

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021812.D
 Acq On : 17 Aug 2021 13:19
 Operator : SY/MD
 Sample : M3364-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:08:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	445524	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	417883	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	215073	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	151269	43.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.860%
7) Chloroethane-d5	1.558	69	117938	44.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.740%
11) 1,1-Dichloroethene-d2	2.105	63	236570	42.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.340%
21) 2-Butanone-d5	3.876	46	212664	98.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.170%
24) Chloroform-d	4.349	84	287198	47.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
26) 1,2-Dichloroethane-d4	5.034	65	168412	48.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
32) Benzene-d6	5.050	84	576375	47.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.920%
36) 1,2-Dichloropropane-d6	6.072	67	181724	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	7.317	98	531179	47.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.625	79	78812	42.793	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
47) 2-Hexanone-d5	8.088	63	131970	107.600	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247711	53.416	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	11.625	152	213965	48.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	152240	44.169	ug/L	99
3) Chloromethane	1.243	50	168571	47.093	ug/L	99
5) Vinyl chloride	1.307	62	163579	46.409	ug/L	99
6) Bromomethane	1.507	94	102360	48.315	ug/L	99
8) Chloroethane	1.577	64	99955	47.456	ug/L	98
9) Trichlorofluoromethane	1.748	101	223391	46.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113193	40.938	ug/L	98
12) 1,1-Dichloroethene	2.114	96	118036	44.819	ug/L	98
13) Acetone	2.159	43	121076	67.929	ug/L #	100
14) Carbon disulfide	2.291	76	420868	47.495	ug/L	100
15) Methyl Acetate	2.426	43	100716	30.758	ug/L	100
16) Methylene chloride	2.503	84	166296	45.396	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	154278	49.922	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	493850	51.961	ug/L	99
19) 1,1-Dichloroethane	3.188	63	275933	50.159	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	169326	47.317	ug/L	96
22) 2-Butanone	3.957	43	231894	89.336	ug/L	99
23) Bromochloromethane	4.249	128	90824	47.837	ug/L	98
25) Chloroform	4.375	83	281898	47.624	ug/L	99

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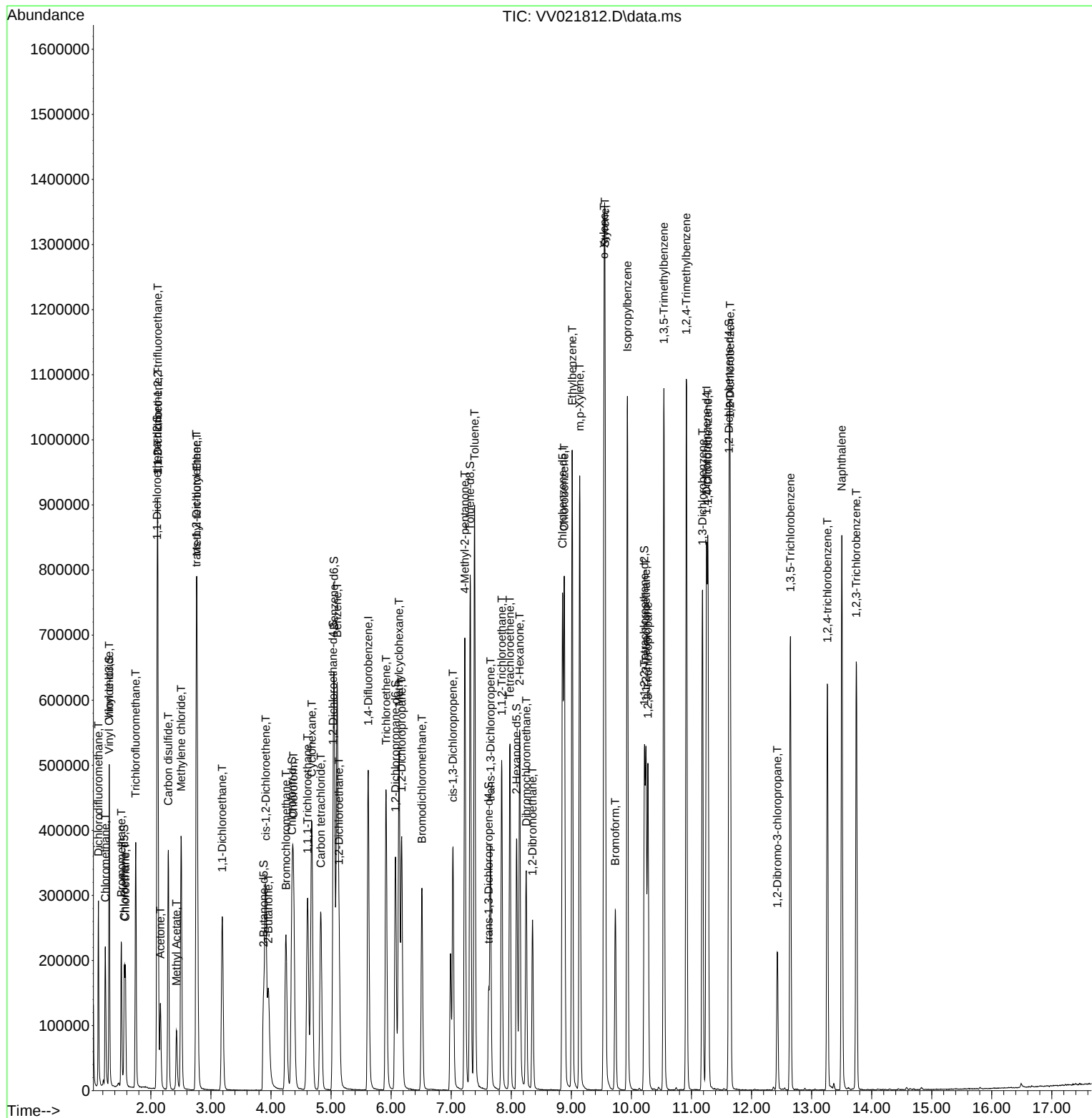
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	204303	48.987	ug/L	99
29) Cyclohexane	4.680	56	241516	46.927	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	245958	47.037	ug/L	99
31) Carbon tetrachloride	4.828	117	215026	47.524	ug/L	98
33) Benzene	5.101	78	629211	48.930	ug/L	100
34) Trichloroethene	5.915	95	163596	44.270	ug/L	98
35) Methylcyclohexane	6.133	83	235286	43.642	ug/L	99
37) 1,2-Dichloropropane	6.175	63	160851	49.399	ug/L	100
38) Bromodichloromethane	6.513	83	206986	48.230	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	231472	44.893	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	454483	101.468	ug/L	99
42) Toluene	7.391	91	667904	48.630	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	215971	44.447	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	160510	49.208	ug/L	99
46) Tetrachloroethene	7.979	164	125125	45.560	ug/L	98
48) 2-Hexanone	8.140	43	338459	97.551	ug/L	98
49) Dibromochloromethane	8.249	129	177222	49.208	ug/L	99
50) 1,2-Dibromoethane	8.355	107	173501	48.878	ug/L	99
51) Chlorobenzene	8.883	112	428789	47.817	ug/L	100
52) Ethylbenzene	9.014	91	703209	47.992	ug/L	99
53) m,p-Xylene	9.140	106	272331	47.956	ug/L	99
54) o-Xylene	9.545	106	273180	48.531	ug/L	97
55) Styrene	9.561	104	462627	49.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	249097	54.856	ug/L	98
59) Bromoform	9.731	173	128792	50.374	ug/L	99
60) Isopropylbenzene	9.934	105	706361	48.988	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	201085	50.593	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	589456	48.715	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	596440	48.479	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	330686	47.357	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	325755	46.736	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	337287	47.882	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	50515	52.274	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	223647	44.185	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	194155	45.736	ug/L	100
71) Naphthalene	13.503	128	672503	54.537	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	203963	47.828	ug/L	99

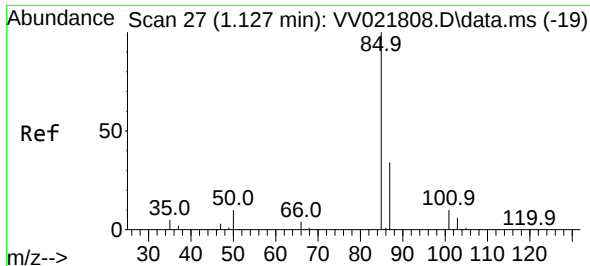
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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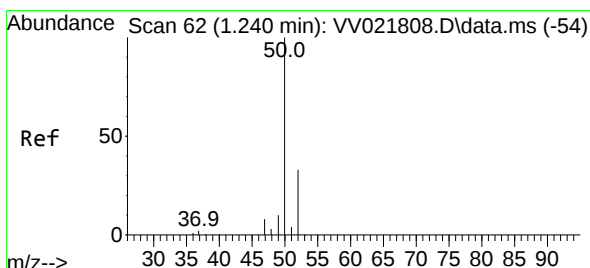
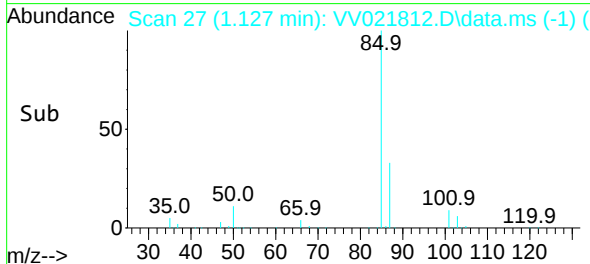
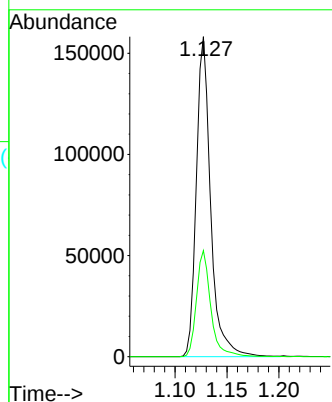
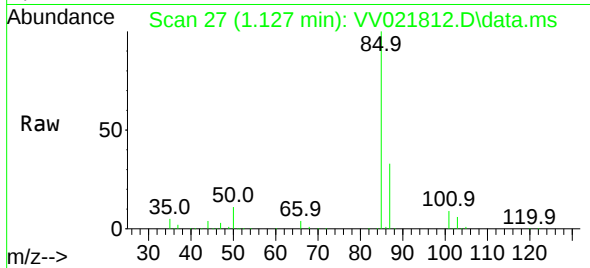




#2
 Dichlorodifluoromethane
 Concen: 44.169 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

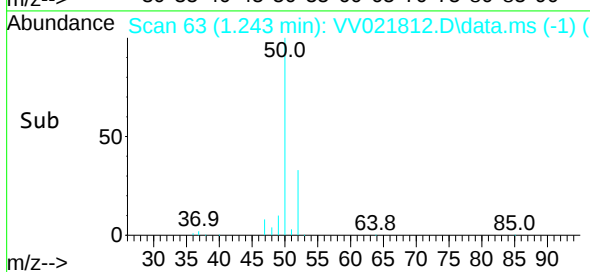
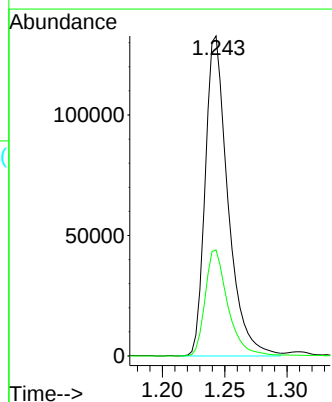
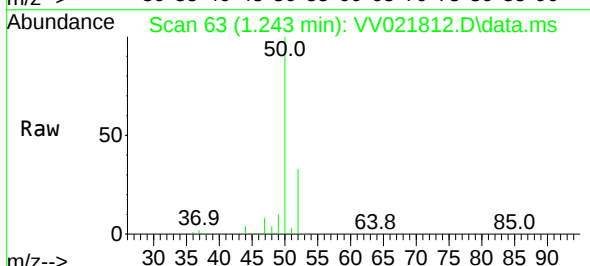
Instrument :
 MSVOA_V
 ClientSampled :

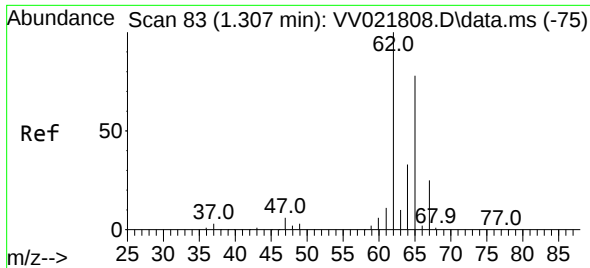
Tgt Ion: 85 Resp: 152240
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.1 39.1



#3
 Chloromethane
 Concen: 47.093 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

Tgt Ion: 50 Resp: 168571
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.7 42.1

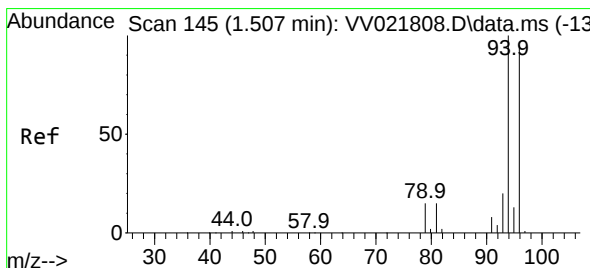
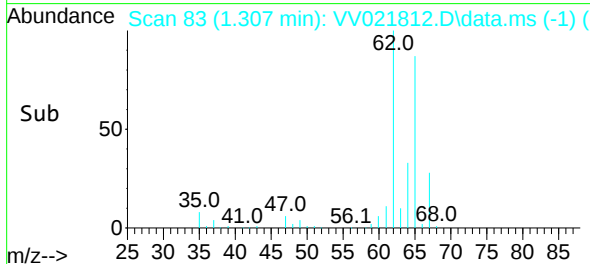
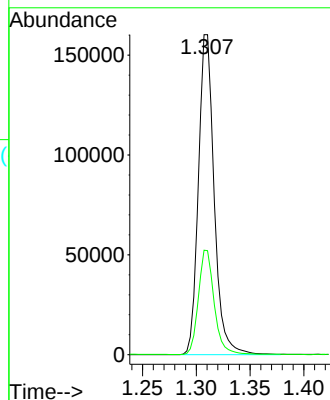
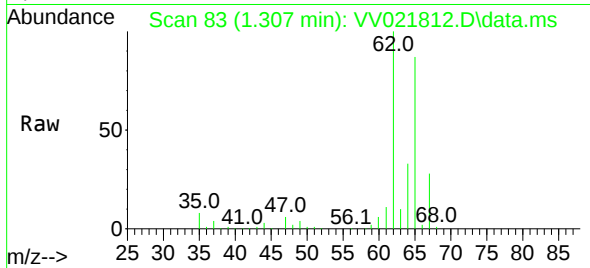




#5
 Vinyl chloride
 Concen: 46.409 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

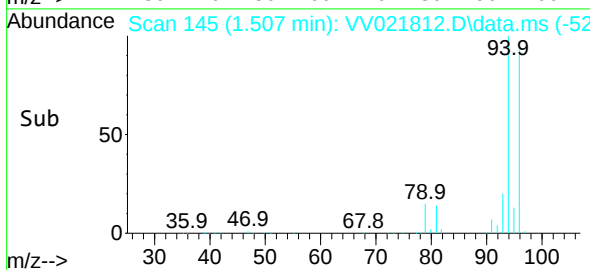
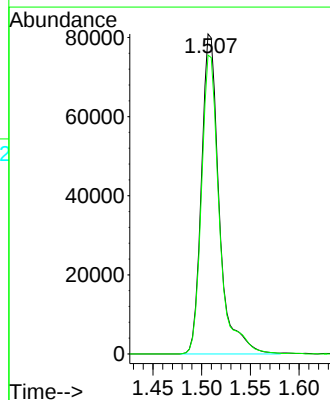
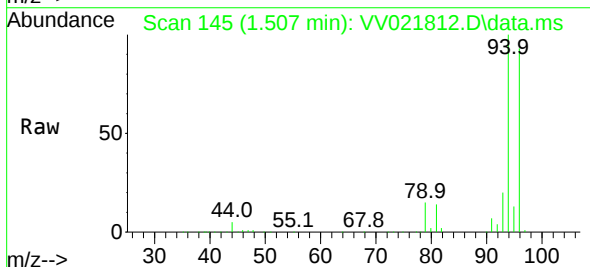
Instrument :
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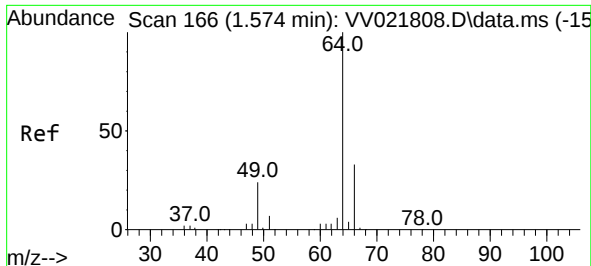
Tgt Ion: 62 Resp: 163579
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 48.315 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

