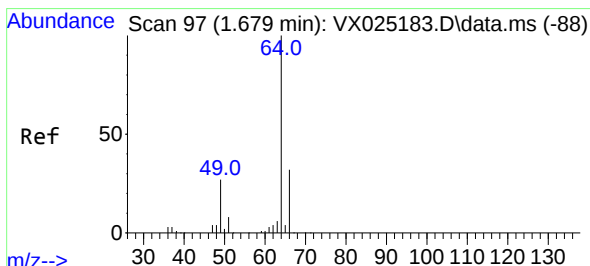
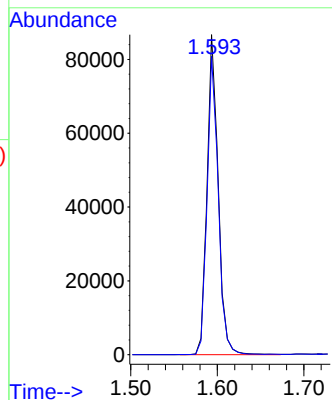
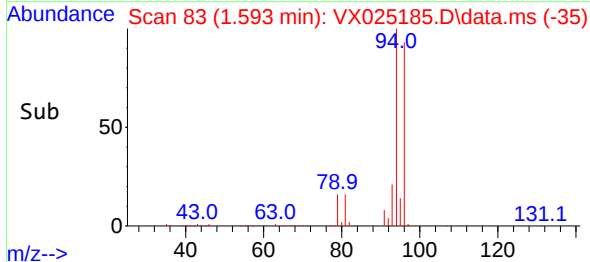
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Tgt Ion: 94 Resp: 77524
Ion Ratio Lower Upper
94 100
96 93.2 74.8 112.2

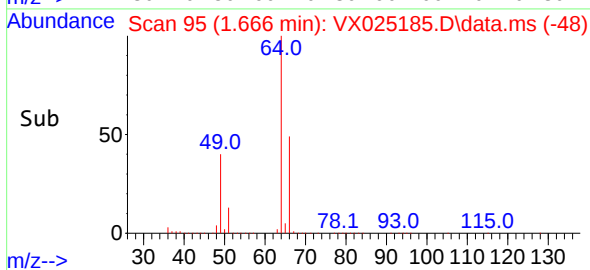
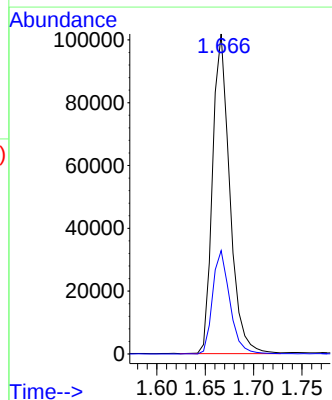
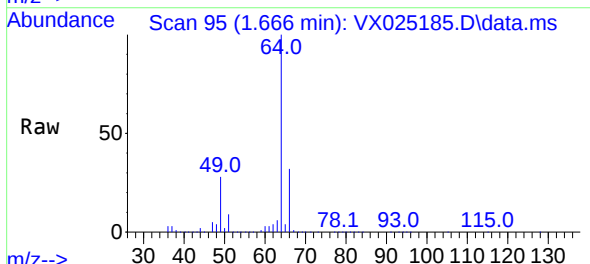
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#6
Chloroethane
Concen: 133.372 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 64 Resp: 125730
Ion Ratio Lower Upper
64 100
66 32.3 25.6 38.4





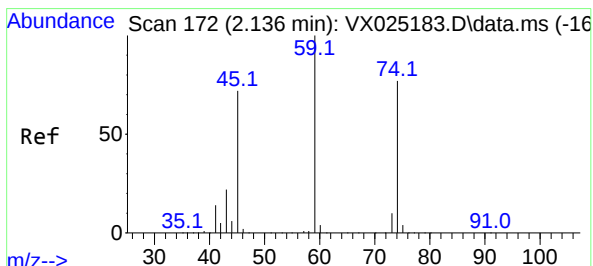
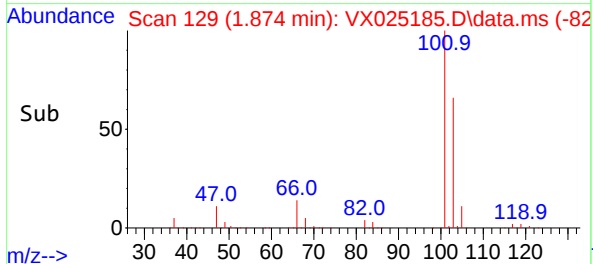
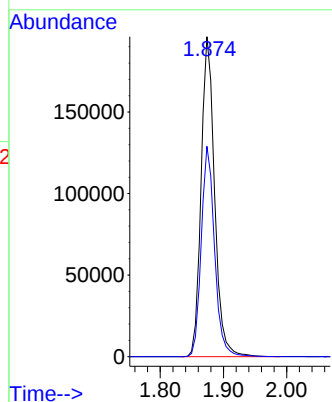
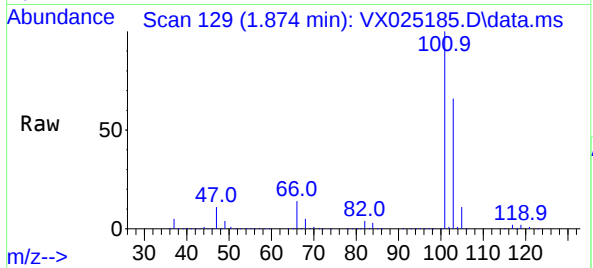
#7
Trichlorofluoromethane
Concen: 136.641 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 291225
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.6

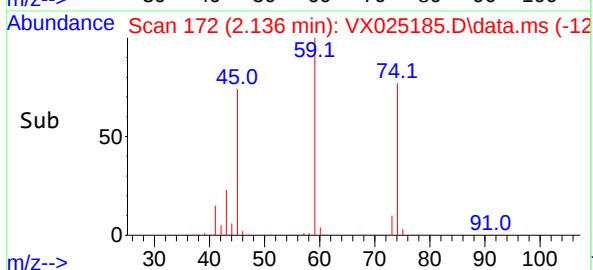
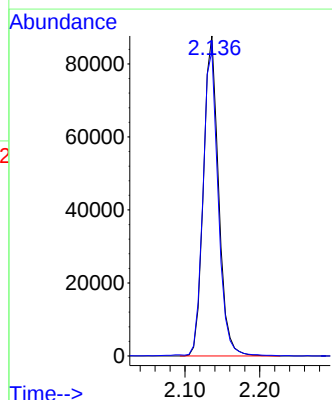
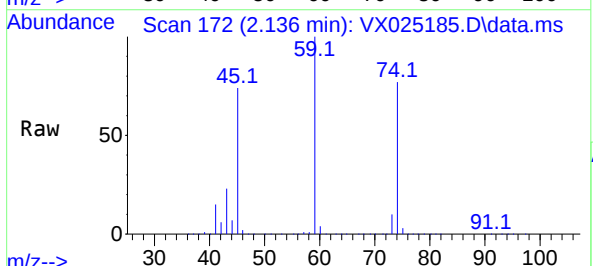
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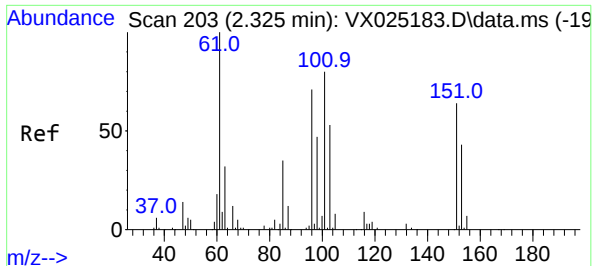
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#8
Diethyl Ether
Concen: 142.075 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 74 Resp: 122655
Ion Ratio Lower Upper
74 100
45 96.8 47.6 142.9





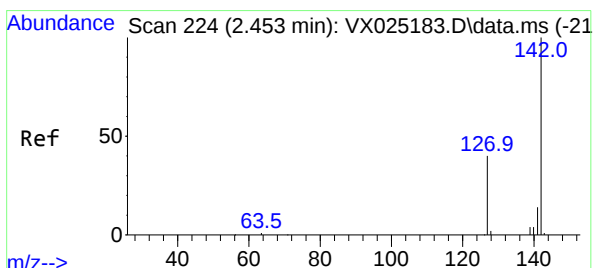
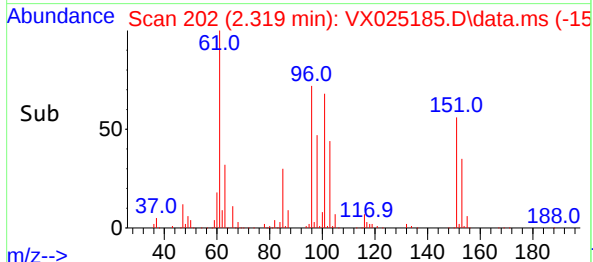
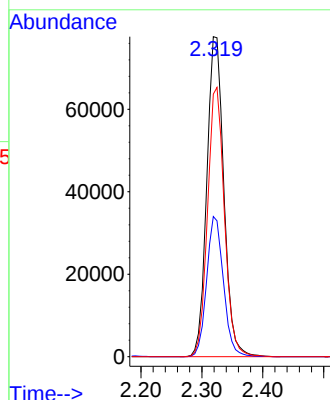
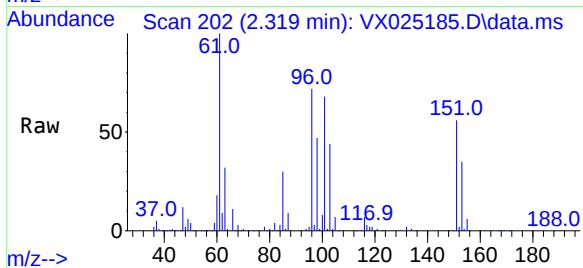
#9
1,1,2-Trichlorotrifluoroethane
Concen: 136.066 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 15092
Ion Ratio Lower Upper
101 100
85 43.2 35.9 53.9
151 83.2 64.4 96.6

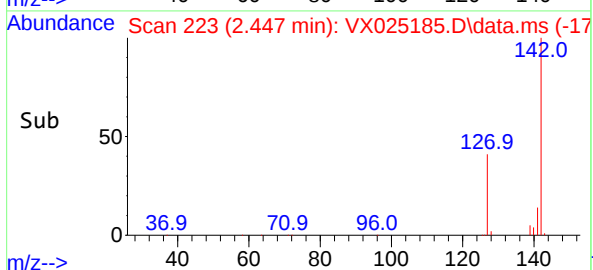
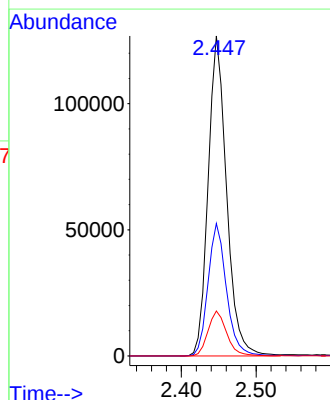
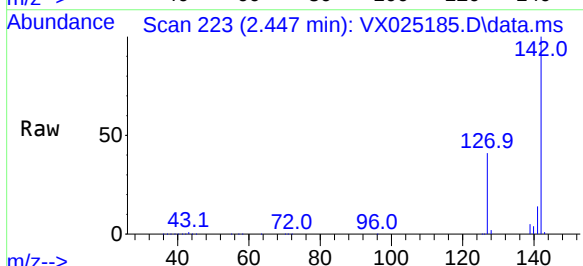
Manual Integrations
APPROVED

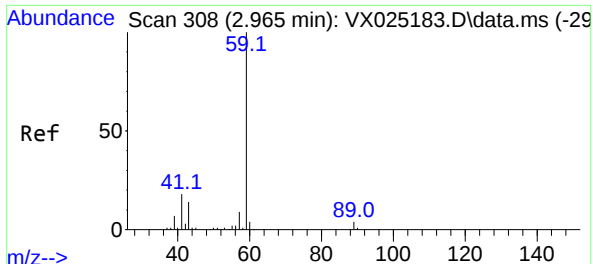
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 157.649 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion:142 Resp: 217393
Ion Ratio Lower Upper
142 100
127 41.5 38.9 58.3
141 14.2 11.7 17.5





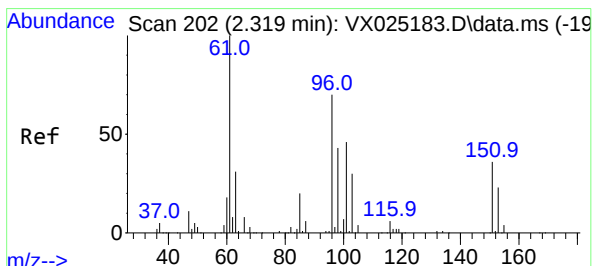
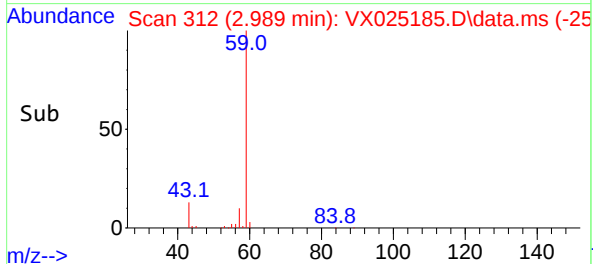
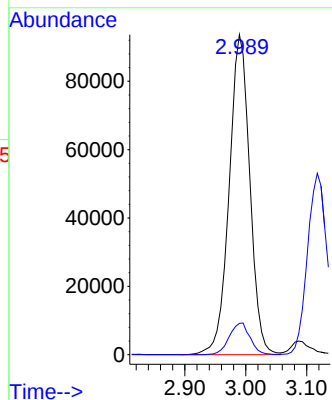
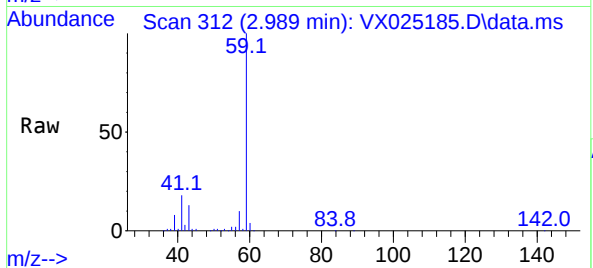
#11
Tert butyl alcohol
Concen: 665.030 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 22082
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

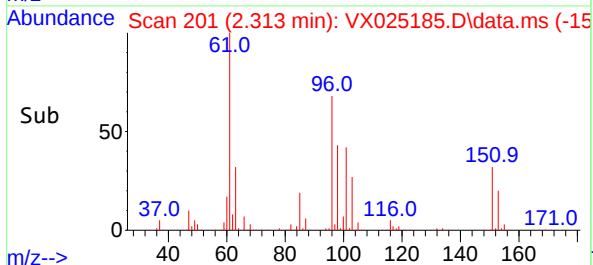
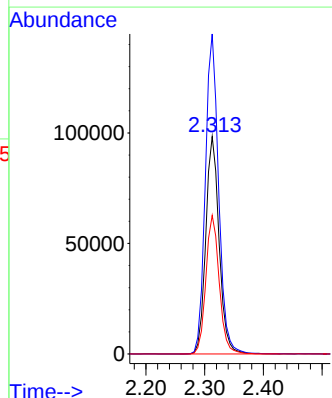
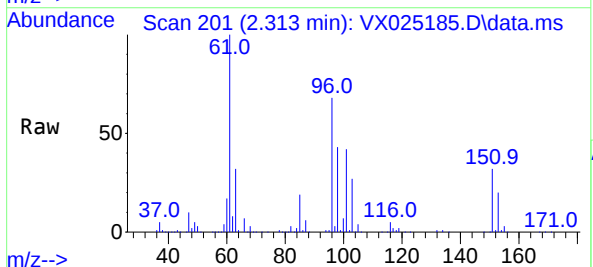
Manual Integrations
APPROVED

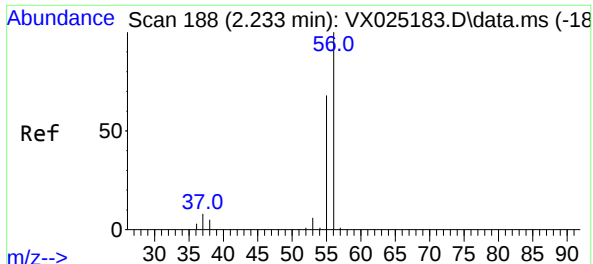
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 141.438 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

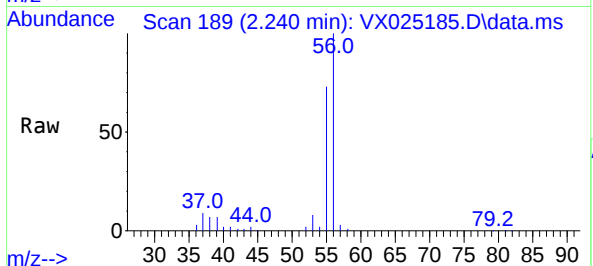
Tgt Ion: 96 Resp: 155395
Ion Ratio Lower Upper
96 100
61 147.1 134.1 201.1
98 63.7 51.5 77.3





#13
Acrolein
Concen: 646.288 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

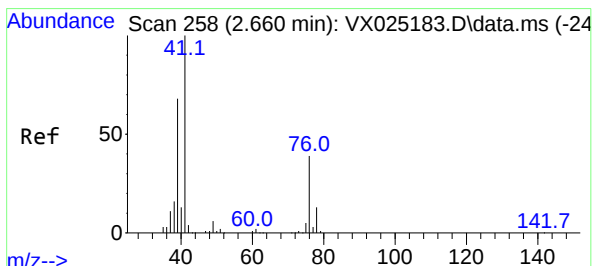
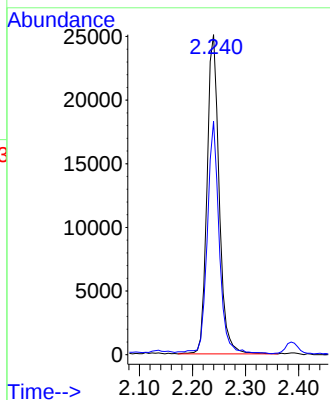
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 3972
Ion Ratio Lower Upper
56 100
55 71.5 58.6 87.8

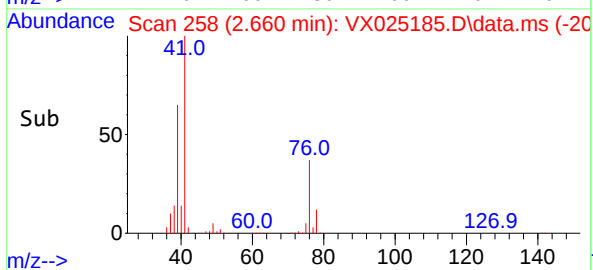
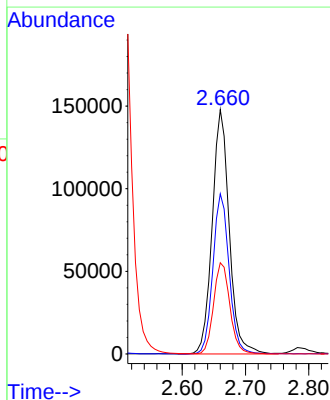
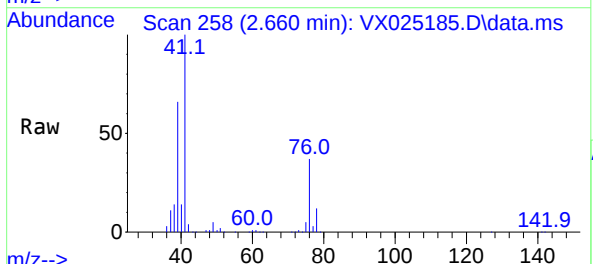
Manual Integrations
APPROVED

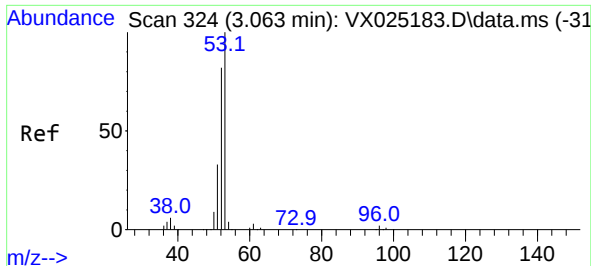
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 143.244 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

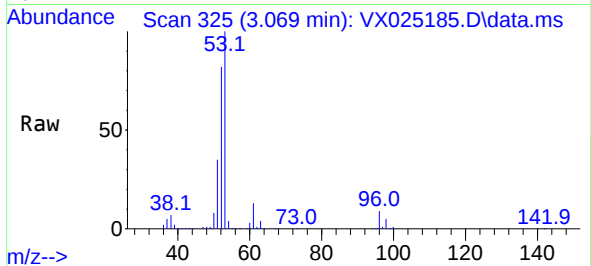
Tgt Ion: 41 Resp: 275916
Ion Ratio Lower Upper
41 100
39 62.6 54.6 82.0
76 35.9 25.3 37.9





#15
Acrylonitrile
Concen: 734.975 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

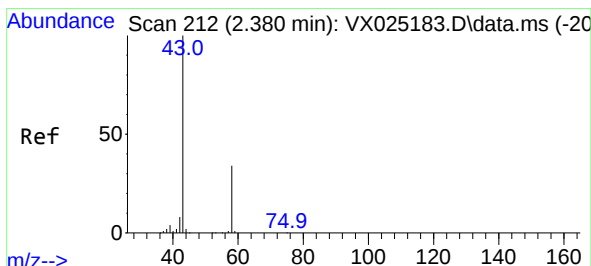
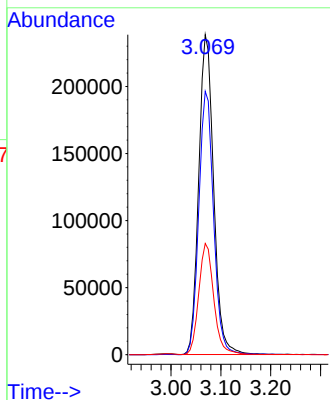
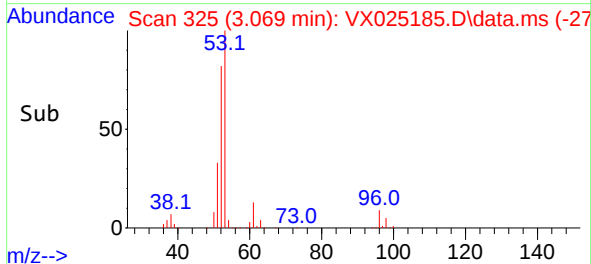
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 495190
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.4
51 34.9 29.8 44.8

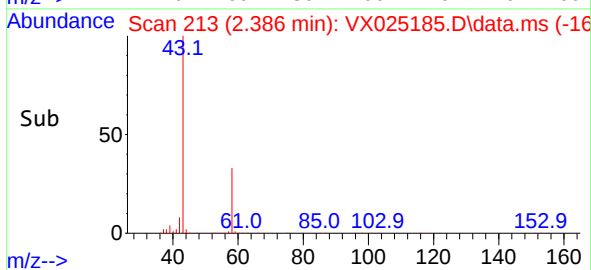
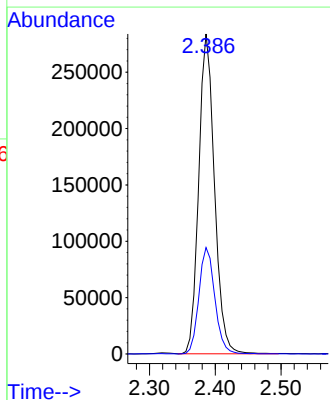
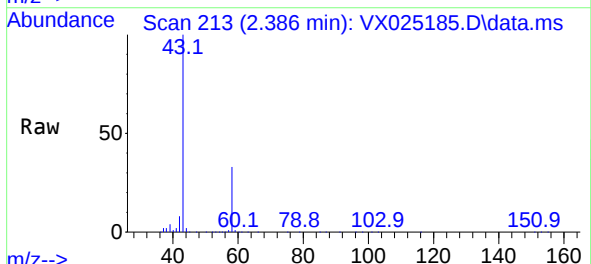
Manual Integrations
APPROVED

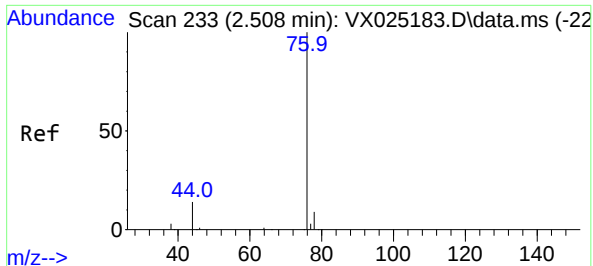
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 672.387 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

