

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021850.D
 Acq On : 18 Aug 2021 05:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 06:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	423579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	394403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	206185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161130	48.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.320%
7) Chloroethane-d5	1.558	69	121576	48.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.300%
11) 1,1-Dichloroethene-d2	2.105	63	231642	43.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.900%
21) 2-Butanone-d5	3.873	46	226415	109.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.940%
24) Chloroform-d	4.349	84	288388	50.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
26) 1,2-Dichloroethane-d4	5.030	65	169712	51.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
32) Benzene-d6	5.050	84	587838	51.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
36) 1,2-Dichloropropane-d6	6.072	67	182415	51.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.300%
41) Toluene-d8	7.317	98	539215	51.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	7.622	79	80937	46.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.120%
47) 2-Hexanone-d5	8.088	63	139973	120.919	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	248596	56.799	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	216654	50.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151397	46.200	ug/L	100
3) Chloromethane	1.240	50	163695	48.100	ug/L	100
5) Vinyl chloride	1.307	62	161447	48.177	ug/L	100
6) Bromomethane	1.510	94	101209	50.247	ug/L	97
8) Chloroethane	1.577	64	98565	49.220	ug/L	99
9) Trichlorofluoromethane	1.748	101	224553	48.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	112682	42.865	ug/L	98
12) 1,1-Dichloroethene	2.114	96	111837	44.665	ug/L	97
13) Acetone	2.159	43	118209	69.757	ug/L #	100
14) Carbon disulfide	2.291	76	412131	48.919	ug/L	100
15) Methyl Acetate	2.426	43	175186	56.273	ug/L	99
16) Methylene chloride	2.503	84	166201	47.720	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	151311	51.499	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	469157	51.920	ug/L	100
19) 1,1-Dichloroethane	3.188	63	270034	51.630	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	167042	49.097	ug/L	99
22) 2-Butanone	3.957	43	235395	95.383	ug/L	100
23) Bromochloromethane	4.249	128	87938	48.717	ug/L	97
25) Chloroform	4.375	83	272076	48.346	ug/L	99

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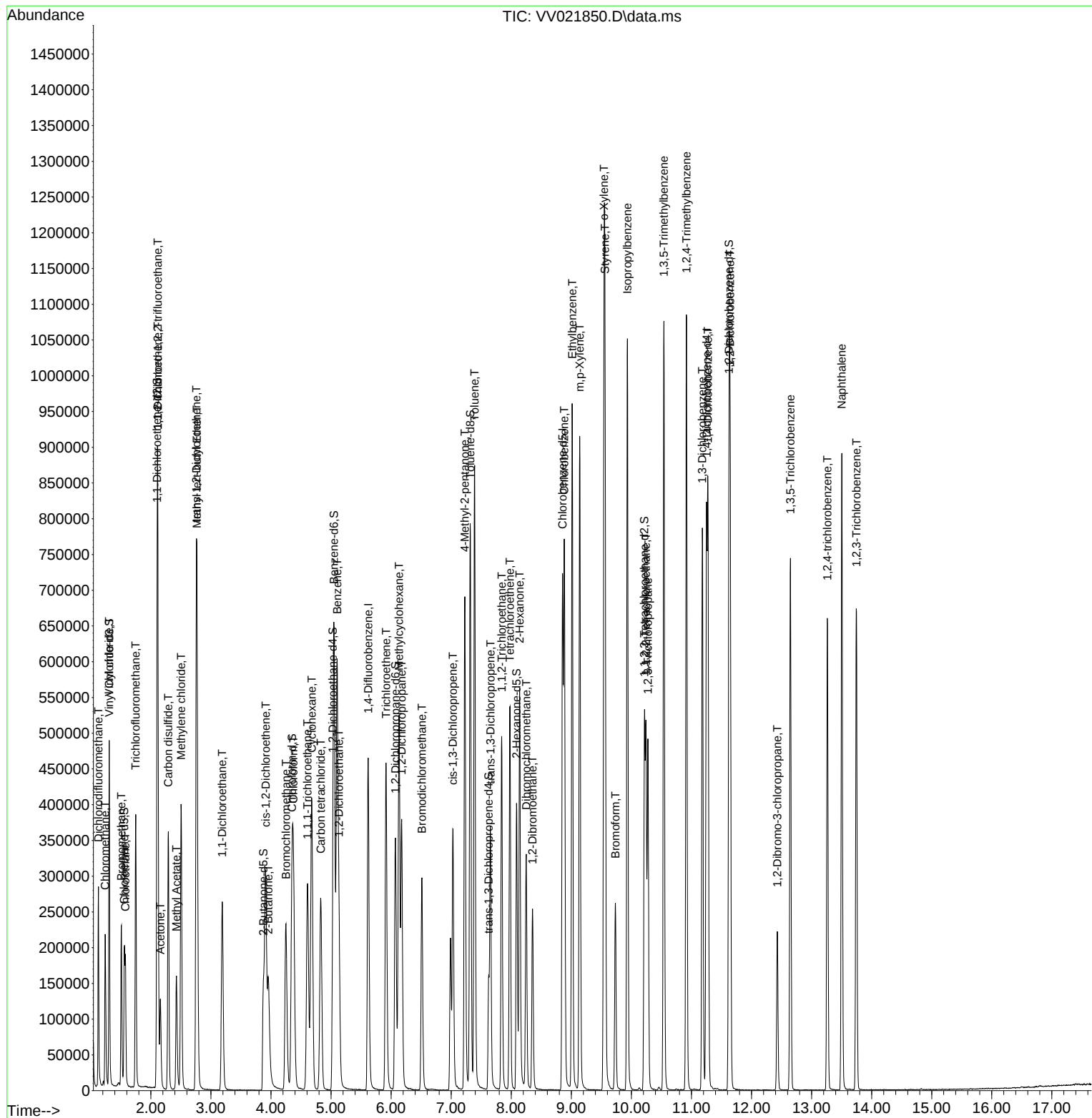
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	193363	48.766	ug/L	100
29) Cyclohexane	4.677	56	235540	48.491	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	240641	48.760	ug/L	99
31) Carbon tetrachloride	4.828	117	206025	48.245	ug/L	100
33) Benzene	5.101	78	607406	50.046	ug/L	100
34) Trichloroethene	5.915	95	161080	46.184	ug/L	98
35) Methylcyclohexane	6.133	83	235985	46.377	ug/L	100
37) 1,2-Dichloropropane	6.175	63	154794	50.369	ug/L	100
38) Bromodichloromethane	6.513	83	201242	49.683	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	229455	47.151	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	446983	105.734	ug/L	99
42) Toluene	7.390	91	646460	49.871	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	211926	46.211	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	156128	50.714	ug/L	98
46) Tetrachloroethene	7.979	164	123940	47.816	ug/L	100
48) 2-Hexanone	8.140	43	339319	103.622	ug/L	98
49) Dibromochloromethane	8.249	129	169900	49.984	ug/L	98
50) 1,2-Dibromoethane	8.355	107	169640	50.635	ug/L	100
51) Chlorobenzene	8.882	112	418103	49.401	ug/L	99
52) Ethylbenzene	9.014	91	691475	50.001	ug/L	100
53) m,p-Xylene	9.140	106	267674	49.942	ug/L	100
54) o-Xylene	9.545	106	267675	50.384	ug/L	99
55) Styrene	9.561	104	405622	45.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	241193	56.277	ug/L	99
59) Bromoform	9.734	173	119924	48.928	ug/L	99
60) Isopropylbenzene	9.934	105	696281	50.370	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	196454	51.558	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	579004	49.914	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	593376	50.309	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	330490	49.370	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	331687	49.639	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	335699	49.711	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	50401	54.405	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	232851	47.987	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	201536	49.522	ug/L	99
71) Naphthalene	13.503	128	683291	57.801	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	211242	51.670	ug/L	99

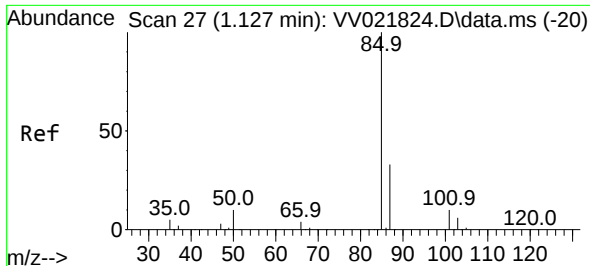
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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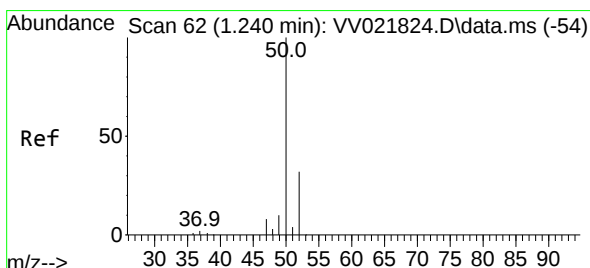
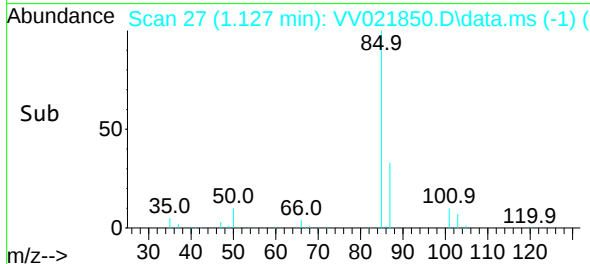
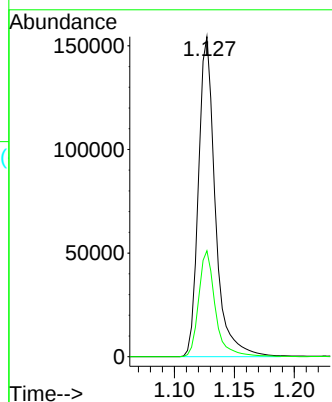
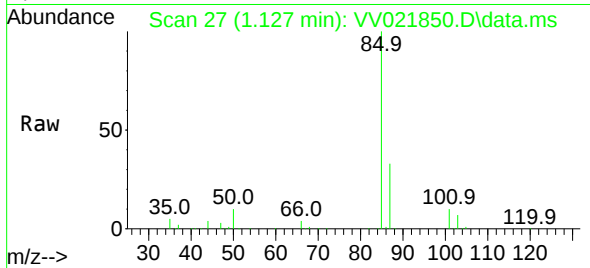




#2
Dichlorodifluoromethane
Concen: 46.200 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

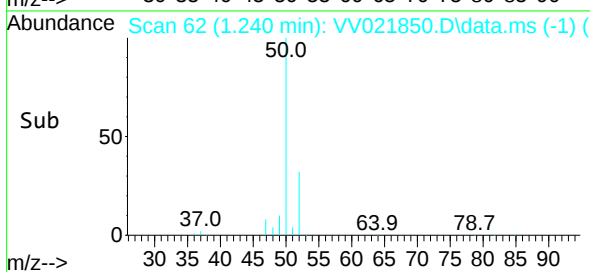
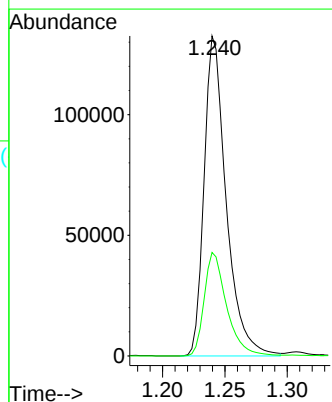
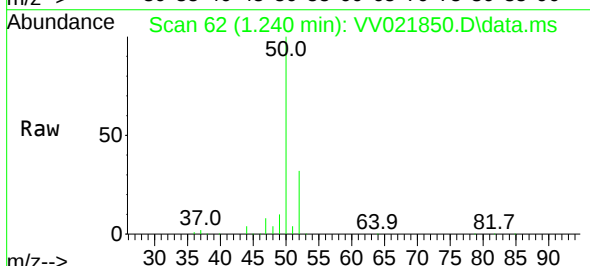
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MSVOA_V
ClientSampleId :

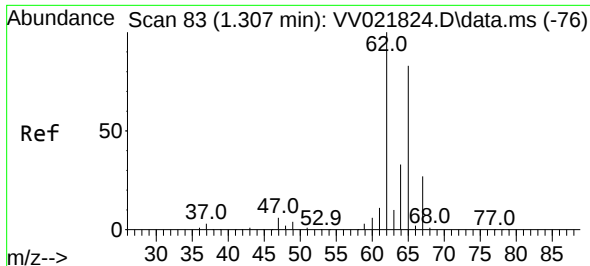
Tgt Ion: 85 Resp: 151397
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 48.100 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 50 Resp: 163695
Ion Ratio Lower Upper
50 100
52 32.3 22.7 42.1

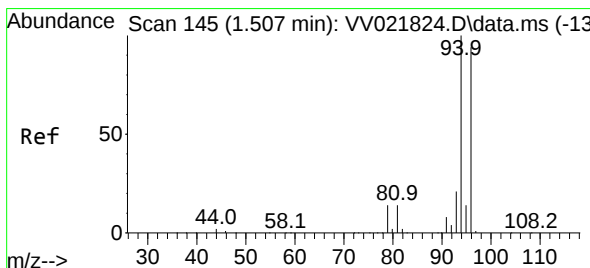
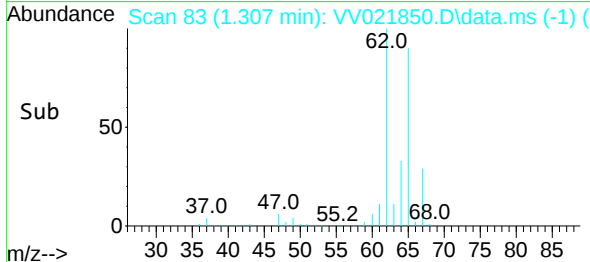
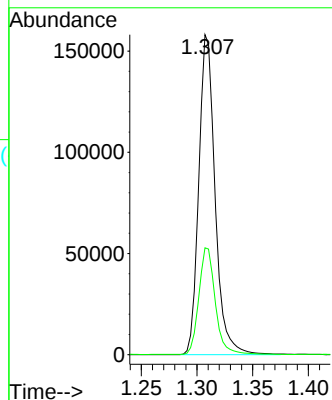
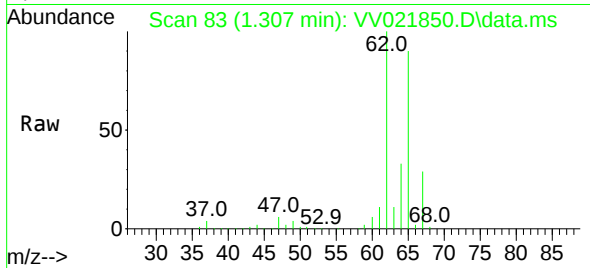