Tgt Ion: 94 Resp: 102360
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.8 120.3

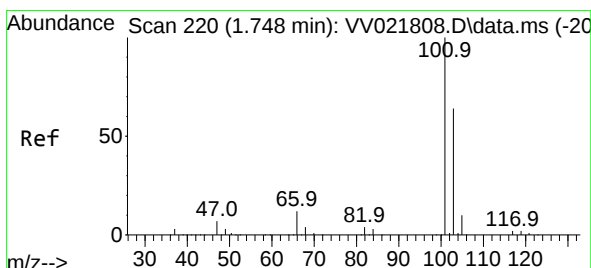
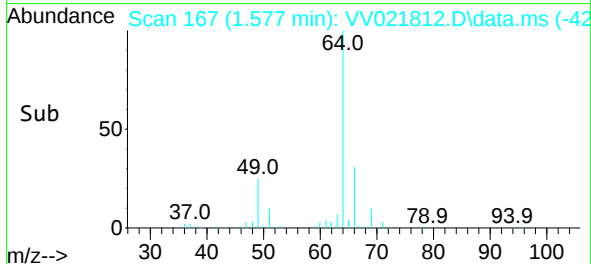
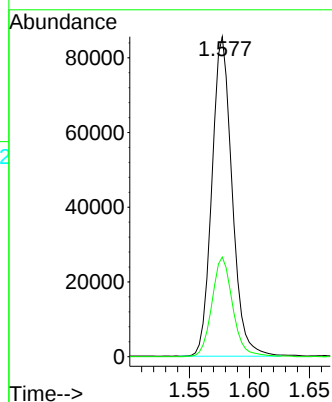
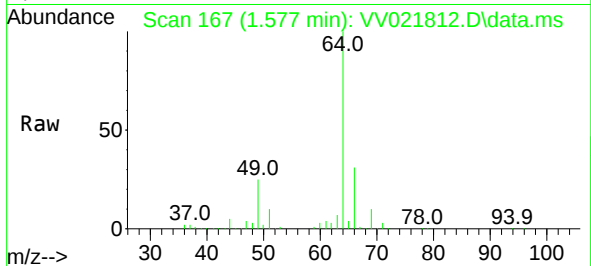




#8
Chloroethane
Concen: 47.456 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

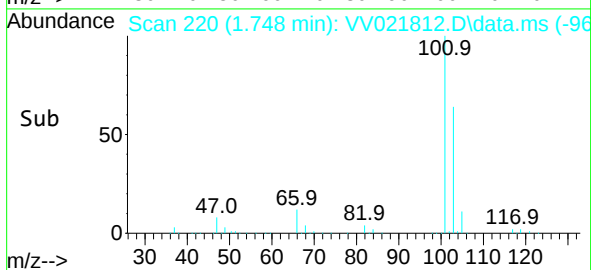
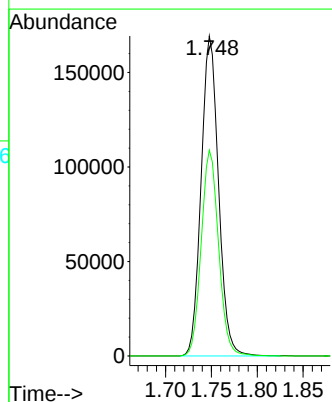
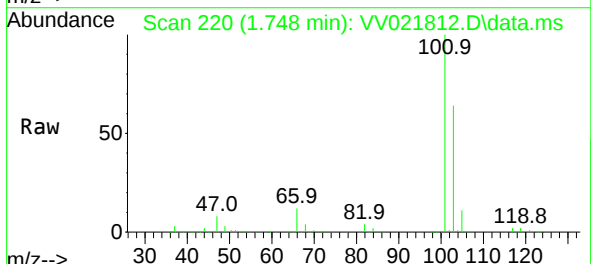
Instrument :
MSVOA_V
ClientSampleId :

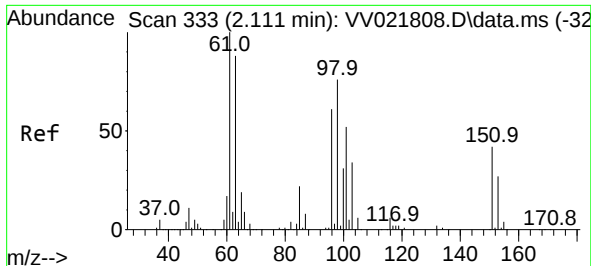
Tgt Ion: 64 Resp: 99955
Ion Ratio Lower Upper
64 100
66 31.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 46.257 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:101 Resp: 223391
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

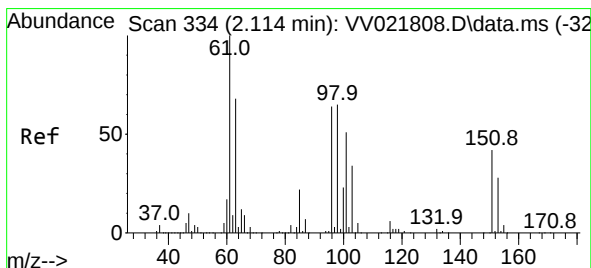
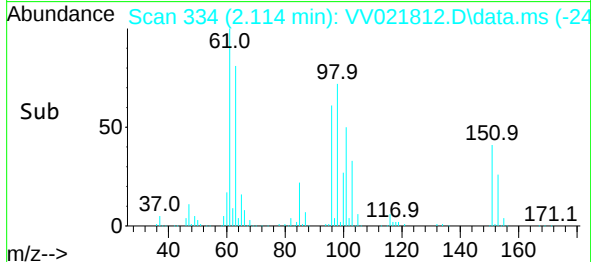
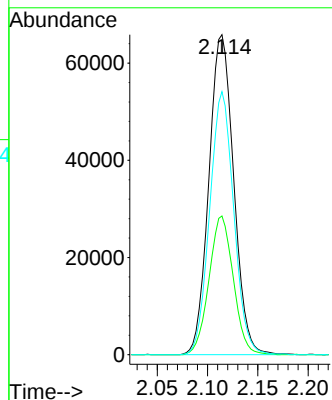
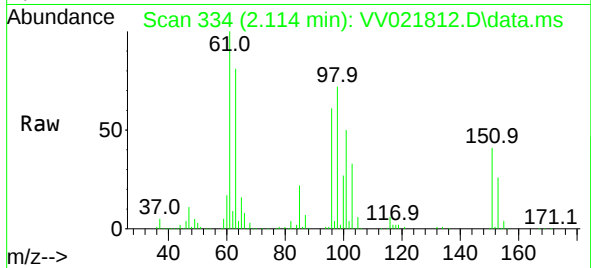




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 40.938 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

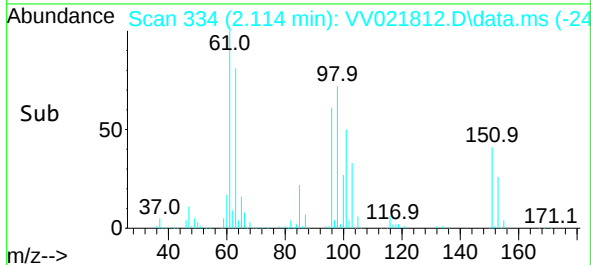
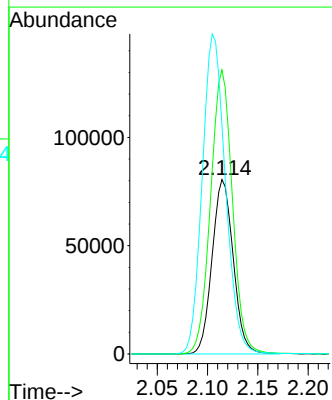
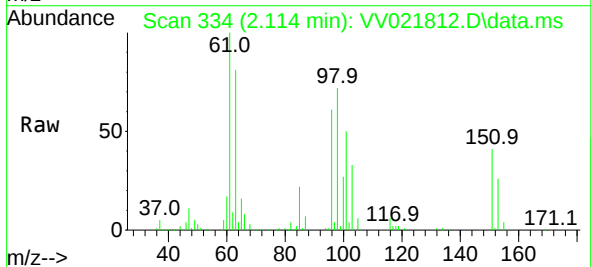
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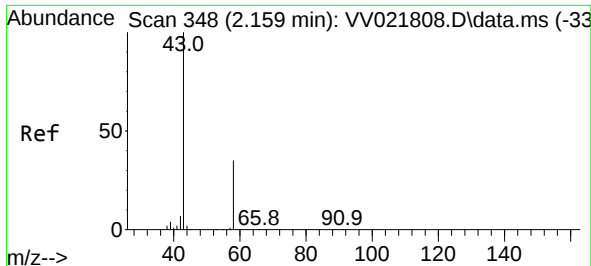
Tgt Ion:101 Resp: 113193
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.4 50.2
 151 79.8 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 44.819 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

Tgt Ion: 96 Resp: 118036
 Ion Ratio Lower Upper
 96 100
 61 162.9 115.5 214.5
 63 131.3 90.3 167.7

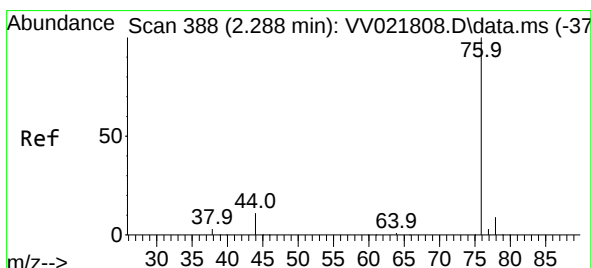
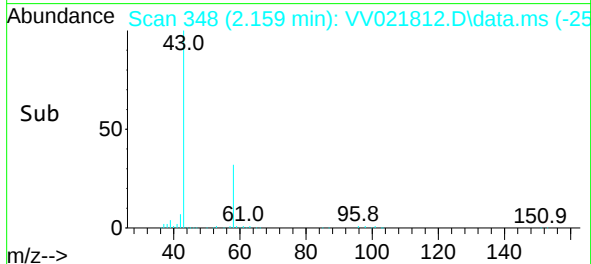
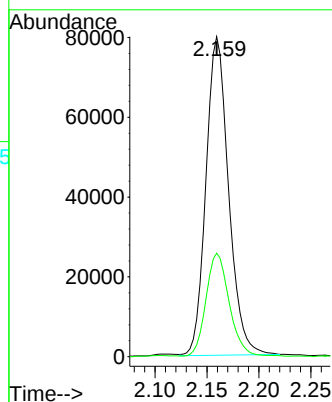
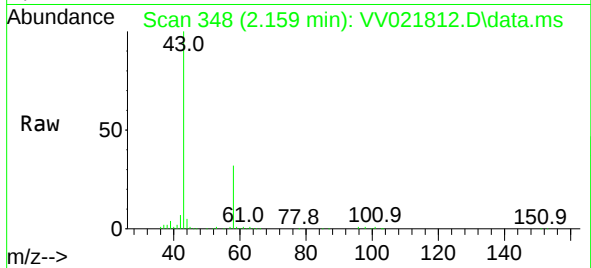




#13
Acetone
Concen: 67.929 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

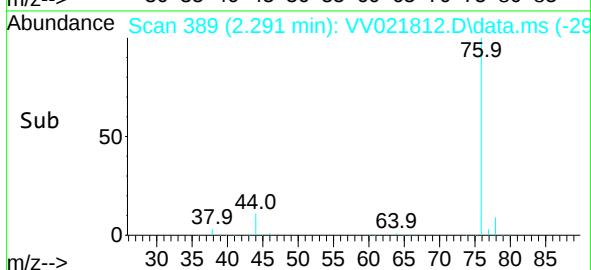
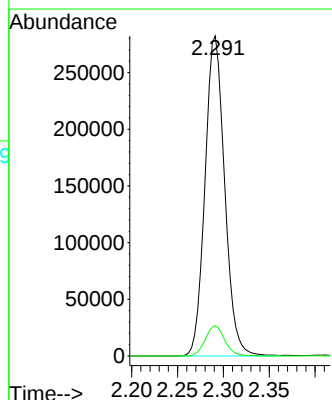
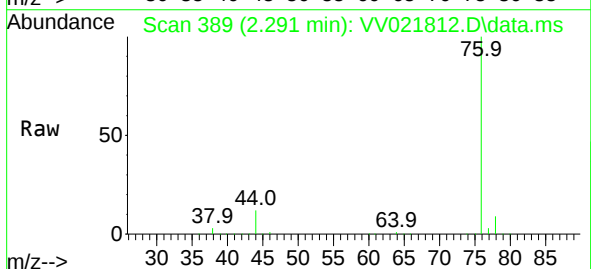
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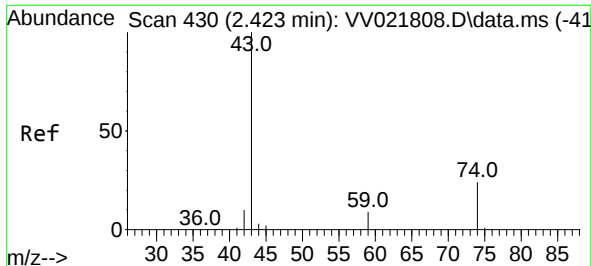
Tgt Ion: 43 Resp: 121076
Ion Ratio Lower Upper
43 100
58 33.6 0.0 0.0#



#14
Carbon disulfide
Concen: 47.495 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 76 Resp: 420868
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

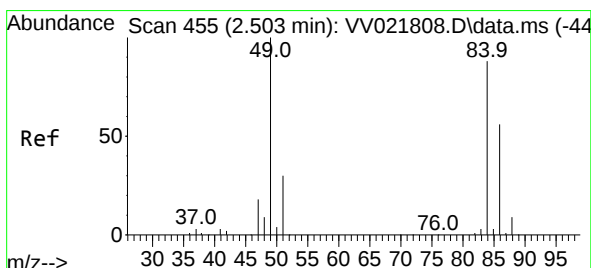
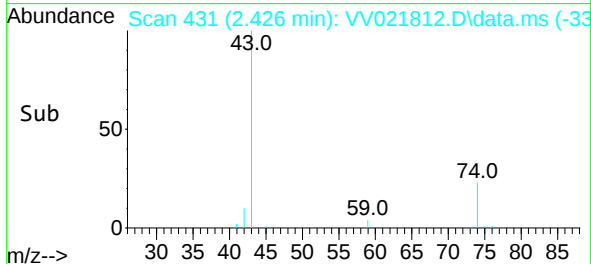
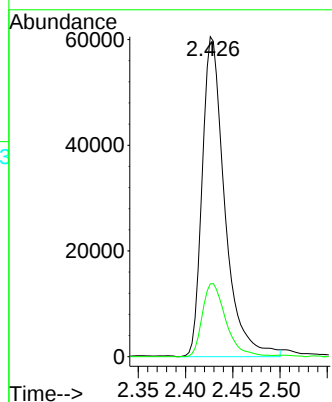
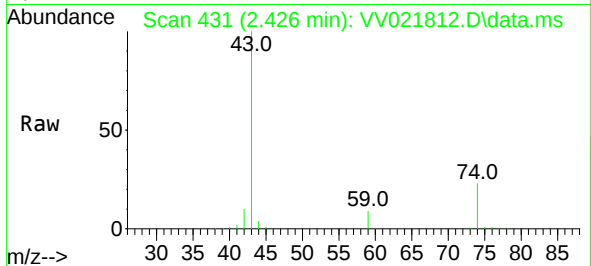




#15
Methyl Acetate
Concen: 30.758 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