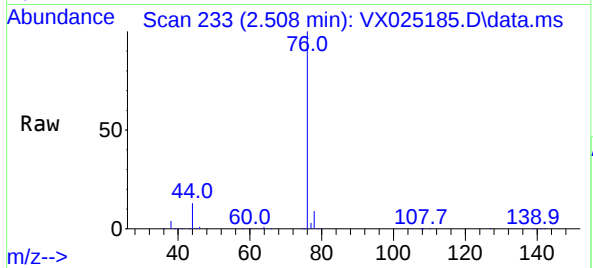
Tgt Ion: 43 Resp: 471039
Ion Ratio Lower Upper
43 100
58 33.2 24.0 36.0





#17
Carbon Disulfide
Concen: 140.360 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

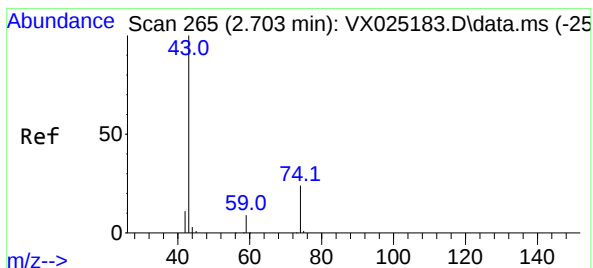
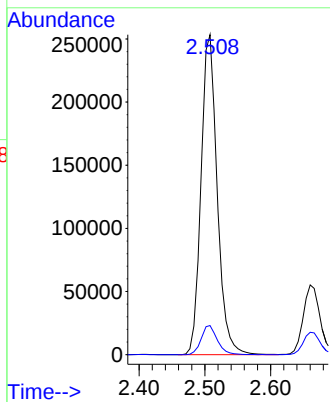
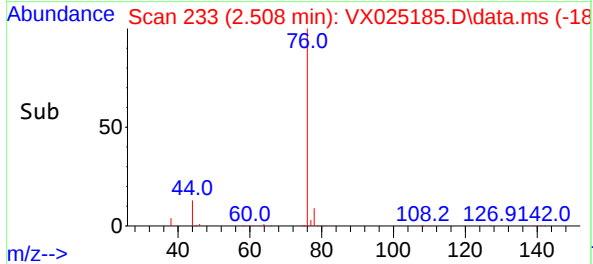
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



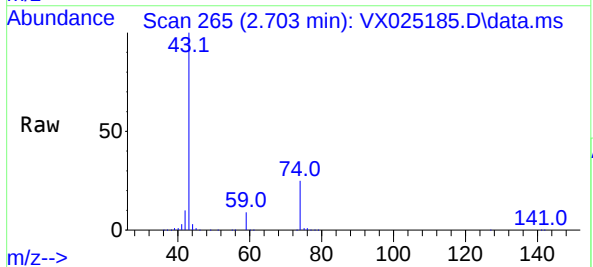
Tgt Ion: 76 Resp: 432675
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

Manual Integrations
APPROVED

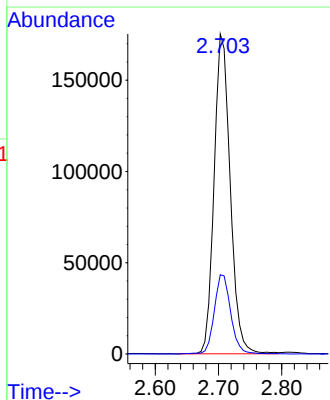
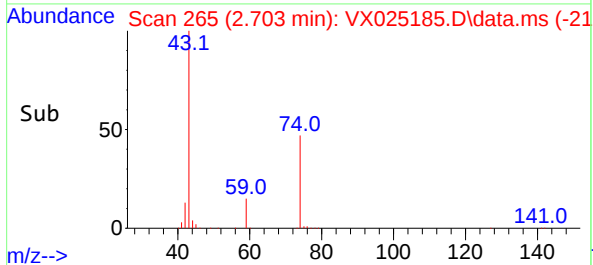
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

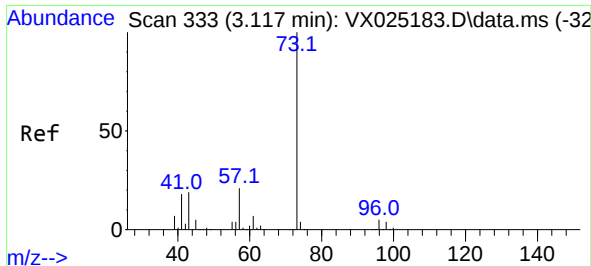


#18
Methyl Acetate
Concen: 140.982 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



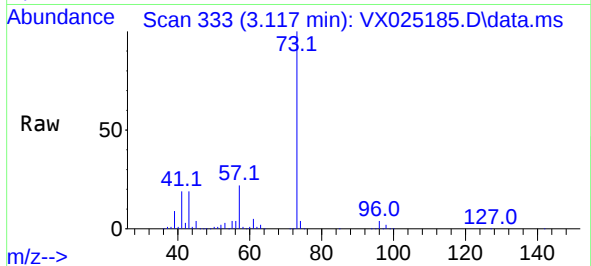
Tgt Ion: 43 Resp: 309162
Ion Ratio Lower Upper
43 100
74 25.3 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 147.142 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

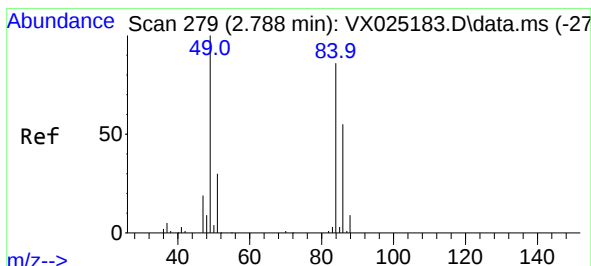
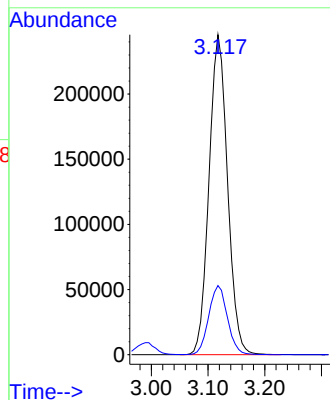
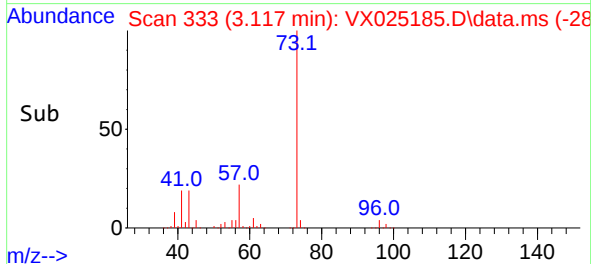
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



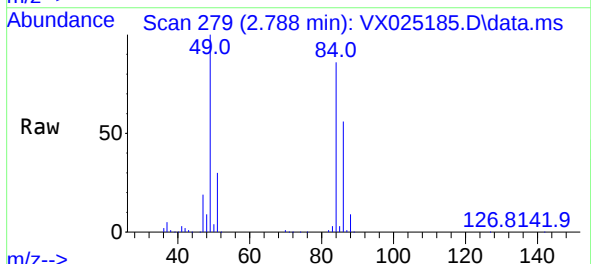
Tgt Ion: 73 Resp: 55584
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3

Manual Integrations
APPROVED

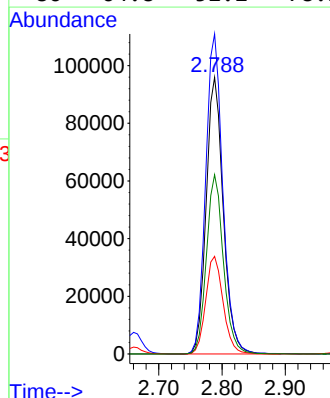
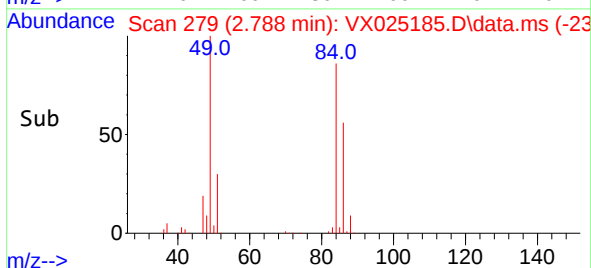
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

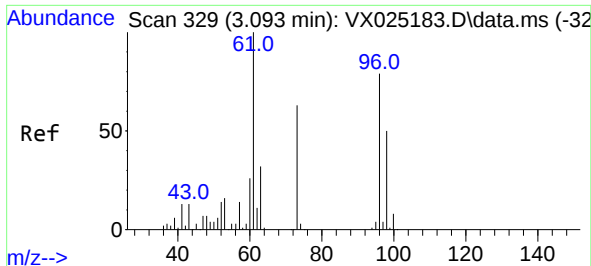


#20
Methylene Chloride
Concen: 141.482 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



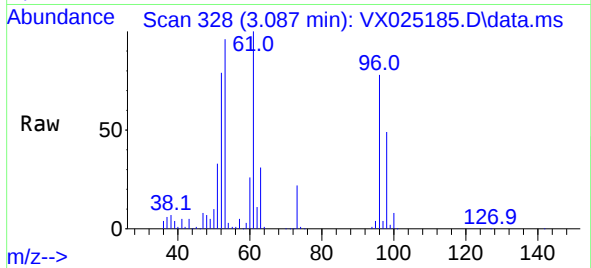
Tgt Ion: 84 Resp: 180278
Ion Ratio Lower Upper
84 100
49 115.6 98.2 147.2
51 35.3 30.2 45.4
86 64.8 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 143.893 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

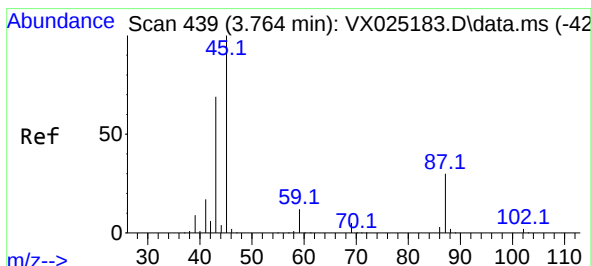
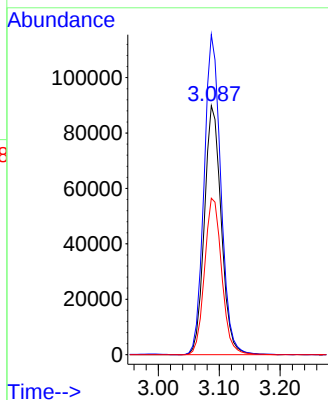
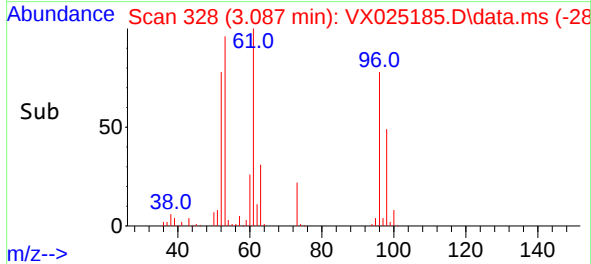
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



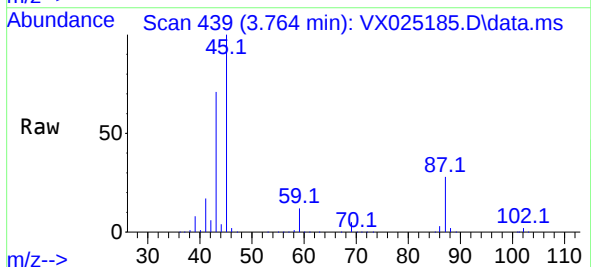
Tgt Ion: 96 Resp: 172784
Ion Ratio Lower Upper
96 100
61 128.5 117.9 176.9
98 62.9 51.1 76.7

Manual Integrations
APPROVED

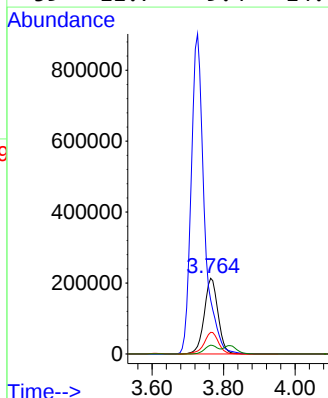
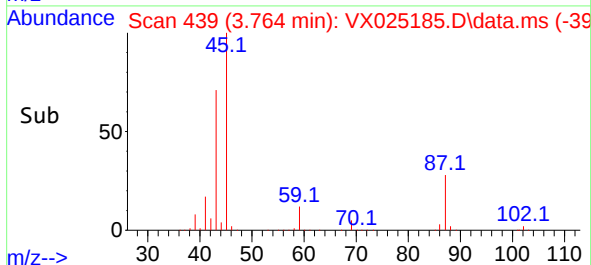
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

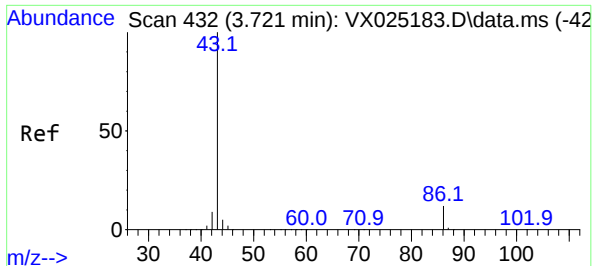


#22
Diisopropyl ether
Concen: 150.890 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion: 45 Resp: 570364
Ion Ratio Lower Upper
45 100
43 71.1 58.3 87.5
87 28.4 23.7 35.5
59 11.7 9.4 14.0





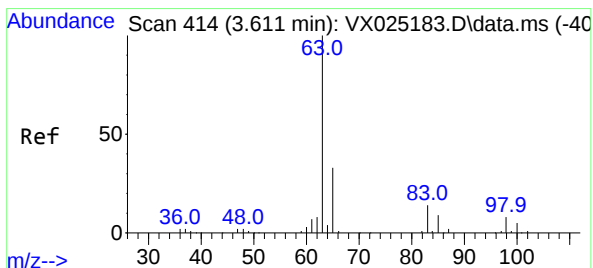
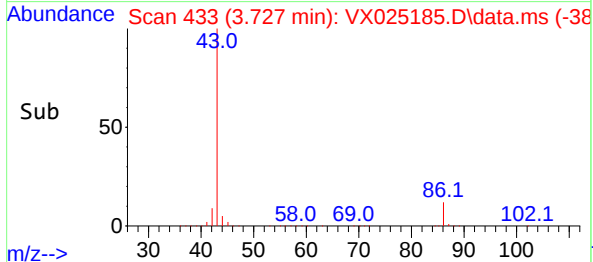
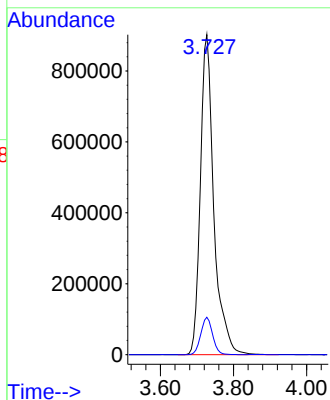
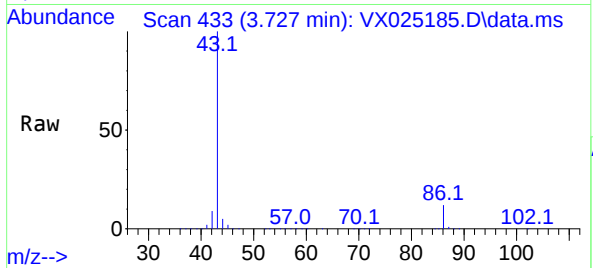
#23
 Vinyl Acetate
 Concen: 762.122 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX025185.D
 Acq: 17 Nov 2021 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 230890
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.2 12.4

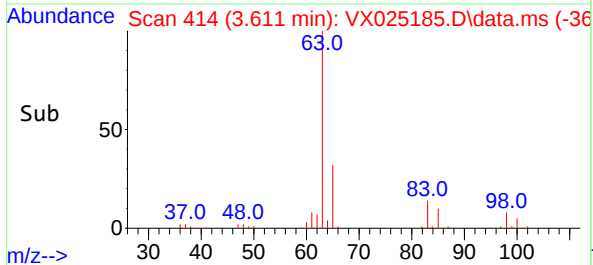
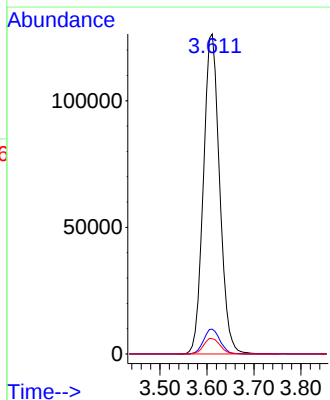
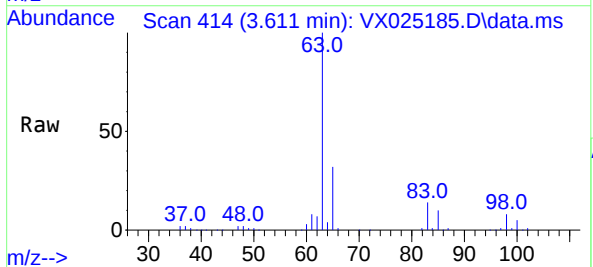
Manual Integrations
 APPROVED

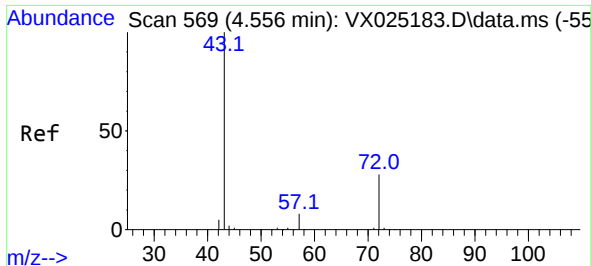
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 146.284 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX025185.D
 Acq: 17 Nov 2021 12:28

Tgt Ion: 63 Resp: 302204
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.8 2.1 6.2





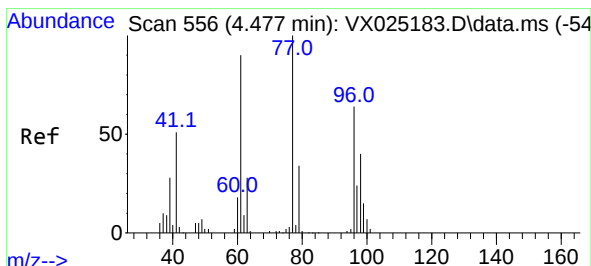
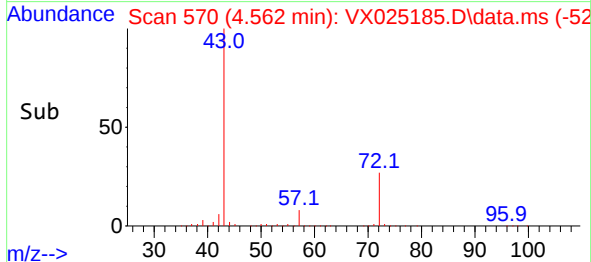
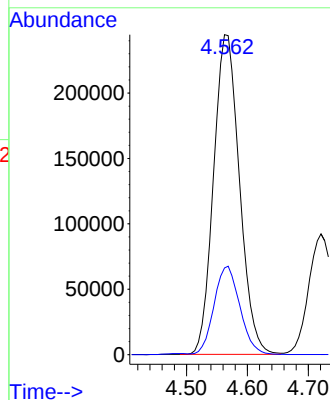
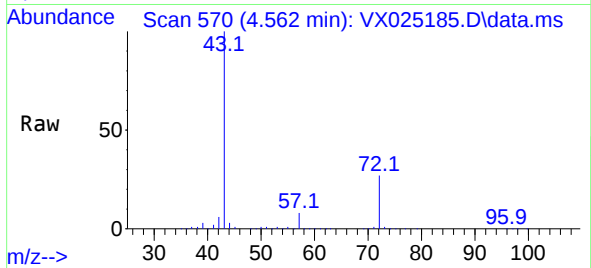
#25
2-Butanone
Concen: 705.401 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 72124
Ion Ratio Lower Upper
43 100
72 27.0 21.2 31.8

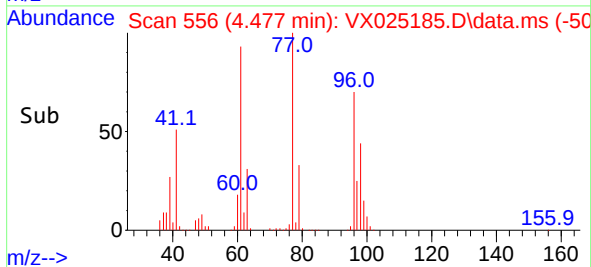
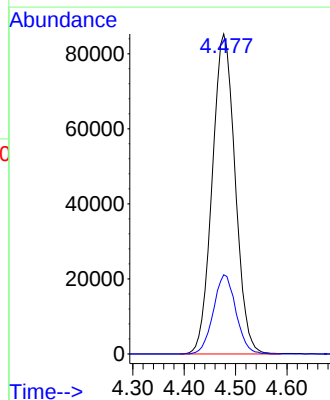
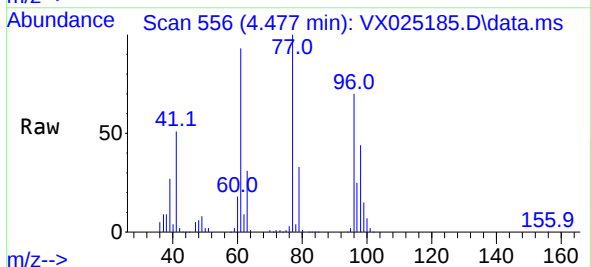
Manual Integrations
APPROVED

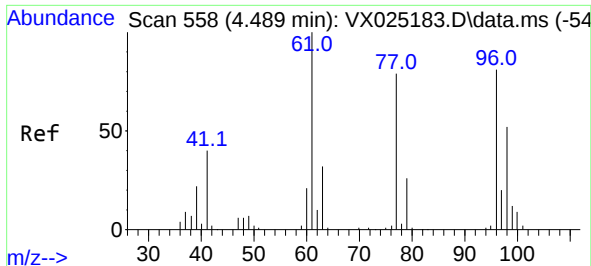
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 139.171 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 77 Resp: 264265
Ion Ratio Lower Upper
77 100
97 24.4 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 146.022 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 204384

Ion Ratio Lower Upper

96 100

61 133.1 0.0 302.2

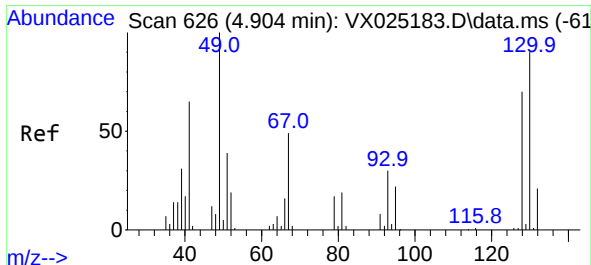
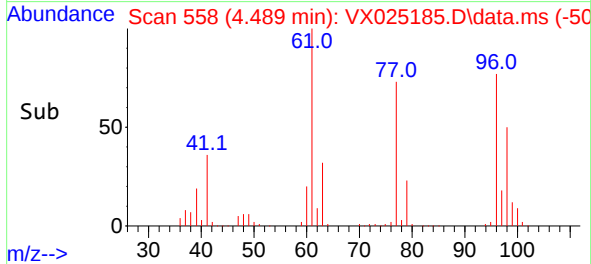
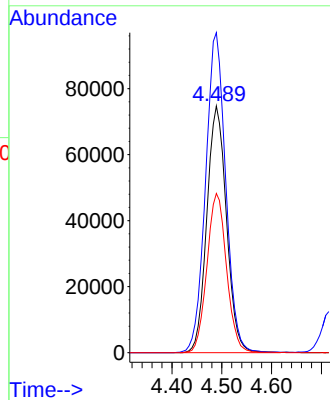
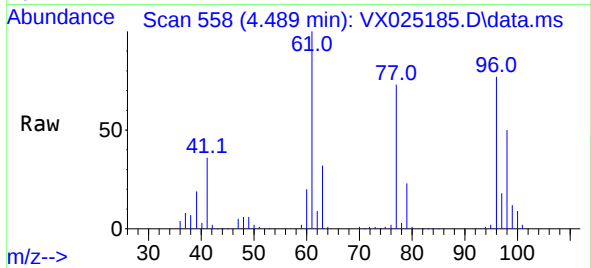
98 64.5 0.0 131.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 147.901 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