#5
 Vinyl chloride
 Concen: 48.177 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021850.D
 Acq: 18 Aug 2021 05:47

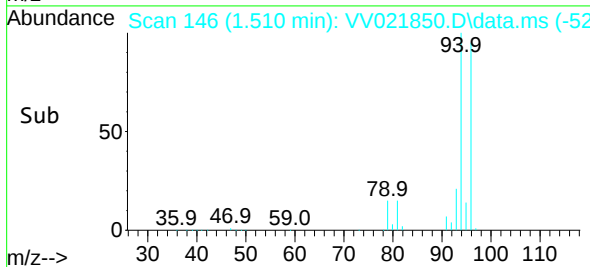
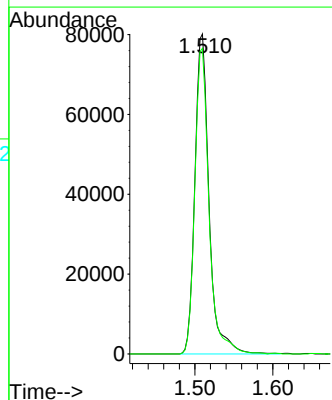
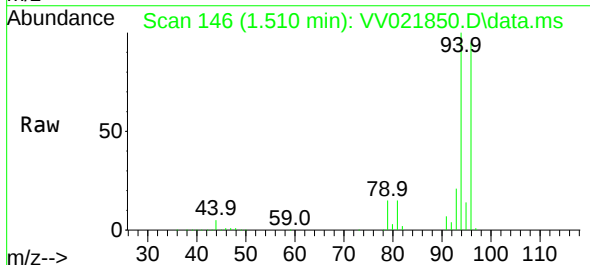
Instrument :
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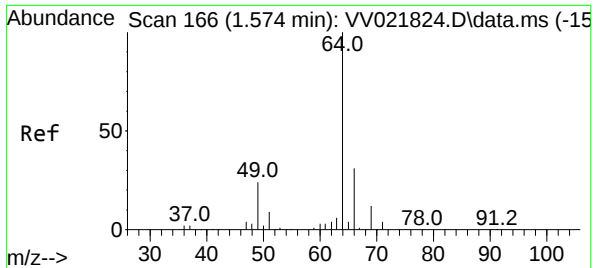
Tgt Ion: 62 Resp: 161447
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 50.247 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VV021850.D
 Acq: 18 Aug 2021 05:47

Tgt Ion: 94 Resp: 101209
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.8 120.3

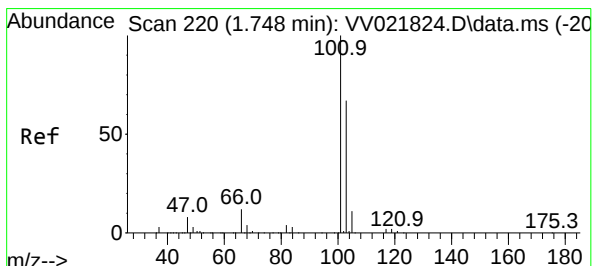
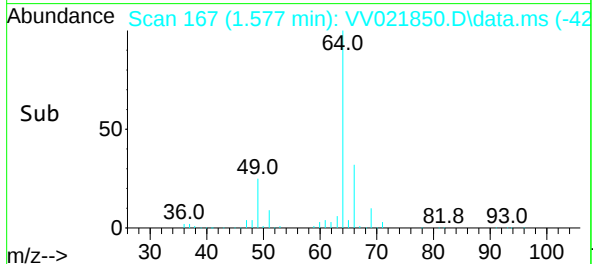
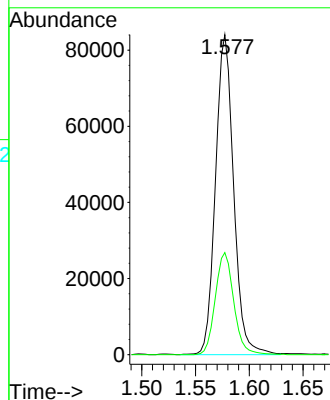
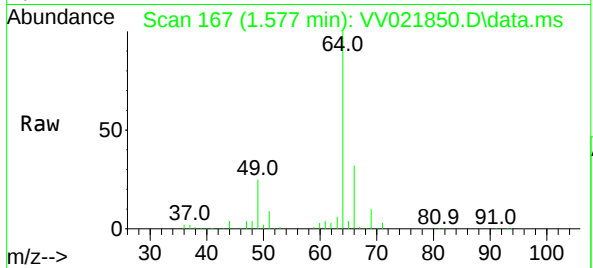




#8
Chloroethane
Concen: 49.220 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

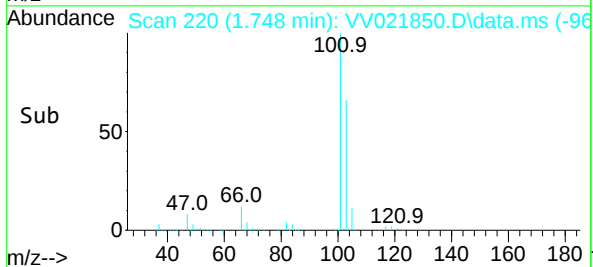
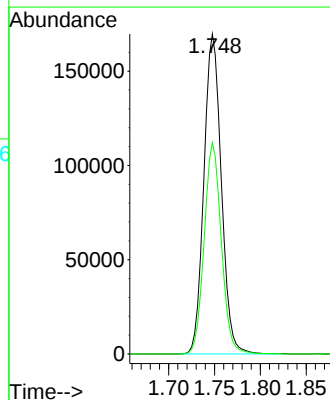
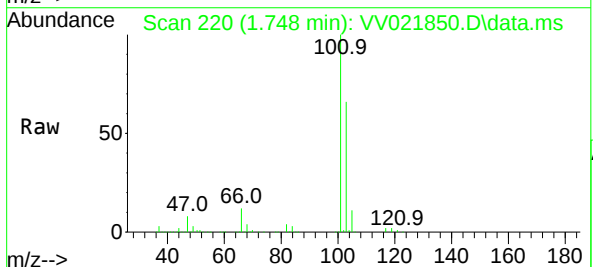
Instrument :
MSVOA_V
ClientSampled :

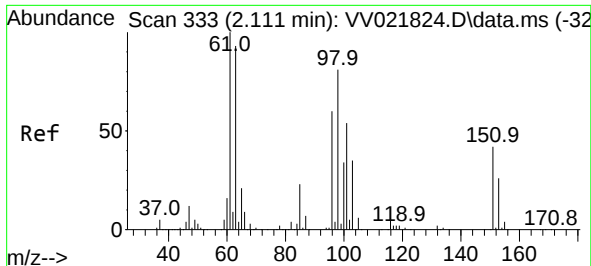
Tgt Ion: 64 Resp: 98565
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 48.906 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:101 Resp: 224553
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

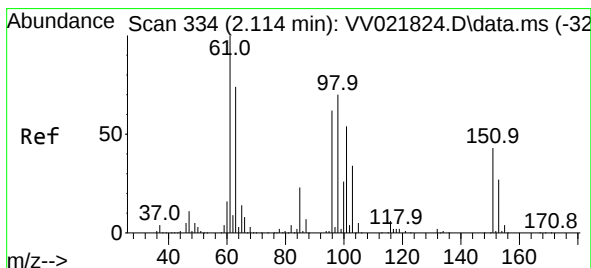
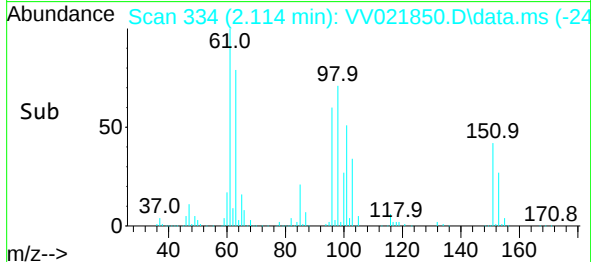
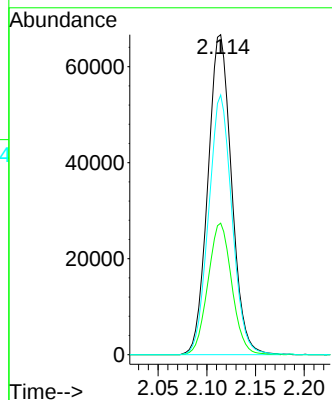
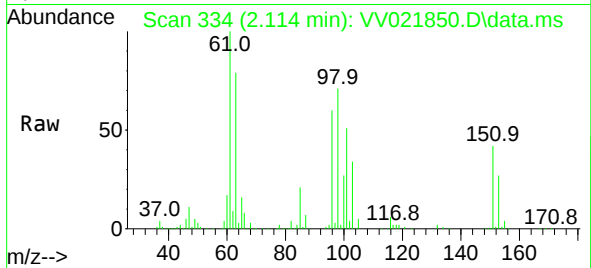




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.865 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV021850.D
 Acq: 18 Aug 2021 05:47

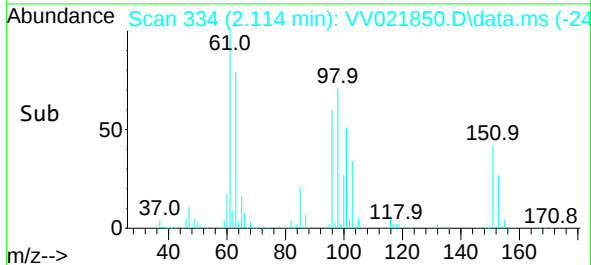
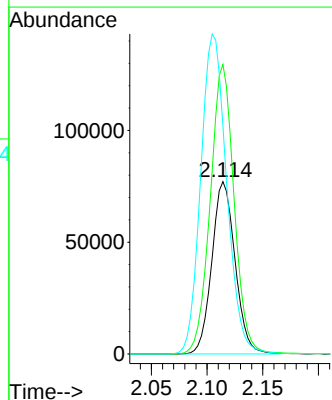
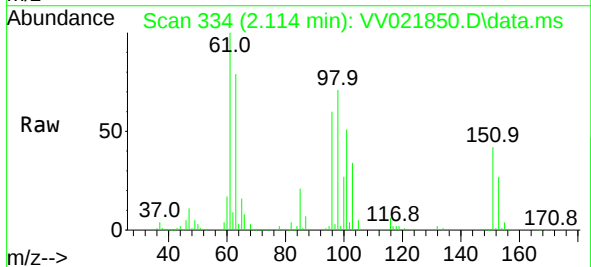
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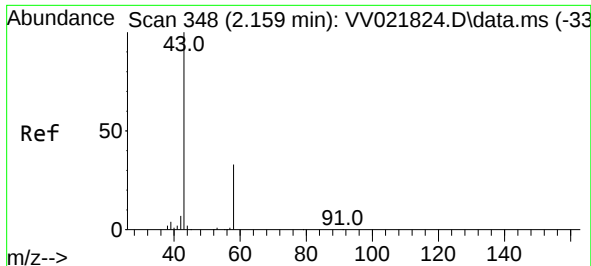
Tgt Ion:101 Resp: 112682
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.4 50.2
 151 80.3 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 44.665 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021850.D
 Acq: 18 Aug 2021 05:47

Tgt Ion: 96 Resp: 111837
 Ion Ratio Lower Upper
 96 100
 61 168.0 115.5 214.5
 63 132.5 90.3 167.7

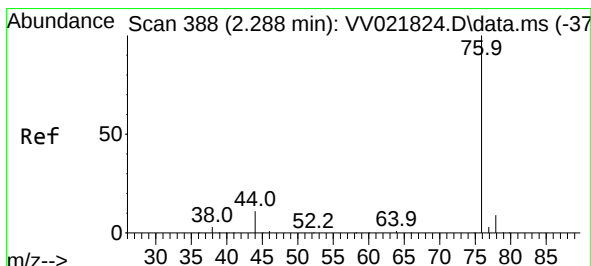
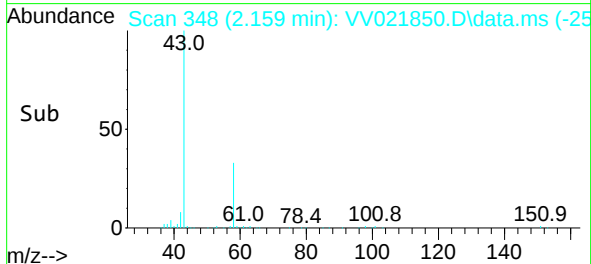
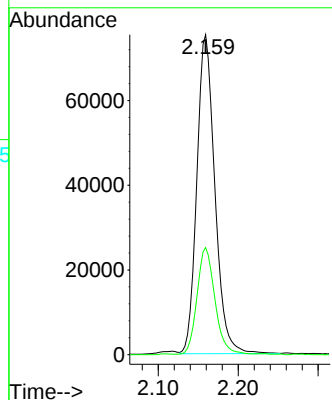
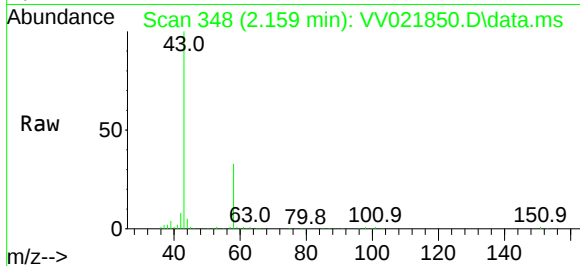




#13
Acetone
Concen: 69.757 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

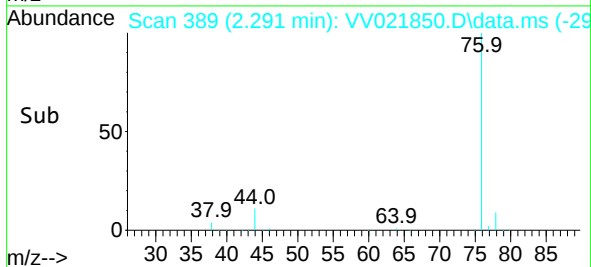
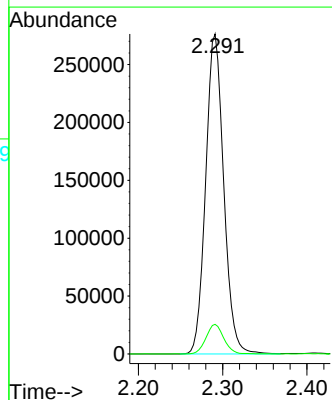
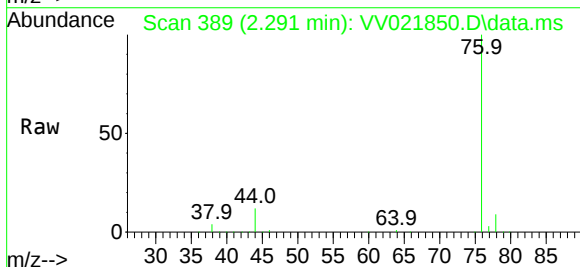
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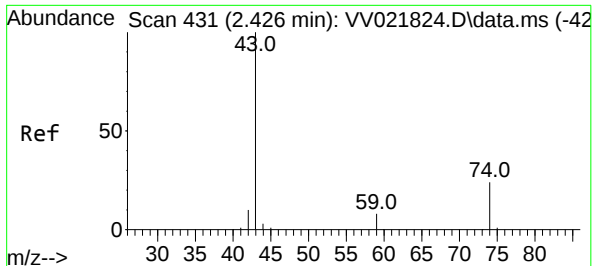
Tgt Ion: 43 Resp: 118209
Ion Ratio Lower Upper
43 100
58 33.2 0.0 0.0#