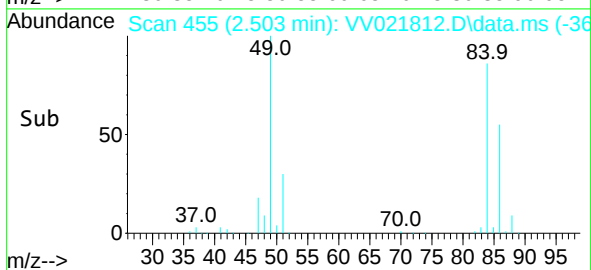
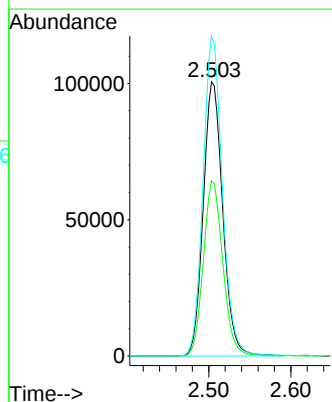
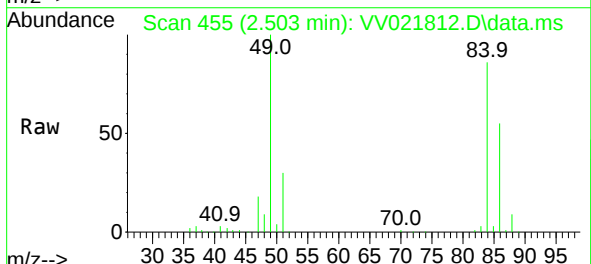
Instrument :
MSVOA_V
ClientSampled :

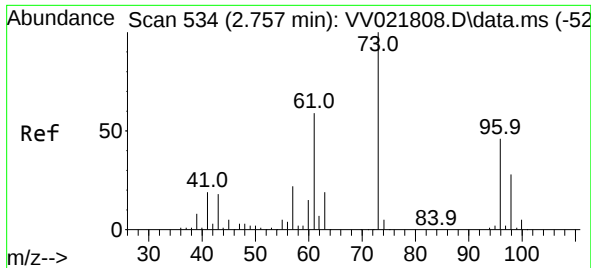
Tgt Ion: 43 Resp: 100716
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 45.396 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 84 Resp: 166296
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 116.7 82.5 153.3

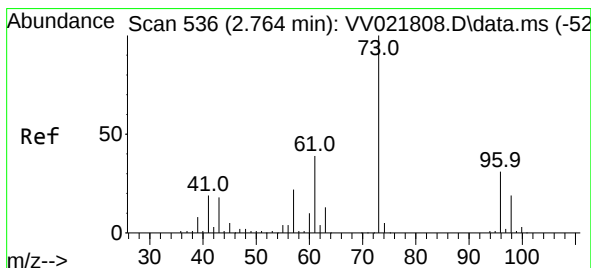
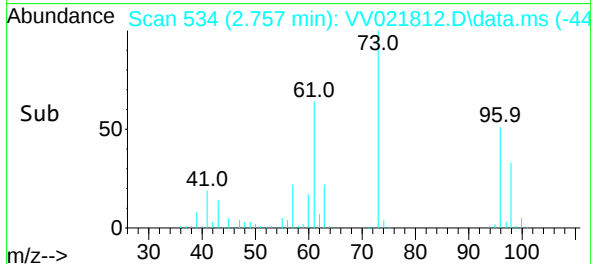
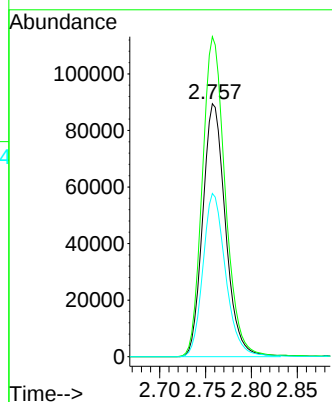
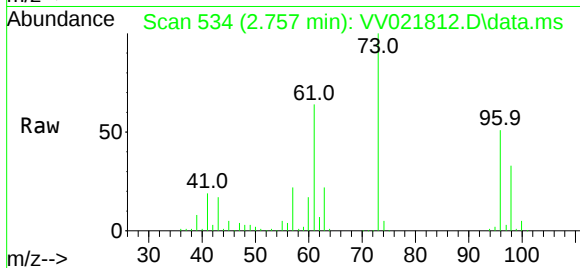




#17
trans-1,2-Dichloroethene
Concen: 49.922 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

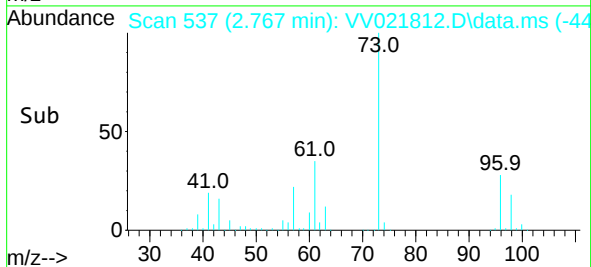
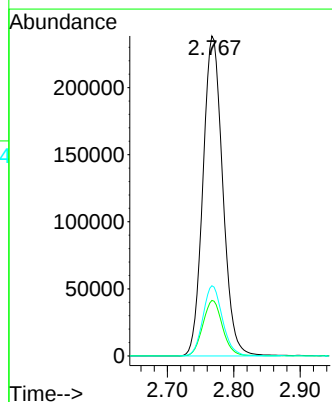
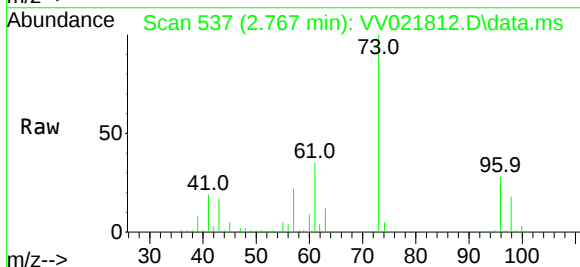
Instrument :
MSVOA_V
ClientSampleId :

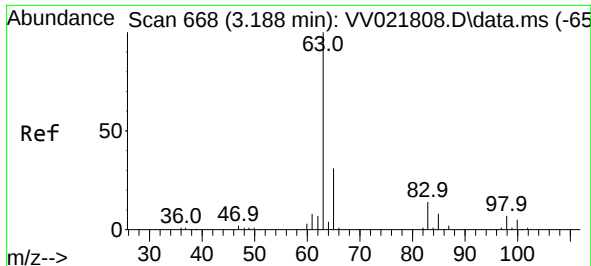
Tgt Ion: 96 Resp: 154278
Ion Ratio Lower Upper
96 100
61 126.5 90.4 168.0
98 64.5 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.961 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 73 Resp: 493850
Ion Ratio Lower Upper
73 100
43 17.2 14.2 21.4
57 21.7 17.7 26.5

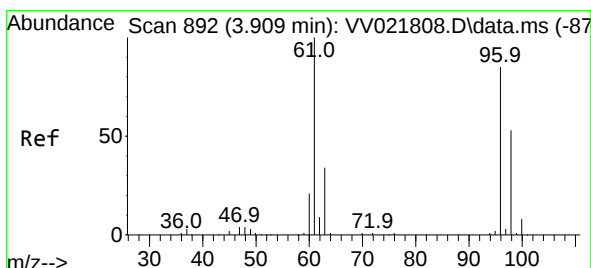
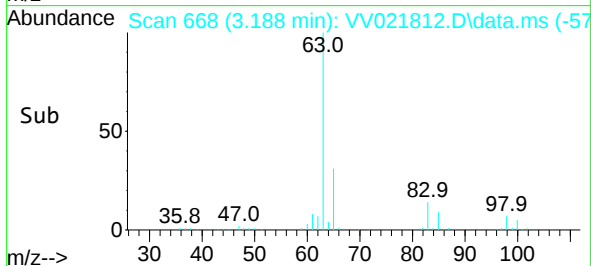
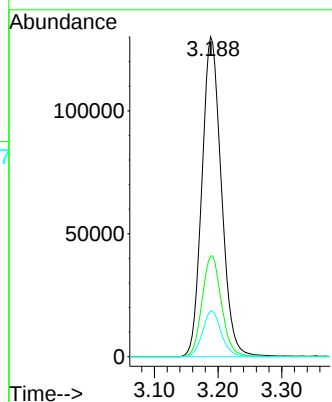
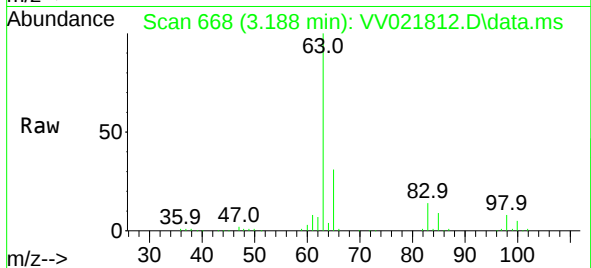




#19
1,1-Dichloroethane
Concen: 50.159 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

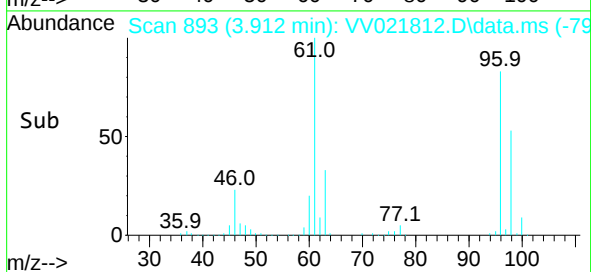
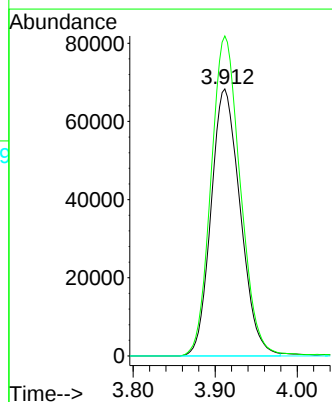
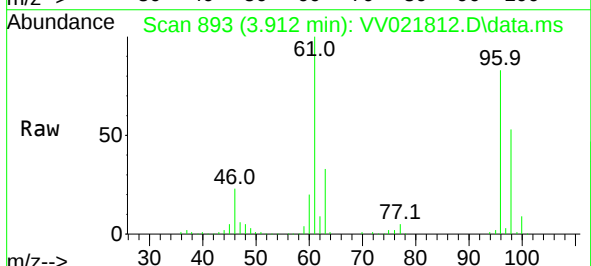
Instrument :
MSVOA_V
ClientSampleId :

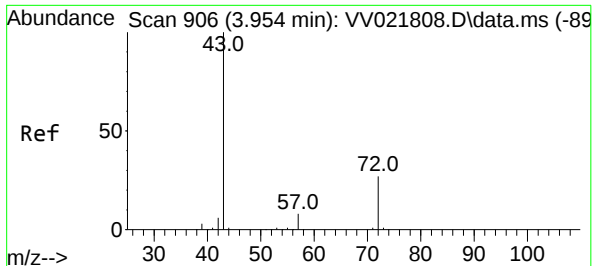
Tgt Ion:	63	Resp:	275933
Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.8	40.6
83	14.3	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 47.317 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:	96	Resp:	169326
Ion	Ratio	Lower	Upper
96	100		
61	119.8	81.0	150.4
68	0.0	0.0	0.0

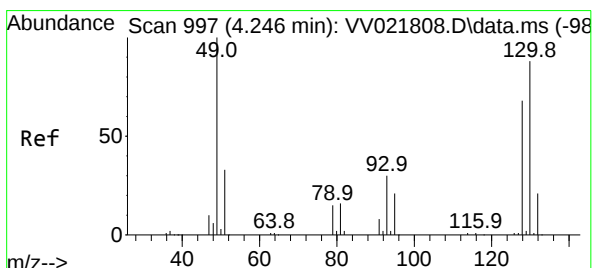
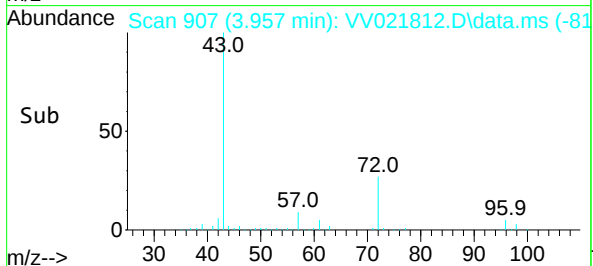
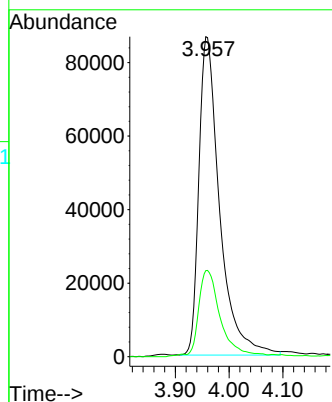
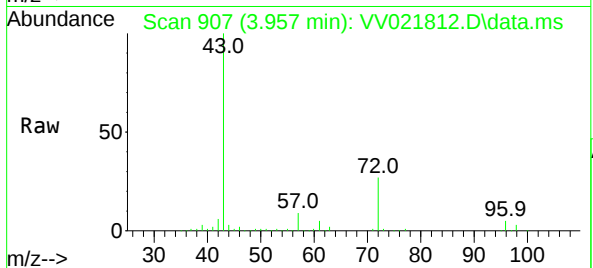




#22
2-Butanone
Concen: 89.336 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

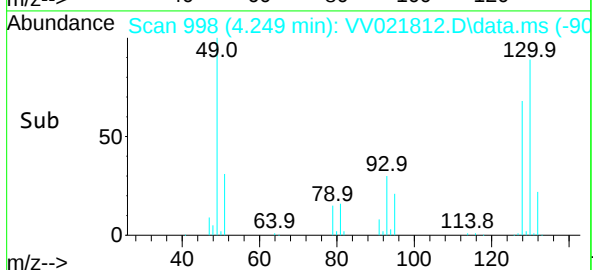
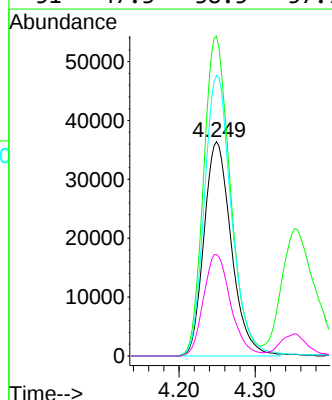
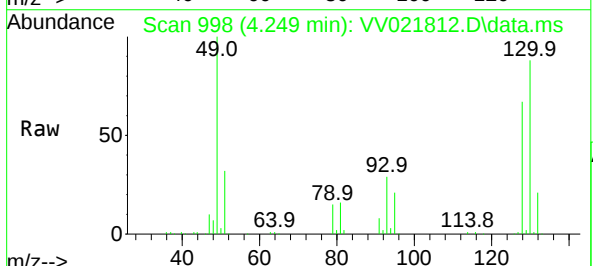
Instrument :
MSVOA_V
ClientSampleId :

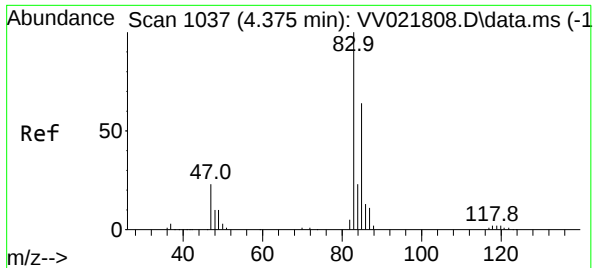
Tgt Ion: 43 Resp: 231894
Ion Ratio Lower Upper
43 100
72 26.5 13.6 40.8



#23
Bromochloromethane
Concen: 47.837 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:128 Resp: 90824
Ion Ratio Lower Upper
128 100
49 149.3 105.6 196.0
130 130.9 89.5 166.1
51 47.3 38.5 57.7

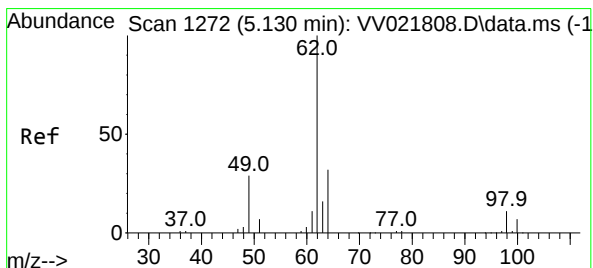
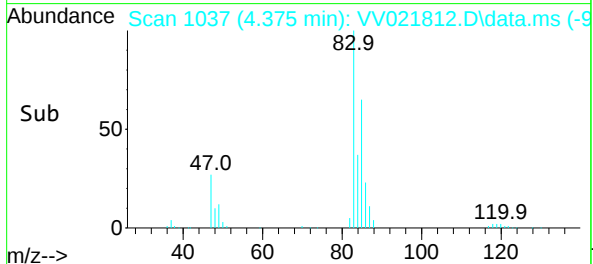
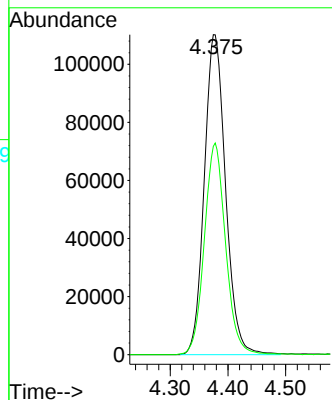
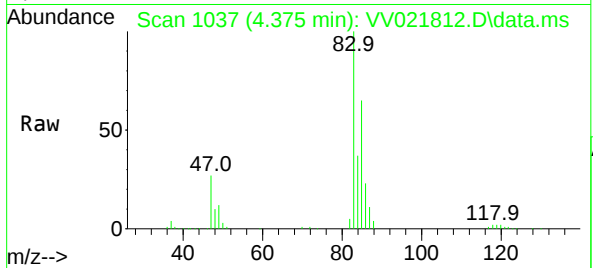