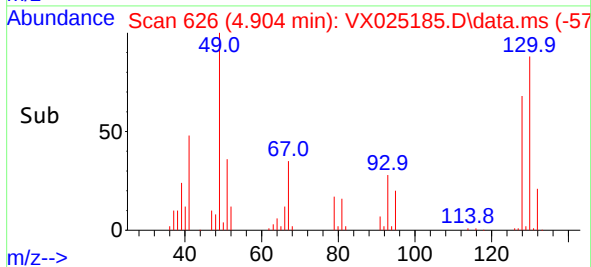
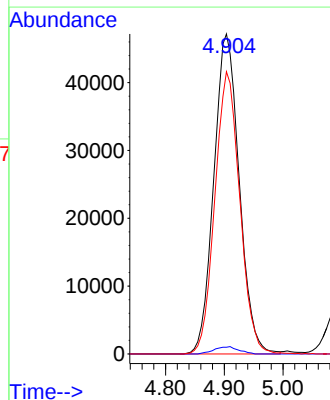
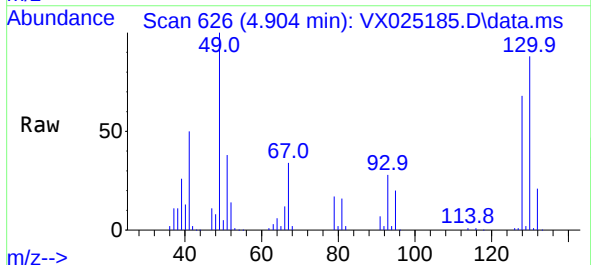
Tgt Ion: 49 Resp: 141649

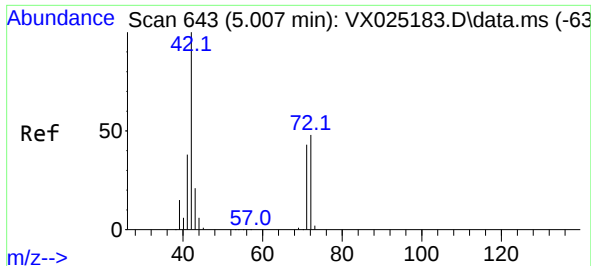
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

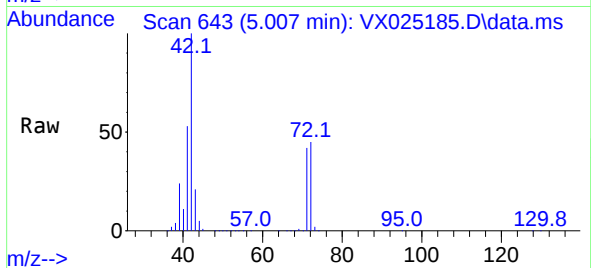
130 86.5 65.2 97.8





#29
Tetrahydrofuran
Concen: 727.869 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

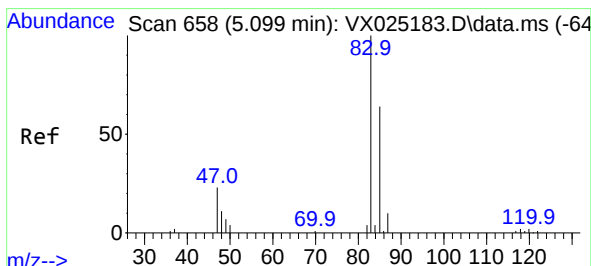
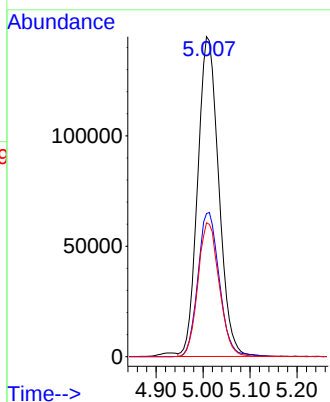
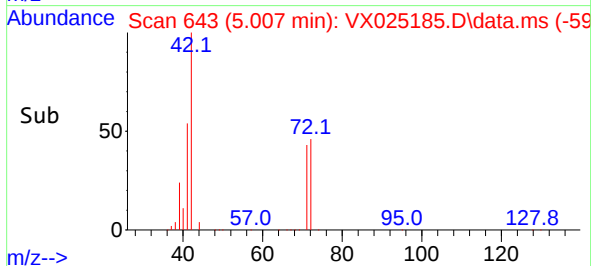
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



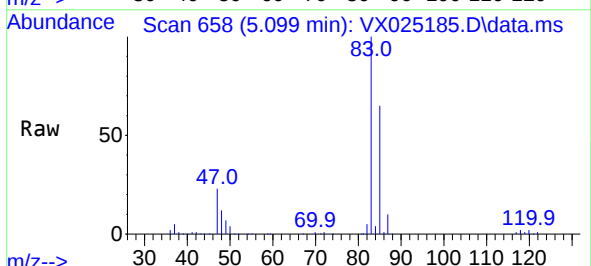
Tgt Ion: 42 Resp: 45035
Ion Ratio Lower Upper
42 100
72 46.1 36.1 54.1
71 42.4 33.7 50.5

Manual Integrations
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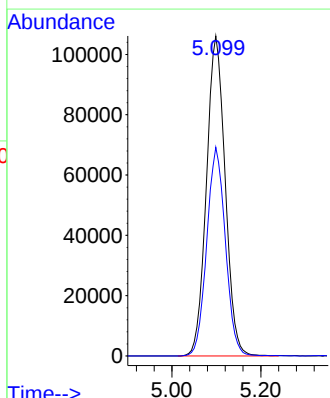
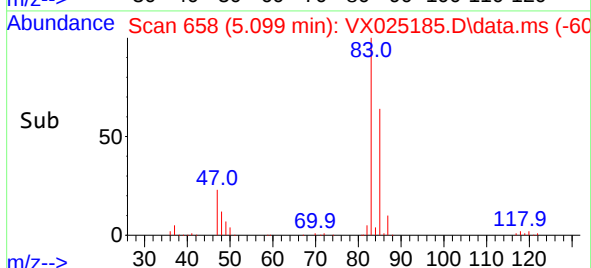
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

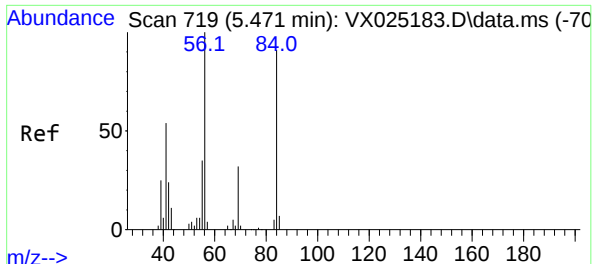


#30
Chloroform
Concen: 145.250 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



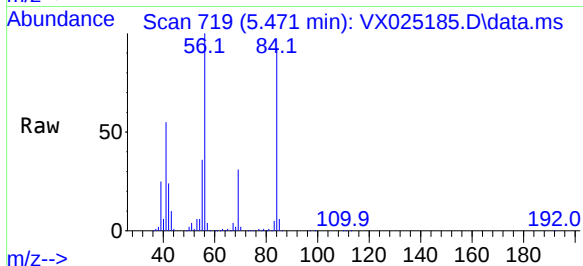
Tgt Ion: 83 Resp: 311092
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.2





#31
Cyclohexane
Concen: 137.470 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

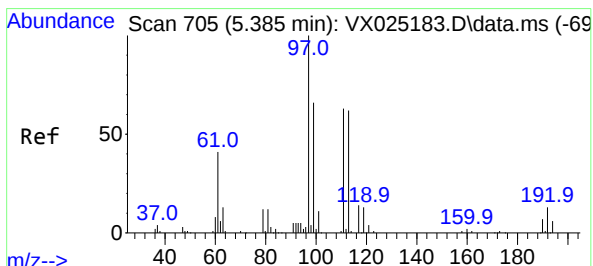
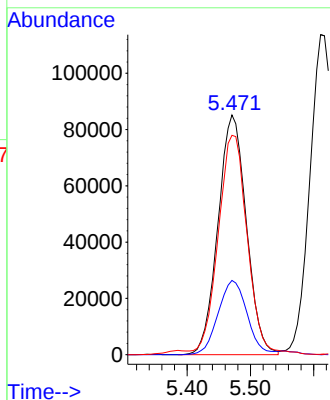
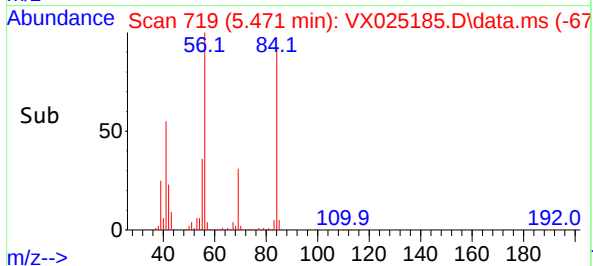
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



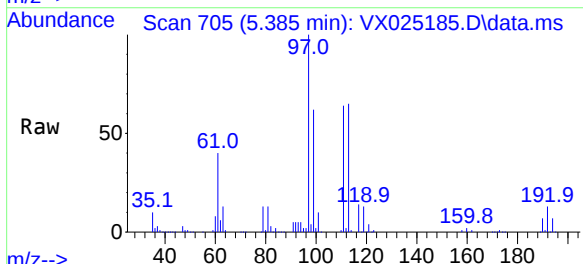
Tgt Ion: 56 Resp: 264894
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.2
84 89.7 71.5 107.3

Manual Integrations
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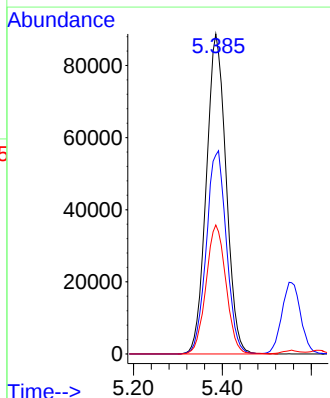
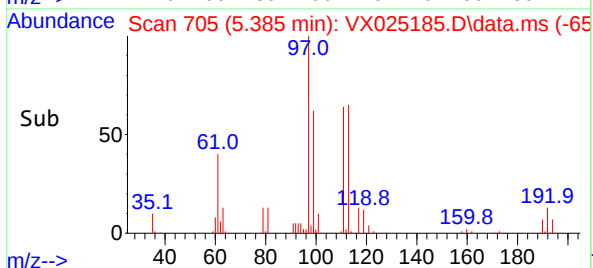
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

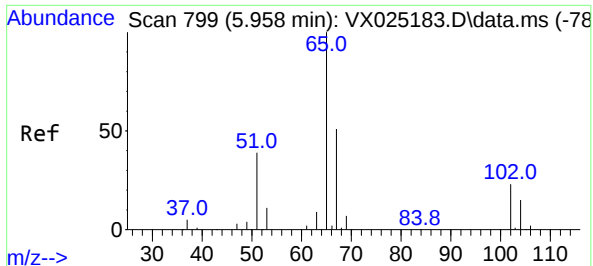


#32
1,1,1-Trichloroethane
Concen: 140.929 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion: 97 Resp: 273930
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 40.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 154.617 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 185914

Ion Ratio Lower Upper

65 100

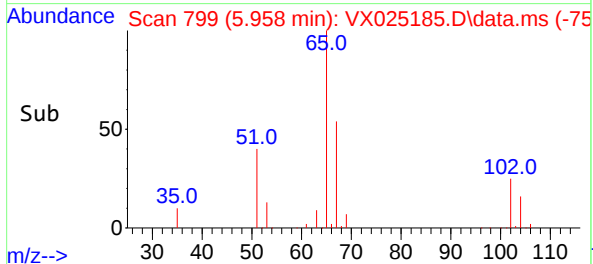
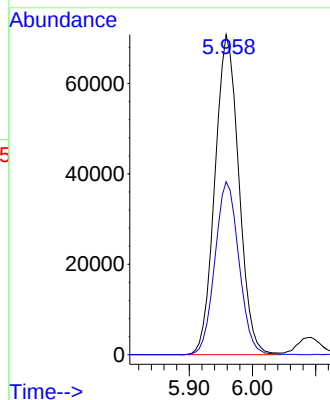
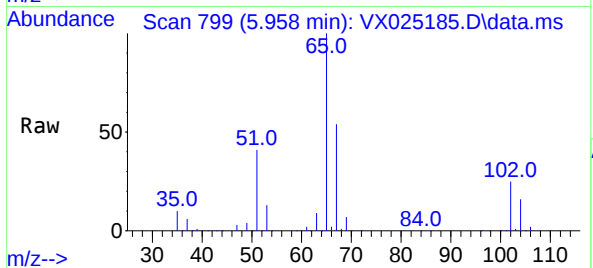
67 54.2 0.0 101.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

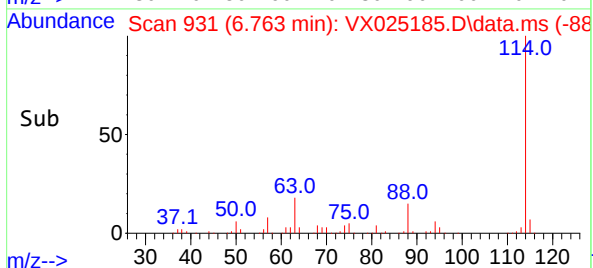
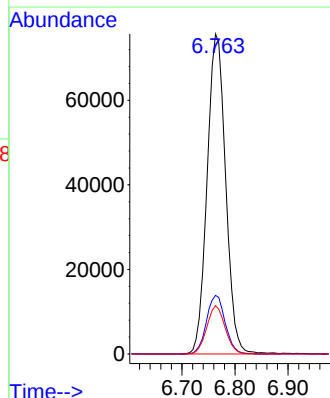
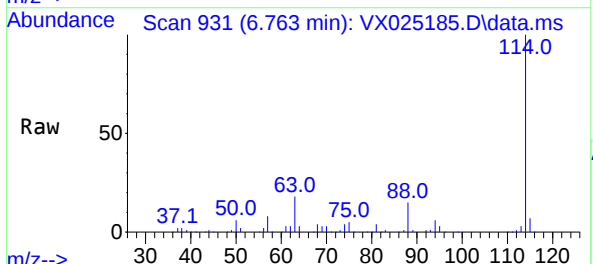
Tgt Ion:114 Resp: 183649

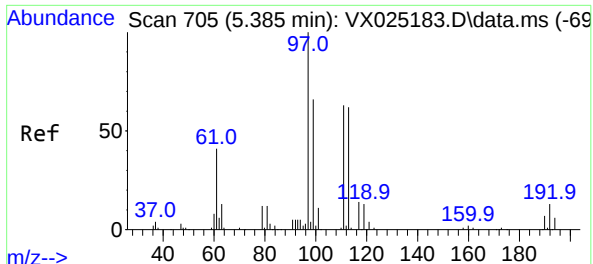
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

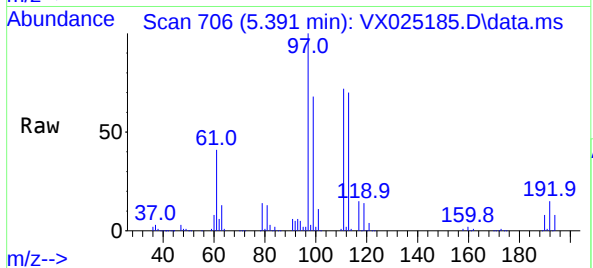
88 15.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 148.991 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

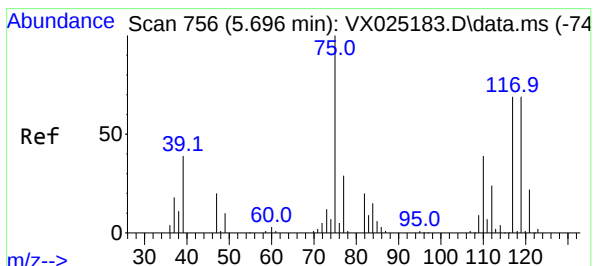
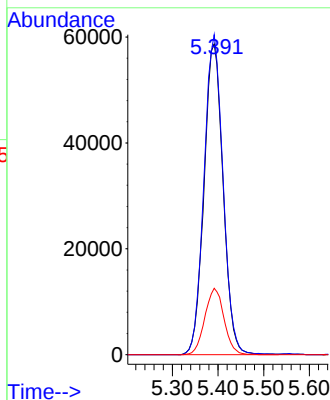
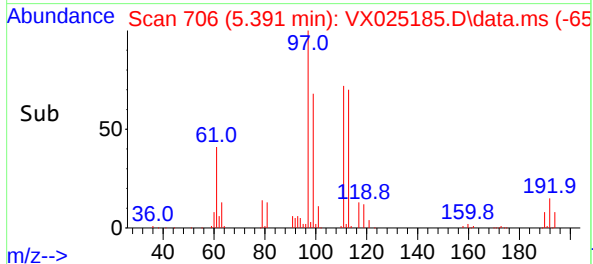
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



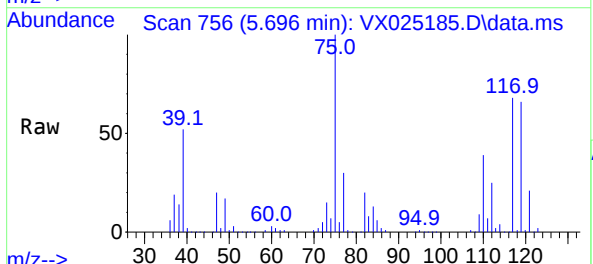
Tgt Ion: 113 Resp: 17025
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 21.5 15.6 23.4

Manual Integrations
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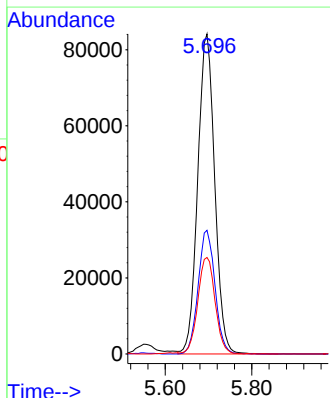
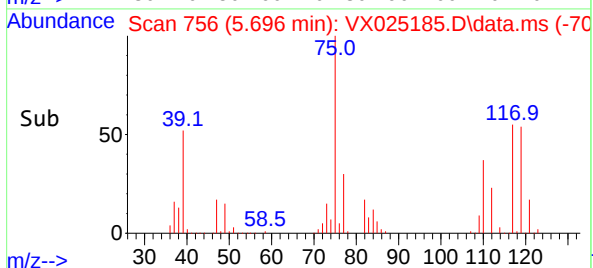
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

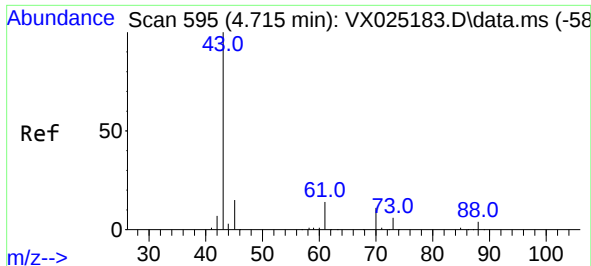


#36
1,1-Dichloropropene
Concen: 139.388 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion: 75 Resp: 228909
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.3
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 138.585 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 26857

Ion Ratio Lower Upper

43 100

61 14.4 11.4 17.0

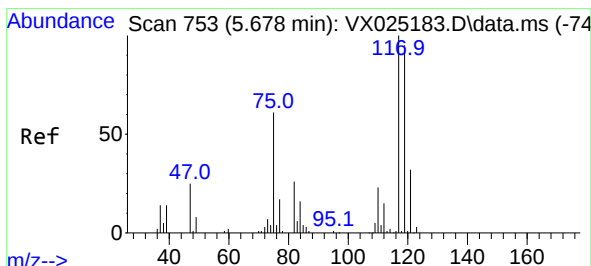
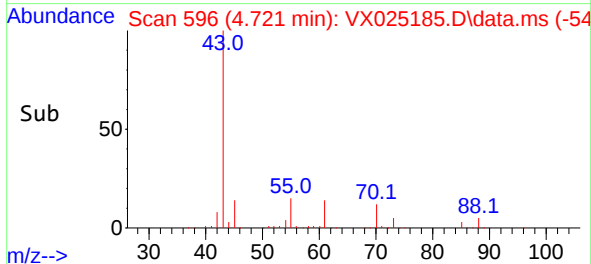
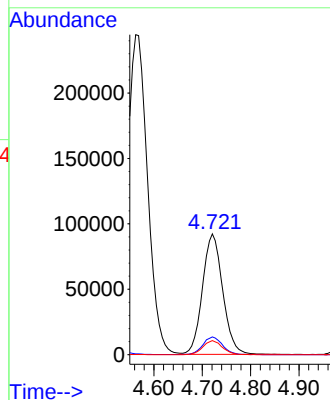
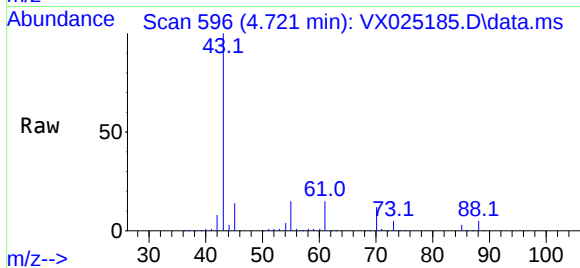
70 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 134.935 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

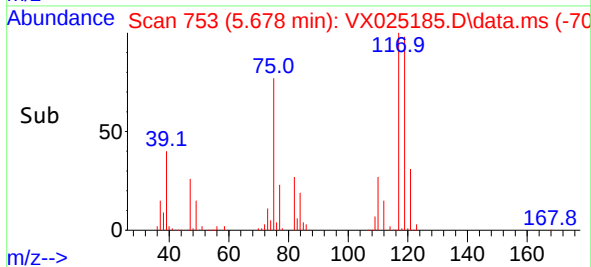
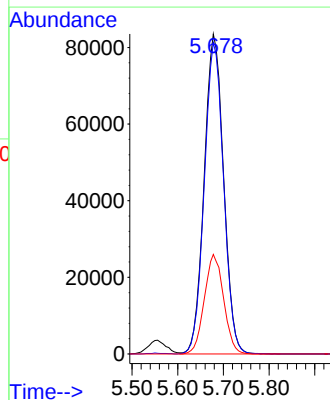
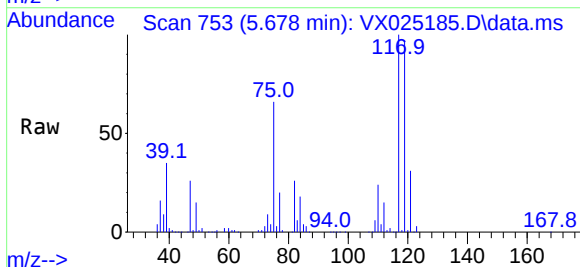
Tgt Ion:117 Resp: 246435

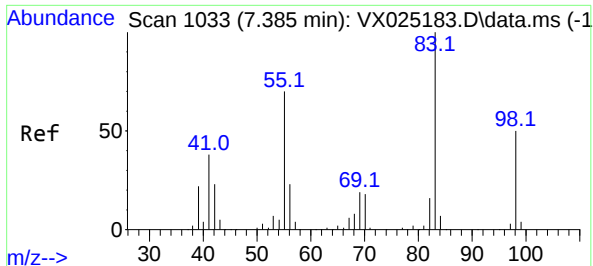
Ion Ratio Lower Upper

117 100

119 97.4 75.6 113.4

121 31.1 23.7 35.5





#39

Methylcyclohexane

Concen: 130.654 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 28351

Ion Ratio Lower Upper

83 100

55 70.8 60.8 91.2

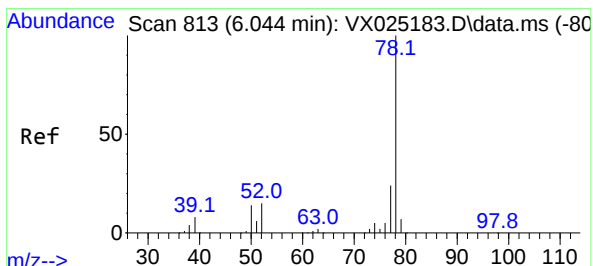
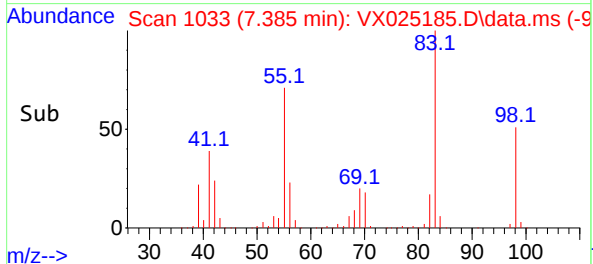
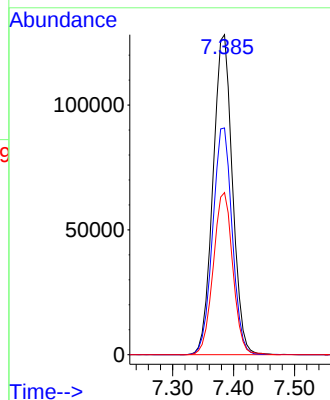
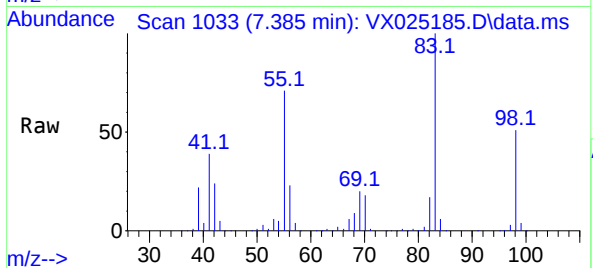
98 50.6 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 141.648 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX025185.D