#14
Carbon disulfide
Concen: 48.919 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021850.D
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Tgt Ion: 76 Resp: 412131
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

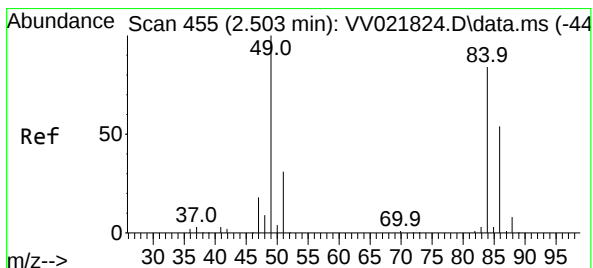
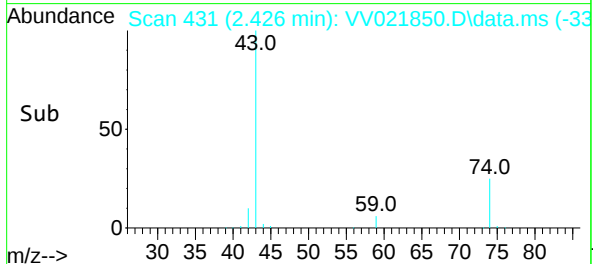
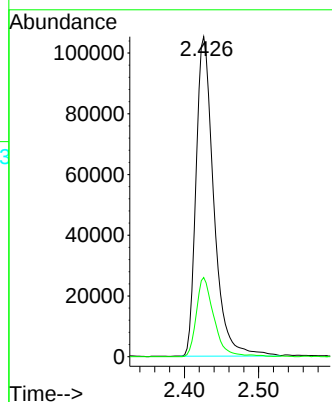
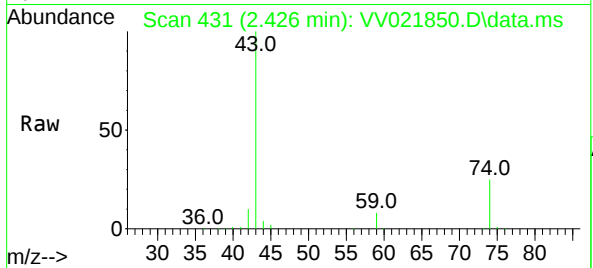




#15
Methyl Acetate
Concen: 56.273 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

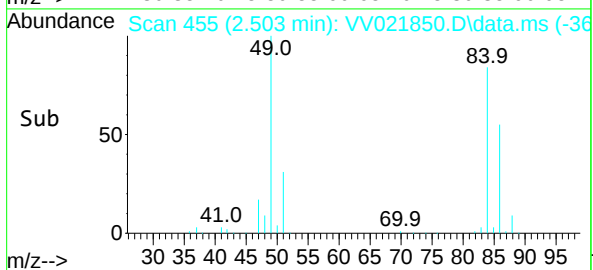
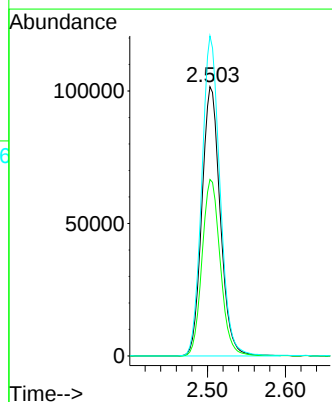
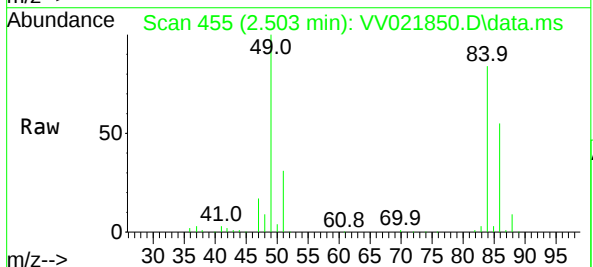
Instrument :
MSVOA_V
ClientSampled :

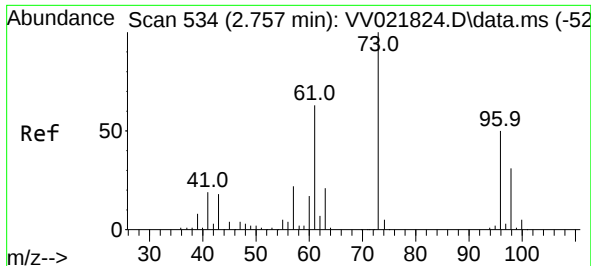
Tgt Ion: 43 Resp: 175186
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.6



#16
Methylene chloride
Concen: 47.720 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 84 Resp: 166201
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 118.9 82.5 153.3



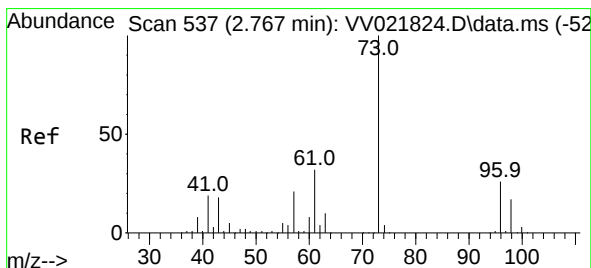
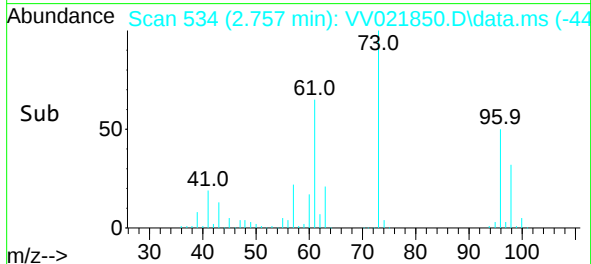
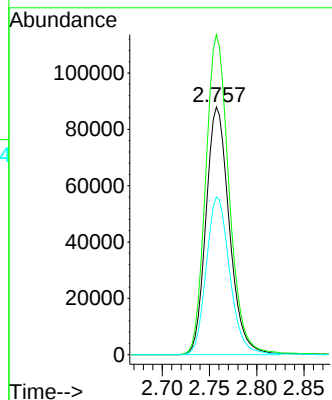
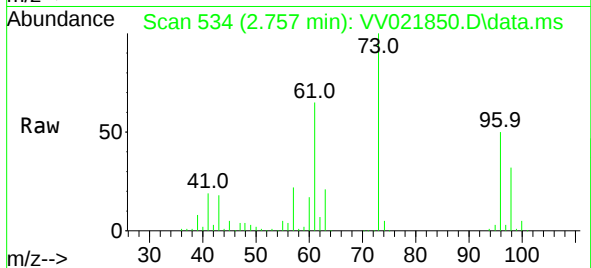


#17

trans-1,2-Dichloroethene
Concen: 51.499 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 96 Resp: 151311
Ion Ratio Lower Upper
96 100
61 129.2 90.4 168.0
98 63.7 44.4 82.5

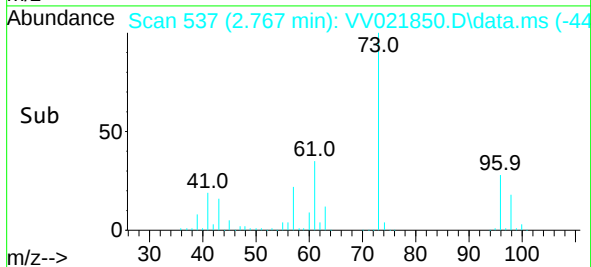
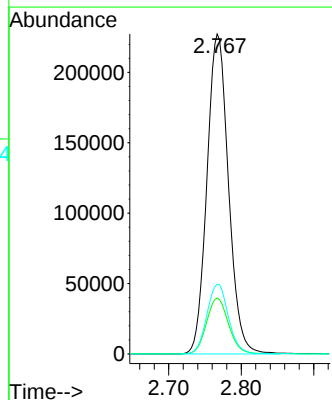
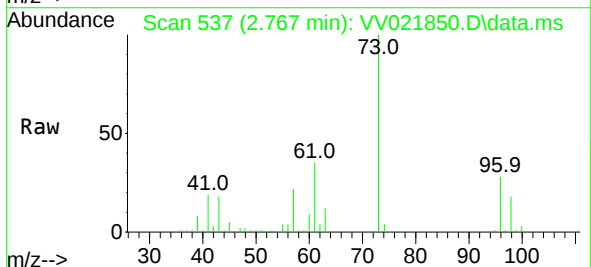
Instrument :
MSVOA_V
ClientSampleId :

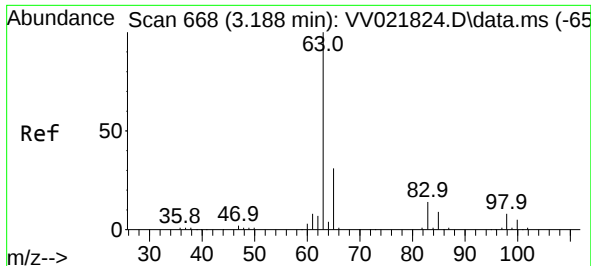


#18

Methyl tert-butyl Ether
Concen: 51.920 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 73 Resp: 469157
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.4
57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 51.630 ug/L

RT: 3.188 min Scan# 668

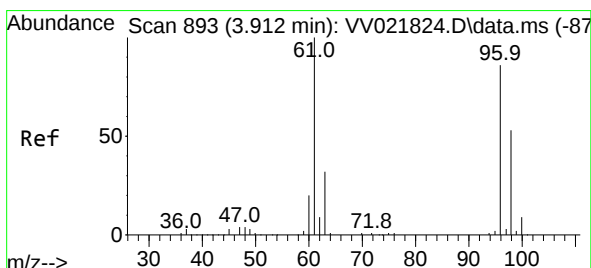
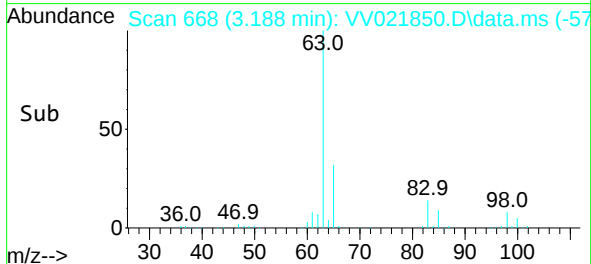
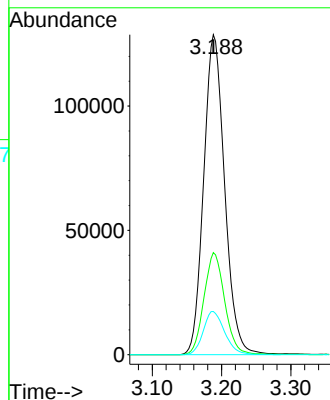
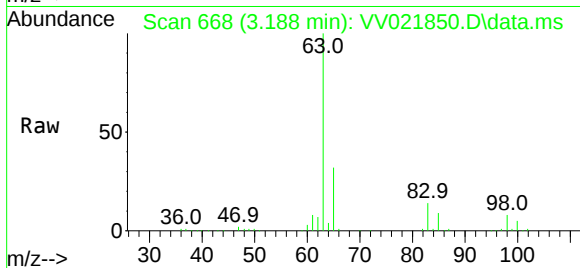
Delta R.T. -0.000 min

Lab File: VV021850.D

Acq: 18 Aug 2021 05:47

Tgt Ion: 63 Resp: 270034

Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	13.5	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 49.097 ug/L

RT: 3.912 min Scan# 893

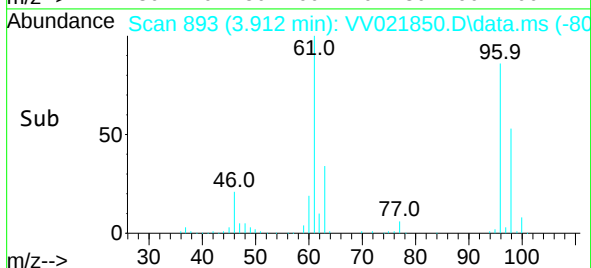
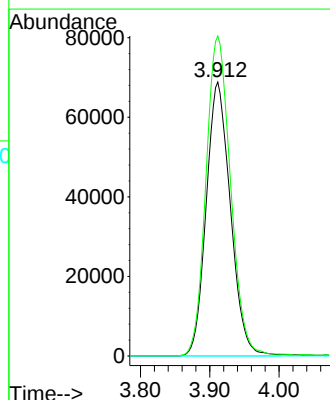
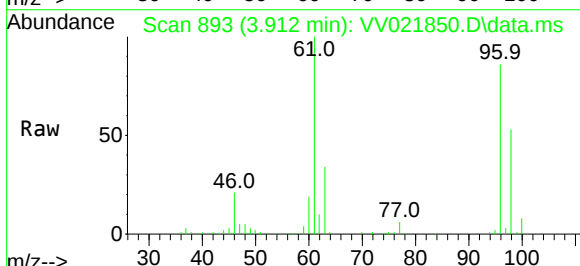
Delta R.T. -0.000 min