#25
Chloroform
Concen: 47.624 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

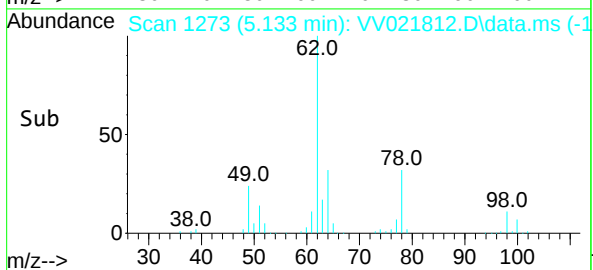
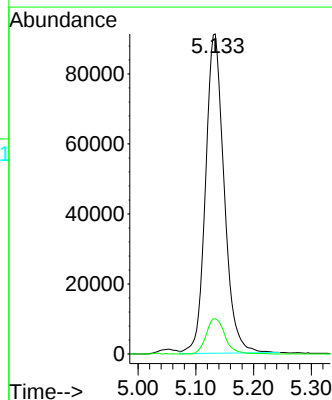
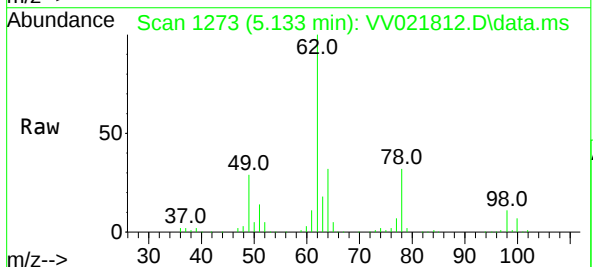
Instrument :
MSVOA_V
ClientSampled :

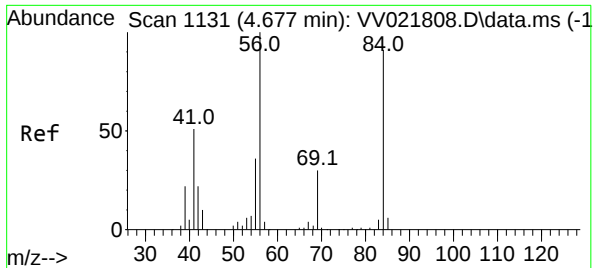
Tgt Ion: 83 Resp: 281898
Ion Ratio Lower Upper
83 100
85 65.1 44.8 83.2



#27
1,2-Dichloroethane
Concen: 48.987 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 62 Resp: 204303
Ion Ratio Lower Upper
62 100
98 11.0 8.6 13.0





#29

Cyclohexane

Concen: 46.927 ug/L

RT: 4.680 min Scan# 1132

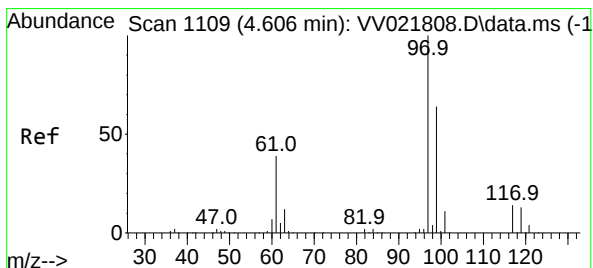
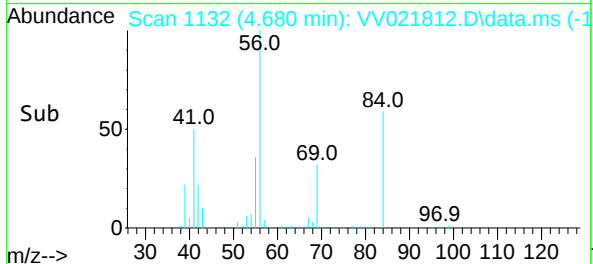
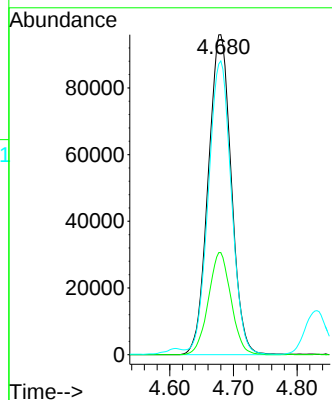
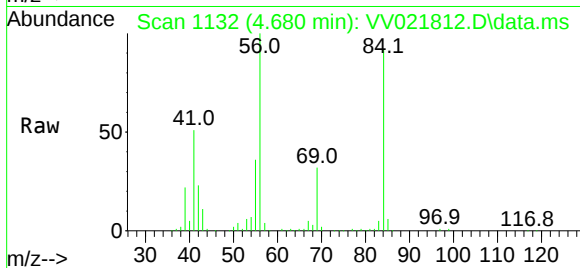
Delta R.T. 0.003 min

Lab File: VV021812.D

Acq: 17 Aug 2021 13:19

Tgt Ion: 56 Resp: 241516

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.9	37.3
84	91.2	72.6	109.0



#30

1,1,1-Trichloroethane

Concen: 47.037 ug/L

RT: 4.609 min Scan# 1110

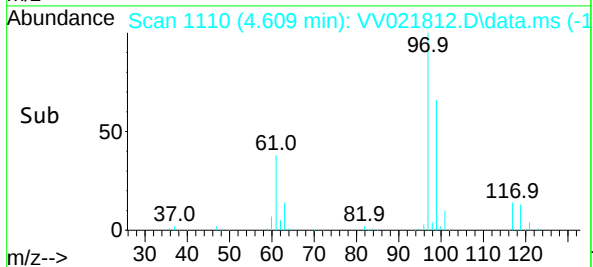
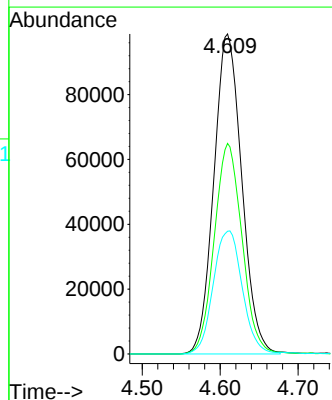
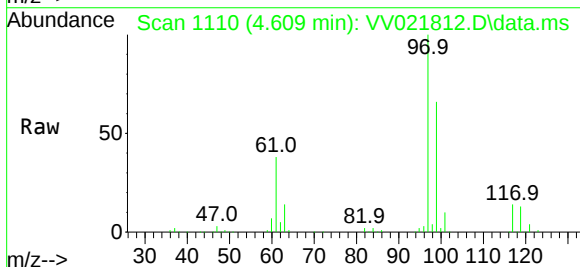
Delta R.T. 0.003 min

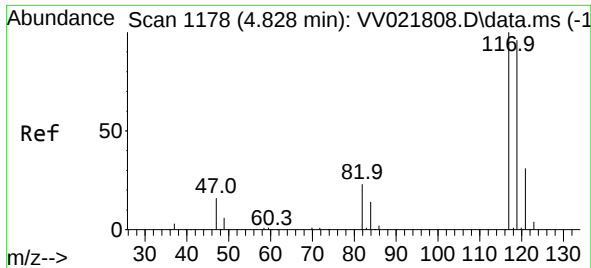
Lab File: VV021812.D

Acq: 17 Aug 2021 13:19

Tgt Ion: 97 Resp: 245958

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.4
61	39.9	32.3	48.5

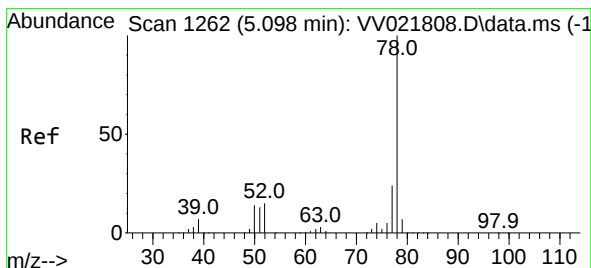
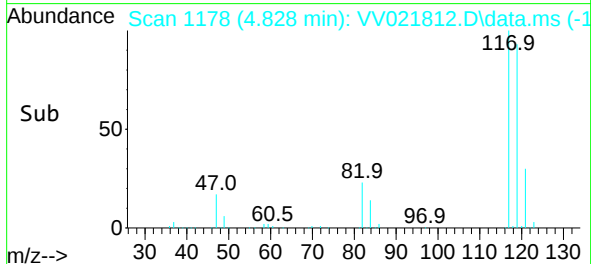
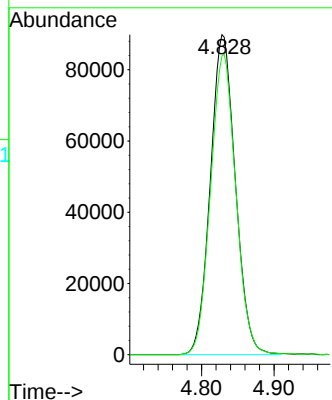
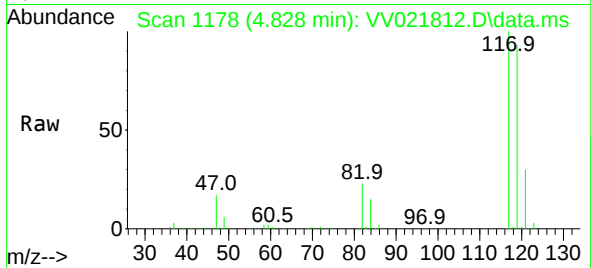




#31
Carbon tetrachloride
Concen: 47.524 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

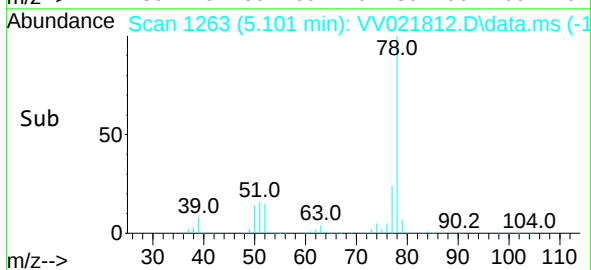
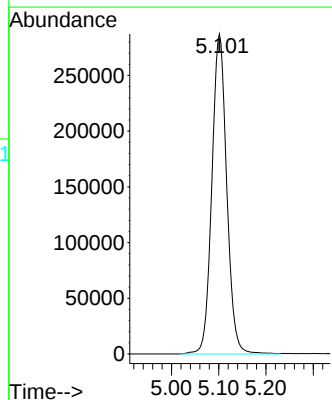
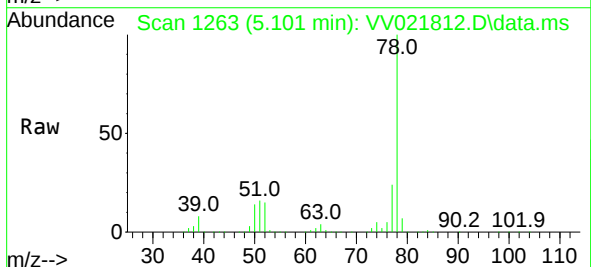
Instrument :
MSVOA_V
ClientSampled :

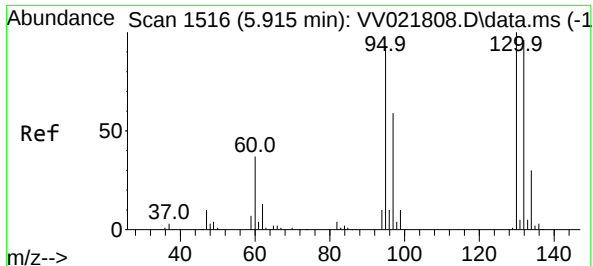
Tgt Ion:117 Resp: 215026
Ion Ratio Lower Upper
117 100
119 94.9 77.1 115.7



#33
Benzene
Concen: 48.930 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 78 Resp: 629211

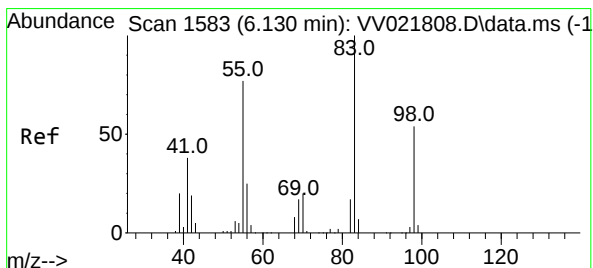
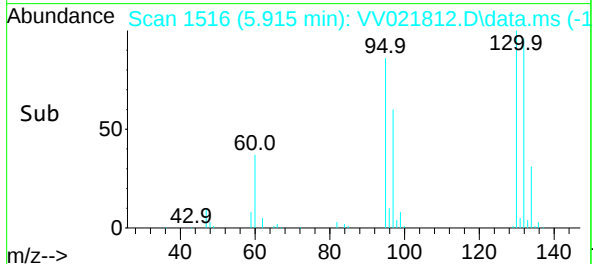
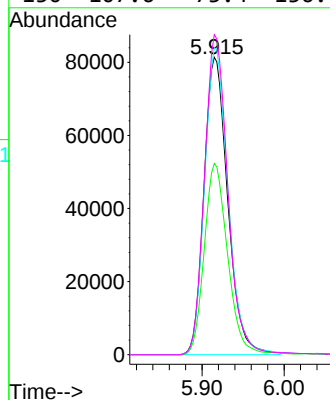
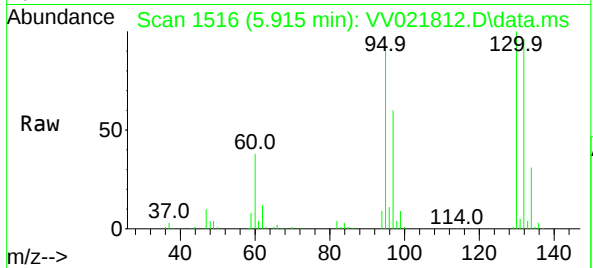




#34
Trichloroethene
Concen: 44.270 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

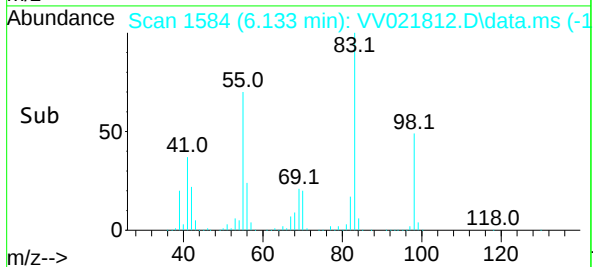
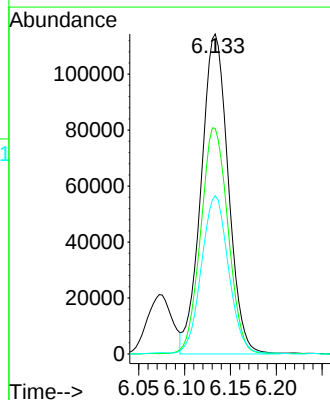
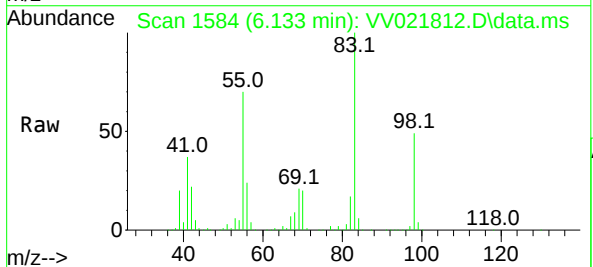
Instrument :
MSVOA_V
ClientSampleId :