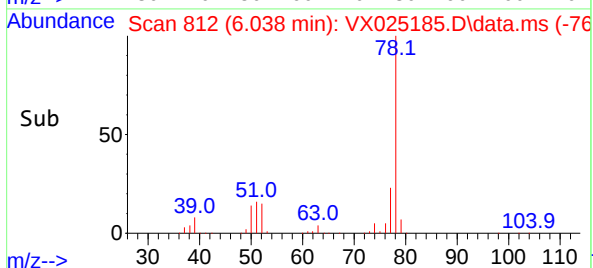
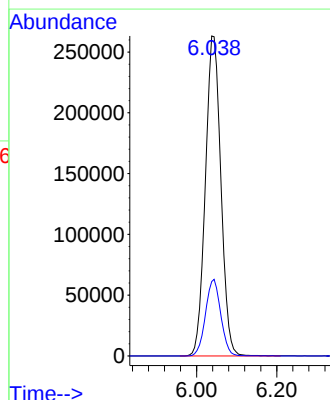
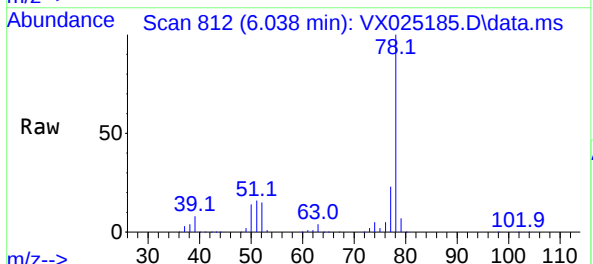
Acq: 17 Nov 2021 12:28

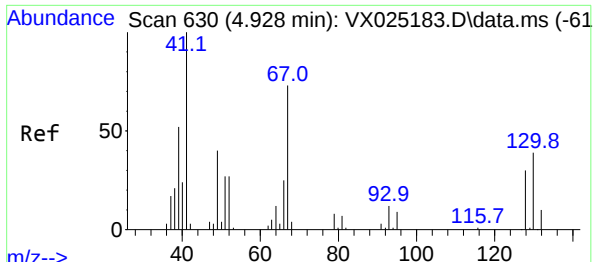
Tgt Ion: 78 Resp: 707009

Ion Ratio Lower Upper

78 100

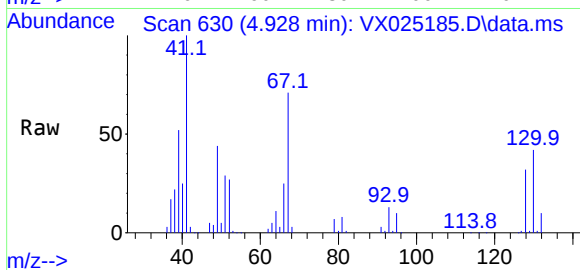
77 23.3 18.3 27.5





#41
Methacrylonitrile
Concen: 136.185 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

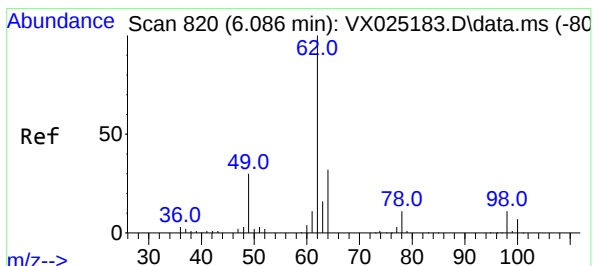
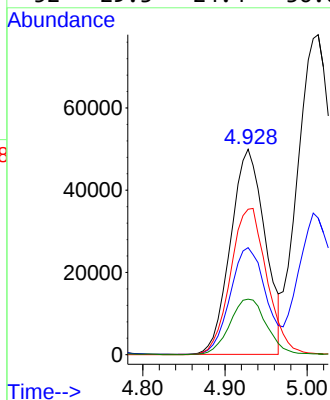
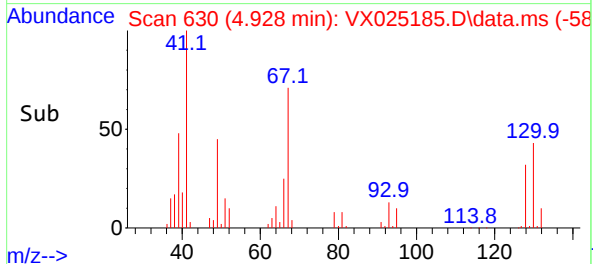
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 145880
Ion Ratio Lower Upper
41 100
39 54.9 44.6 67.0
67 75.5 56.7 85.1
52 29.3 24.4 36.6

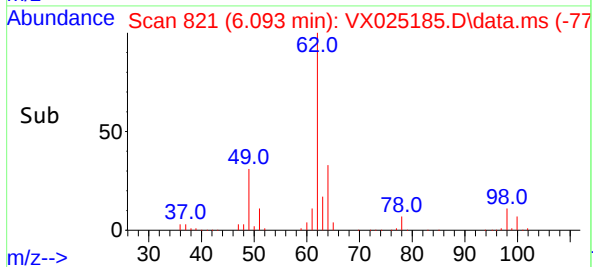
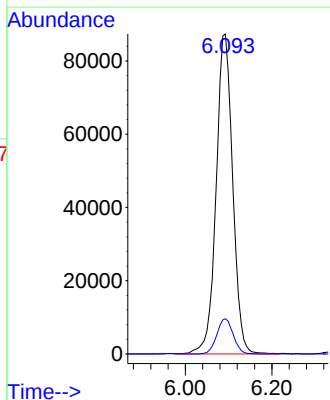
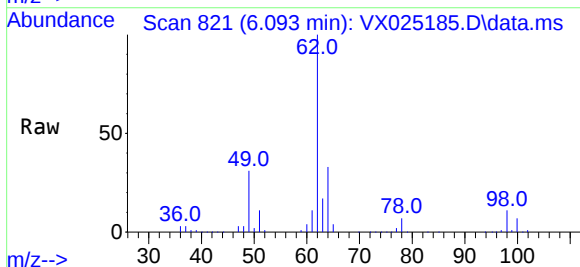
Manual Integrations
APPROVED

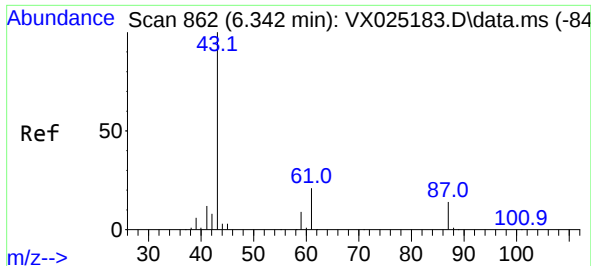
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 144.990 ug/l
RT: 6.093 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

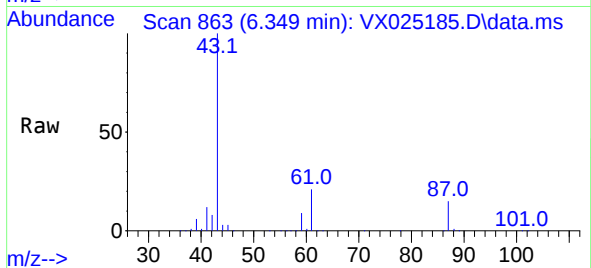
Tgt Ion: 62 Resp: 232814
Ion Ratio Lower Upper
62 100
98 10.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 143.297 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

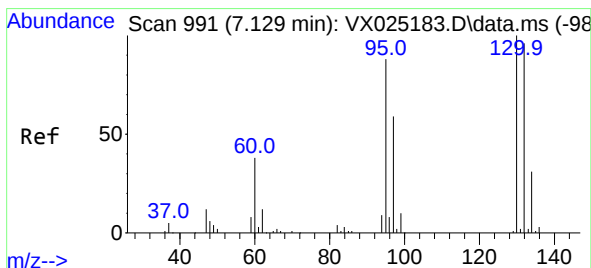
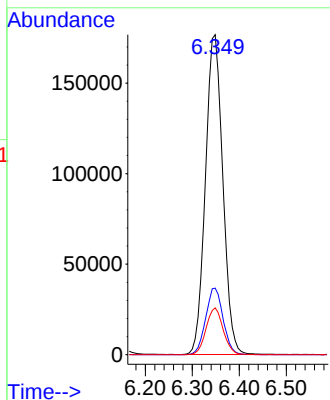
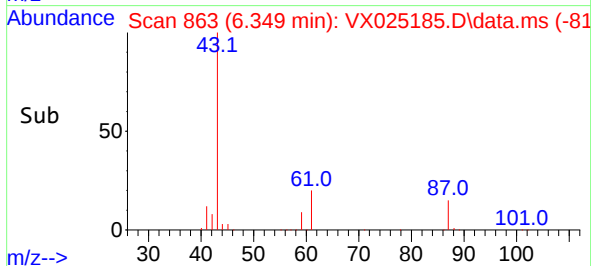
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



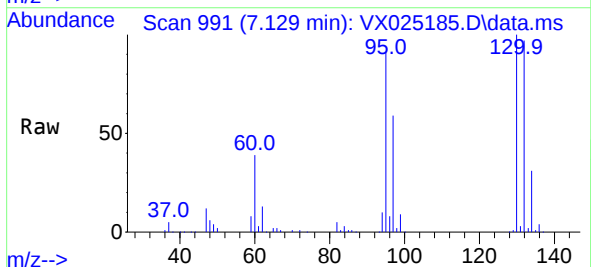
Tgt Ion: 43 Resp: 45413
Ion Ratio Lower Upper
43 100
61 20.8 15.3 22.9
87 14.4 10.9 16.3

Manual Integrations
APPROVED

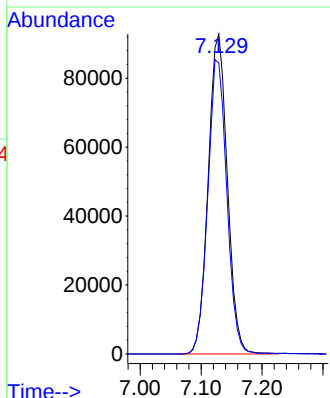
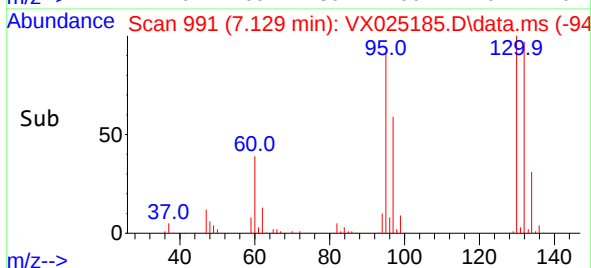
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

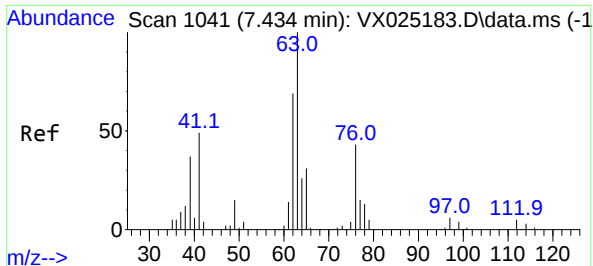


#44
Trichloroethene
Concen: 140.446 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion:130 Resp: 202695
Ion Ratio Lower Upper
130 100
95 90.9 0.0 196.8





#45

1,2-Dichloropropane

Concen: 145.377 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 180749

Ion Ratio Lower Upper

63 100

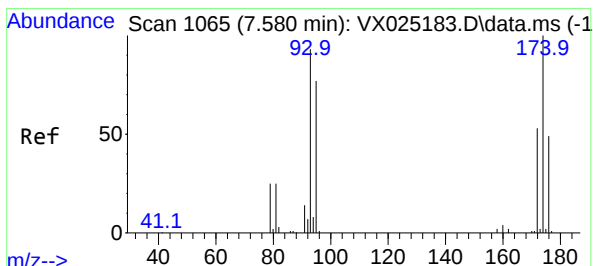
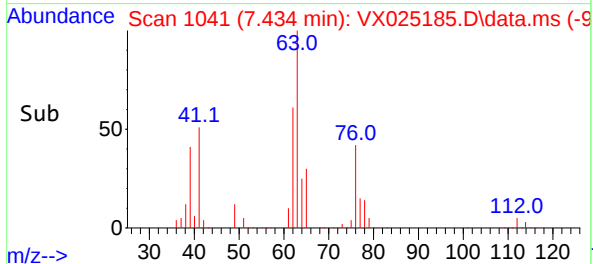
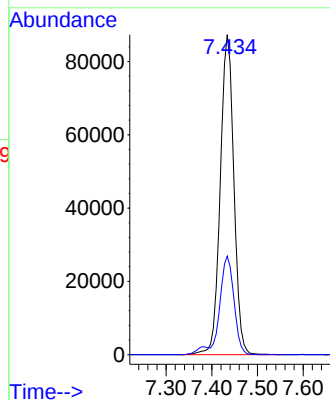
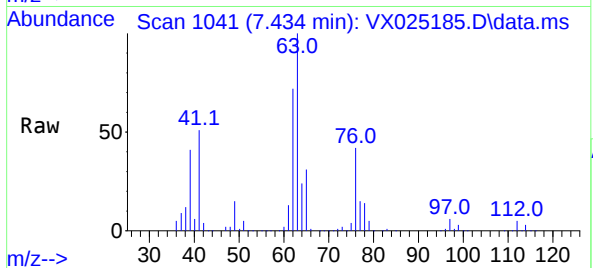
65 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 143.513 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

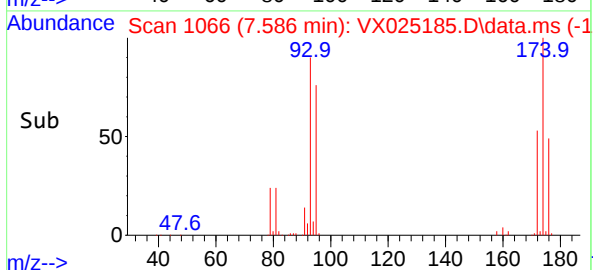
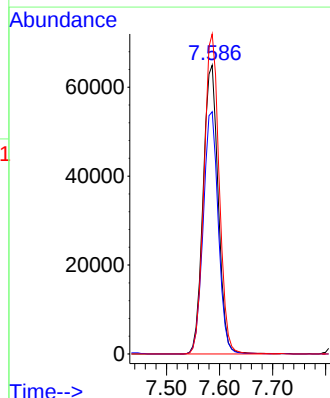
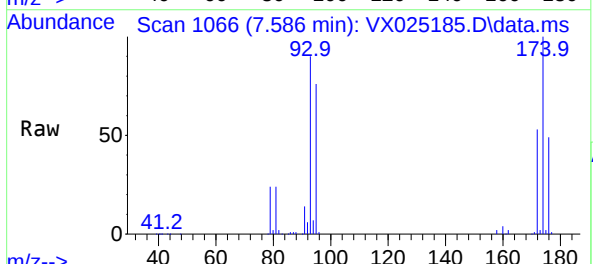
Tgt Ion: 93 Resp: 128344

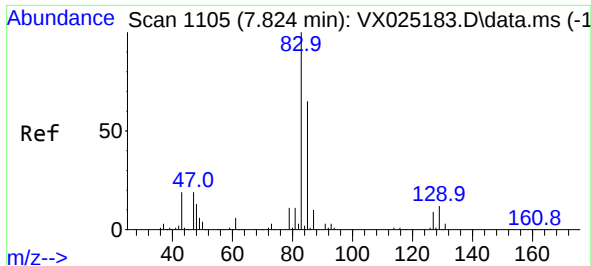
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 111.1 79.2 118.8





#47
Bromodichloromethane
Concen: 147.446 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

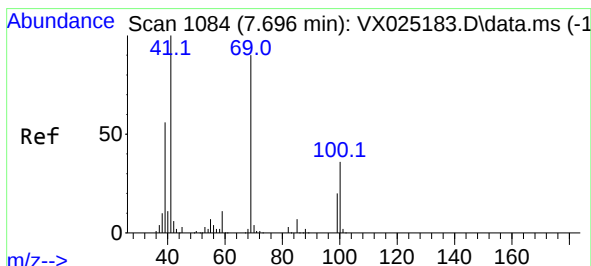
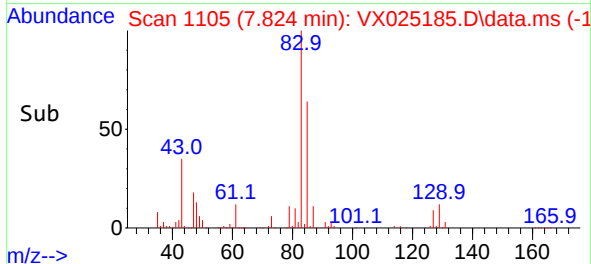
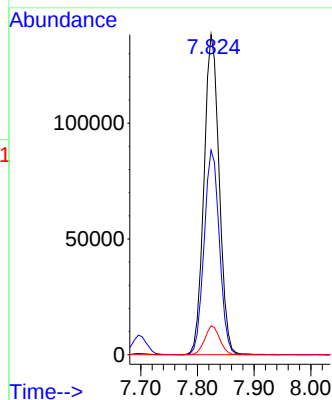
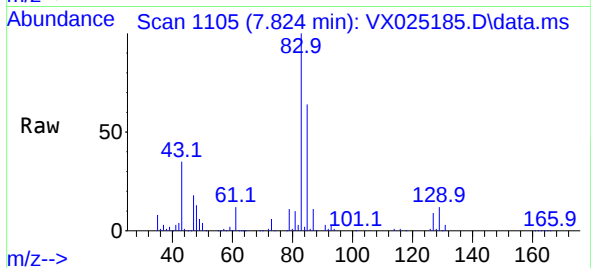
VSTDICC150

Tgt Ion: 83 Resp: 25776
Ion Ratio Lower Upper
83 100
85 63.9 53.5 80.3
127 9.1 7.7 11.5

Manual Integrations

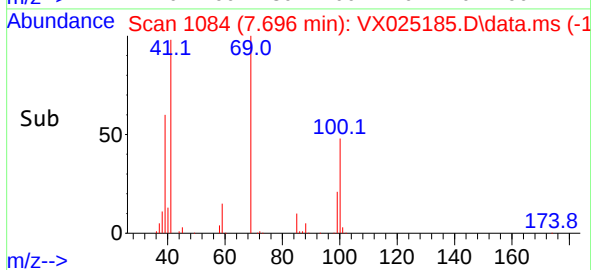
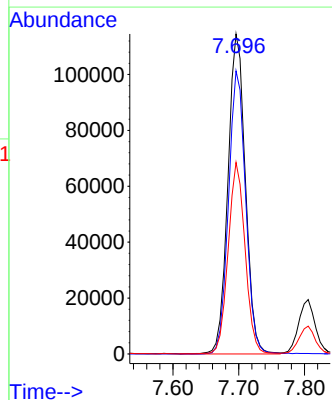
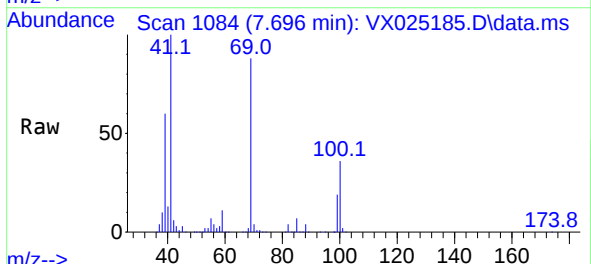
APPROVED

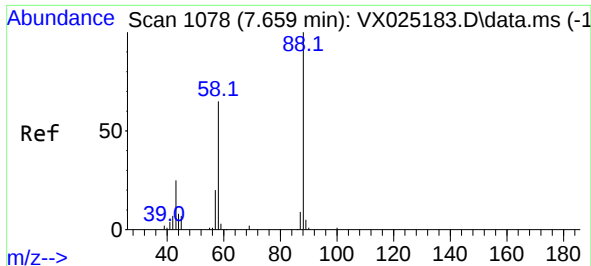
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 143.824 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

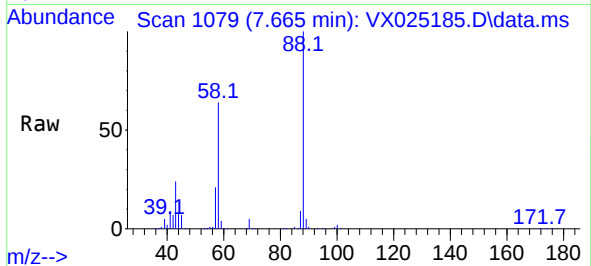
Tgt Ion: 41 Resp: 211355
Ion Ratio Lower Upper
41 100
69 86.9 64.5 96.7
39 57.9 46.9 70.3





#49
1,4-Dioxane
Concen: 2748.836 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

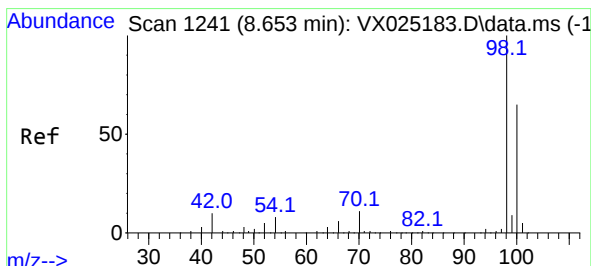
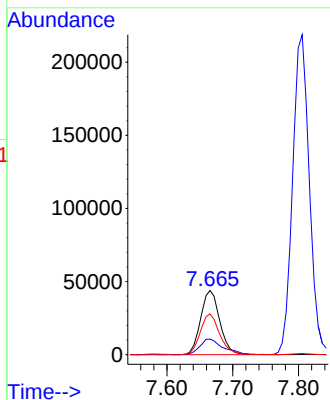
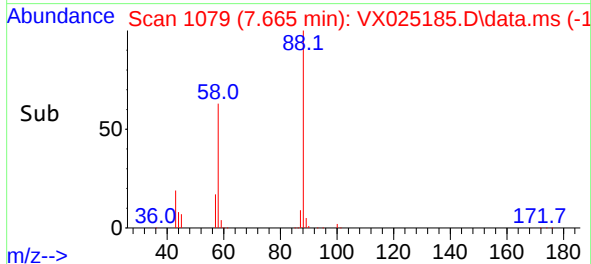
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 88409
Ion Ratio Lower Upper
88 100
43 29.9 27.0 40.6
58 64.9 55.2 82.8

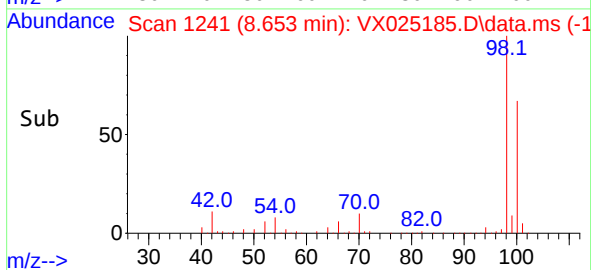
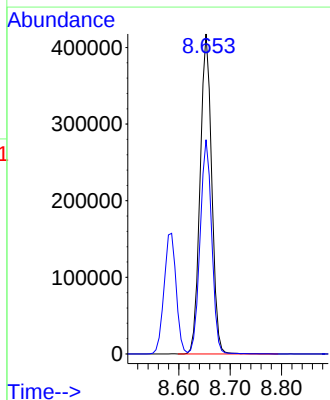
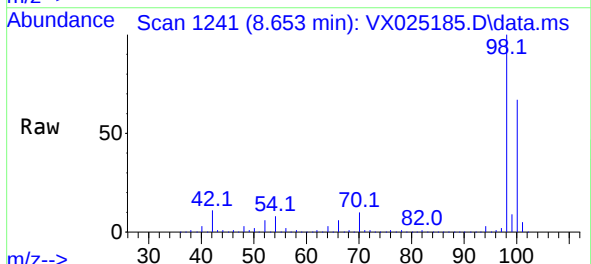
Manual Integrations
APPROVED