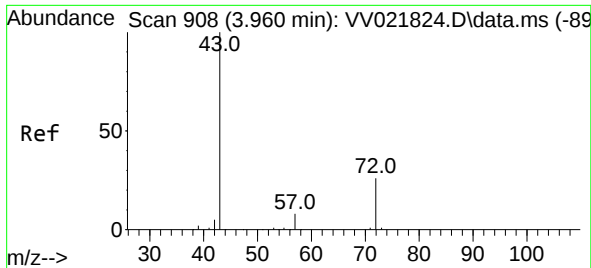
Lab File: VV021850.D

Acq: 18 Aug 2021 05:47

Tgt Ion: 96 Resp: 167042

Ion	Ratio	Lower	Upper
96	100		
61	116.8	81.0	150.4
68	0.0	0.0	0.0

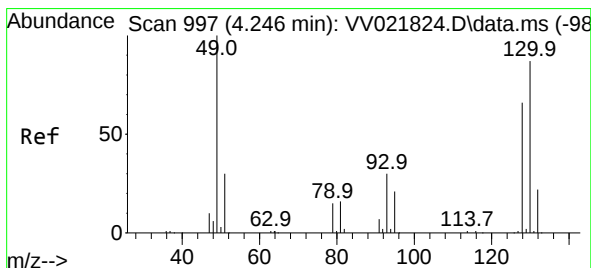
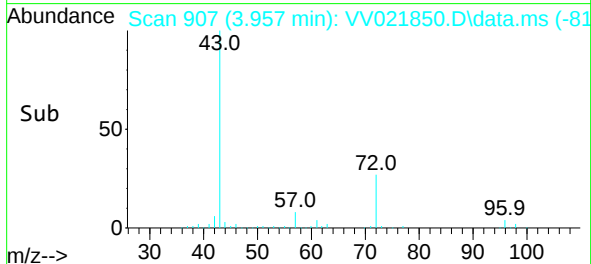
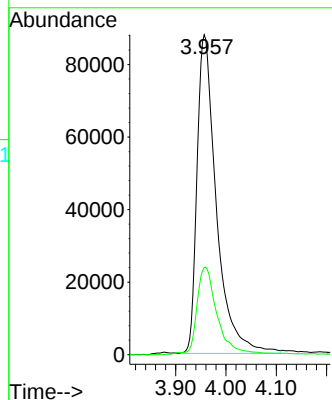
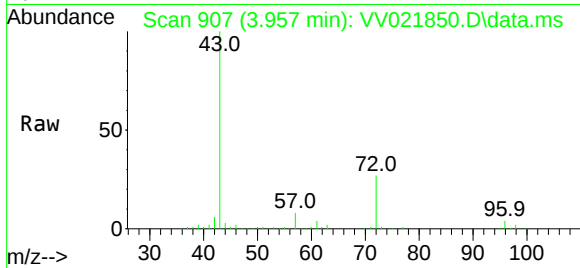




#22
2-Butanone
Concen: 95.383 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

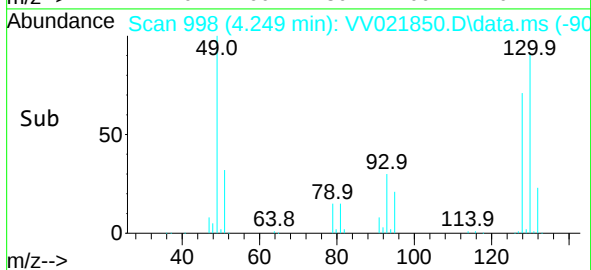
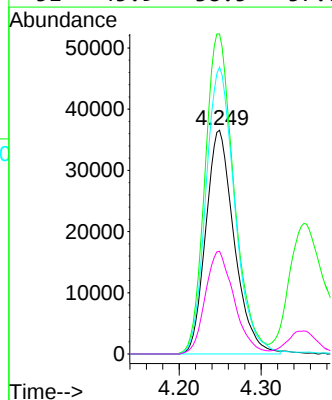
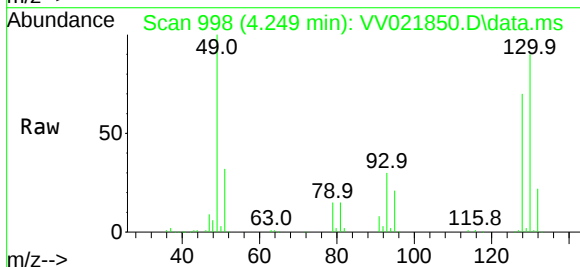
Instrument :
MSVOA_V
ClientSampleId :

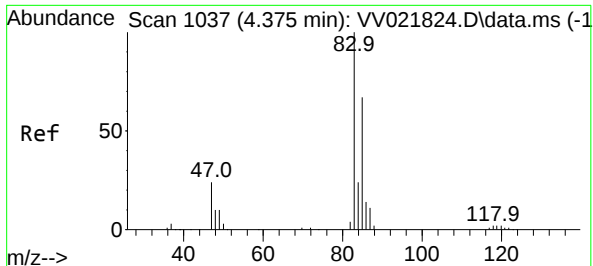
Tgt Ion: 43 Resp: 235395
Ion Ratio Lower Upper
43 100
72 27.3 13.6 40.8



#23
Bromochloromethane
Concen: 48.717 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:128 Resp: 87938
Ion Ratio Lower Upper
128 100
49 143.0 105.6 196.0
130 128.3 89.5 166.1
51 45.9 38.5 57.7





#25

Chloroform

Concen: 48.346 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021850.D

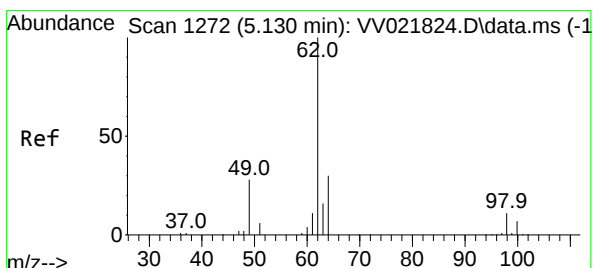
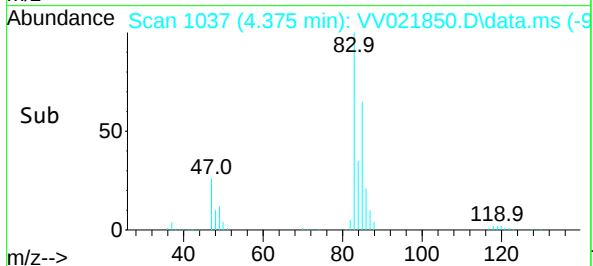
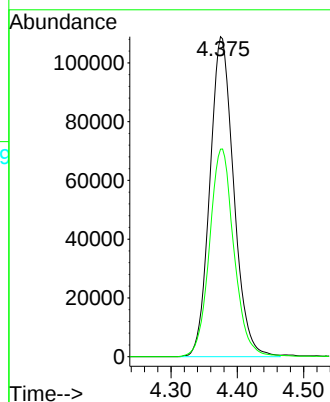
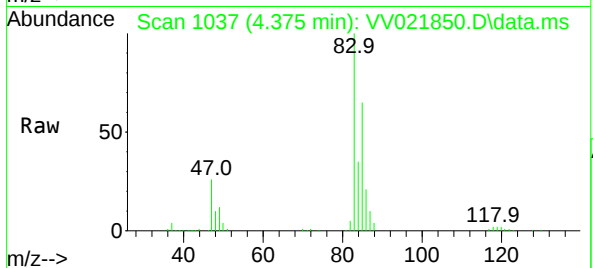
Acq: 18 Aug 2021 05:47

Tgt Ion: 83 Resp: 272076

Ion Ratio Lower Upper

83 100

85 64.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 48.766 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV021850.D

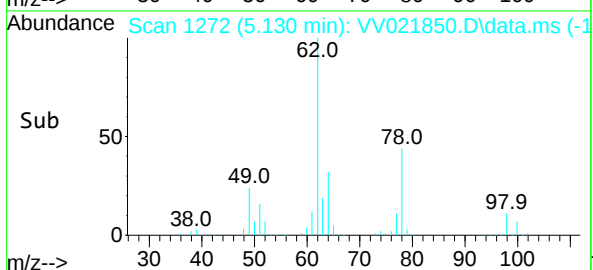
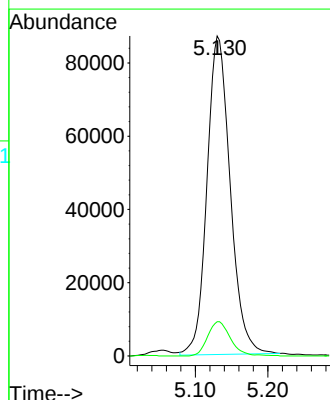
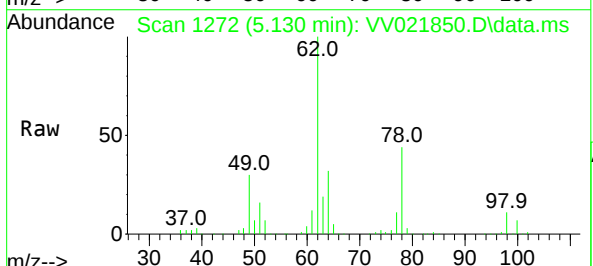
Acq: 18 Aug 2021 05:47

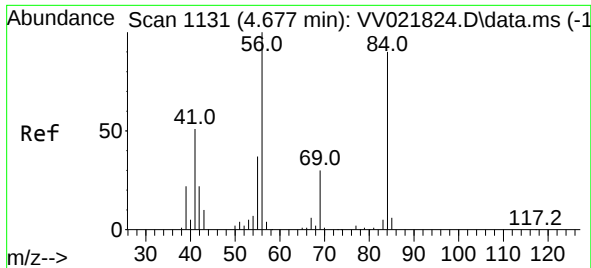
Tgt Ion: 62 Resp: 193363

Ion Ratio Lower Upper

62 100

98 10.7 8.6 13.0





#29

Cyclohexane

Concen: 48.491 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV021850.D

Acq: 18 Aug 2021 05:47

Tgt Ion: 56 Resp: 235540

Ion Ratio Lower Upper

56 100

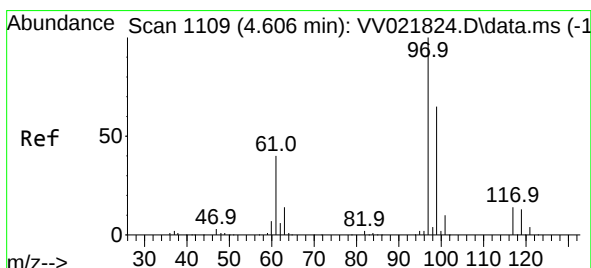
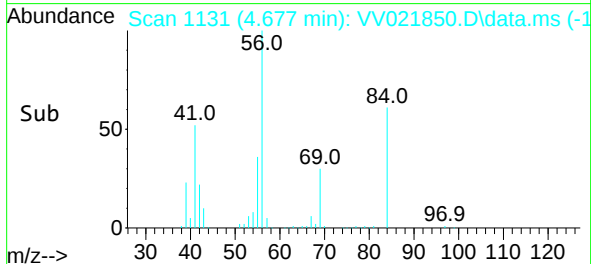
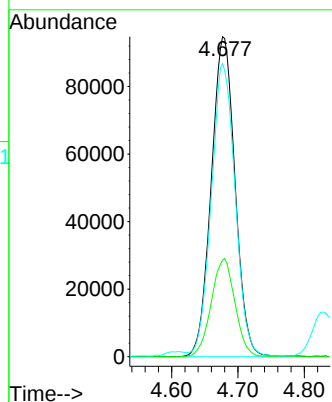
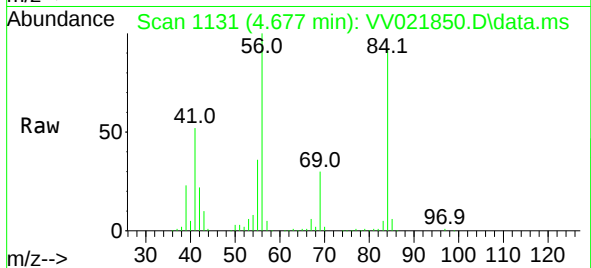
69 30.7 24.9 37.3

84 91.7 72.6 109.0

Instrument :

MSVOA_V

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.760 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021850.D

Acq: 18 Aug 2021 05:47

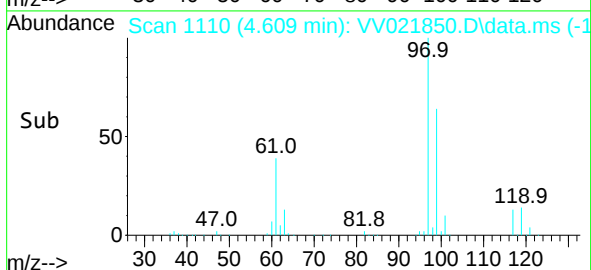
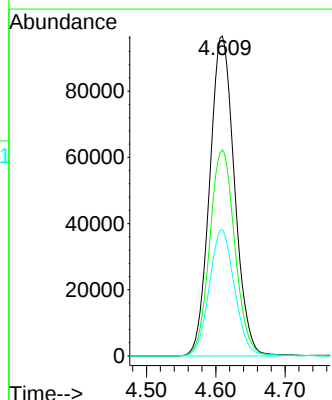
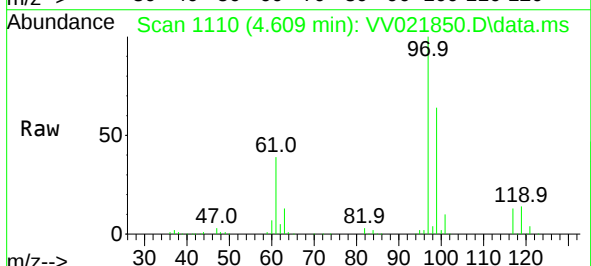
Tgt Ion: 97 Resp: 240641

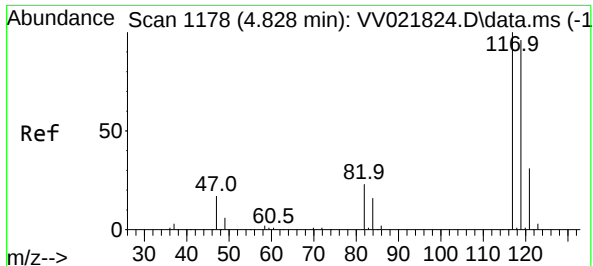
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 40.4 32.3 48.5