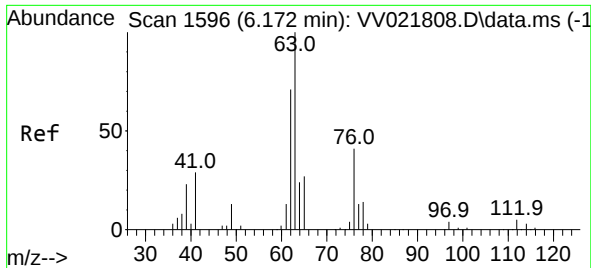
Tgt Ion: 95 Resp: 163596
Ion Ratio Lower Upper
95 100
97 64.3 44.1 81.9
132 103.1 70.2 130.4
130 107.6 73.4 136.4



#35
Methylcyclohexane
Concen: 43.642 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 83 Resp: 235286
Ion Ratio Lower Upper
83 100
55 70.8 57.9 86.9
98 49.6 39.9 59.9

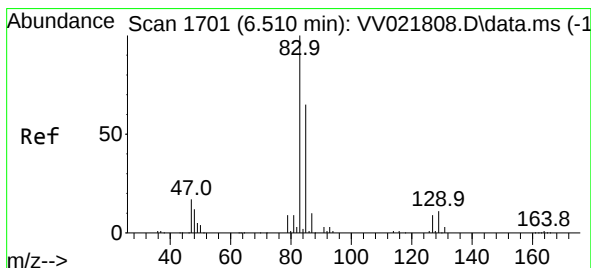
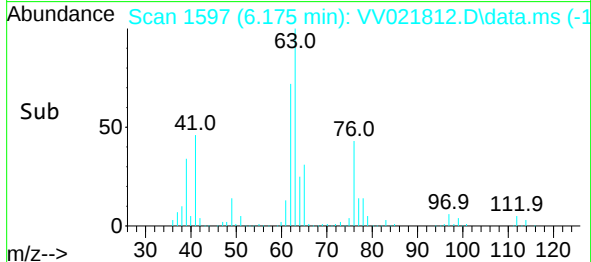
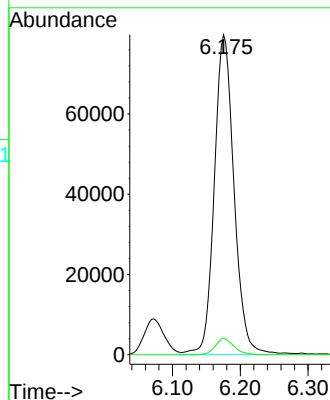
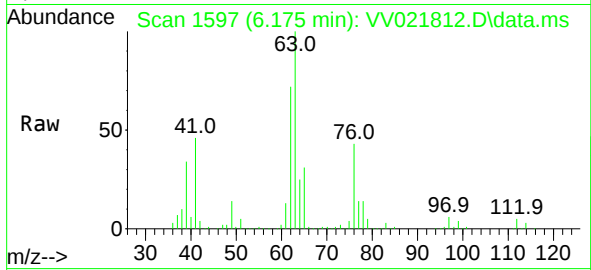




#37
1,2-Dichloropropane
Concen: 49.399 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

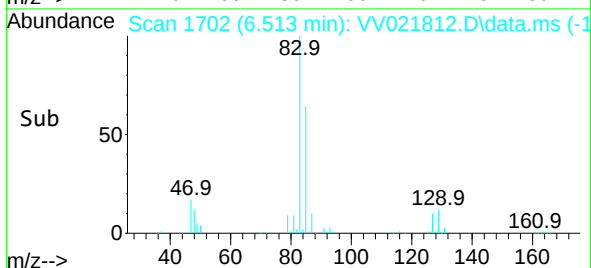
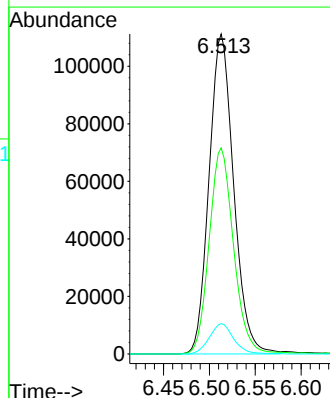
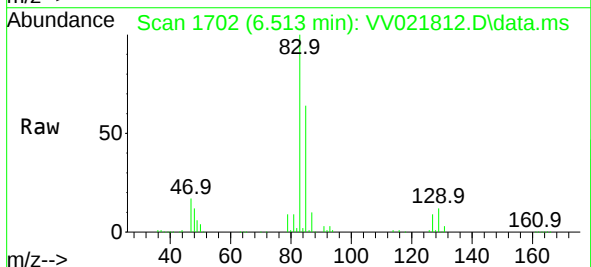
Instrument :
MSVOA_V
ClientSampled :

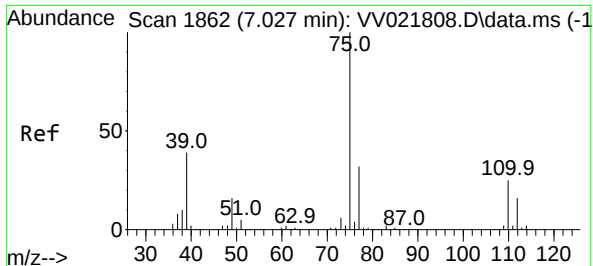
Tgt Ion: 63 Resp: 160851
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 48.230 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 83 Resp: 206986
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9
127 9.5 7.4 11.2

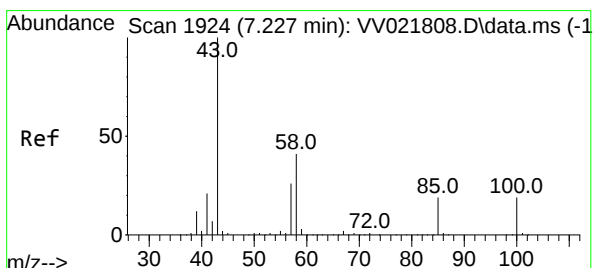
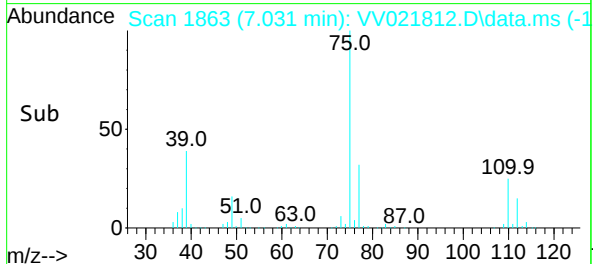
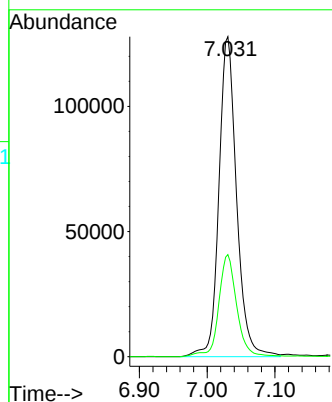
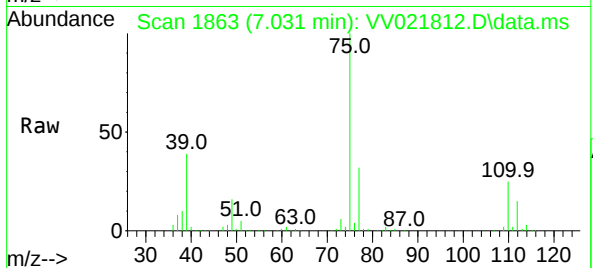




#39
 cis-1,3-Dichloropropene
 Concen: 44.893 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

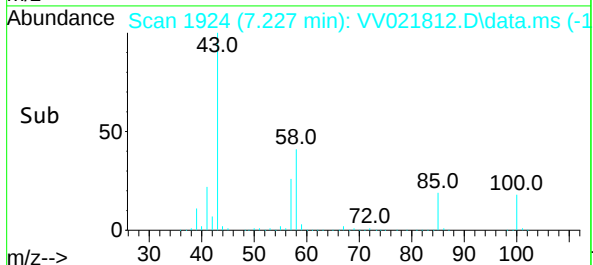
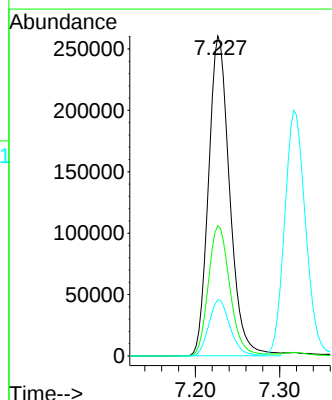
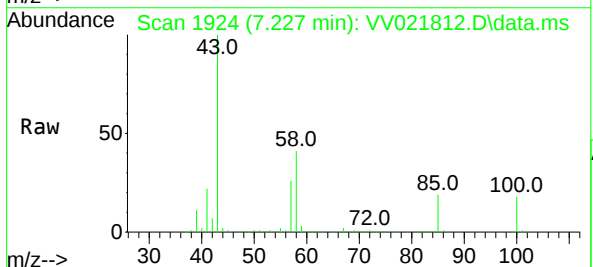
Instrument :
 MSVOA_V
 ClientSampled :

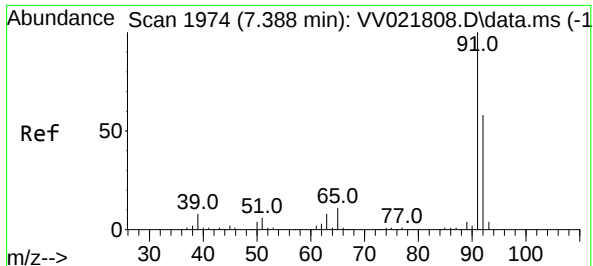
Tgt Ion: 75 Resp: 231472
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 101.468 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021812.D
 Acq: 17 Aug 2021 13:19

Tgt Ion: 43 Resp: 454483
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.9 49.3
 100 17.7 14.0 21.0

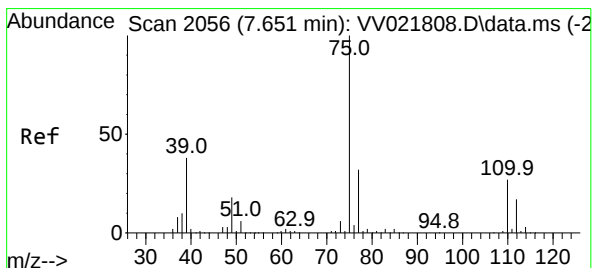
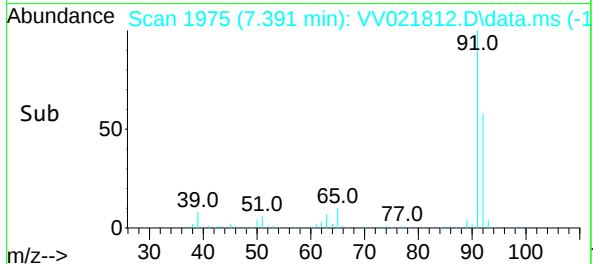
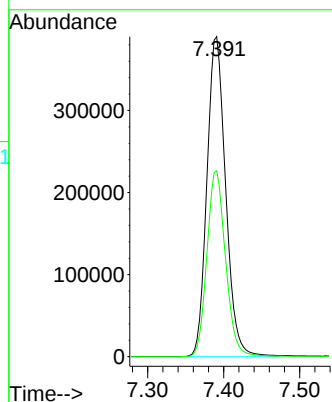
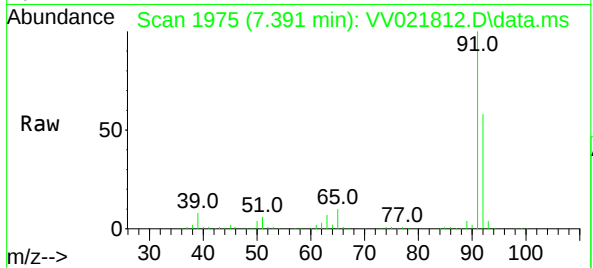




#42
Toluene
Concen: 48.630 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

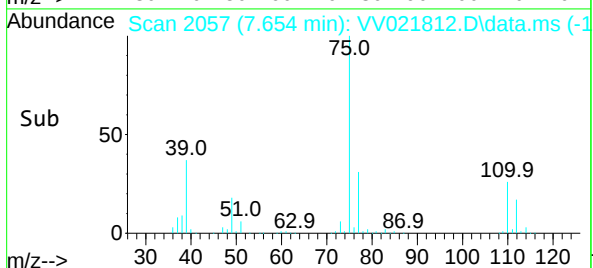
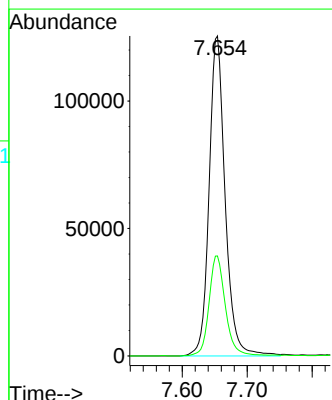
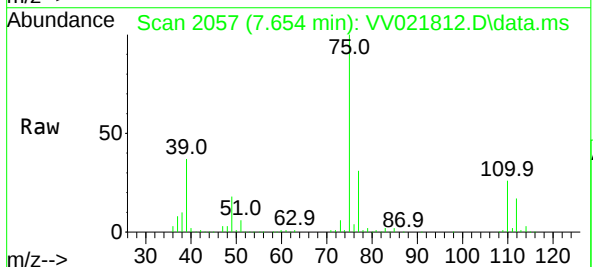
Instrument :
MSVOA_V
ClientSampleId :

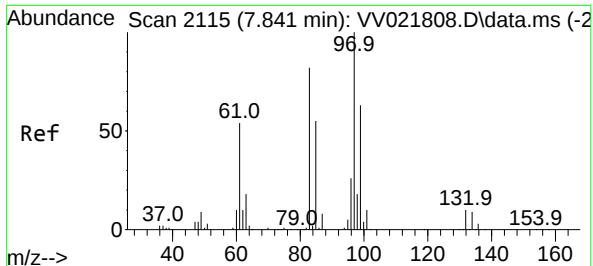
Tgt Ion: 91 Resp: 667904
Ion Ratio Lower Upper
91 100
92 58.1 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 44.447 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 75 Resp: 215971
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2



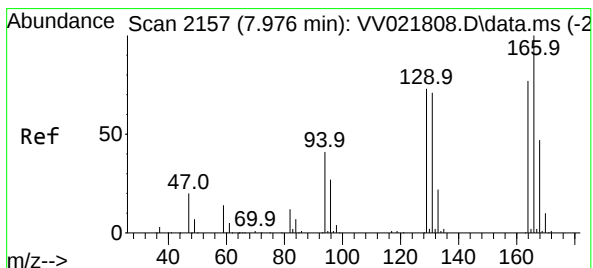
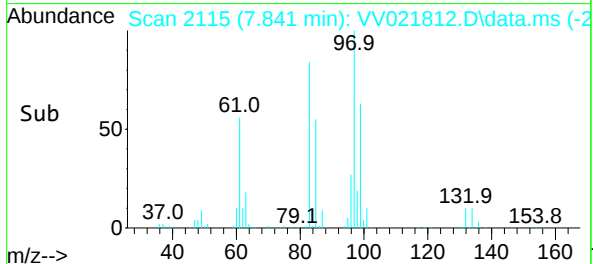
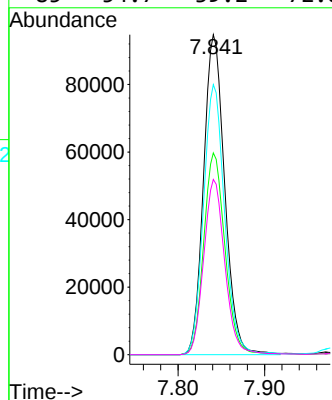
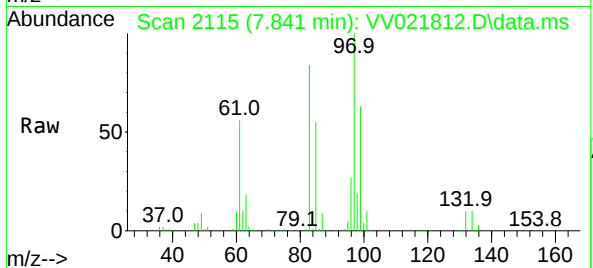


#45
1,1,2-Trichloroethane
Concen: 49.208 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 160510