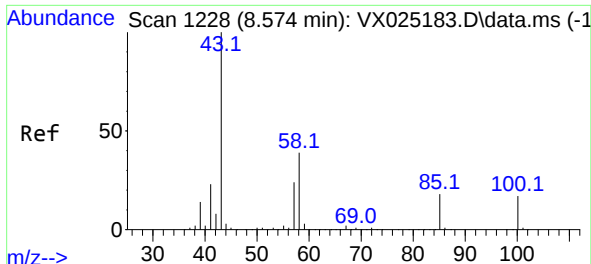
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 151.865 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 98 Resp: 653185
Ion Ratio Lower Upper
98 100
100 67.0 51.4 77.0





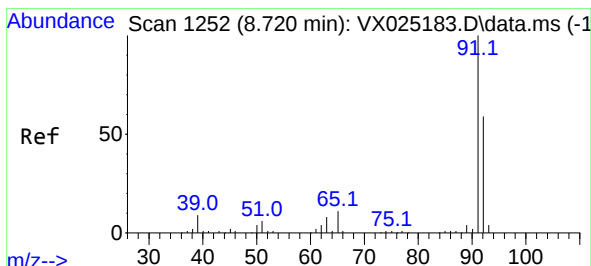
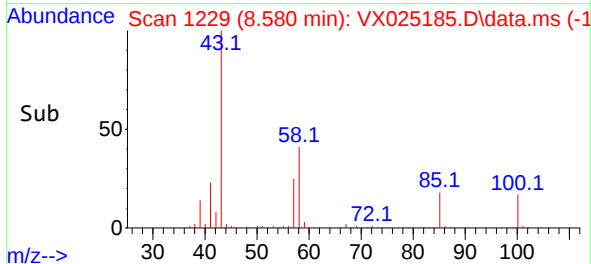
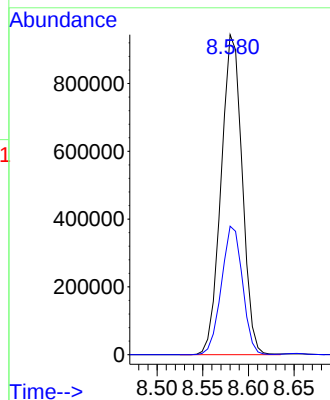
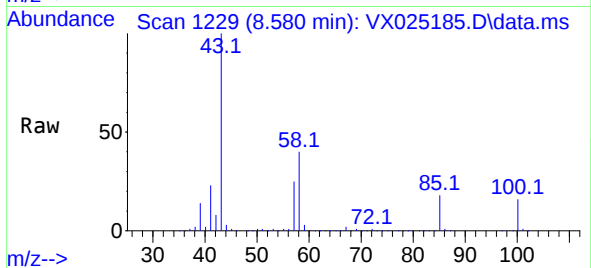
#51
4-Methyl-2-Pentanone
Concen: 758.395 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 151814
Ion Ratio Lower Upper
43 100
58 40.1 30.9 46.3

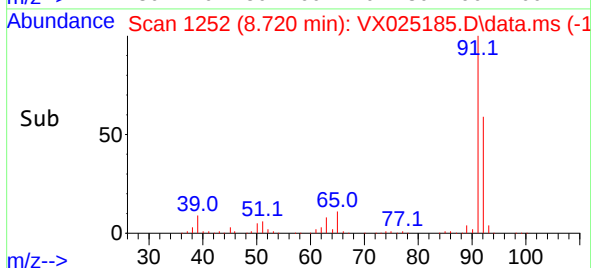
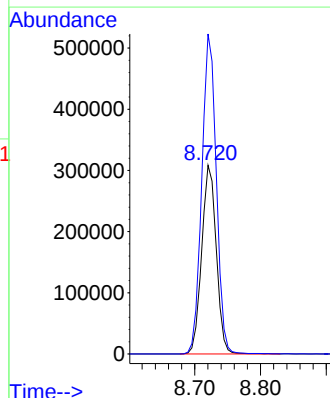
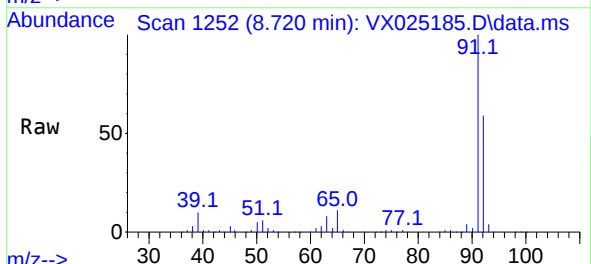
Manual Integrations
APPROVED

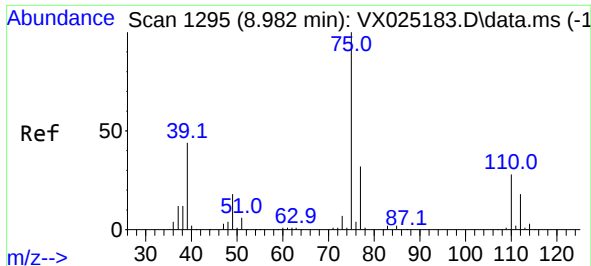
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 144.879 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 92 Resp: 474684
Ion Ratio Lower Upper
92 100
91 169.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 154.295 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 303458

Ion Ratio Lower Upper

75 100

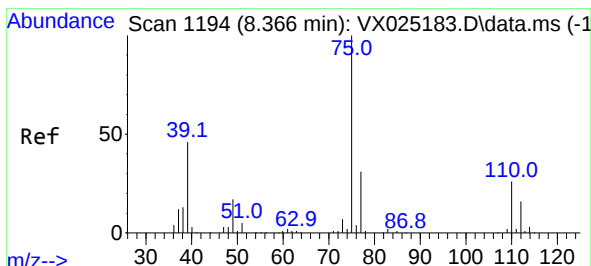
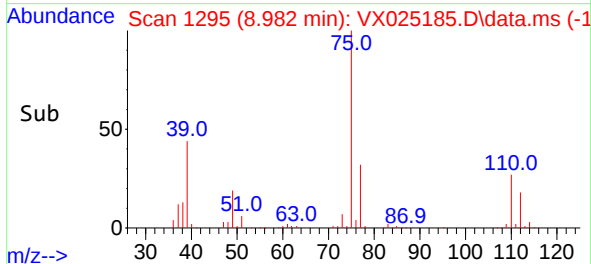
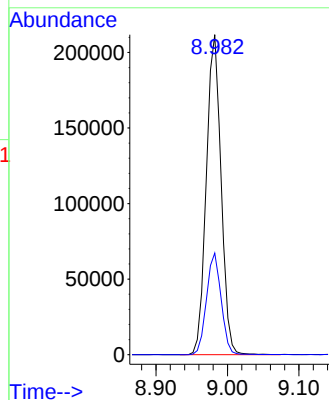
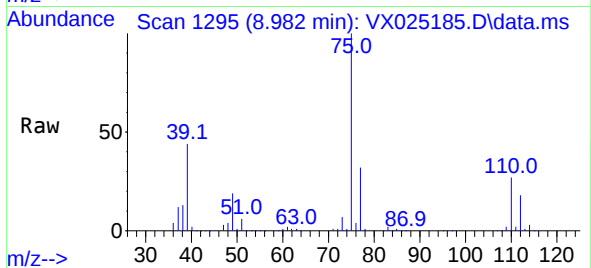
77 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#54

cis-1,3-Dichloropropene

Concen: 150.700 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

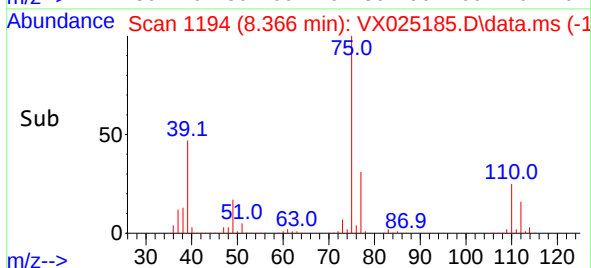
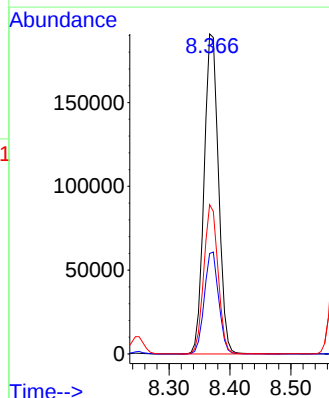
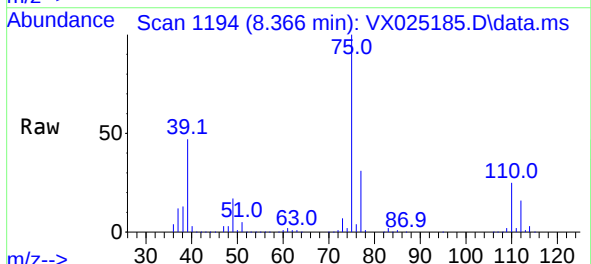
Tgt Ion: 75 Resp: 314772

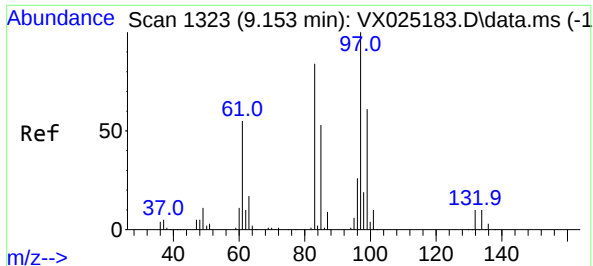
Ion Ratio Lower Upper

75 100

77 31.4 23.8 35.8

39 46.6 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 148.346 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

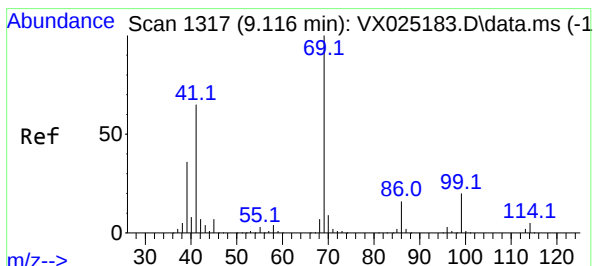
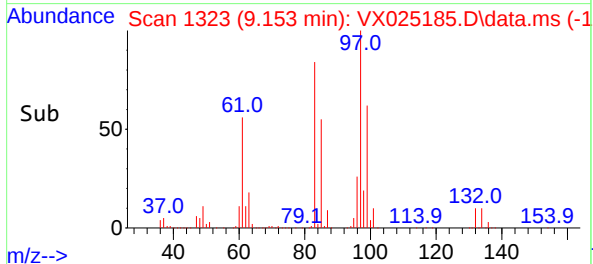
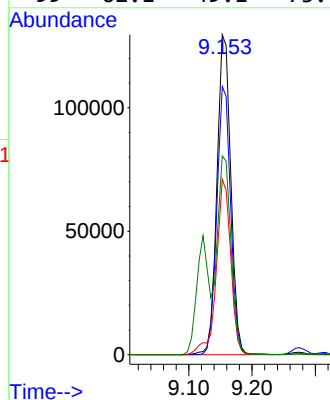
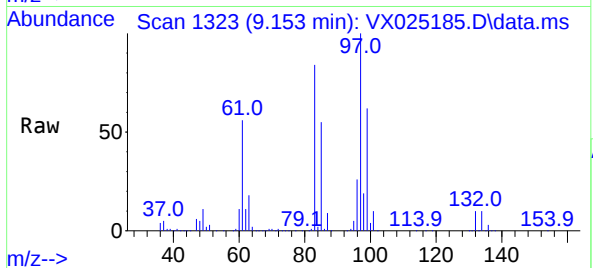
VSTDIC150

Tgt Ion: 97 Resp: 196708
Ion Ratio Lower Upper
97 100
83 83.8 69.2 103.8
85 54.8 43.3 64.9
99 62.1 49.1 73.7

Manual Integrations

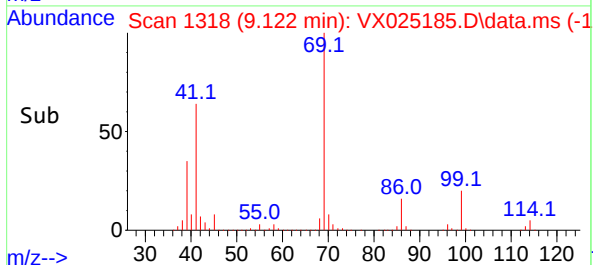
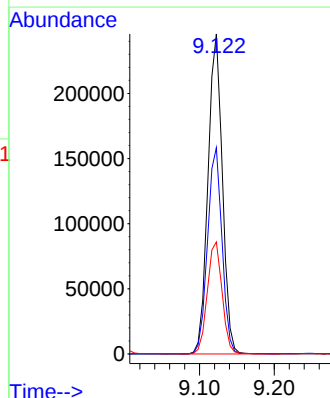
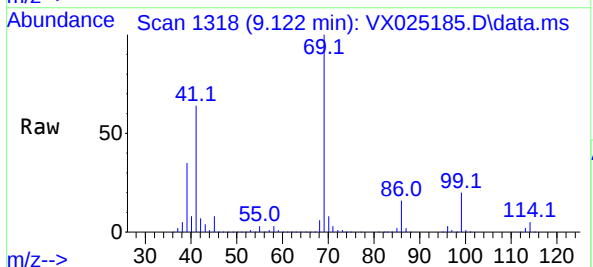
APPROVED

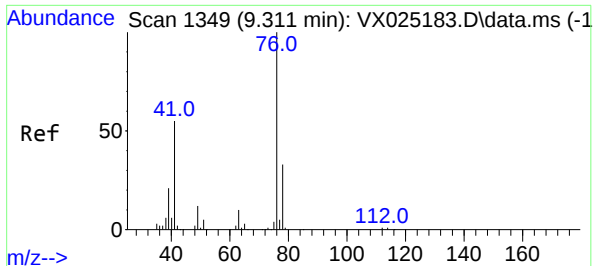
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 156.801 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 69 Resp: 328476
Ion Ratio Lower Upper
69 100
41 64.6 55.3 82.9
39 35.8 30.2 45.4





#57

1,3-Dichloropropane

Concen: 149.850 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 319800

Ion Ratio Lower Upper

76 100

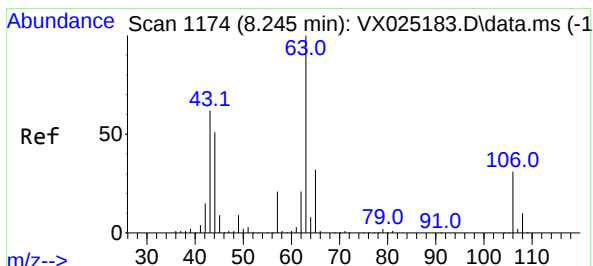
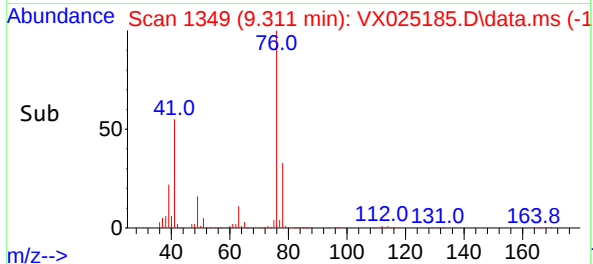
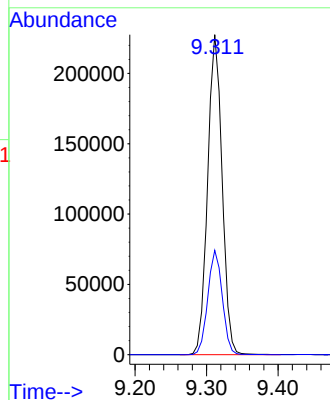
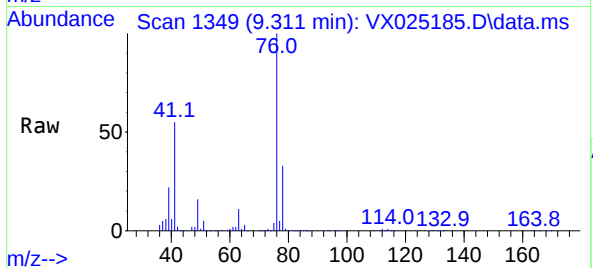
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 849.769 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX025185.D

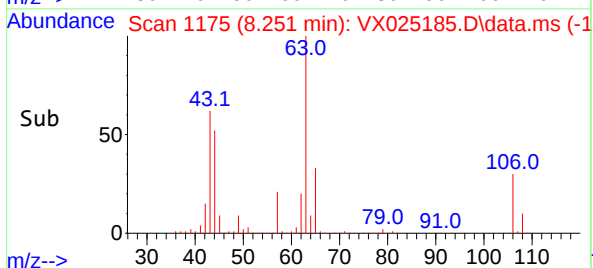
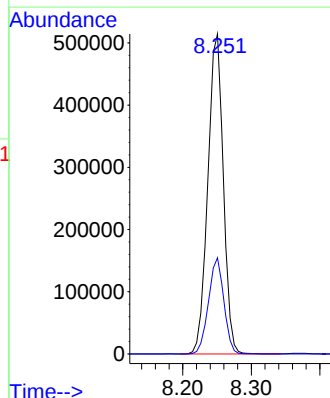
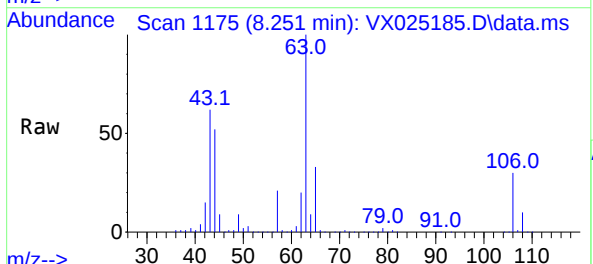
Acq: 17 Nov 2021 12:28

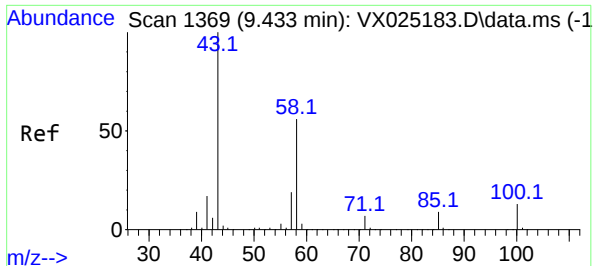
Tgt Ion: 63 Resp: 806704

Ion Ratio Lower Upper

63 100

106 29.9 22.8 34.2





#59

2-Hexanone

Concen: 757.353 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 118474

Ion Ratio Lower Upper

43 100

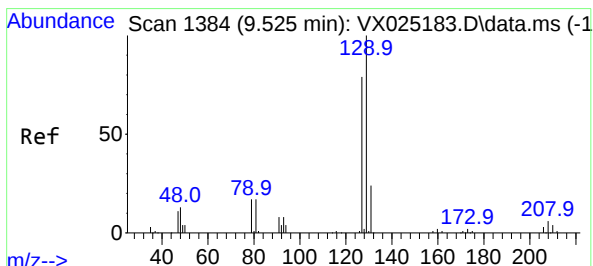
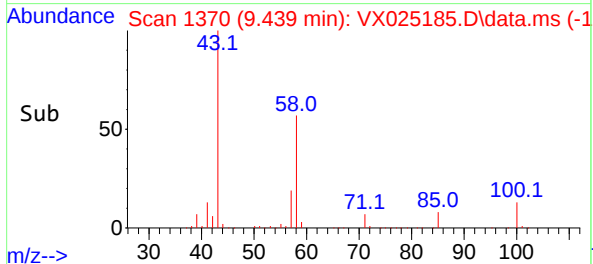
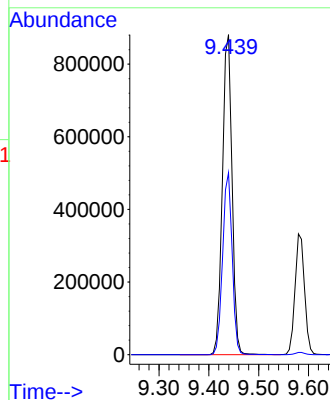
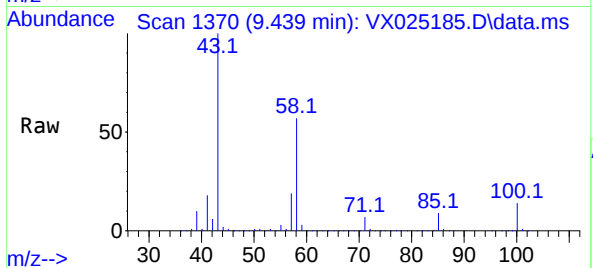
58 56.1 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#60

Dibromochloromethane

Concen: 152.788 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025185.D

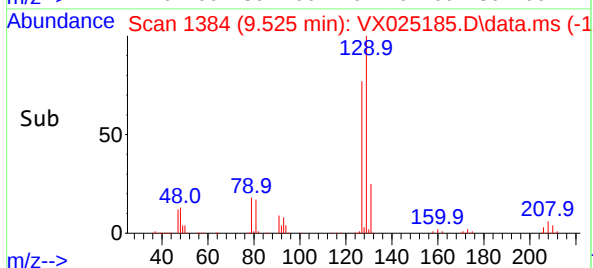
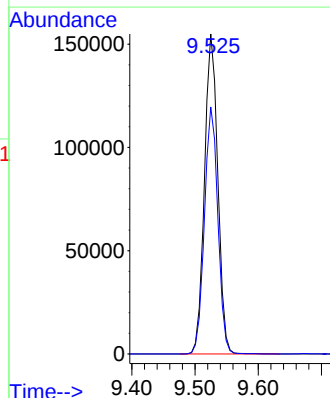
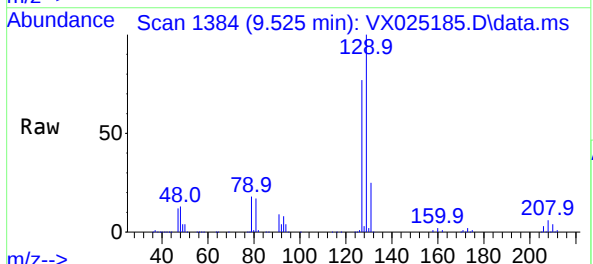
Acq: 17 Nov 2021 12:28

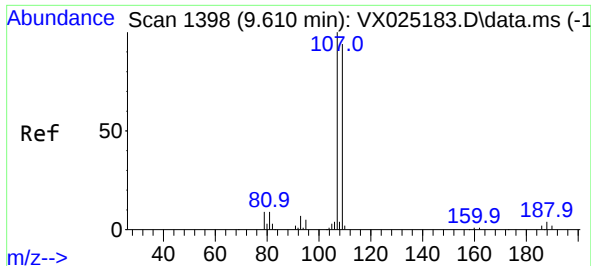
Tgt Ion:129 Resp: 227305

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5





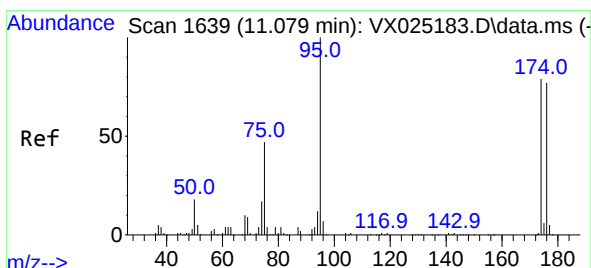
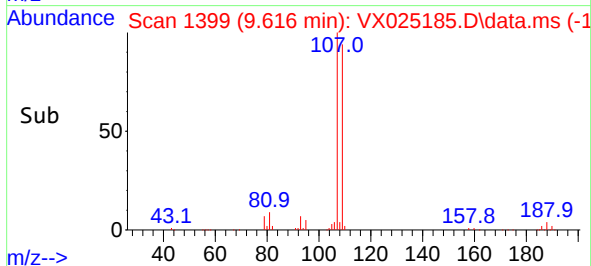
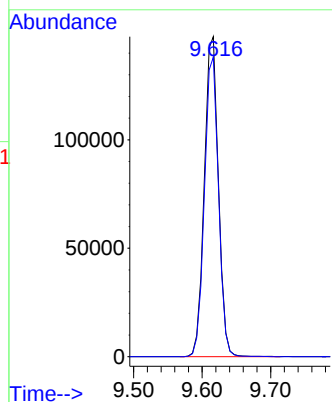
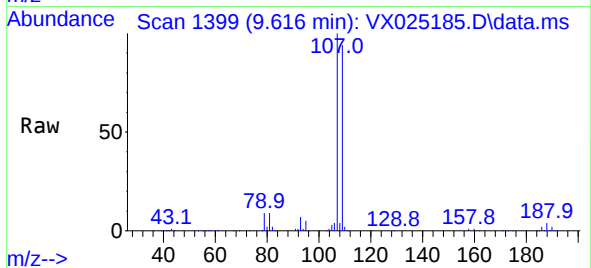
#61
1,2-Dibromoethane
Concen: 151.502 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 211334
Ion Ratio Lower Upper
107 100
109 93.6 74.4 111.6