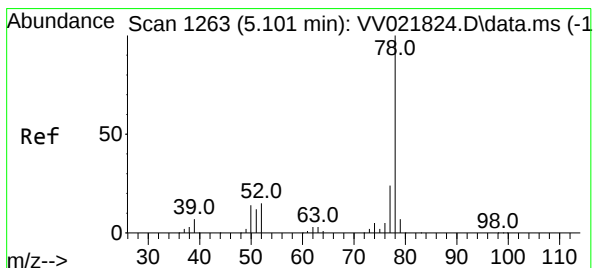
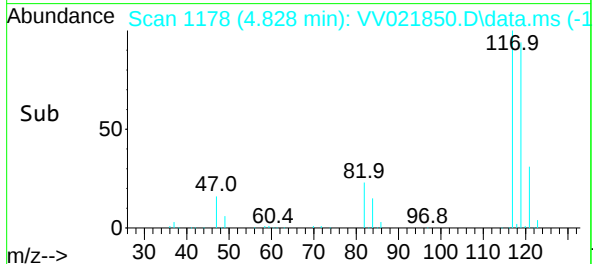
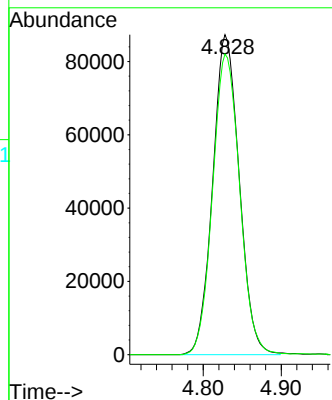
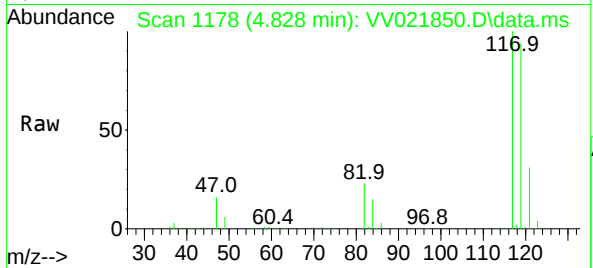




#31
Carbon tetrachloride
Concen: 48.245 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

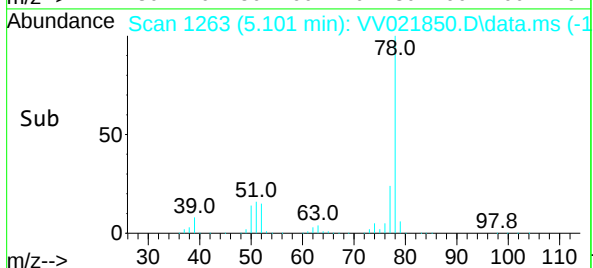
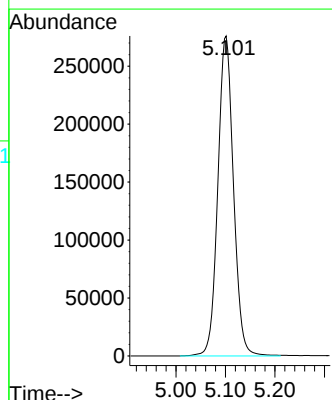
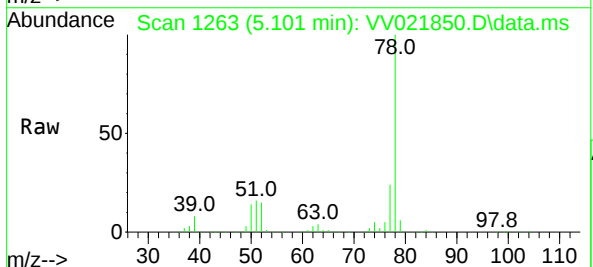
Instrument :
MSVOA_V
ClientSampled :

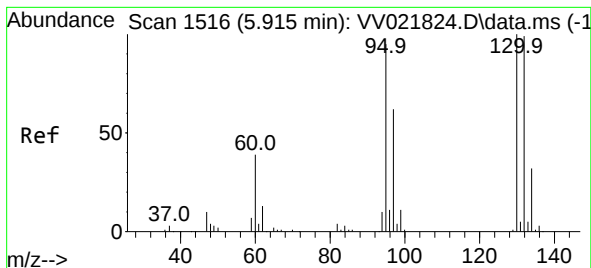
Tgt Ion:117 Resp: 206025
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 50.046 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 78 Resp: 607406

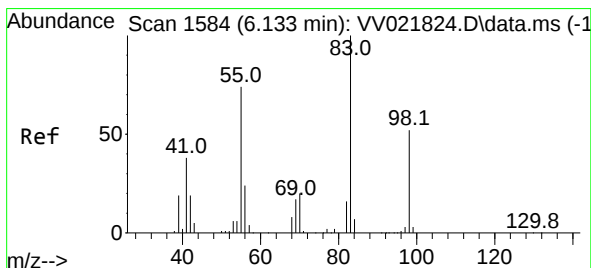
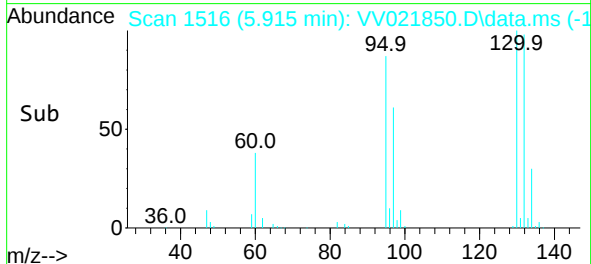
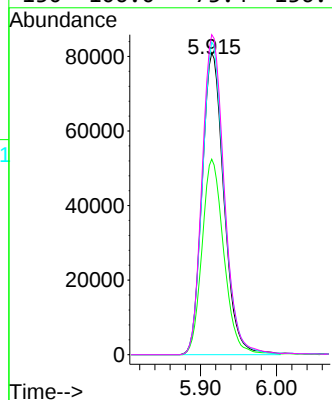
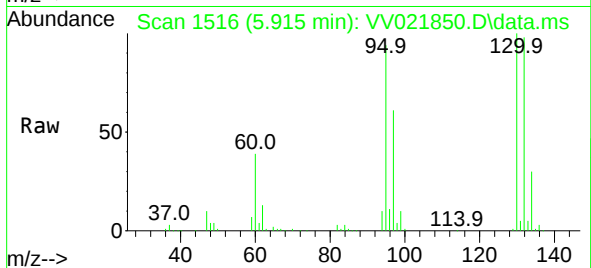




#34
Trichloroethene
Concen: 46.184 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

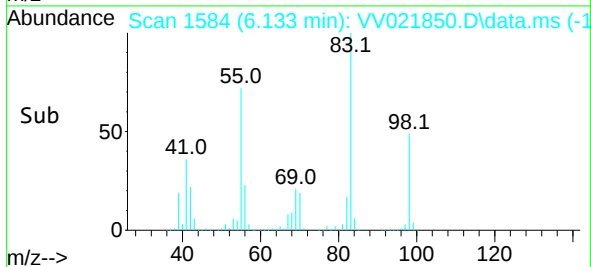
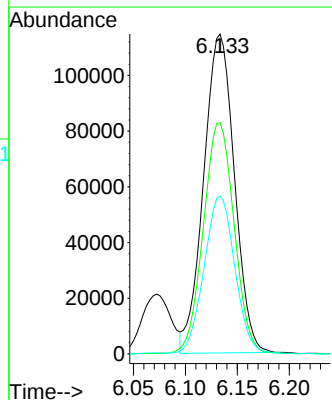
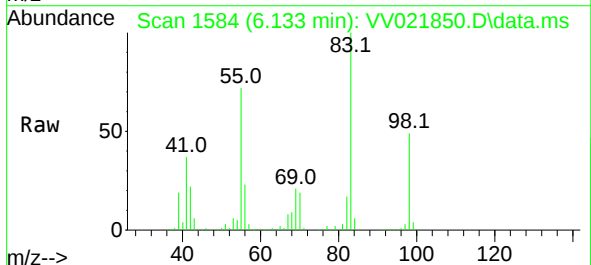
Instrument :
MSVOA_V
ClientSampled :

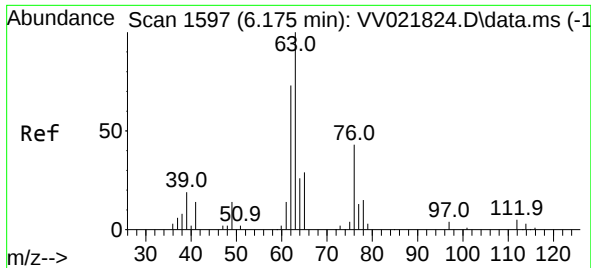
Tgt Ion: 95 Resp: 161080
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 103.6 70.2 130.4
130 106.0 73.4 136.4



#35
Methylcyclohexane
Concen: 46.377 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 83 Resp: 235985
Ion Ratio Lower Upper
83 100
55 72.5 57.9 86.9
98 49.7 39.9 59.9

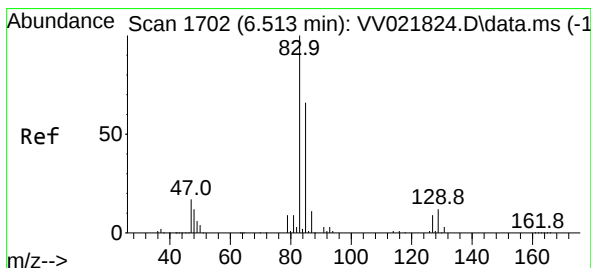
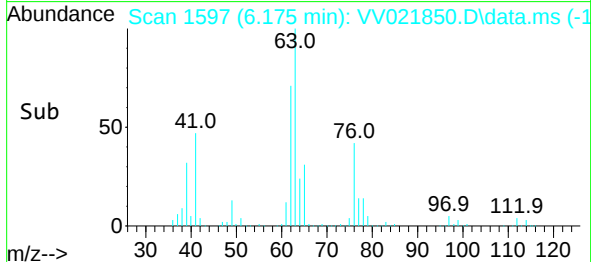
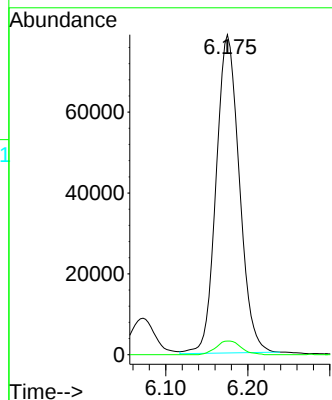
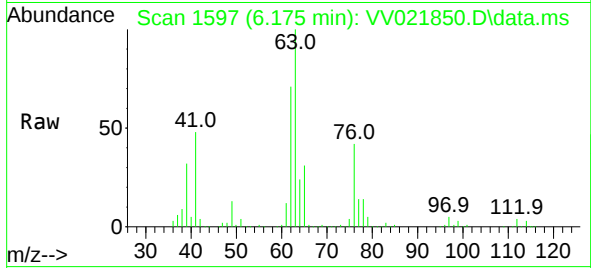




#37
1,2-Dichloropropane
Concen: 50.369 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

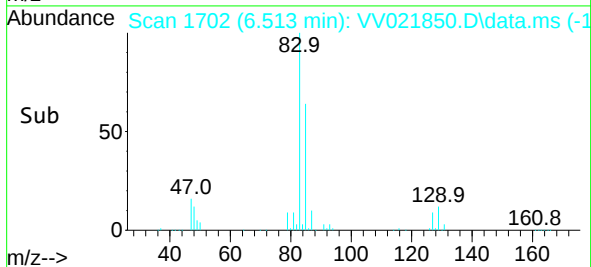
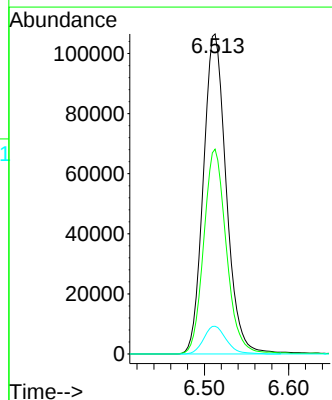
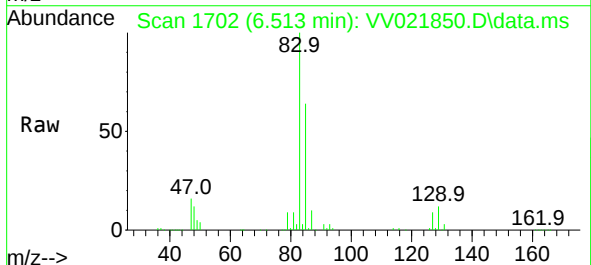
Instrument :
MSVOA_V
ClientSampleId :

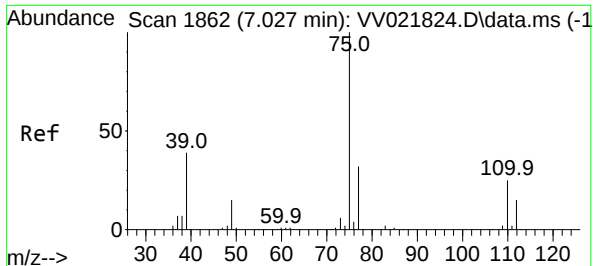
Tgt Ion: 63 Resp: 154794
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 49.683 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 83 Resp: 201242
Ion Ratio Lower Upper
83 100
85 64.0 45.7 84.9
127 8.7 7.4 11.2

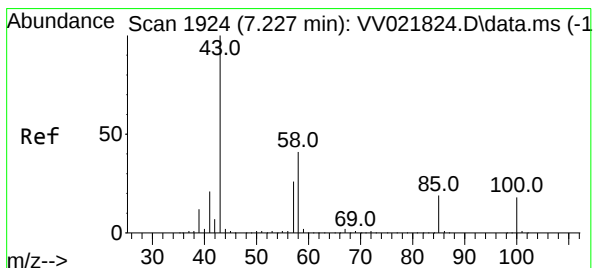
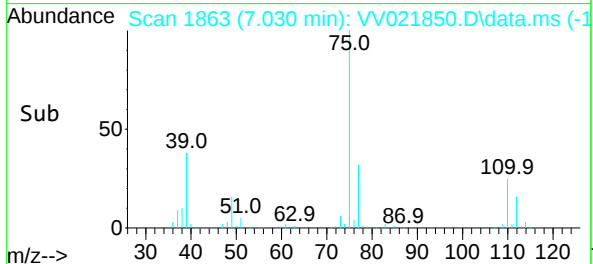
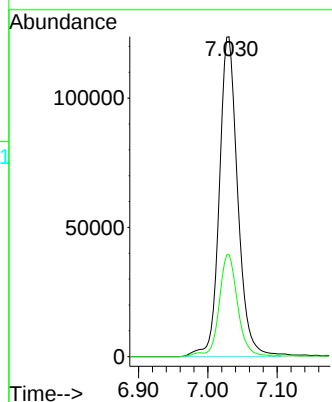
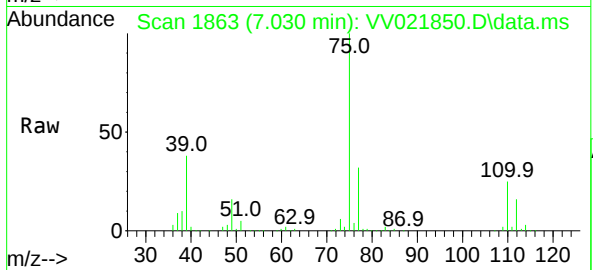




#39
 cis-1,3-Dichloropropene
 Concen: 47.151 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021850.D
 Acq: 18 Aug 2021 05:47