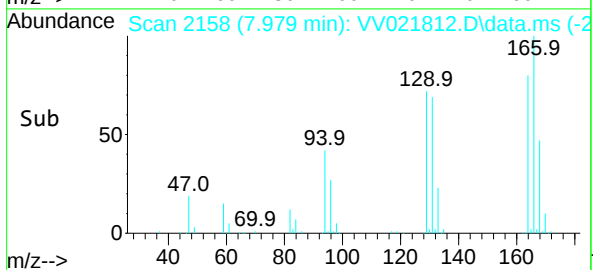
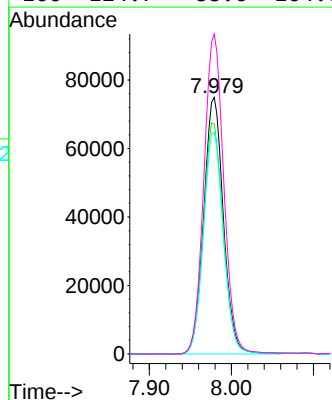
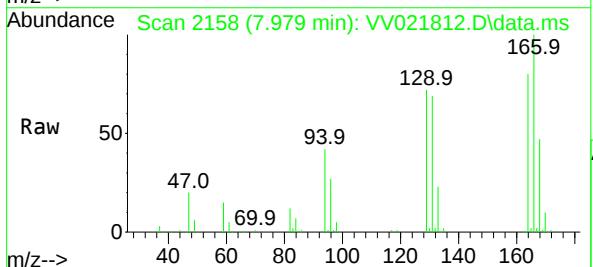
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.2	82.0
83	84.4	59.2	110.0
85	54.7	39.2	72.8

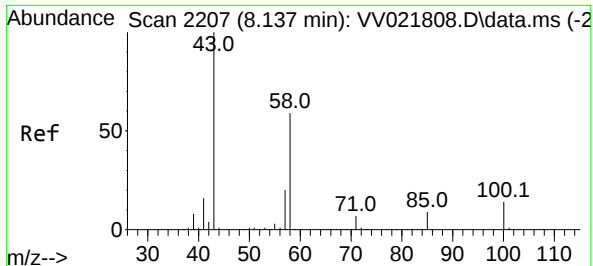


#46
Tetrachloroethene
Concen: 45.560 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 164 Resp: 125125

Ion	Ratio	Lower	Upper
164	100		
129	89.6	63.7	118.3
131	86.4	61.5	114.3
166	124.7	88.6	164.6

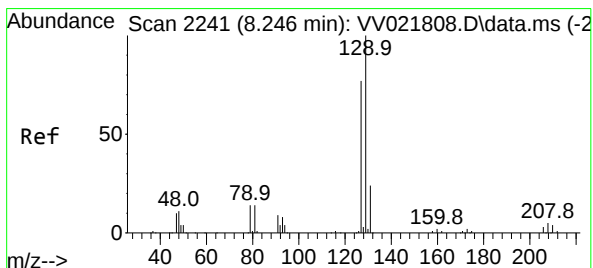
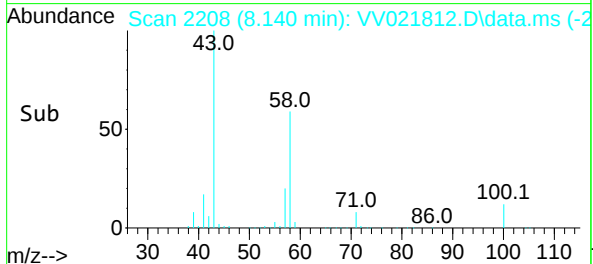
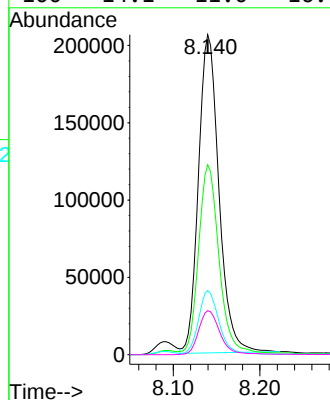
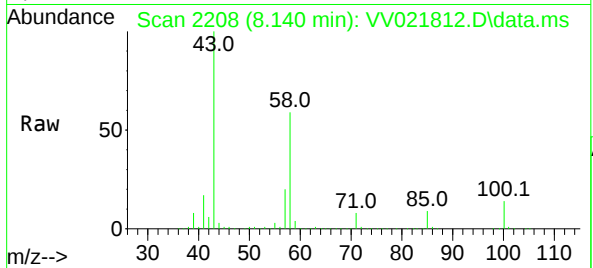




#48
2-Hexanone
Concen: 97.551 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

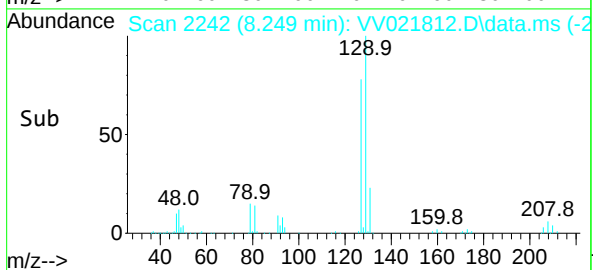
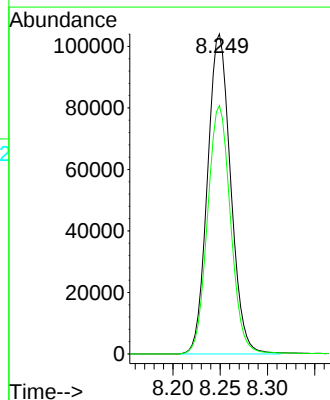
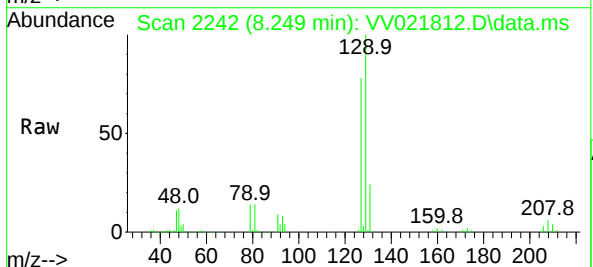
Instrument :
MSVOA_V
ClientSampled :

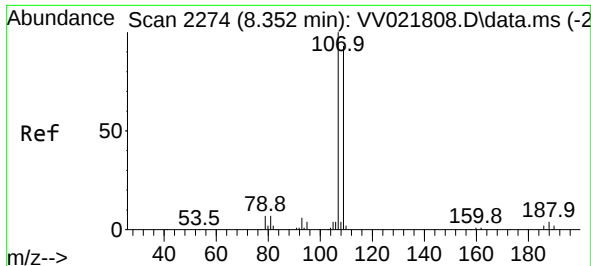
Tgt Ion:	43	58	57	100
Ratio	100	58.9	20.1	14.1
Lower		45.4	15.3	11.0
Upper		68.2	22.9	16.6



#49
Dibromochloromethane
Concen: 49.208 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

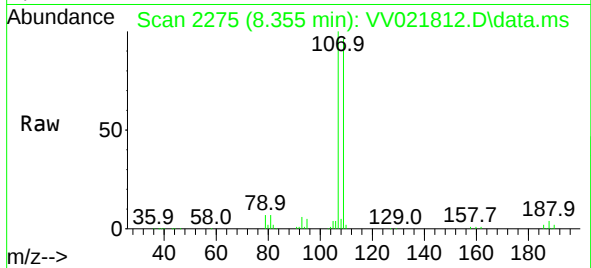
Tgt Ion:	129	127
Ratio	100	77.6
Lower		54.9
Upper		101.9



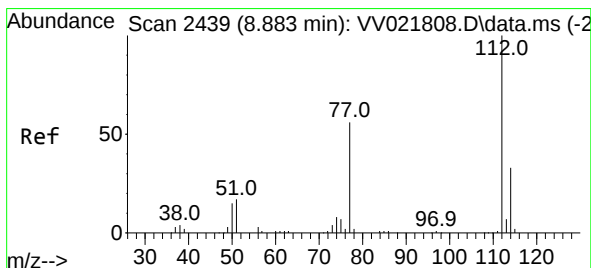
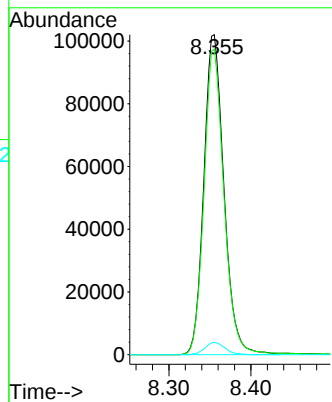
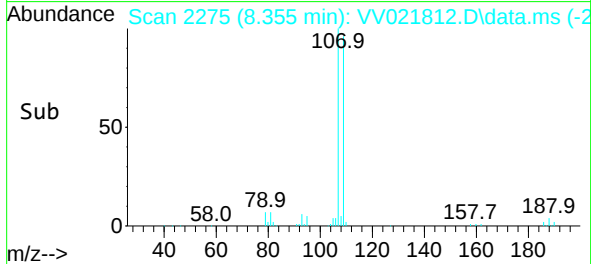


#50
1,2-Dibromoethane
Concen: 48.878 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

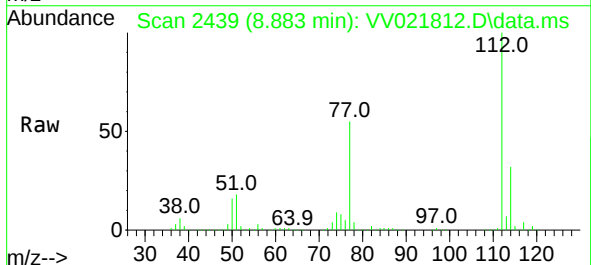
Instrument :
MSVOA_V
ClientSampleId :



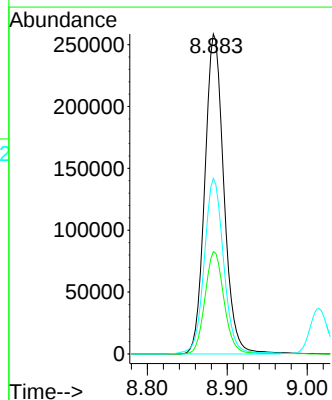
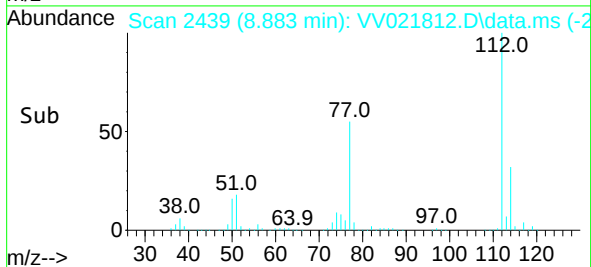
Tgt Ion:107 Resp: 173501
Ion Ratio Lower Upper
107 100
109 95.6 66.3 123.1
188 3.8 3.0 4.4

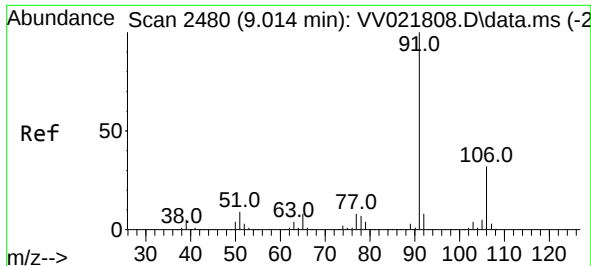


#51
Chlorobenzene
Concen: 47.817 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19



Tgt Ion:112 Resp: 428789
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 54.8 43.7 65.5





#52

Ethylbenzene

Concen: 47.992 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV021812.D

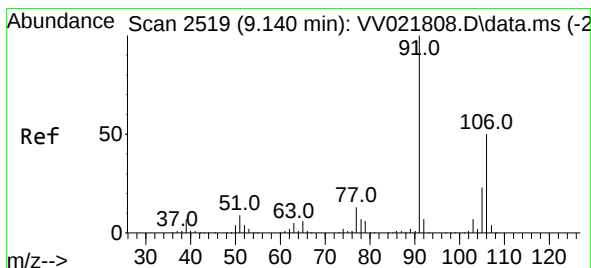
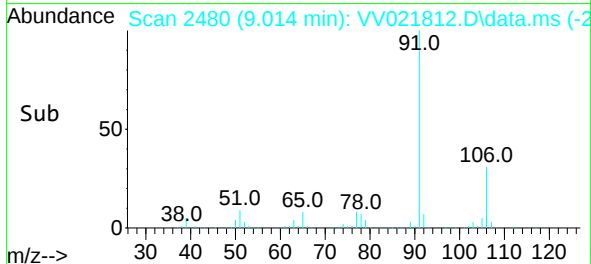
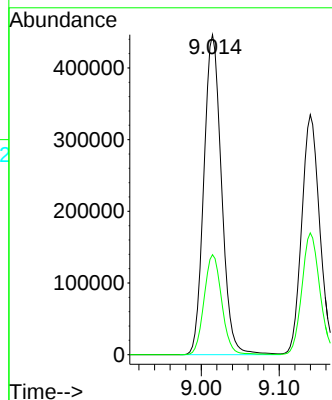
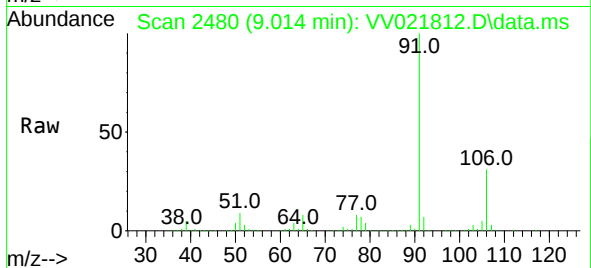
Acq: 17 Aug 2021 13:19

Tgt Ion: 91 Resp: 703209

Ion Ratio Lower Upper

91 100

106 31.3 22.2 41.2



#53

m,p-Xylene

Concen: 47.956 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV021812.D

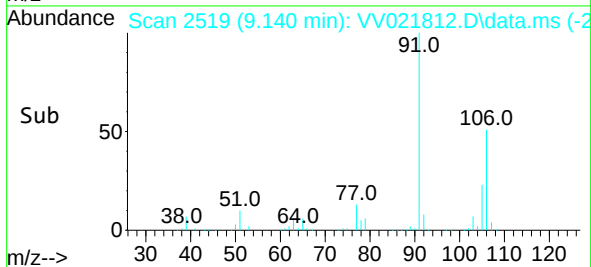
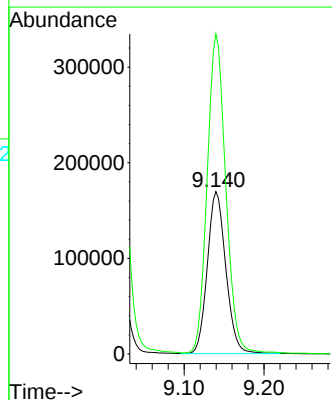
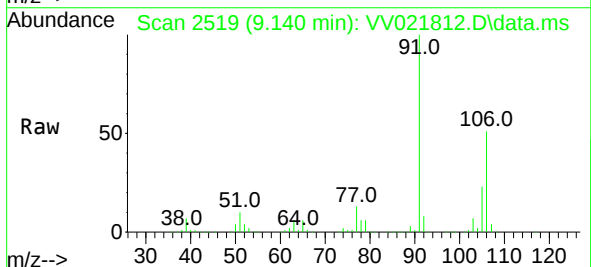
Acq: 17 Aug 2021 13:19