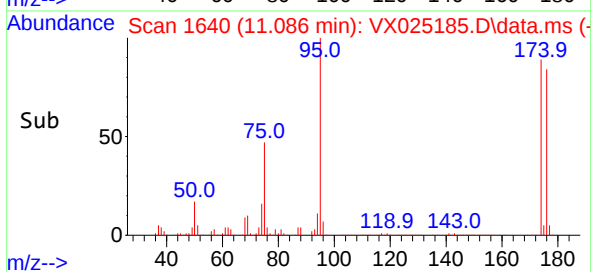
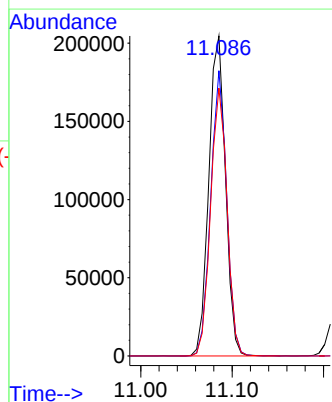
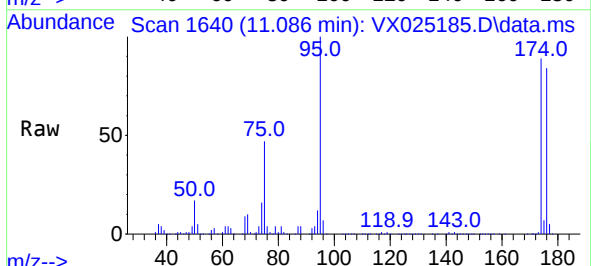
Manual Integrations
APPROVED

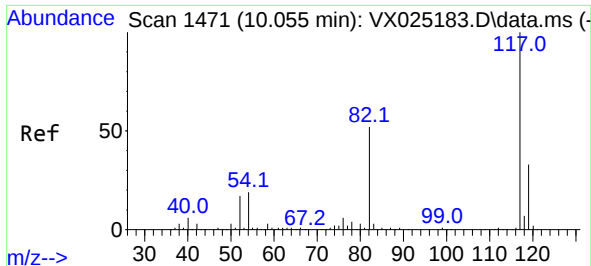
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 159.826 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

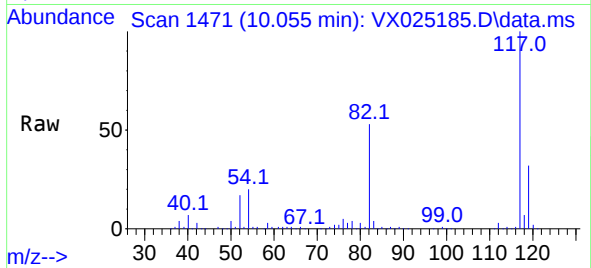
Tgt Ion: 95 Resp: 258361
Ion Ratio Lower Upper
95 100
174 85.7 0.0 158.0
176 82.7 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

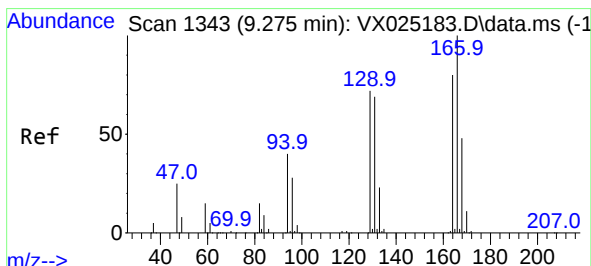
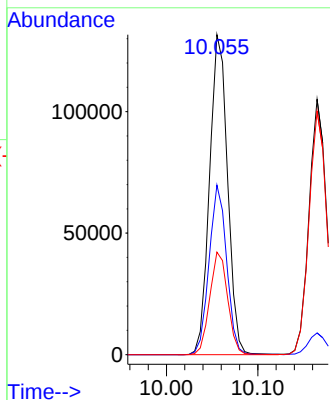
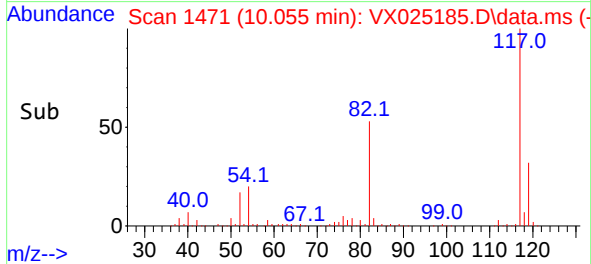
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



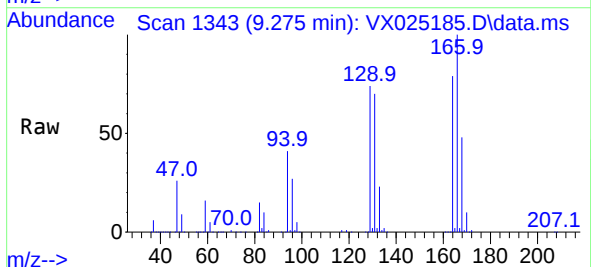
Tgt Ion:117 Resp: 180698
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.0 24.8 37.2

Manual Integrations
APPROVED

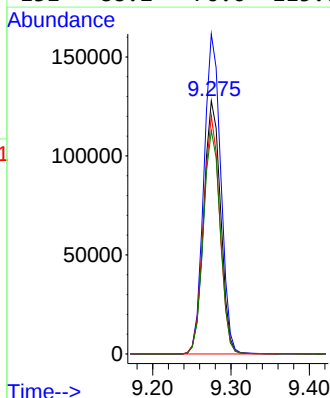
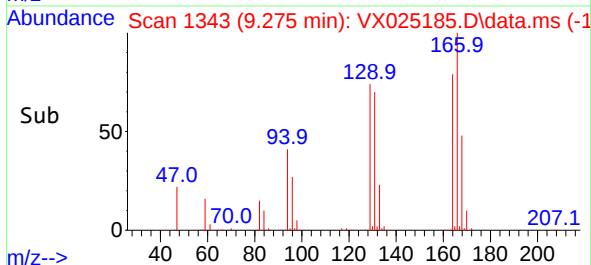
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

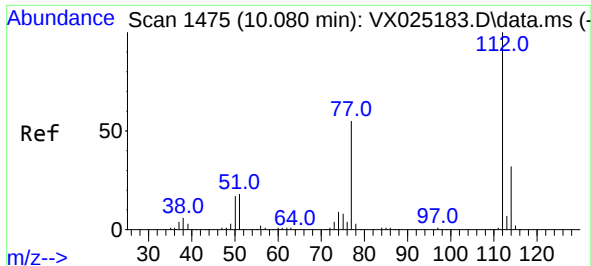


#64
Tetrachloroethene
Concen: 124.730 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion:164 Resp: 190544
Ion Ratio Lower Upper
164 100
166 126.4 103.2 154.8
129 94.1 81.0 121.4
131 88.2 76.6 115.0





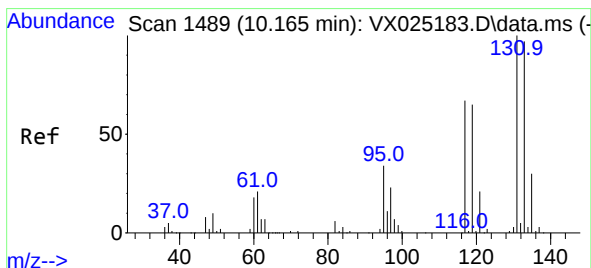
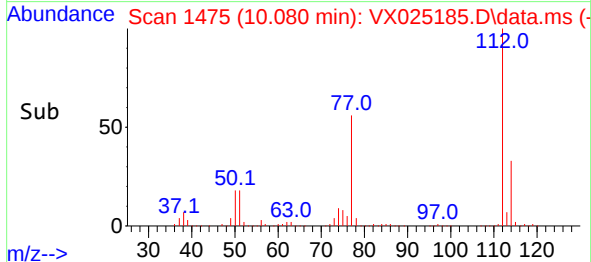
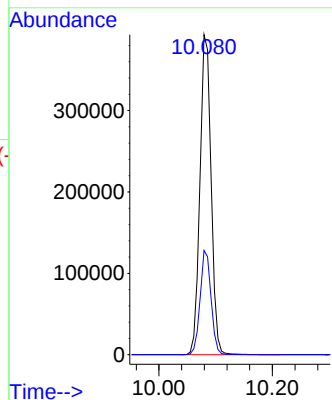
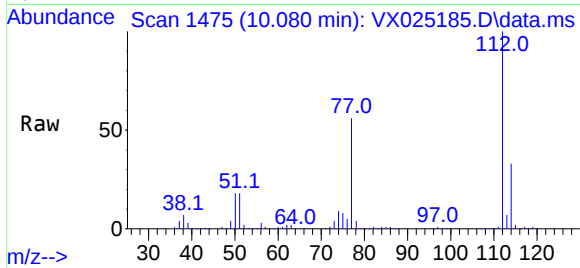
#65
Chlorobenzene
Concen: 142.190 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 535064
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

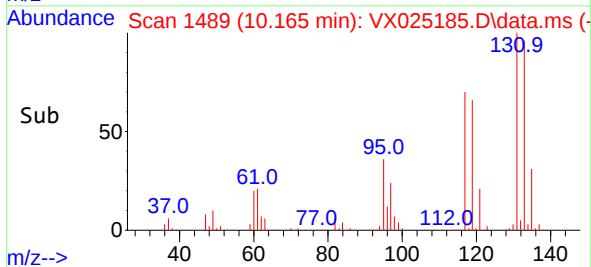
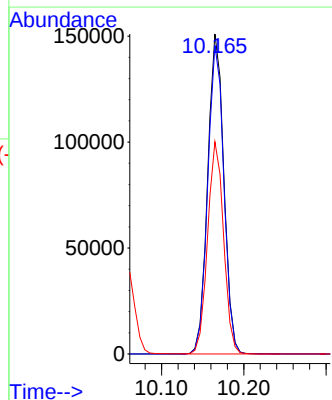
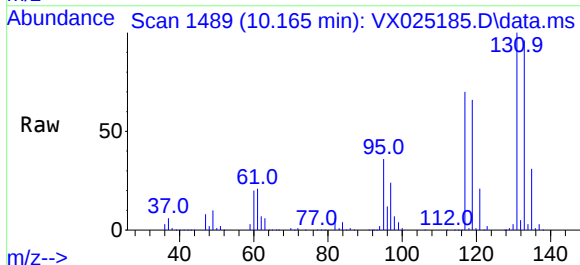
Manual Integrations
APPROVED

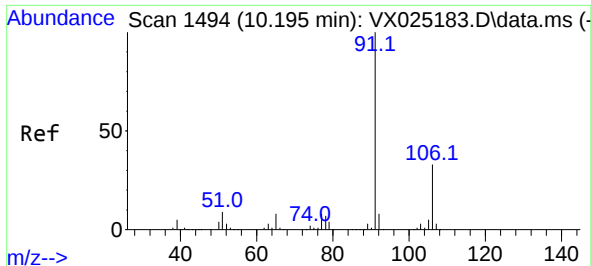
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 140.784 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

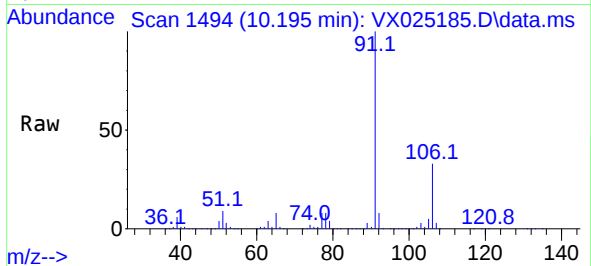
Tgt Ion:131 Resp: 206024
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 65.7 32.0 96.0





#67
Ethyl Benzene
Concen: 139.262 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

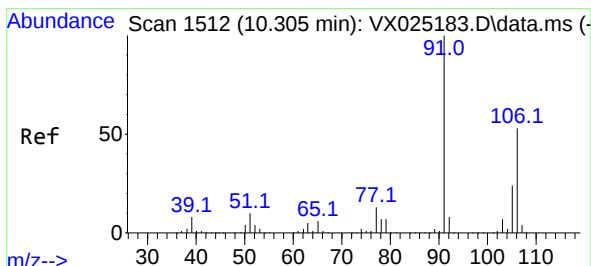
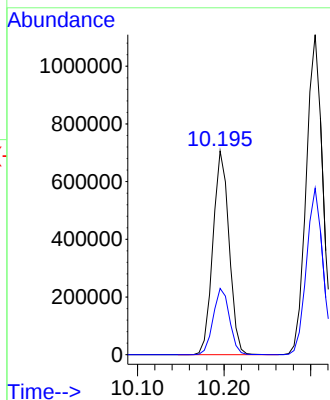
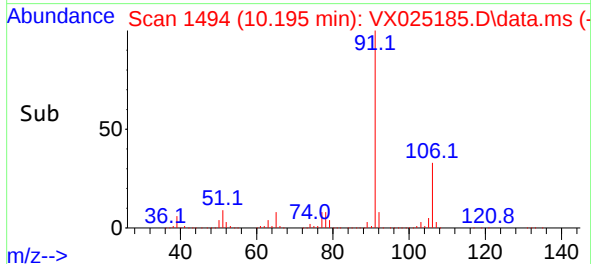
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 915259
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1

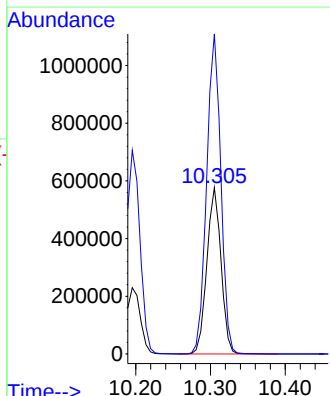
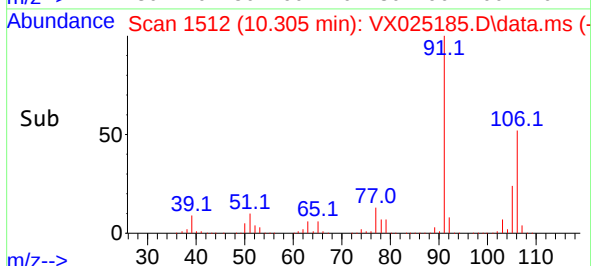
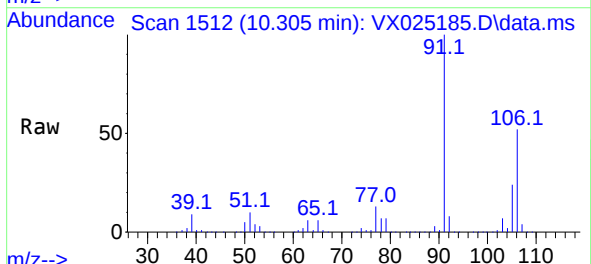
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 285.605 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion:106 Resp: 756302
Ion Ratio Lower Upper
106 100
91 193.2 163.4 245.0





#69
o-Xylene
Concen: 142.611 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

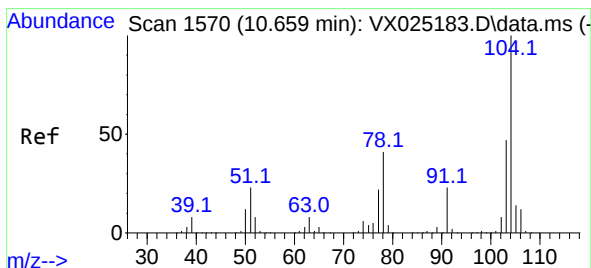
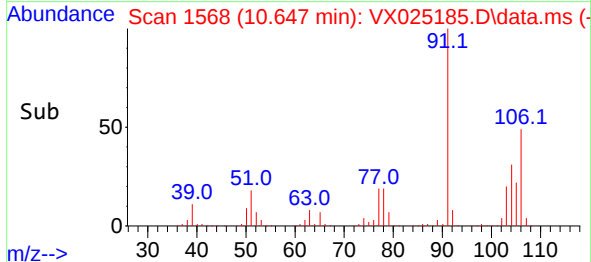
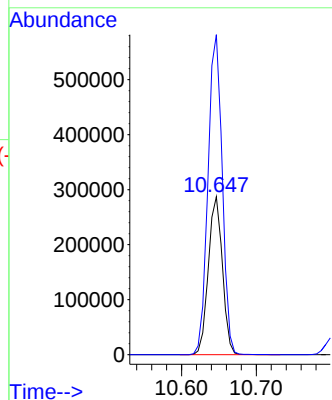
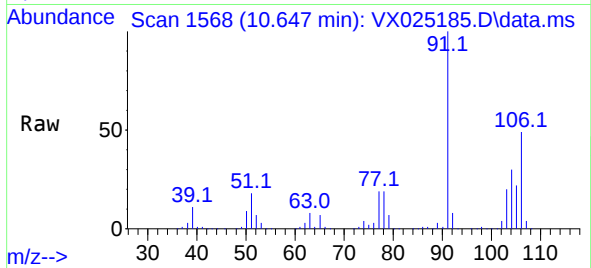
VSTDICC150

Tgt Ion:106 Resp: 374315
Ion Ratio Lower Upper
106 100
91 205.2 109.5 328.4

Manual Integrations

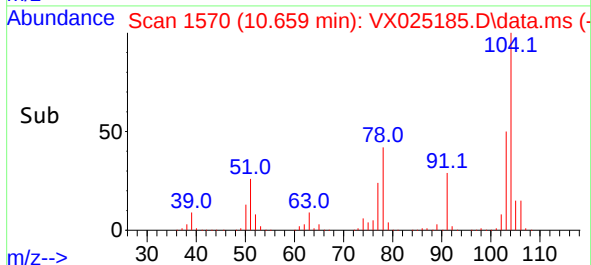
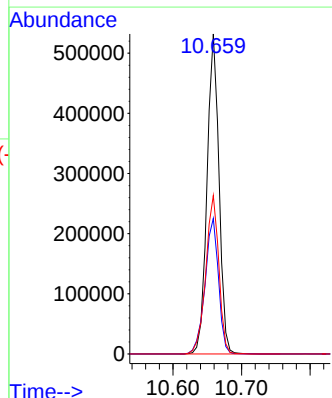
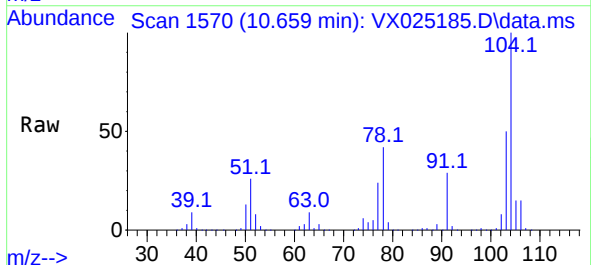
APPROVED

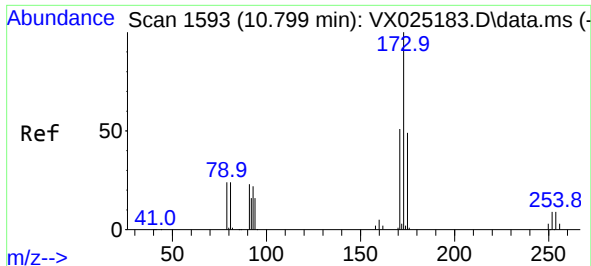
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 149.189 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

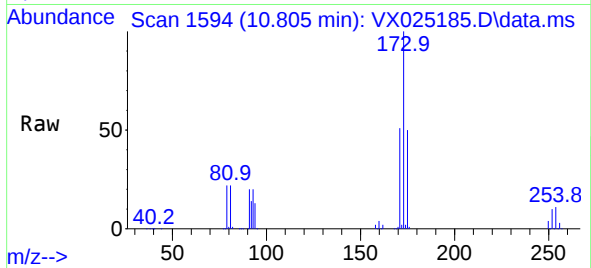
Tgt Ion:104 Resp: 646025
Ion Ratio Lower Upper
104 100
78 47.6 41.3 61.9
103 54.3 43.5 65.3





#71
Bromoform
Concen: 145.254 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

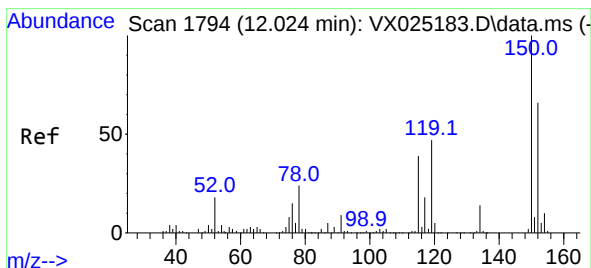
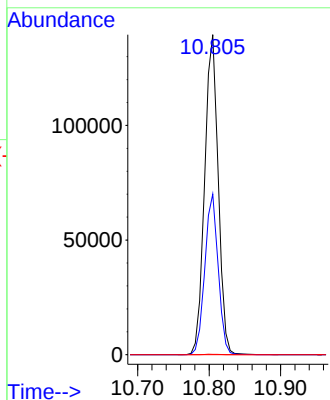
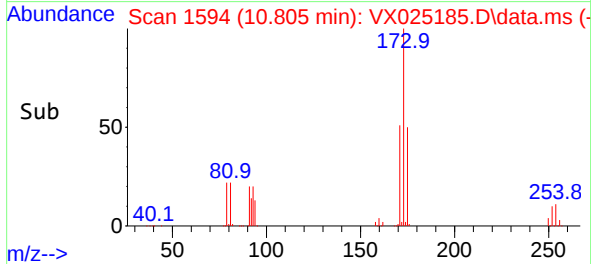
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



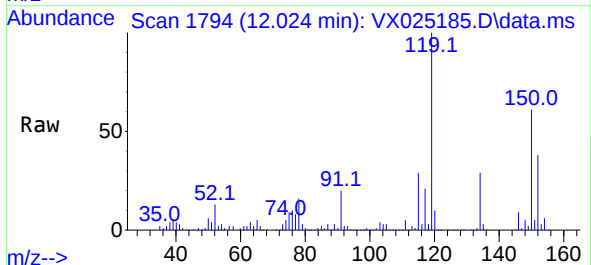
Tgt Ion:173 Resp: 18415
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

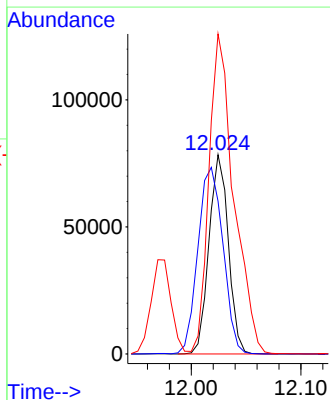
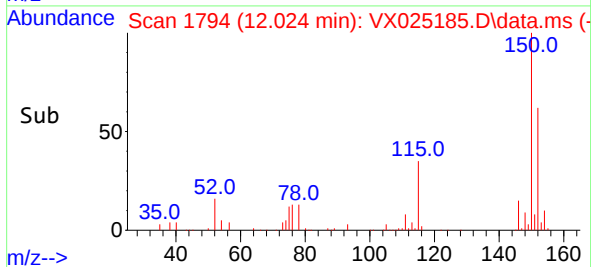
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

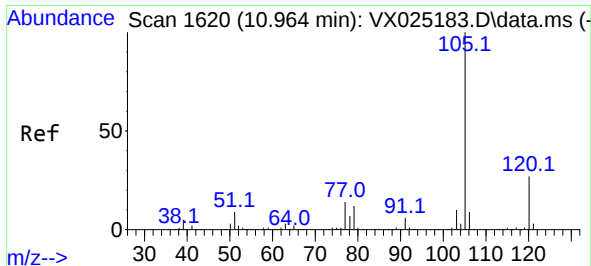


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion:152 Resp: 95953
Ion Ratio Lower Upper
152 100
115 122.1 43.3 129.8
150 207.5 0.0 351.2





#73
Isopropylbenzene
Concen: 134.349 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