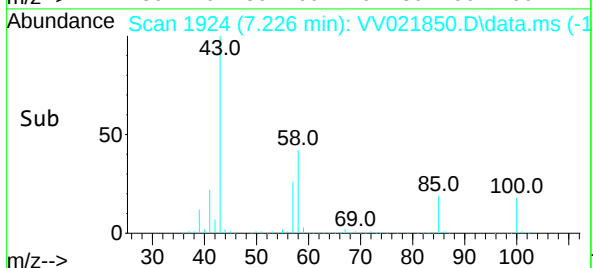
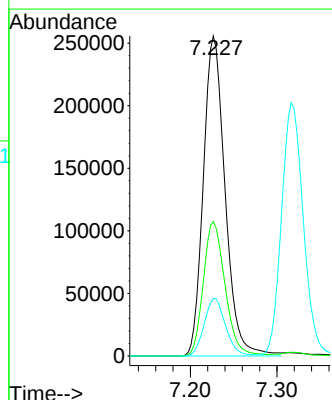
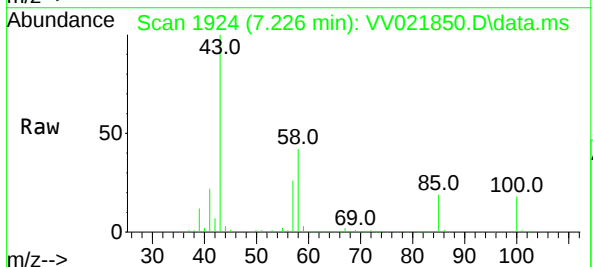
Instrument :
 MSVOA_V
 ClientSampled :

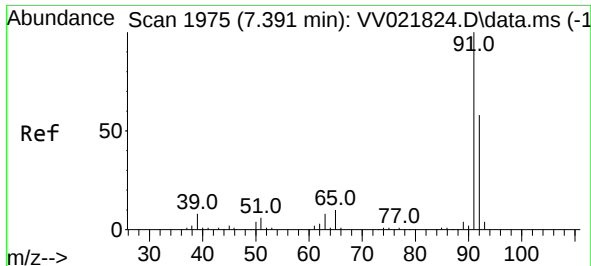
Tgt Ion: 75 Resp: 229455
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 105.734 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021850.D
 Acq: 18 Aug 2021 05:47

Tgt Ion: 43 Resp: 446983
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.9 49.3
 100 17.7 14.0 21.0

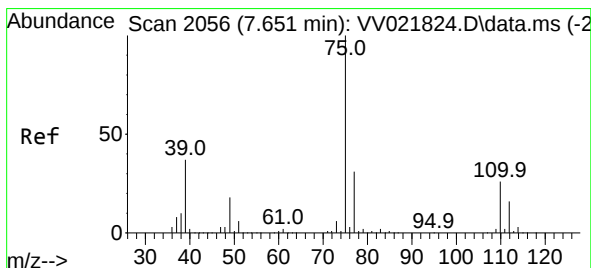
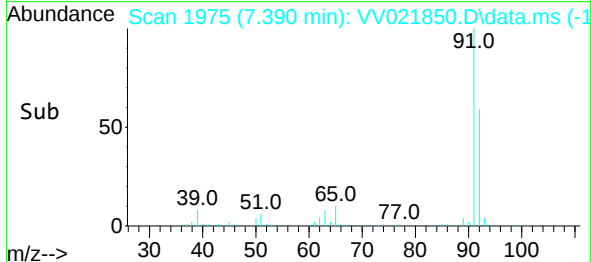
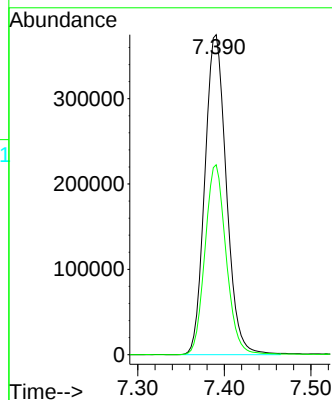
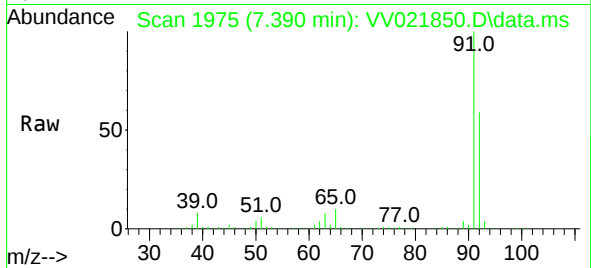




#42
Toluene
Concen: 49.871 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

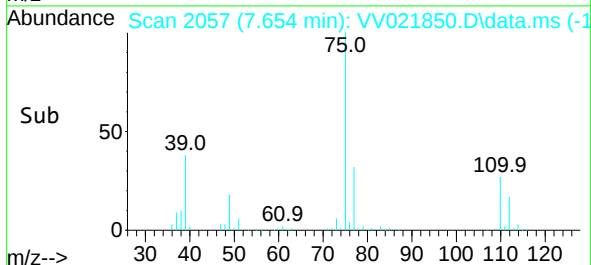
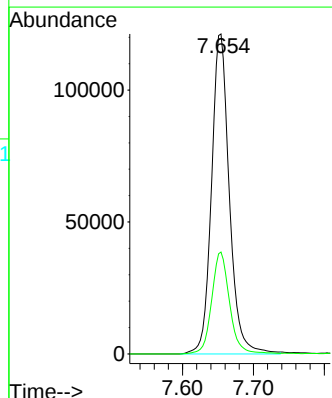
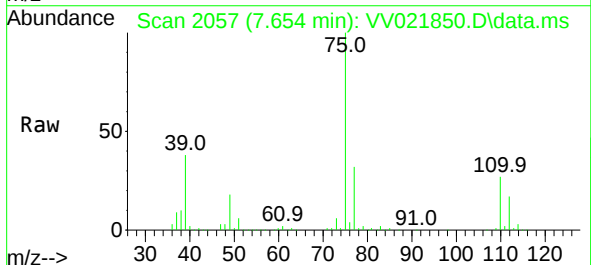
Instrument :
MSVOA_V
ClientSampled :

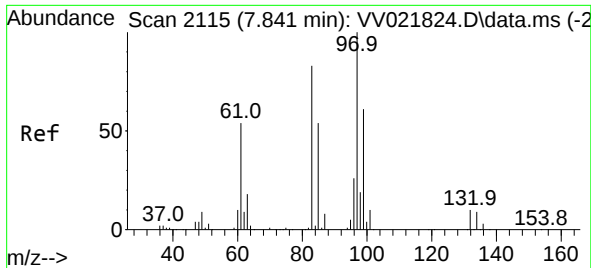
Tgt Ion: 91 Resp: 646460
Ion Ratio Lower Upper
91 100
92 59.3 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 46.211 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 75 Resp: 211926
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2



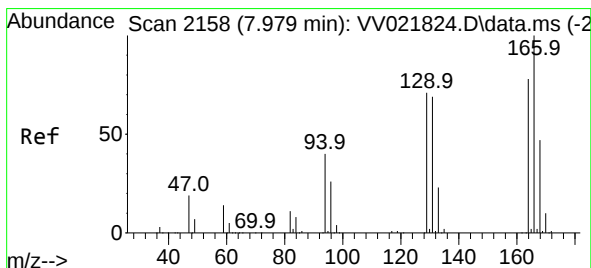
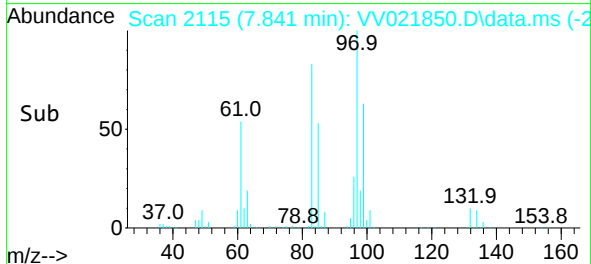
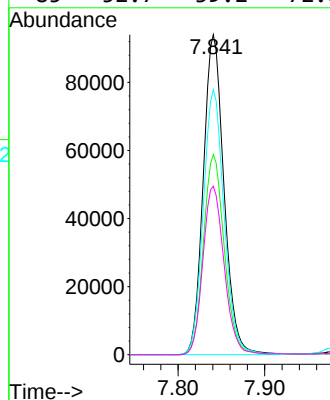
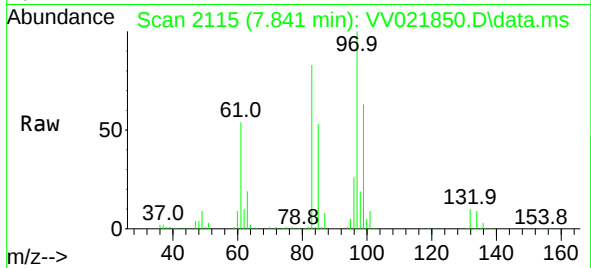


#45
1,1,2-Trichloroethane
Concen: 50.714 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 156128

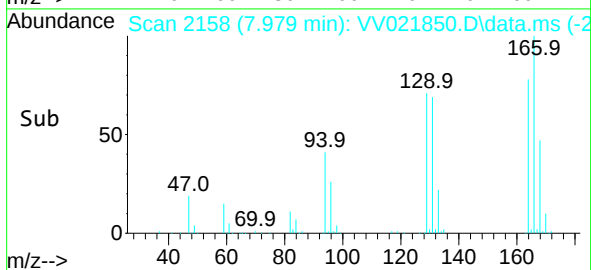
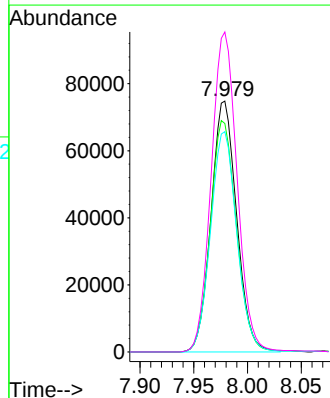
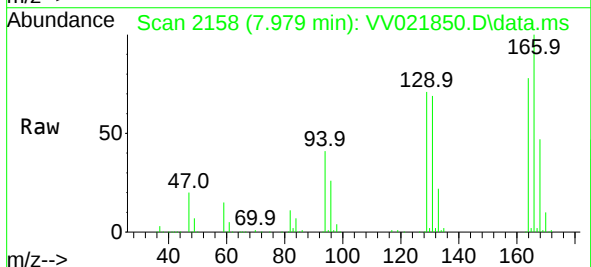
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.2	82.0
83	82.9	59.2	110.0
85	52.7	39.2	72.8

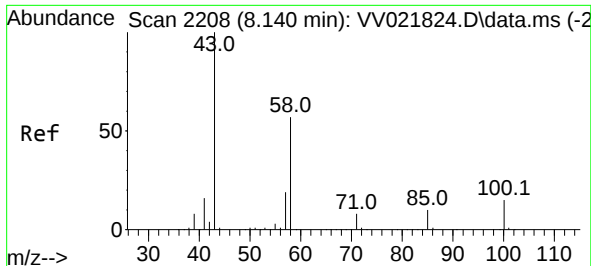


#46
Tetrachloroethene
Concen: 47.816 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 164 Resp: 123940

Ion	Ratio	Lower	Upper
164	100		
129	91.1	63.7	118.3
131	87.8	61.5	114.3
166	127.5	88.6	164.6

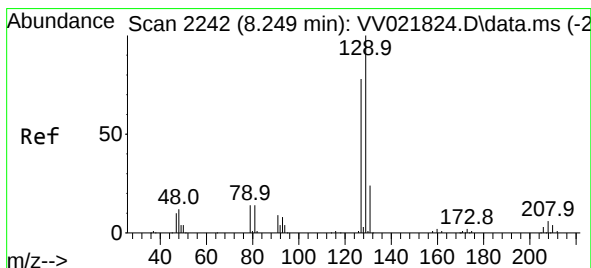
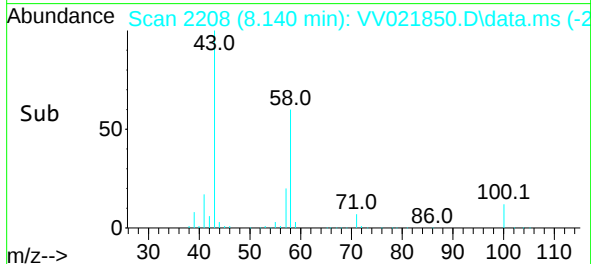
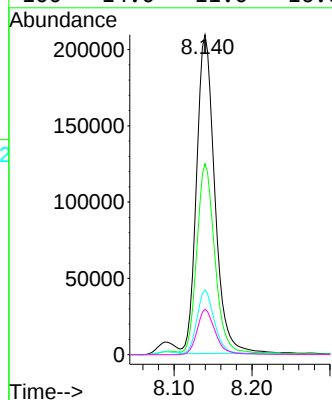
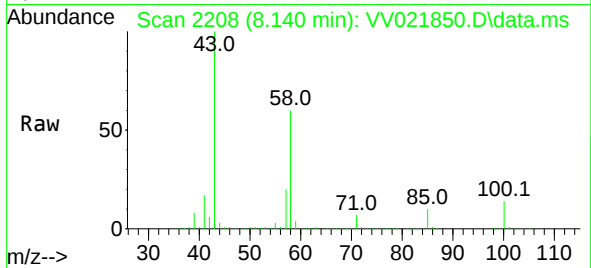




#48
2-Hexanone
Concen: 103.622 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

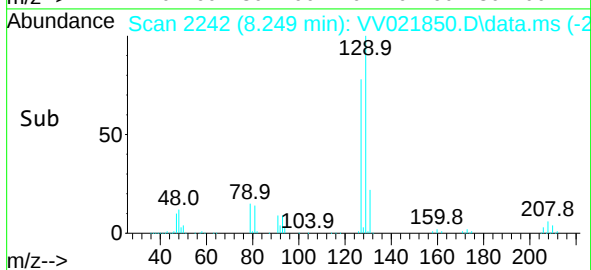
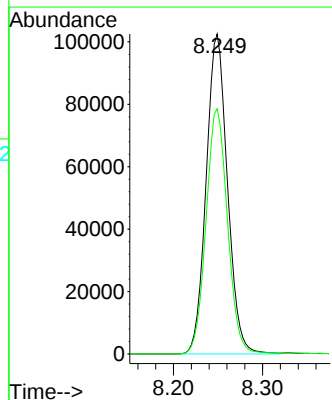
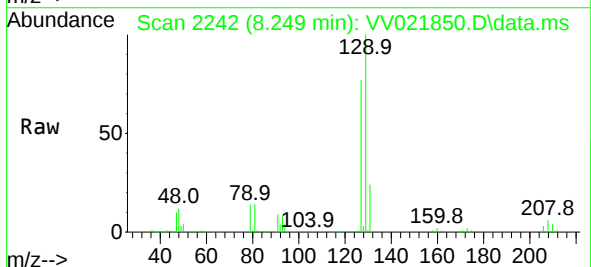
Instrument :
MSVOA_V
ClientSampled :