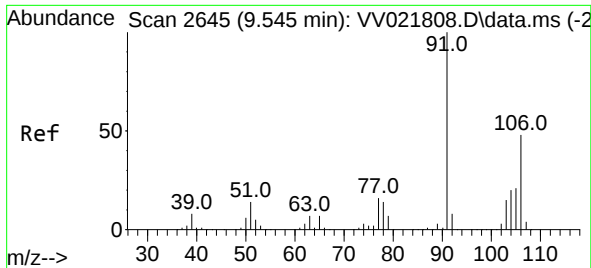
Tgt Ion: 106 Resp: 272331

Ion Ratio Lower Upper

106 100

91 197.0 139.2 258.6

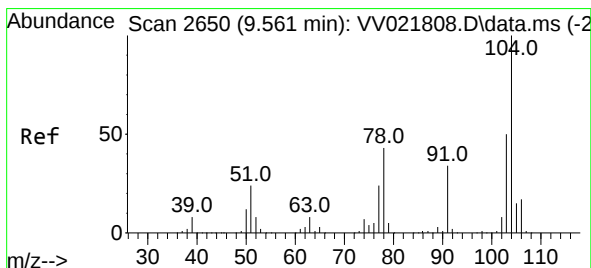
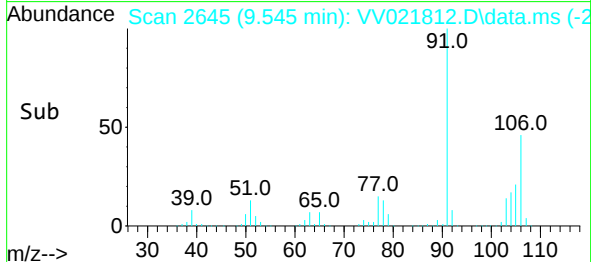
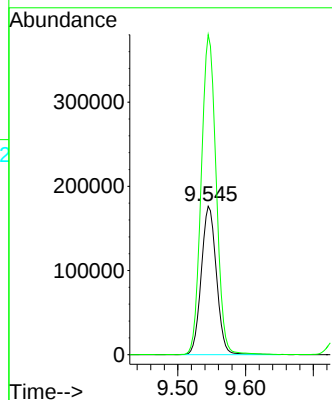
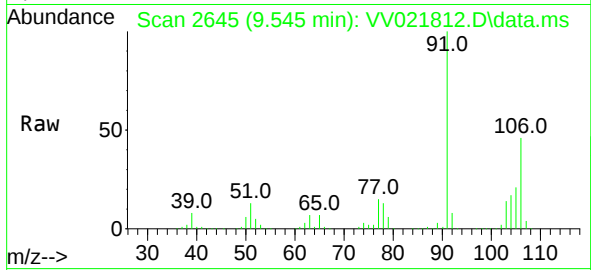




#54
o-Xylene
Concen: 48.531 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

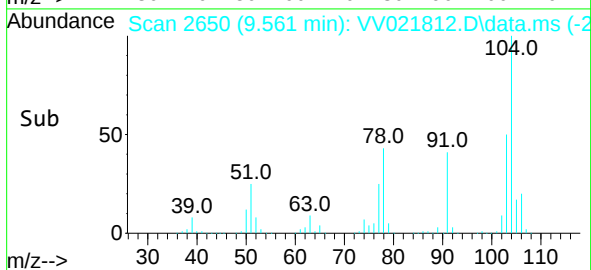
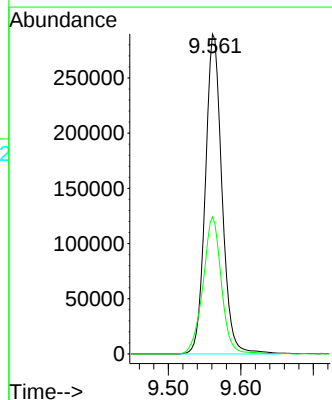
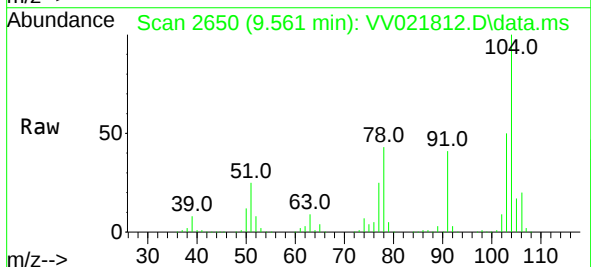
Instrument :
MSVOA_V
ClientSampled :

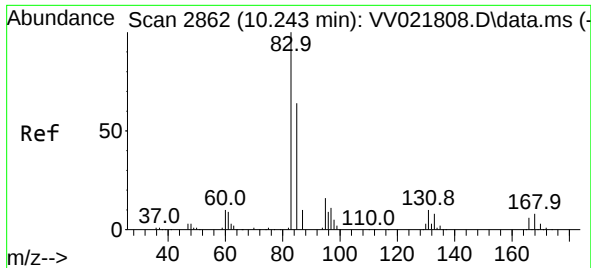
Tgt Ion:106 Resp: 273180
Ion Ratio Lower Upper
106 100
91 215.5 148.1 275.0



#55
Styrene
Concen: 49.079 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:104 Resp: 462627
Ion Ratio Lower Upper
104 100
78 42.9 30.2 56.2

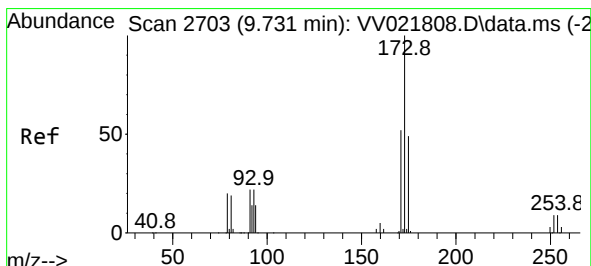
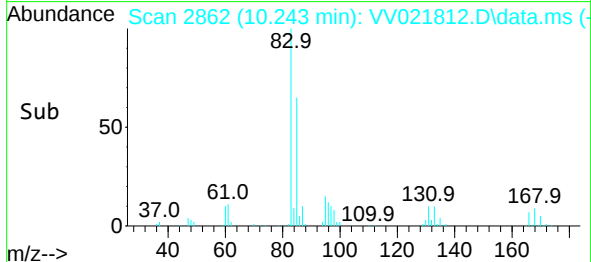
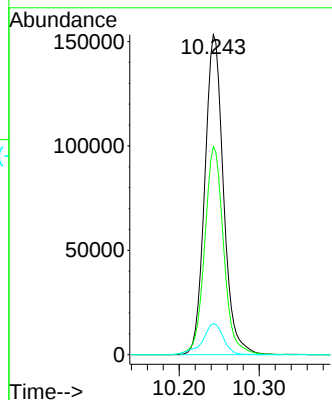
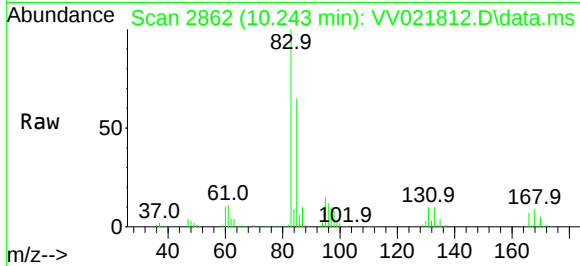




#57
1,1,2,2-Tetrachloroethane
Concen: 54.856 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

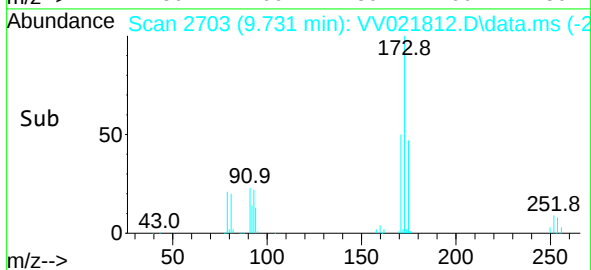
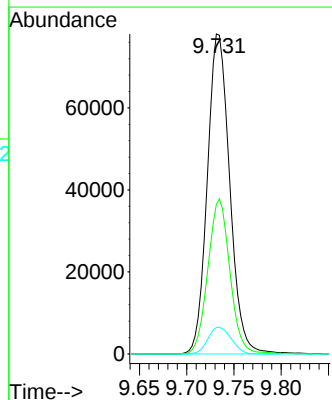
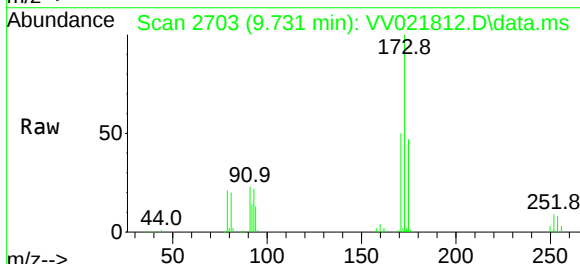
Instrument :
MSVOA_V
ClientSampled :

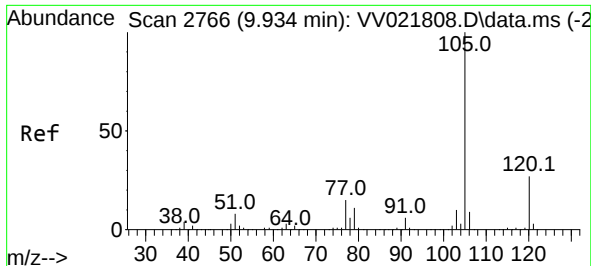
Tgt Ion: 83 Resp: 249097
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5
131 9.7 7.9 11.9



#59
Bromoform
Concen: 50.374 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 173 Resp: 128792
Ion Ratio Lower Upper
173 100
175 47.5 38.6 58.0
254 8.6 7.2 10.8

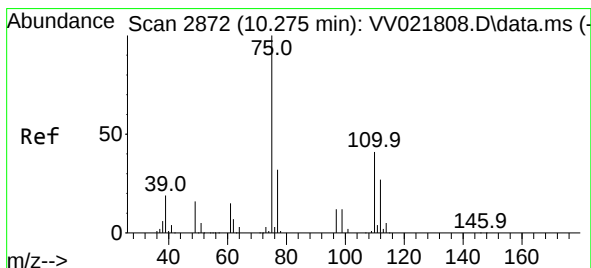
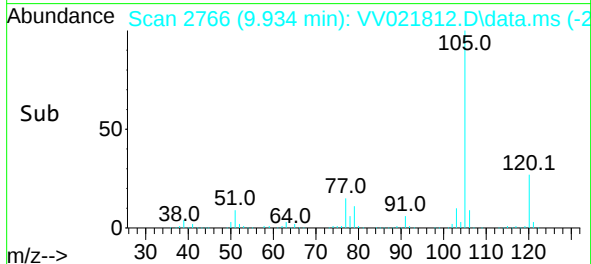
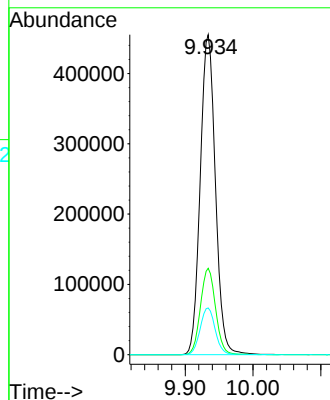
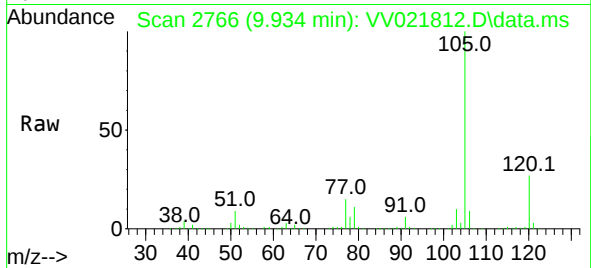




#60
Isopropylbenzene
Concen: 48.988 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

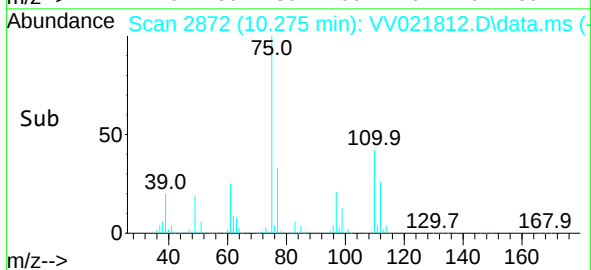
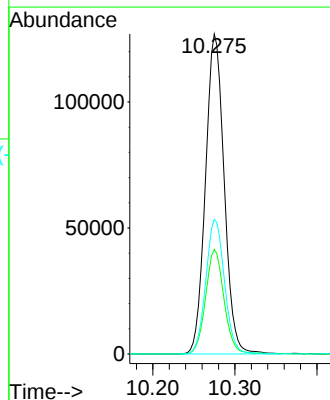
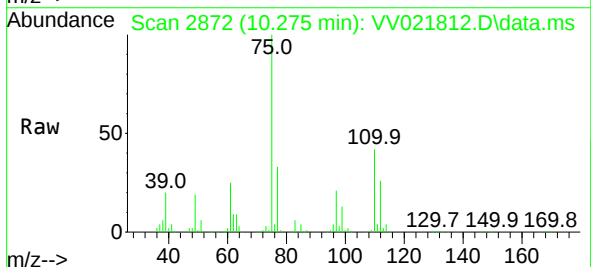
Instrument :
MSVOA_V
ClientSampled :

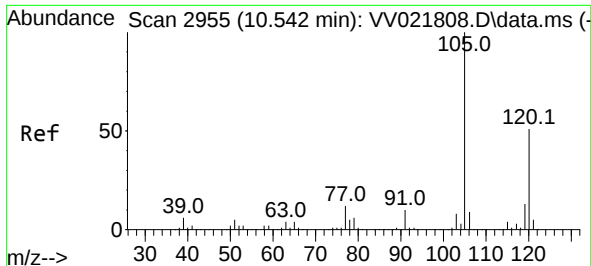
Tgt Ion:105 Resp: 706361
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 50.593 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 75 Resp: 201085
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 42.0 33.4 50.2

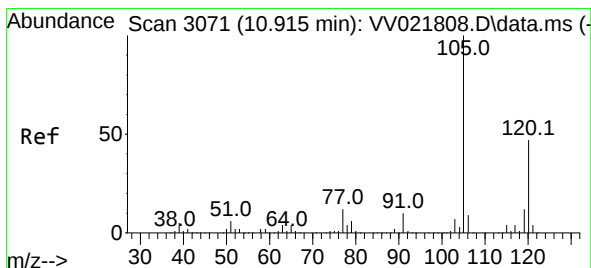
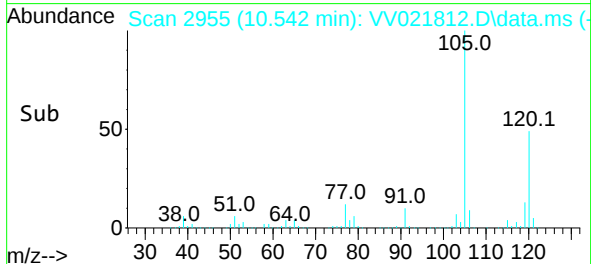
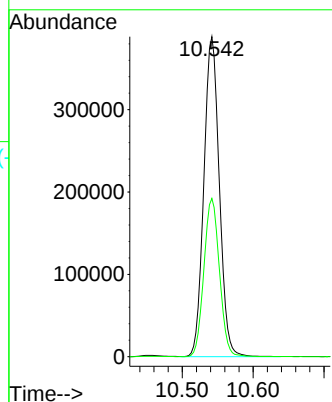
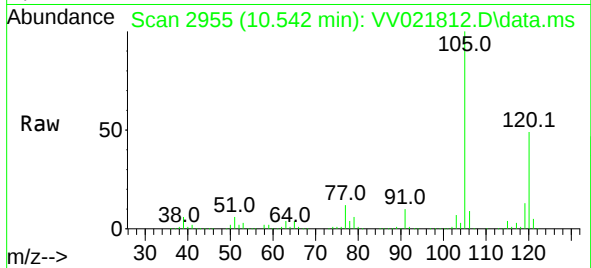




#62
1,3,5-Trimethylbenzene
Concen: 48.715 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

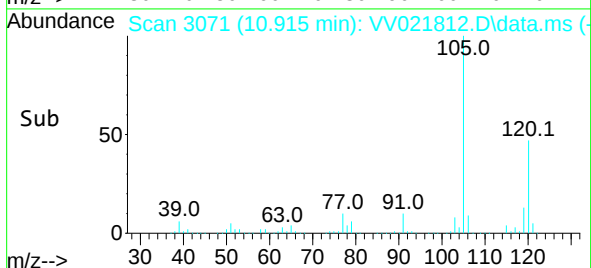
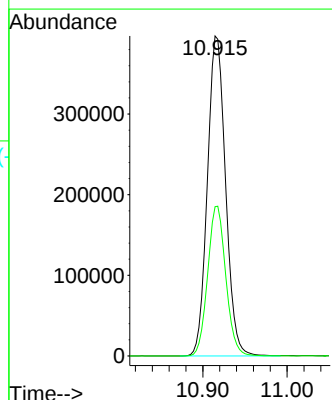
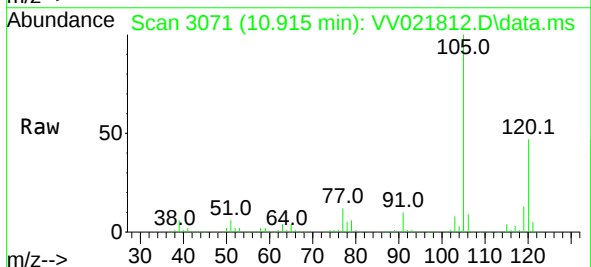
Instrument :
MSVOA_V
ClientSampleId :