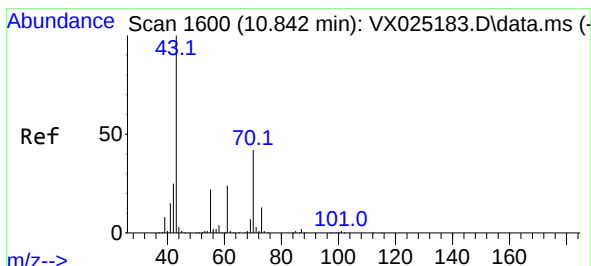
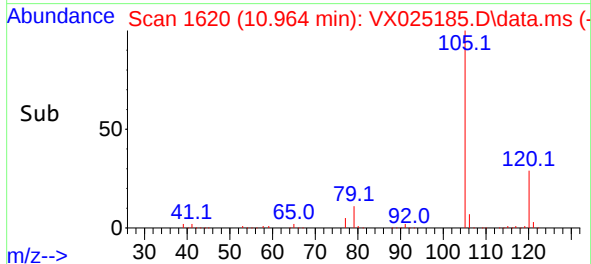
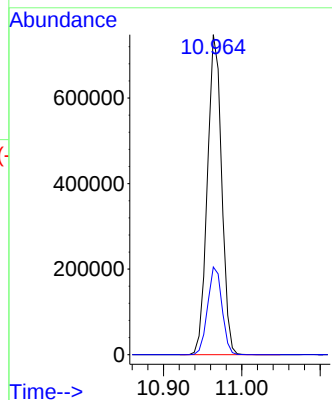
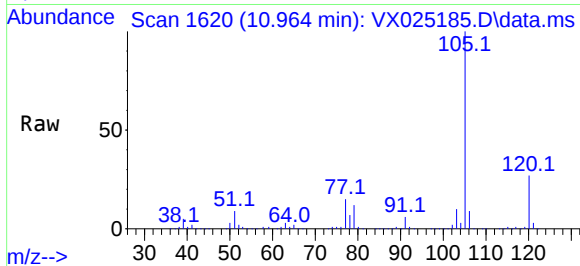
VSTDIC150

Tgt Ion:105 Resp: 941300
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.8

Manual Integrations

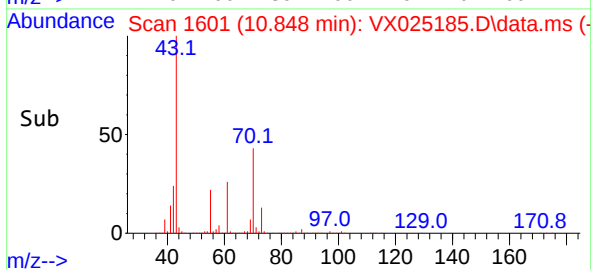
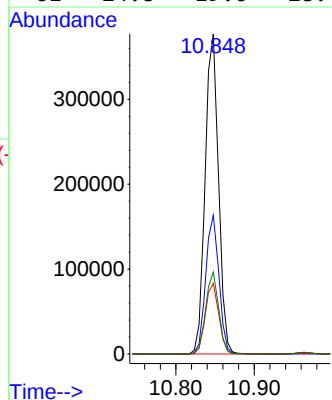
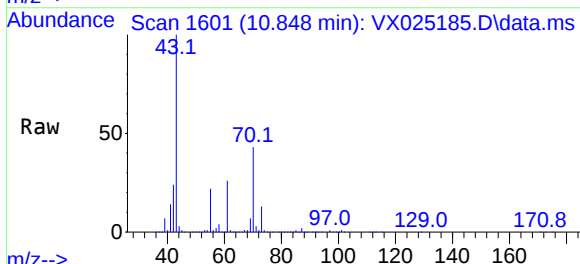
APPROVED

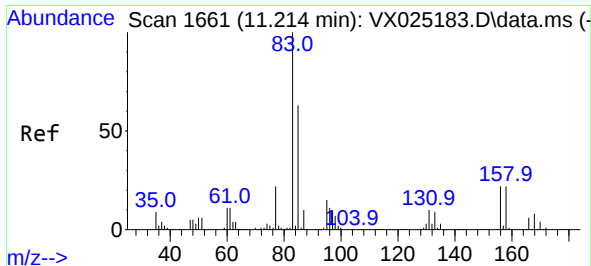
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 146.080 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion: 43 Resp: 445677
Ion Ratio Lower Upper
43 100
70 42.9 33.7 50.5
55 22.2 19.7 29.5
61 24.8 19.0 28.4





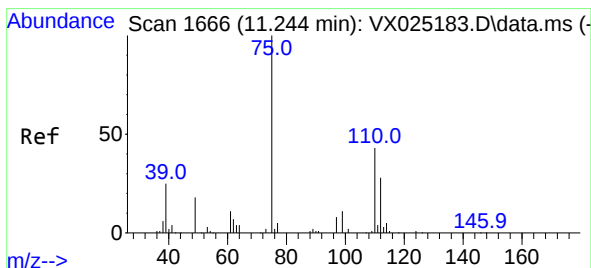
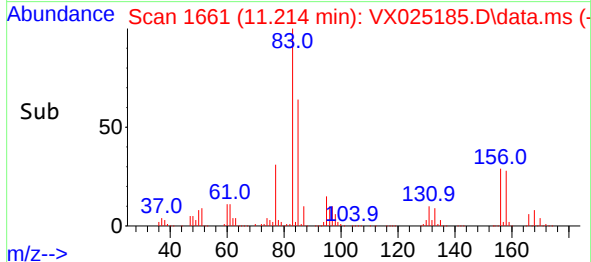
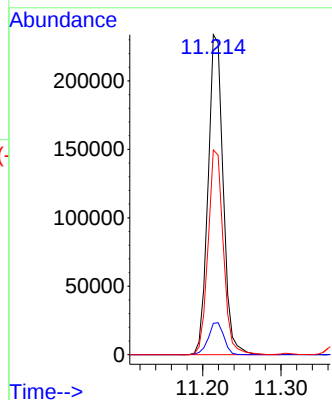
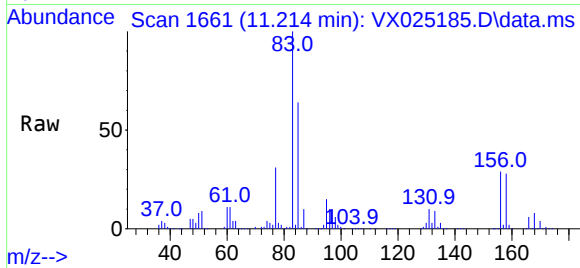
#75
1,1,2,2-Tetrachloroethane
Concen: 138.564 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 312488
Ion Ratio Lower Upper
83 100
131 10.3 5.3 16.1
85 64.4 32.3 96.9

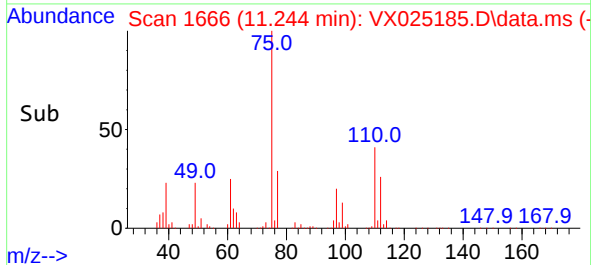
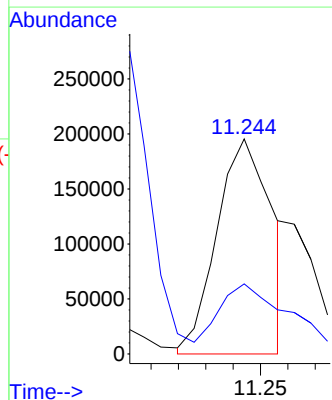
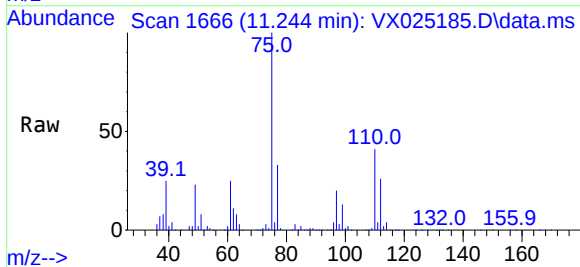
Manual Integrations
APPROVED

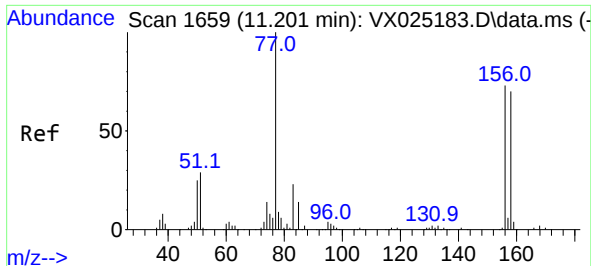
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 135.149 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

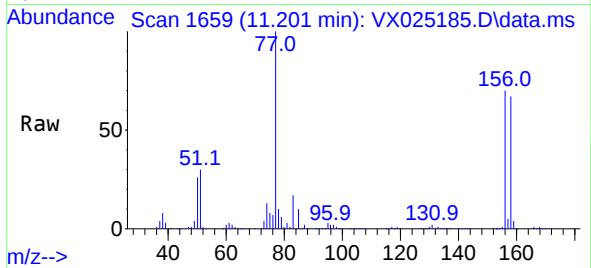
Tgt Ion: 75 Resp: 271618
Ion Ratio Lower Upper
75 100
77 42.7 20.0 59.9





#77
Bromobenzene
Concen: 136.341 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

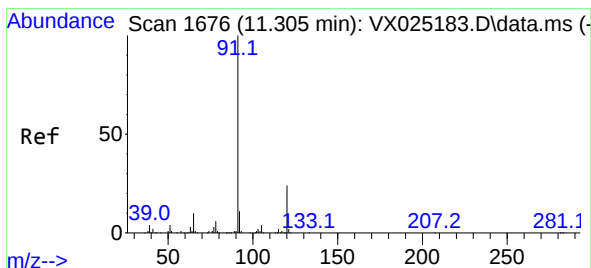
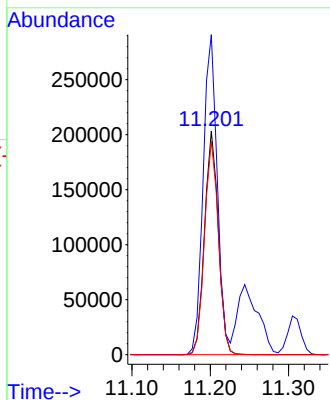
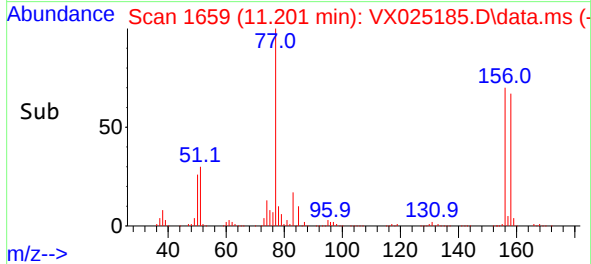
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



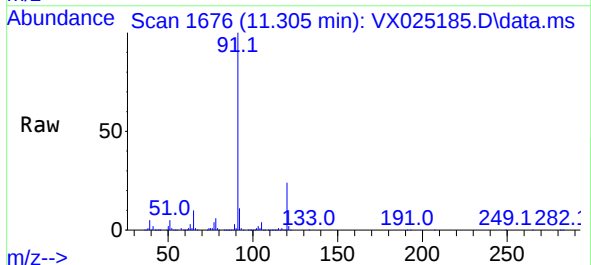
Tgt Ion:156 Resp: 24786
Ion Ratio Lower Upper
156 100
77 146.5 78.3 234.8
158 96.3 48.9 146.6

Manual Integrations
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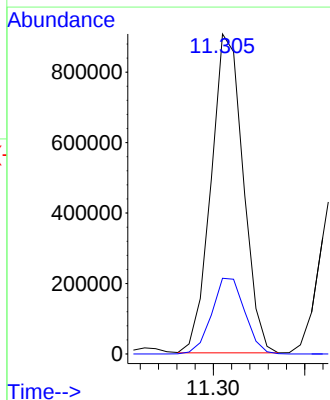
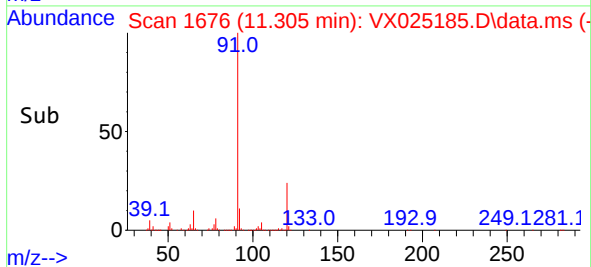
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

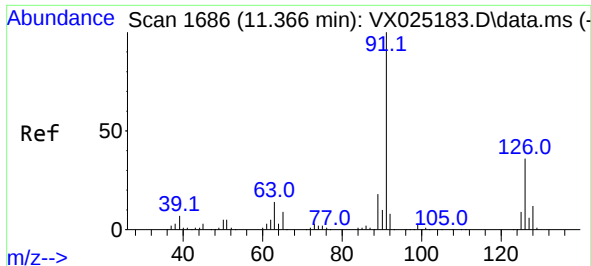


#78
n-propylbenzene
Concen: 140.110 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion: 91 Resp: 1105572
Ion Ratio Lower Upper
91 100
120 24.5 11.7 35.0





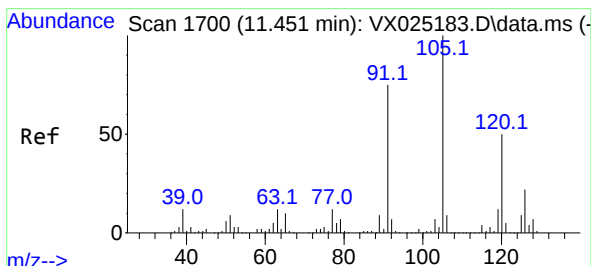
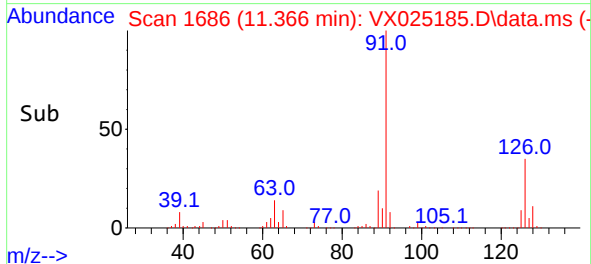
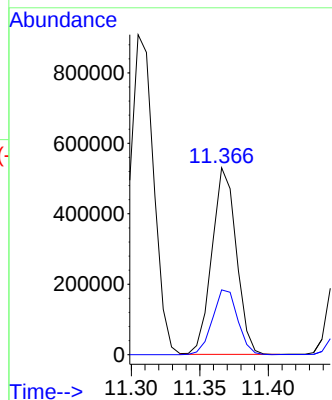
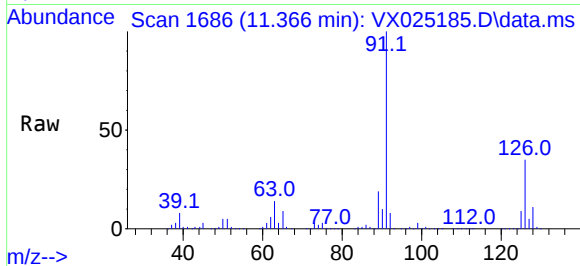
#79
2-Chlorotoluene
Concen: 137.299 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 654340
Ion Ratio Lower Upper
91 100
126 36.0 17.0 50.9

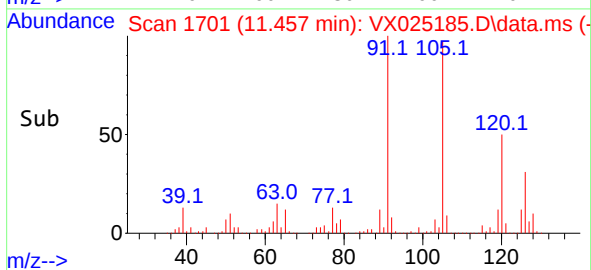
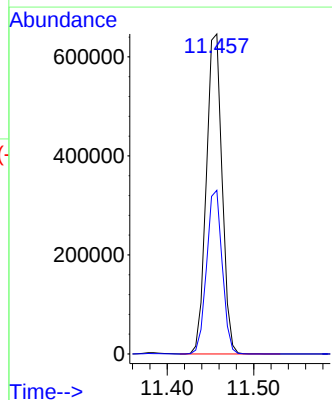
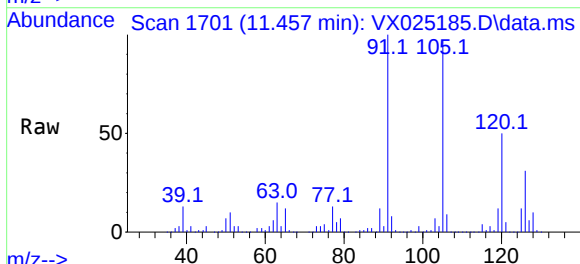
Manual Integrations
APPROVED

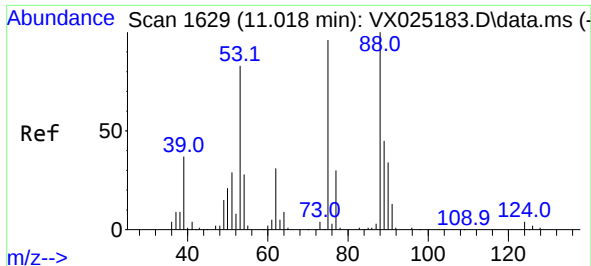
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 138.831 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion:105 Resp: 815580
Ion Ratio Lower Upper
105 100
120 50.7 23.8 71.5





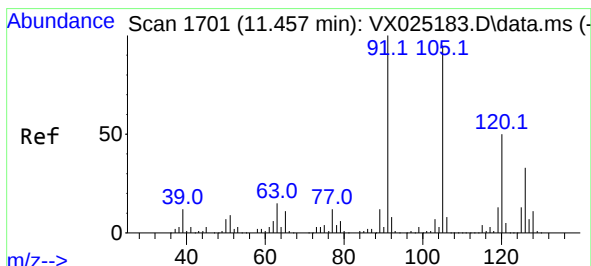
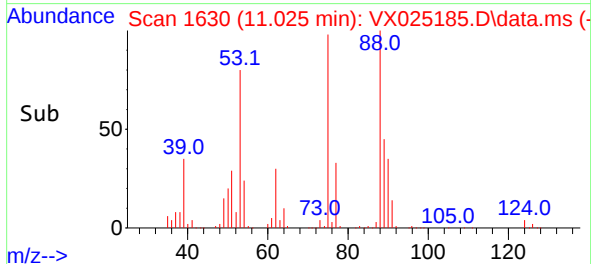
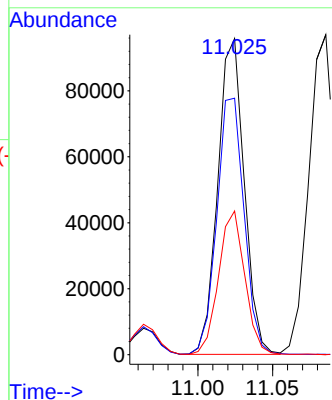
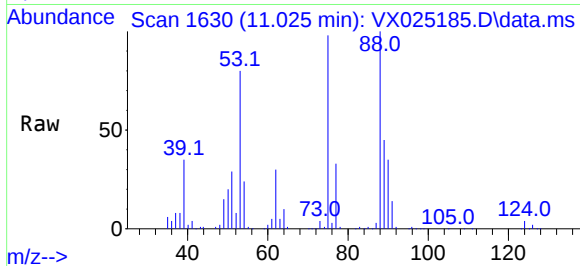
#81
trans-1,4-Dichloro-2-butene
Concen: 144.553 ug/l
RT: 11.025 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 11772
Ion Ratio Lower Upper
75 100
53 84.0 81.9 122.9
89 45.4 38.2 57.2

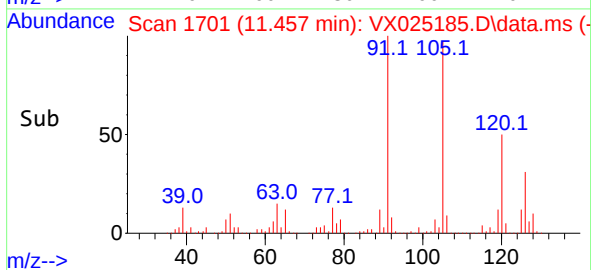
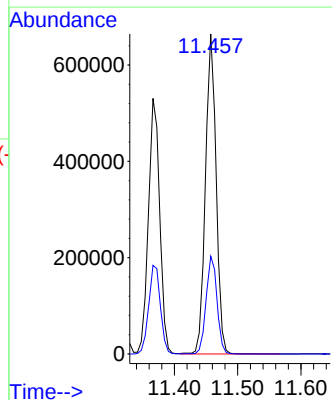
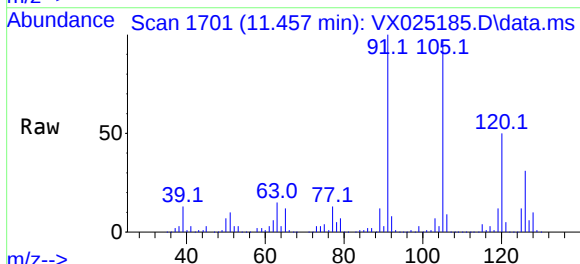
Manual Integrations
APPROVED

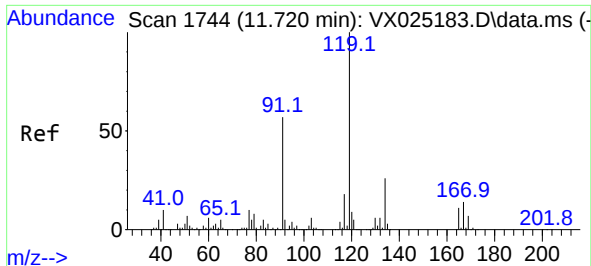
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 142.059 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

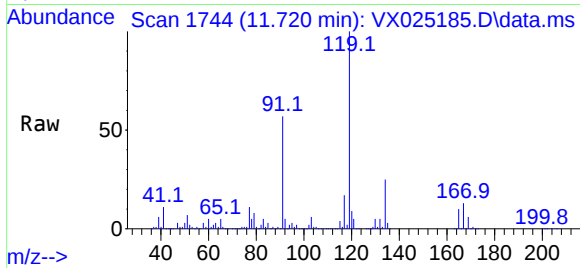
Tgt Ion: 91 Resp: 781134
Ion Ratio Lower Upper
91 100
126 31.2 14.9 44.5





#83
tert-Butylbenzene
Concen: 133.821 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

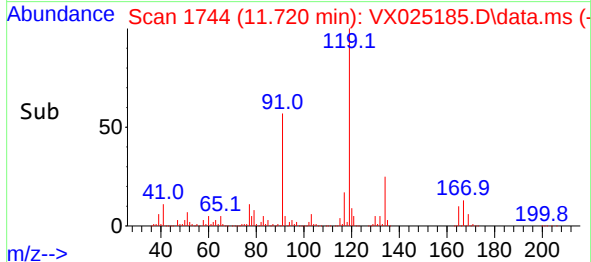
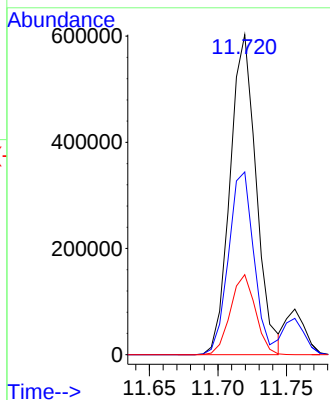
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 799838
Ion Ratio Lower Upper
119 100
91 55.2 30.3 90.9
134 23.9 11.4 34.1

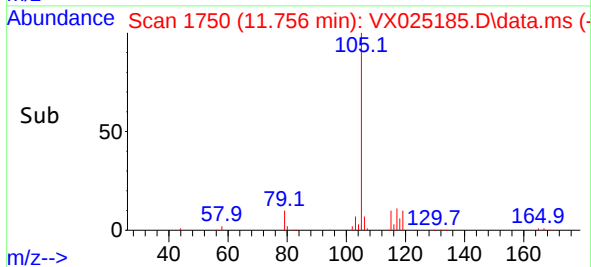
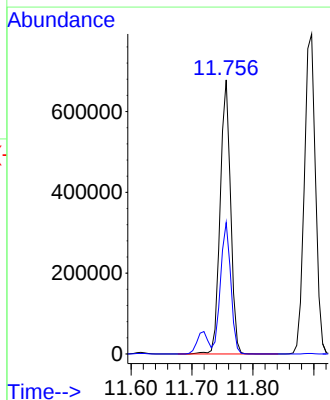
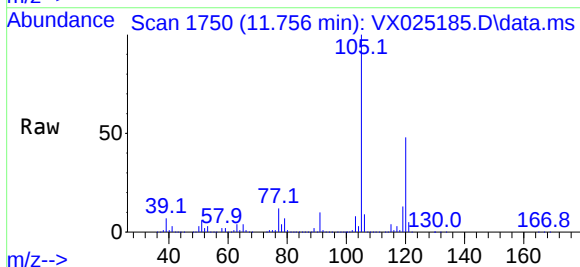
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 136.222 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion:105 Resp: 802774
Ion Ratio Lower Upper
105 100
120 47.3 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 135.951 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX025185.D
 Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