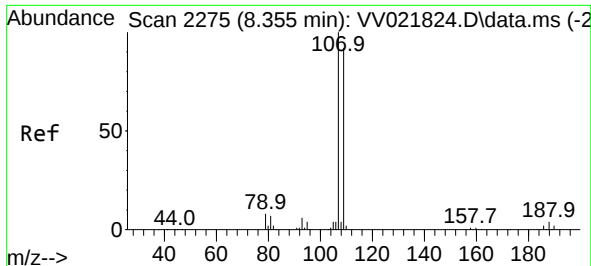
Tgt Ion:	43	Resp:	339319
Ion	Ratio	Lower	Upper
43	100		
58	58.3	45.4	68.2
57	19.6	15.3	22.9
100	14.0	11.0	16.6



#49
Dibromochloromethane
Concen: 49.984 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

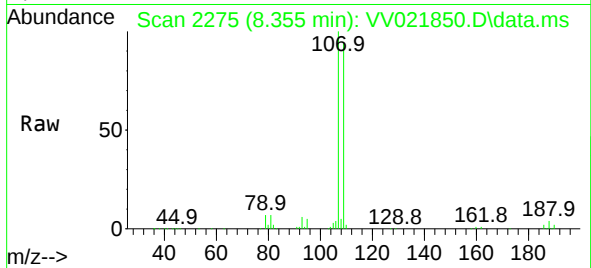
Tgt Ion:	129	Resp:	169900
Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.9	101.9



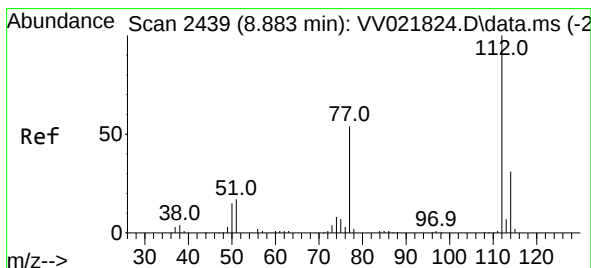
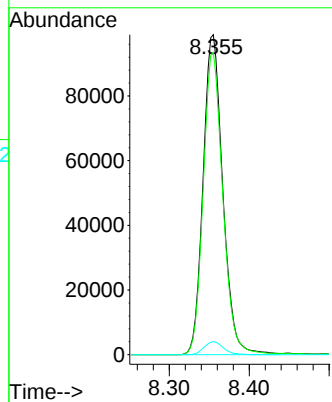
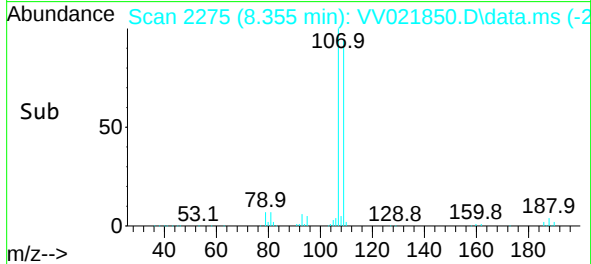


#50
1,2-Dibromoethane
Concen: 50.635 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

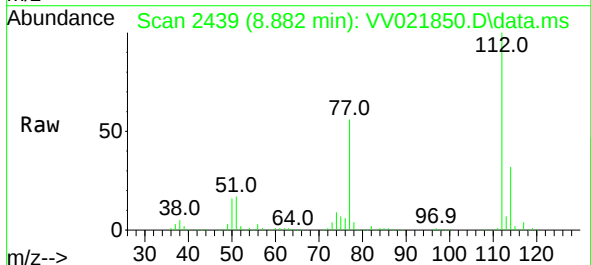
Instrument :
MSVOA_V
ClientSampleId :



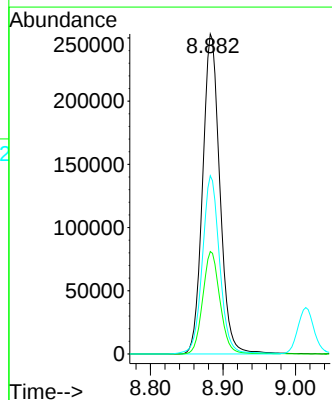
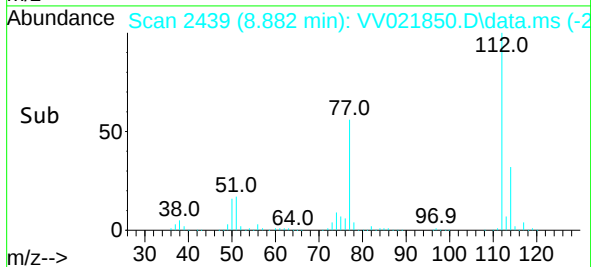
Tgt Ion:107 Resp: 169640
Ion Ratio Lower Upper
107 100
109 94.4 66.3 123.1
188 4.1 3.0 4.4

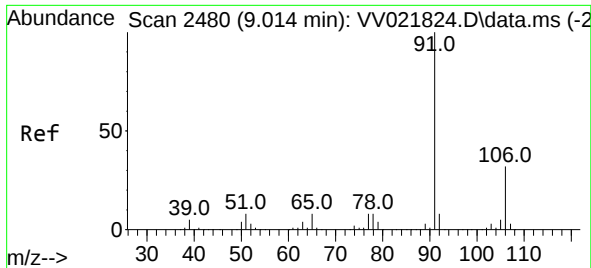


#51
Chlorobenzene
Concen: 49.401 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47



Tgt Ion:112 Resp: 418103
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 55.7 43.7 65.5

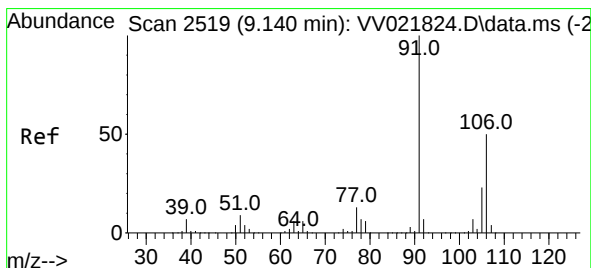
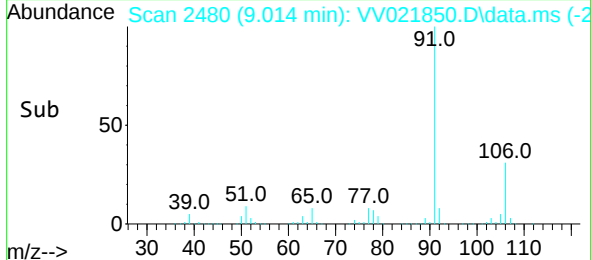
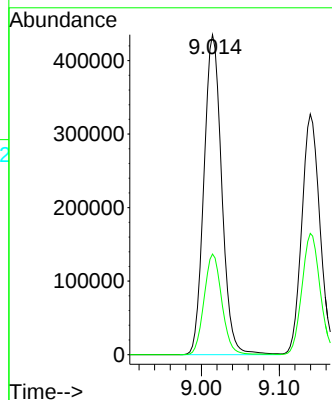
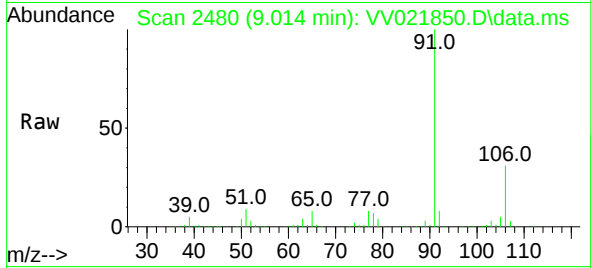




#52
Ethylbenzene
Concen: 50.001 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

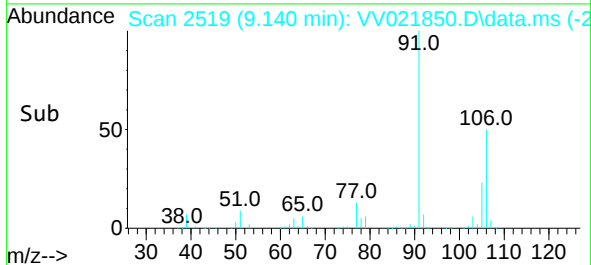
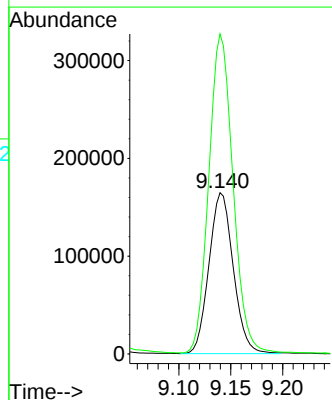
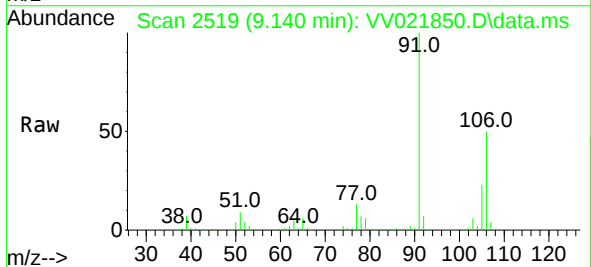
Instrument :
MSVOA_V
ClientSampled :

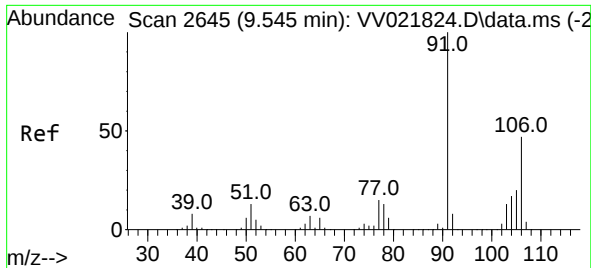
Tgt Ion: 91 Resp: 691475
Ion Ratio Lower Upper
91 100
106 31.5 22.2 41.2



#53
m,p-Xylene
Concen: 49.942 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 106 Resp: 267674
Ion Ratio Lower Upper
106 100
91 198.3 139.2 258.6

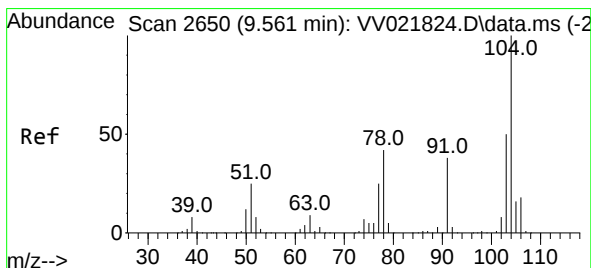
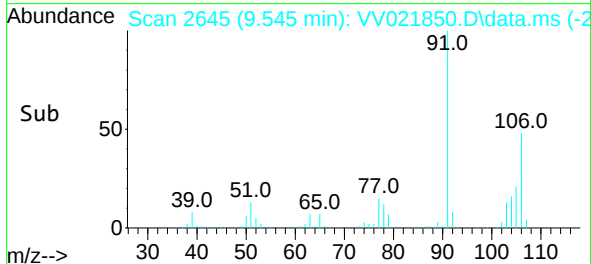
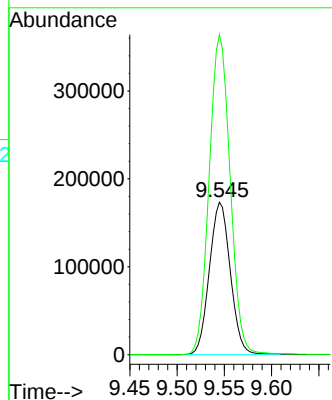
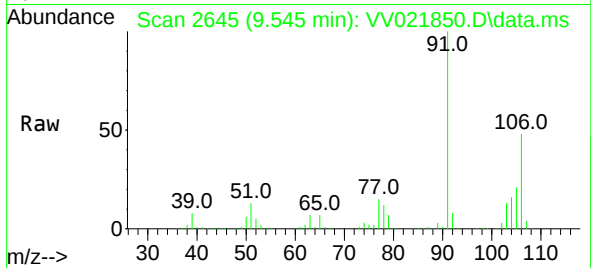




#54
o-Xylene
Concen: 50.384 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

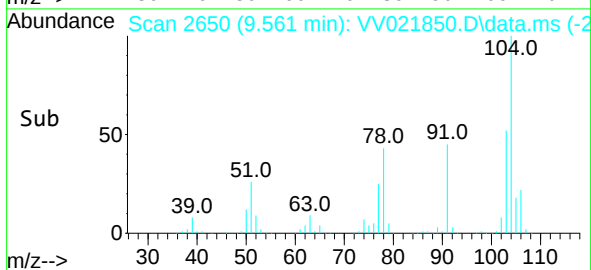
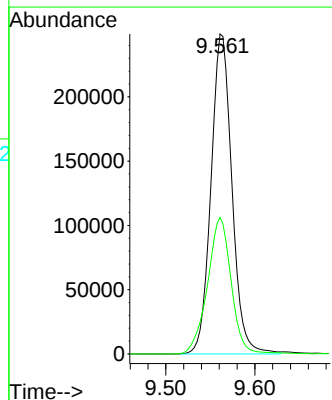
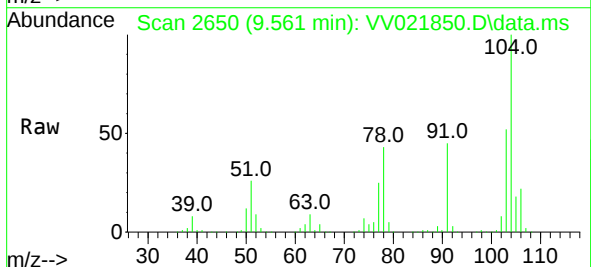
Instrument :
MSVOA_V
ClientSampled :

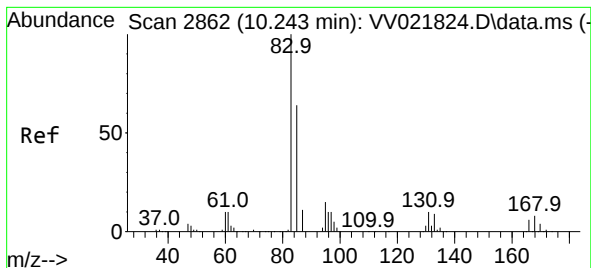
Tgt Ion:106 Resp: 267675
Ion Ratio Lower Upper
106 100
91 209.9 148.1 275.0