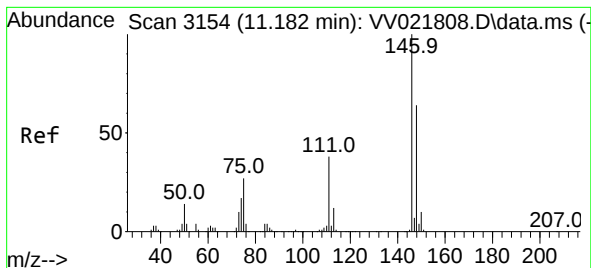
Tgt Ion:105 Resp: 589456
Ion Ratio Lower Upper
105 100
120 49.6 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 48.479 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:105 Resp: 596440
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 47.357 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV021812.D

Acq: 17 Aug 2021 13:19

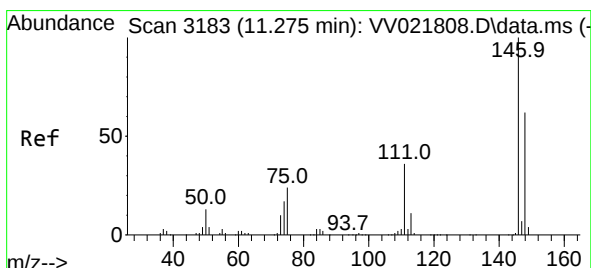
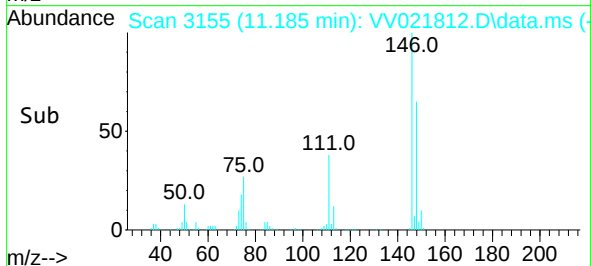
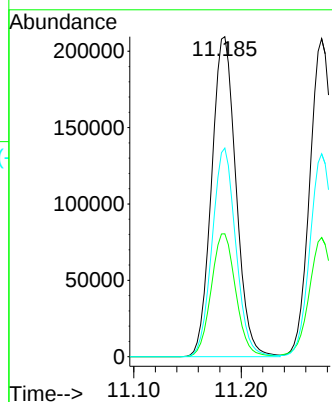
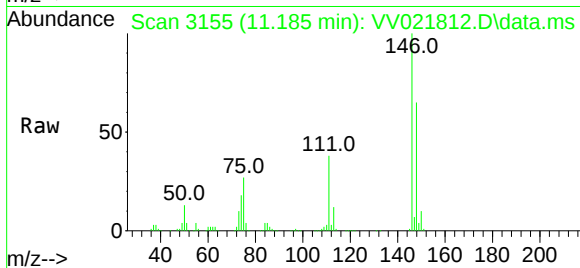
Tgt Ion:146 Resp: 330686

Ion Ratio Lower Upper

146 100

111 38.4 26.5 49.1

148 65.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 46.736 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV021812.D

Acq: 17 Aug 2021 13:19

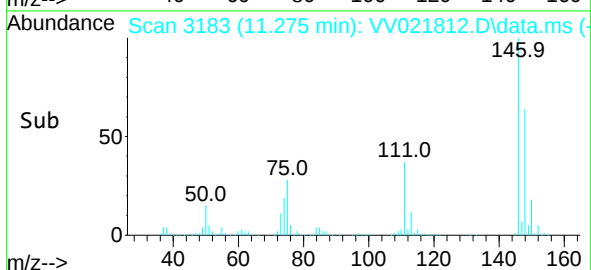
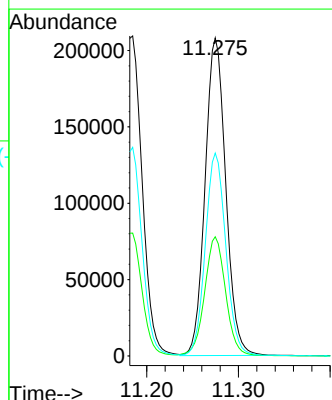
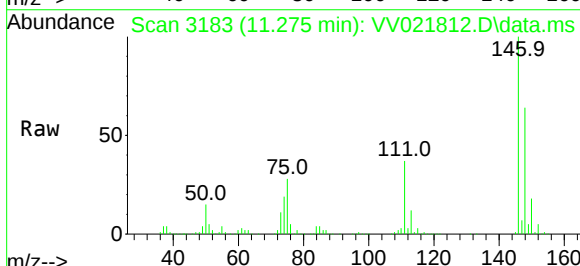
Tgt Ion:146 Resp: 325755

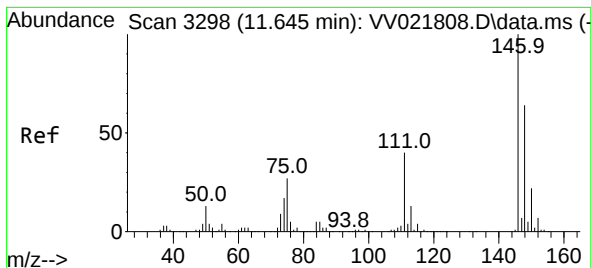
Ion Ratio Lower Upper

146 100

111 37.5 26.2 48.6

148 63.8 45.1 83.9

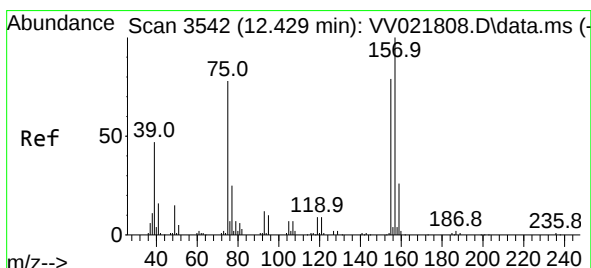
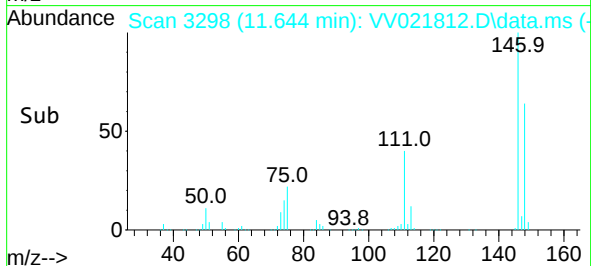
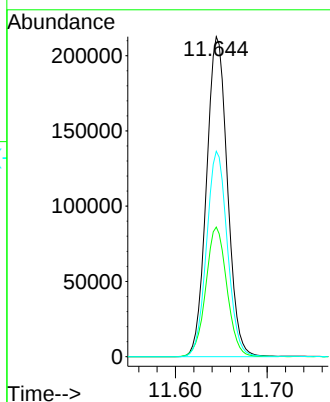
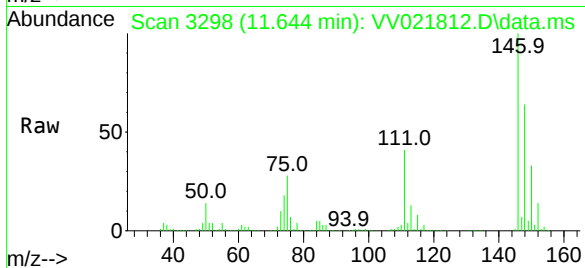




#67
1,2-Dichlorobenzene
Concen: 47.882 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

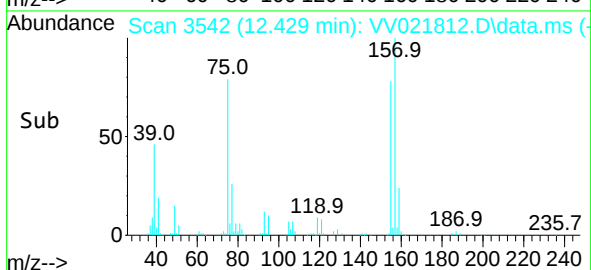
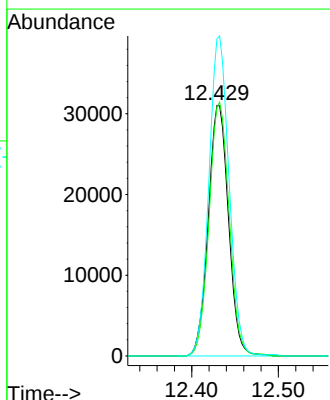
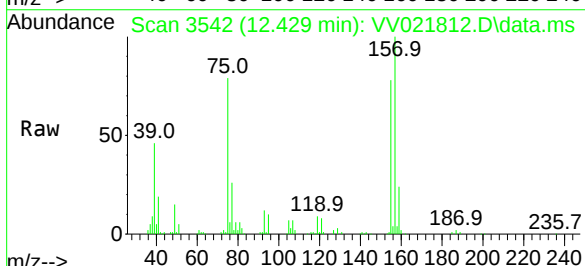
Instrument :
MSVOA_V
ClientSampleId :

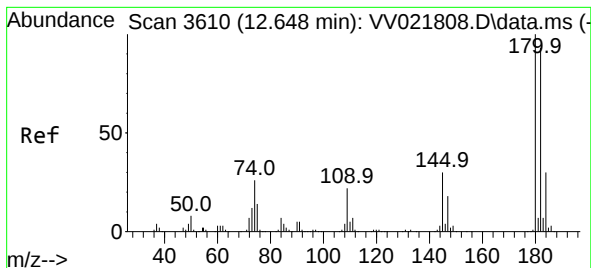
Tgt Ion:146 Resp: 337287
Ion Ratio Lower Upper
146 100
111 40.5 31.8 47.8
148 64.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.274 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion: 75 Resp: 50515
Ion Ratio Lower Upper
75 100
155 99.3 77.8 116.8
157 126.5 99.4 149.0

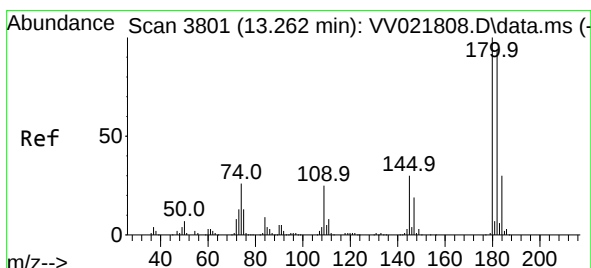
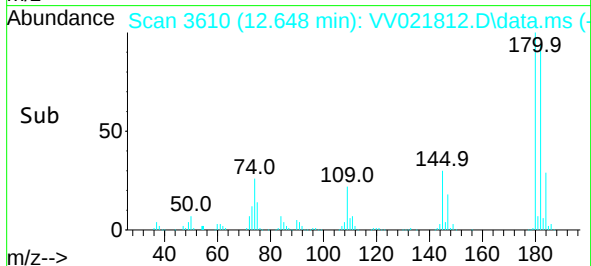
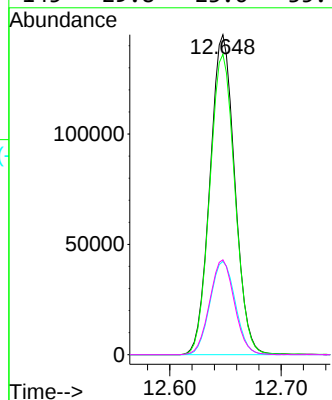
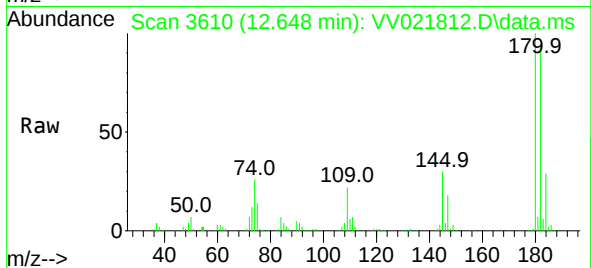




#69
1,3,5-Trichlorobenzene
Concen: 44.185 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

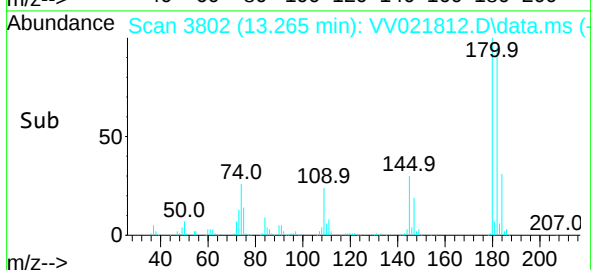
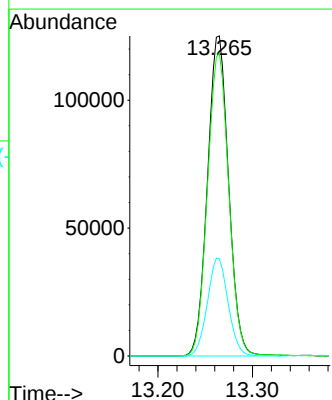
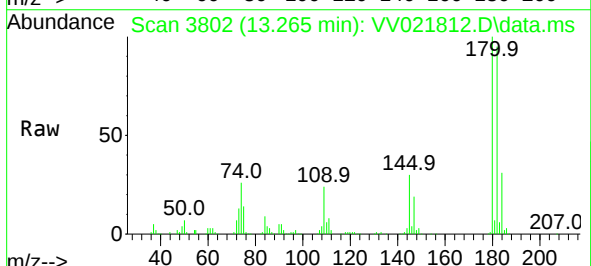
Instrument :
MSVOA_V
ClientSampled :

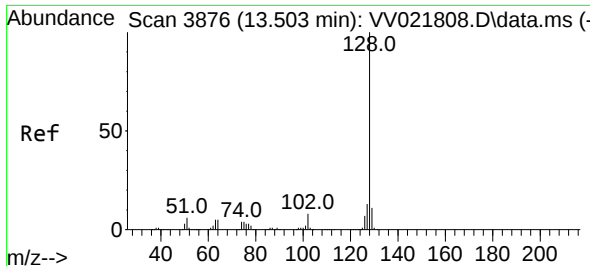
Tgt Ion:180 Resp: 223647
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
184 29.8 24.1 36.1
145 29.8 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 45.736 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:180 Resp: 194155
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 30.0 23.9 35.9

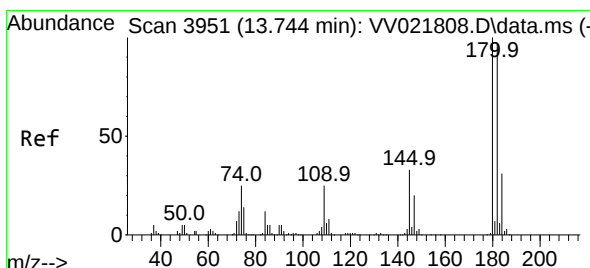
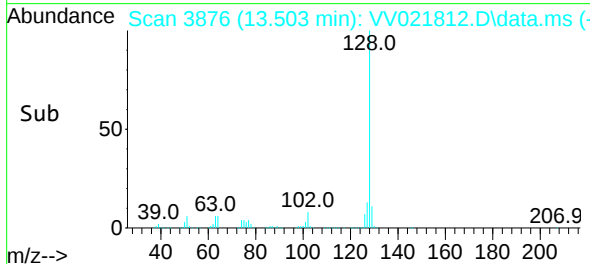
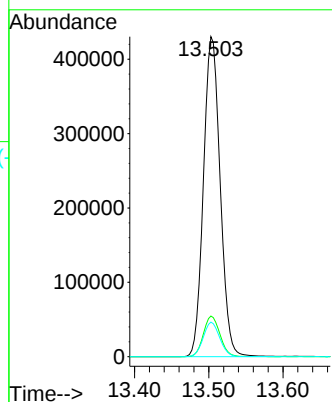
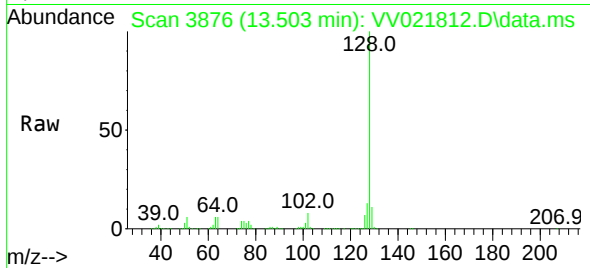




#71
Naphthalene
Concen: 54.537 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 672503
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 47.828 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021812.D
Acq: 17 Aug 2021 13:19

Tgt Ion:180 Resp: 203963
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.2
145 31.9 25.6 38.4