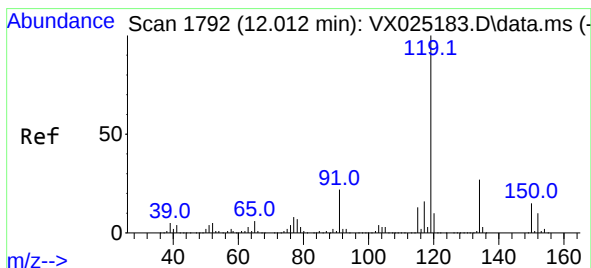
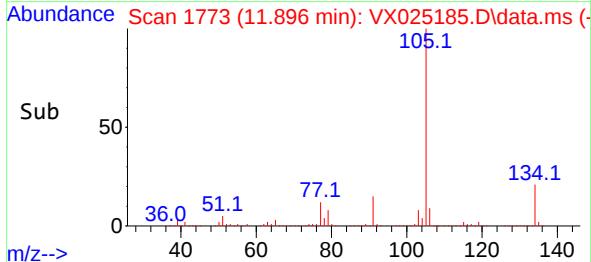
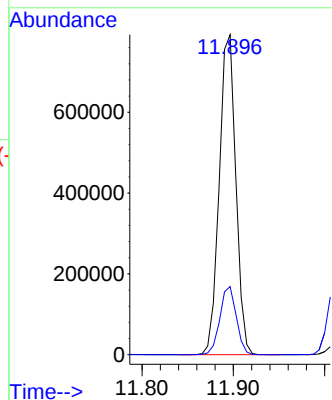
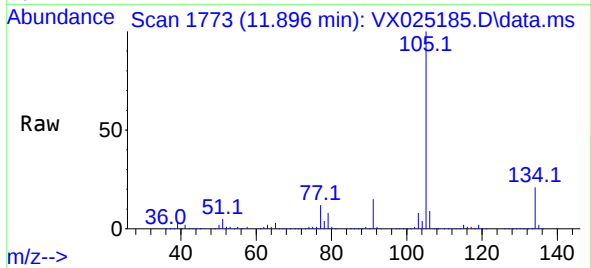
VSTDICC150

Tgt Ion:105 Resp: 998550
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

Manual Integrations

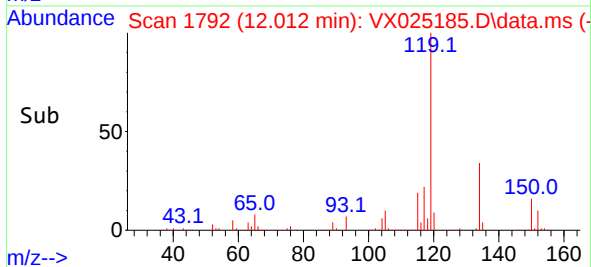
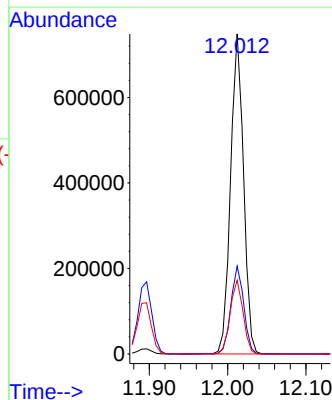
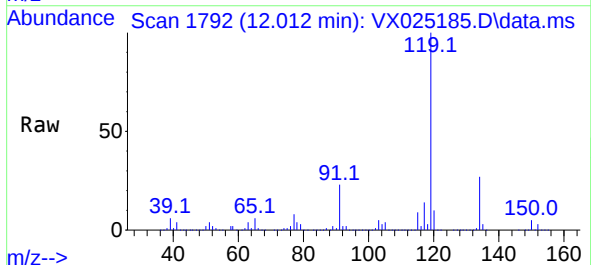
APPROVED

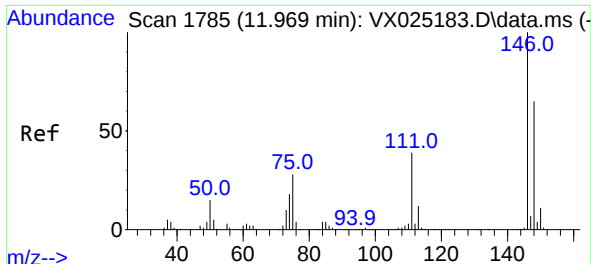
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 137.846 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025185.D
 Acq: 17 Nov 2021 12:28

Tgt Ion:119 Resp: 861219
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.5
 91 22.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 139.590 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 46568

Ion Ratio Lower Upper

146 100

111 38.5 20.6 61.9

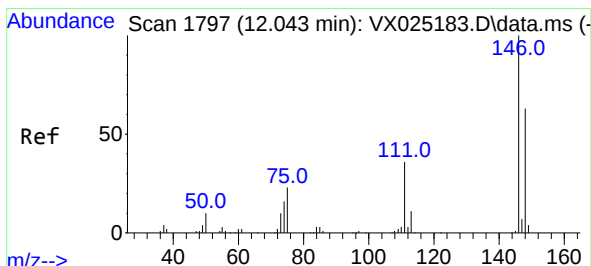
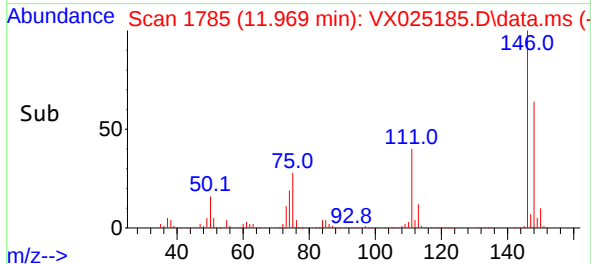
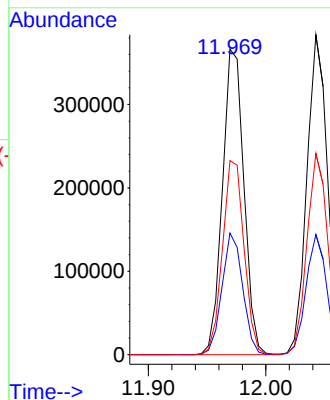
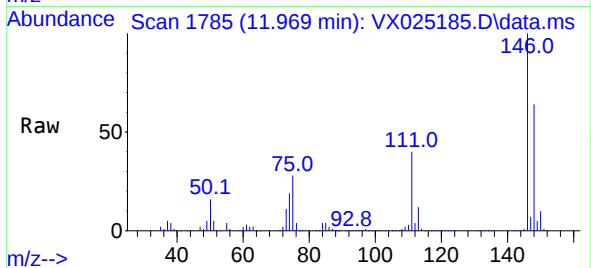
148 63.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 140.092 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX025185.D

Acq: 17 Nov 2021 12:28

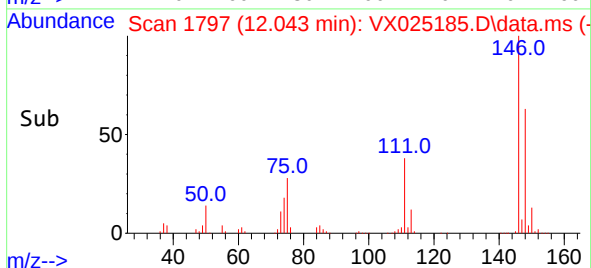
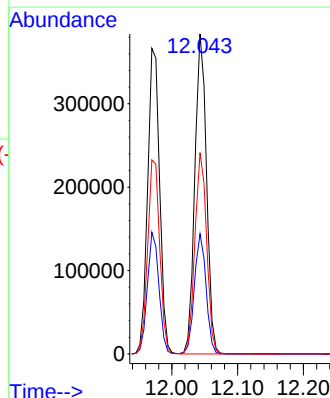
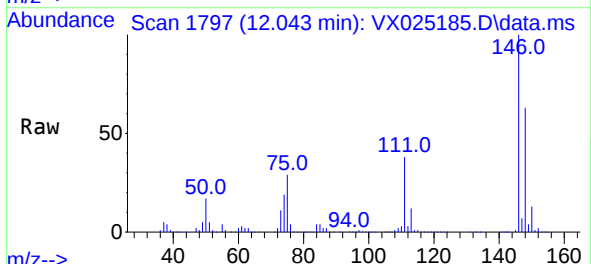
Tgt Ion:146 Resp: 469792

Ion Ratio Lower Upper

146 100

111 37.5 20.4 61.3

148 63.5 32.4 97.0





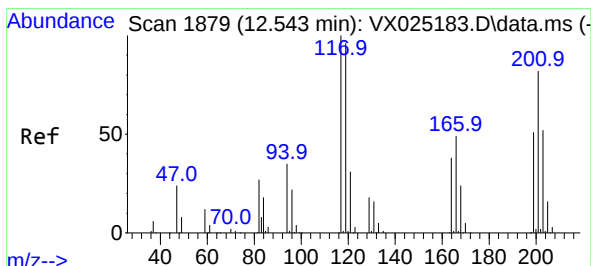
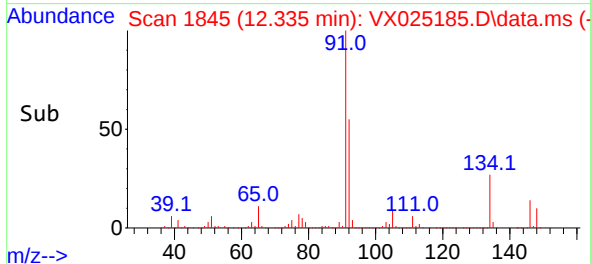
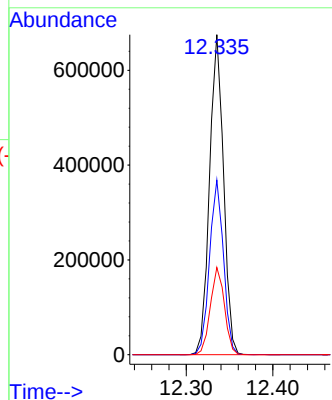
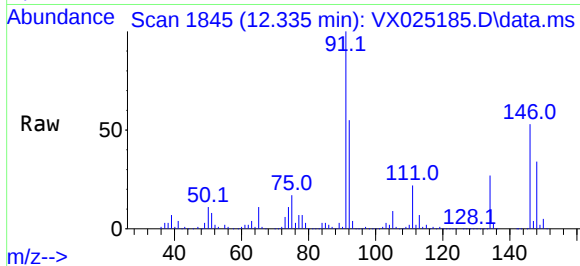
#89
n-Butylbenzene
Concen: 143.944 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 757404
Ion Ratio Lower Upper
91 100
92 54.4 26.3 78.8
134 27.5 13.0 38.9

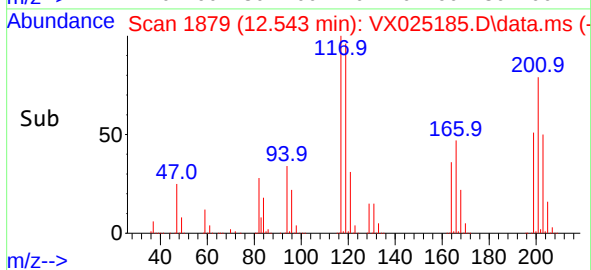
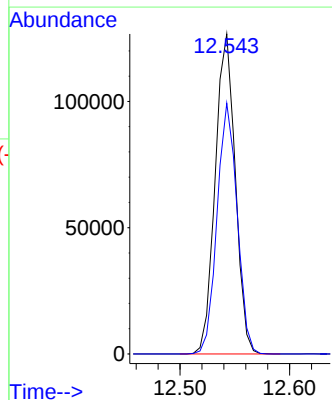
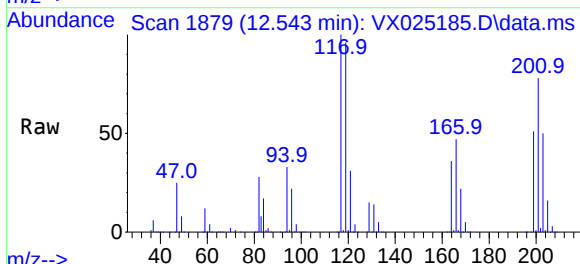
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 142.680 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Tgt Ion:117 Resp: 161246
Ion Ratio Lower Upper
117 100
201 78.3 38.9 116.6





#91
1,2-Dichlorobenzene
Concen: 140.801 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

Instrument :

MSVOA_X

ClientSampleId :

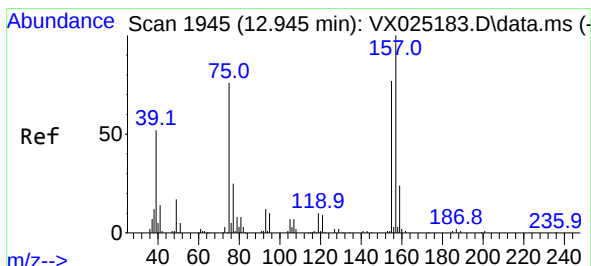
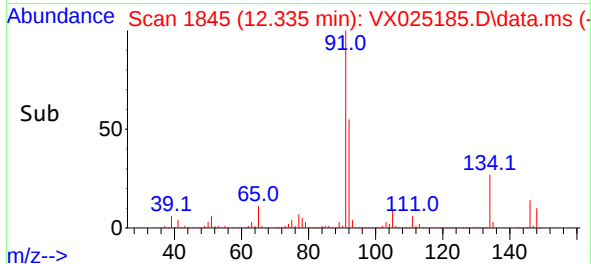
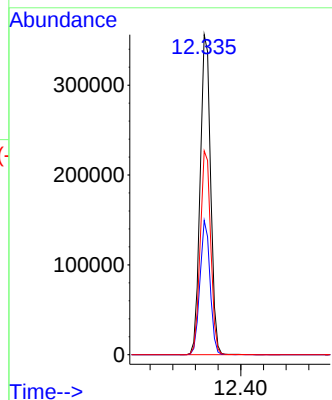
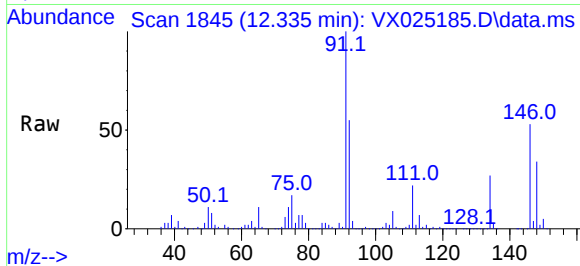
VSTDIC150

Tgt Ion:146 Resp: 454969
Ion Ratio Lower Upper
146 100
111 40.6 21.2 63.6
148 64.1 32.1 96.5

Manual Integrations

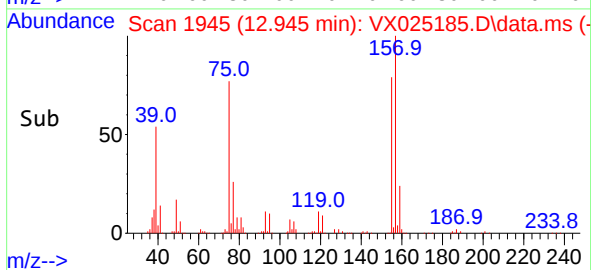
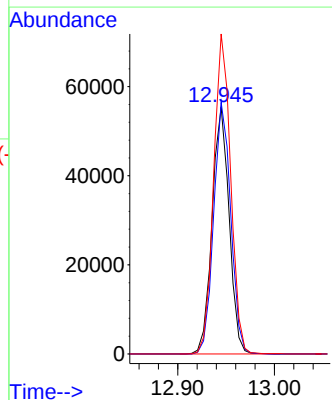
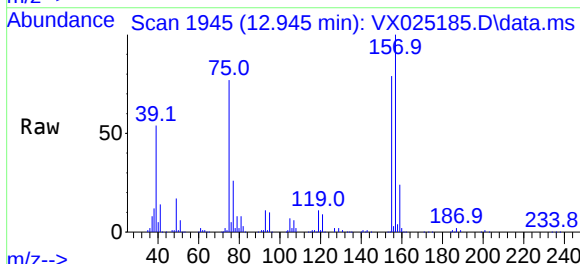
APPROVED

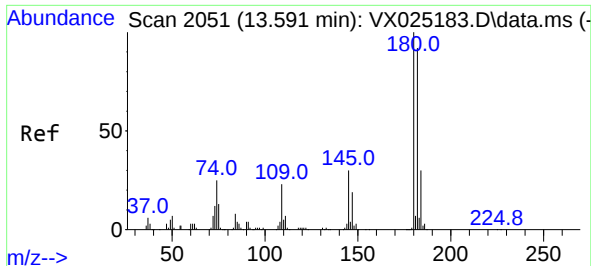
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 143.199 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

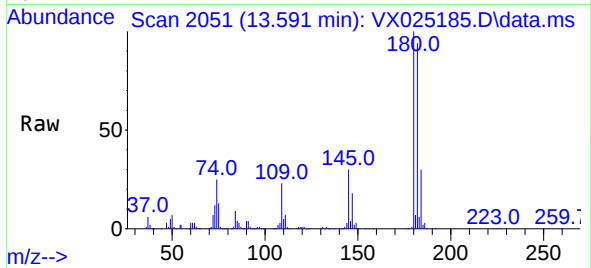
Tgt Ion: 75 Resp: 67724
Ion Ratio Lower Upper
75 100
155 101.9 43.1 129.3
157 129.4 53.6 160.9





#93
1,2,4-Trichlorobenzene
Concen: 153.406 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

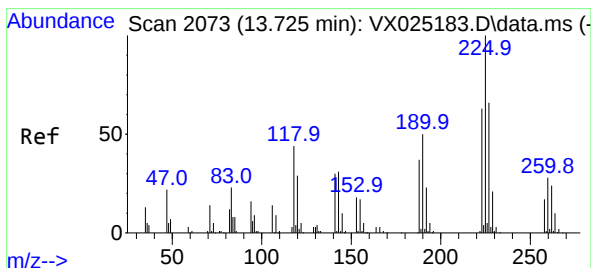
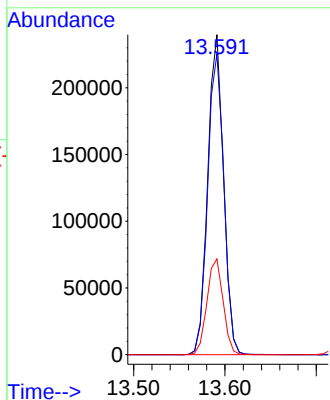
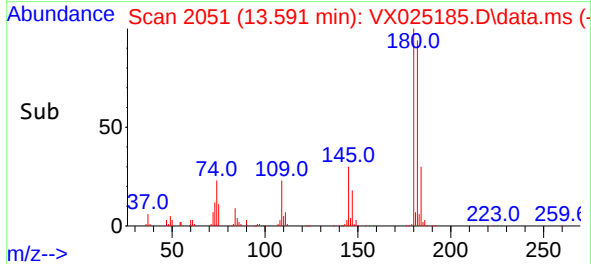
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



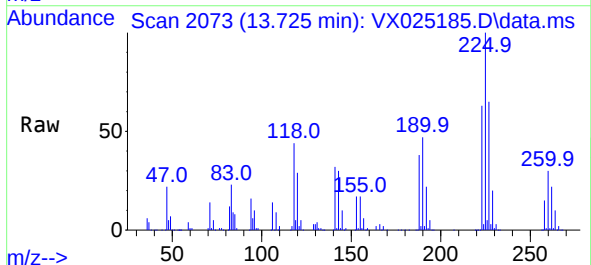
Tgt Ion:180 Resp: 288208
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 30.6 16.1 48.3

Manual Integrations
APPROVED

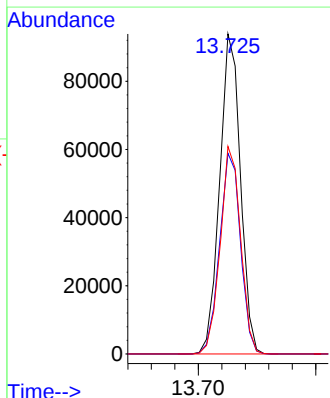
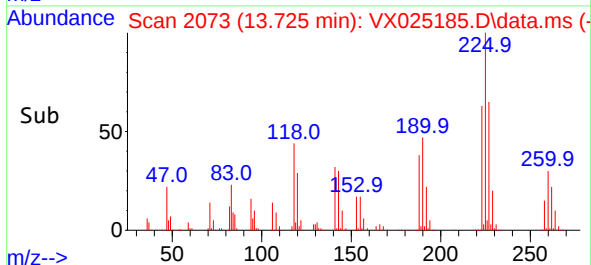
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

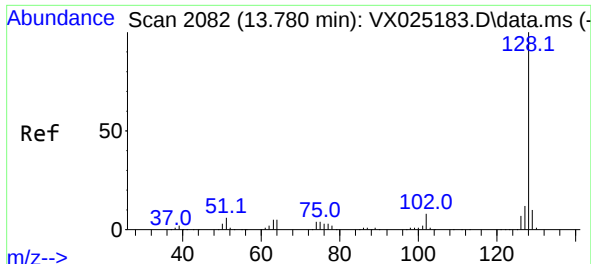


#94
Hexachlorobutadiene
Concen: 128.629 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



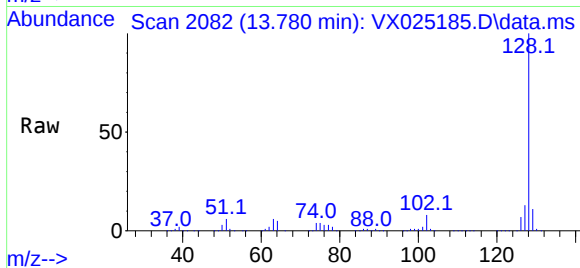
Tgt Ion:225 Resp: 115189
Ion Ratio Lower Upper
225 100
223 63.2 30.9 92.7
227 63.7 31.1 93.5





#95
Naphthalene
Concen: 162.764 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28

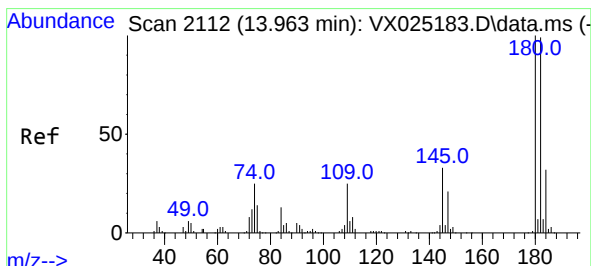
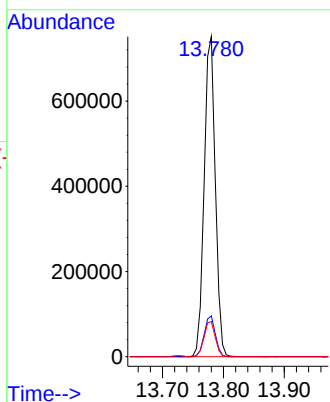
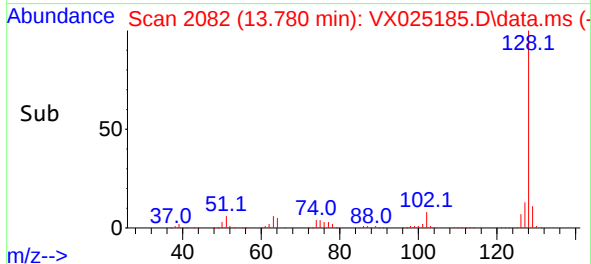
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



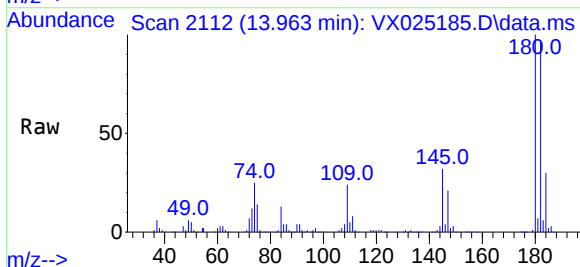
Tgt Ion:128 Resp: 955820
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 155.782 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025185.D
Acq: 17 Nov 2021 12:28



Tgt Ion:180 Resp: 286711
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.3
145 32.4 16.8 50.3