#55
Styrene
Concen: 45.593 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:104 Resp: 405622
Ion Ratio Lower Upper
104 100
78 42.7 30.2 56.2

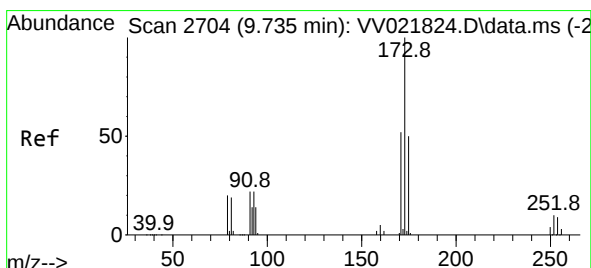
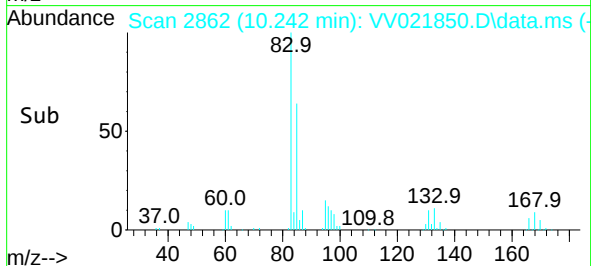
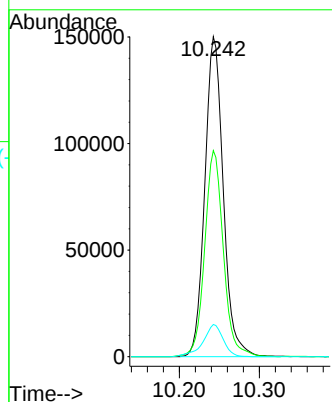
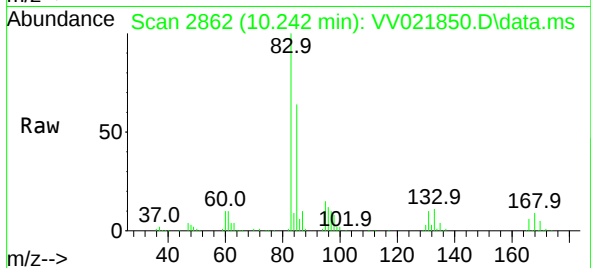




#57
1,1,2,2-Tetrachloroethane
Concen: 56.277 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

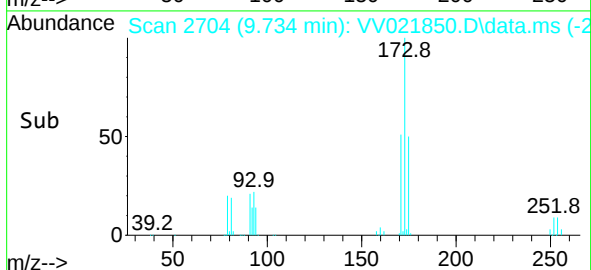
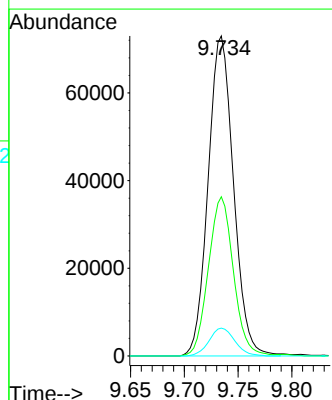
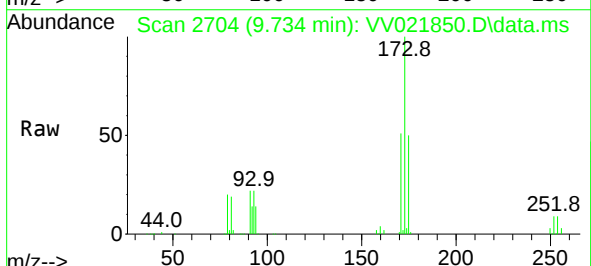
Instrument :
MSVOA_V
ClientSampleId :

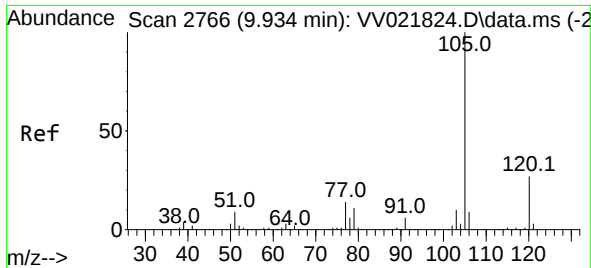
Tgt Ion: 83 Resp: 241193
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.5
131 10.0 7.9 11.9



#59
Bromoform
Concen: 48.928 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 173 Resp: 119924
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 8.8 7.2 10.8

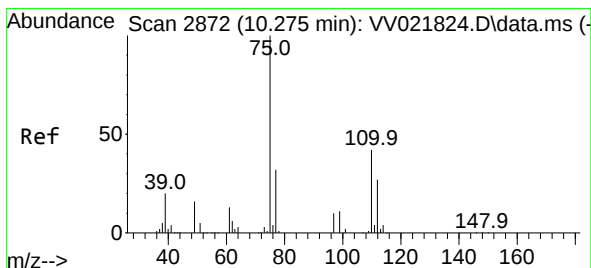
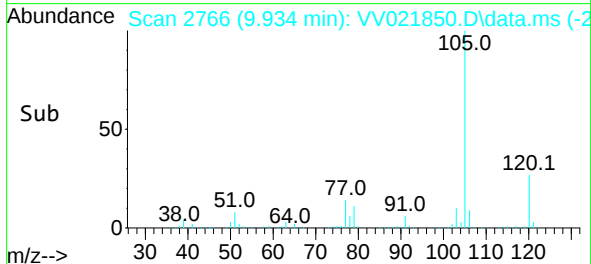
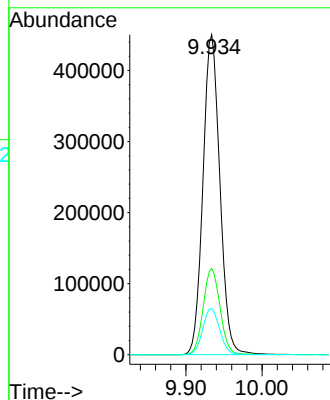
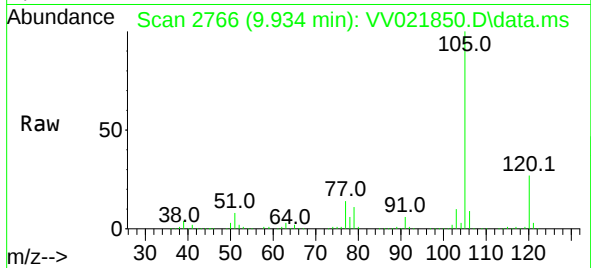




#60
Isopropylbenzene
Concen: 50.370 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

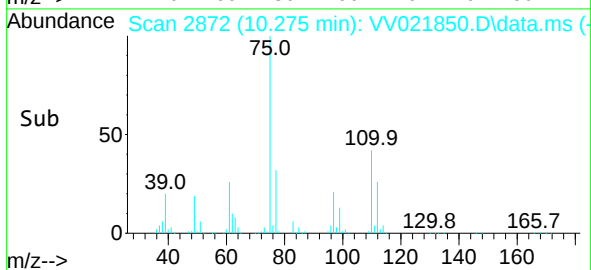
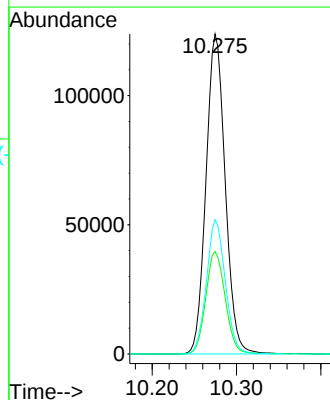
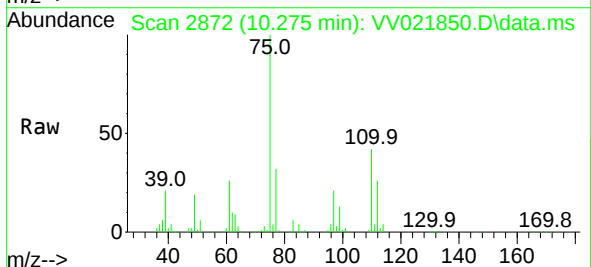
Instrument :
MSVOA_V
ClientSampleId :

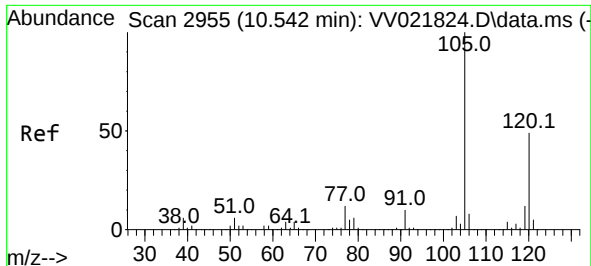
Tgt Ion:105 Resp: 696281
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 51.558 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 75 Resp: 196454
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
110 41.3 33.4 50.2

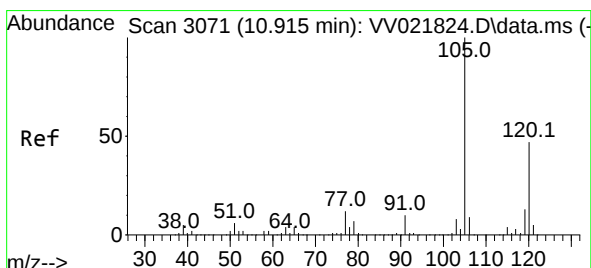
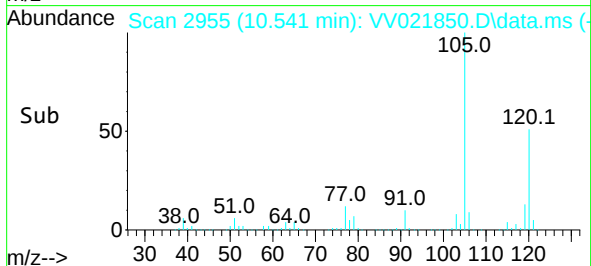
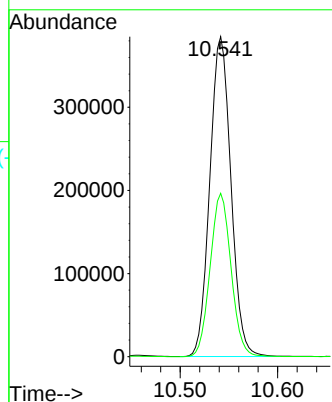
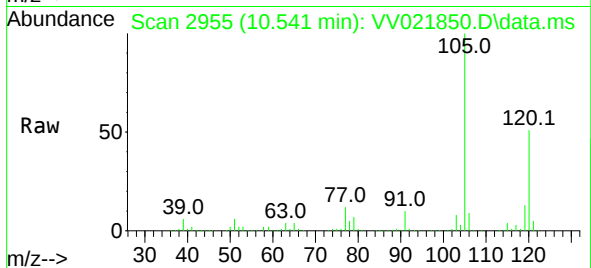




#62
1,3,5-Trimethylbenzene
Concen: 49.914 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

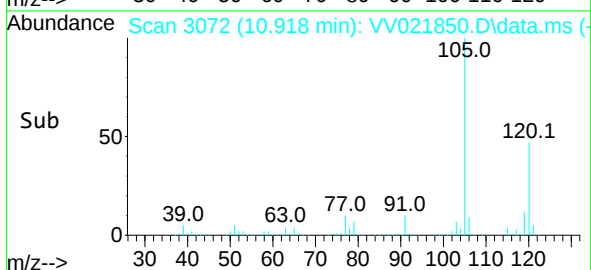
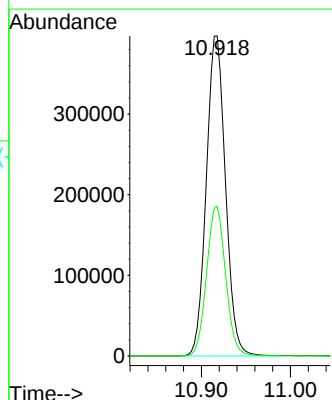
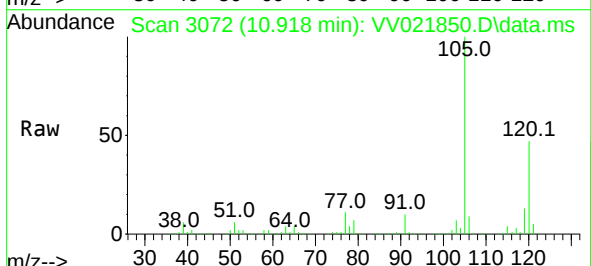
Instrument :
MSVOA_V
ClientSampled :

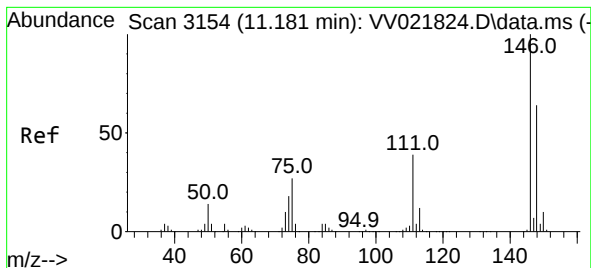
Tgt Ion:105 Resp: 579004
Ion Ratio Lower Upper
105 100
120 50.7 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 50.309 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:105 Resp: 593376
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9

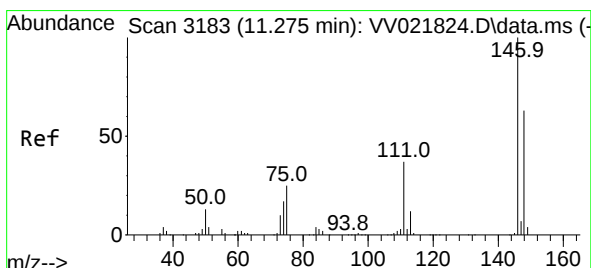
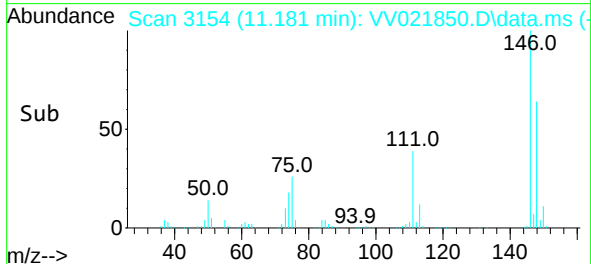
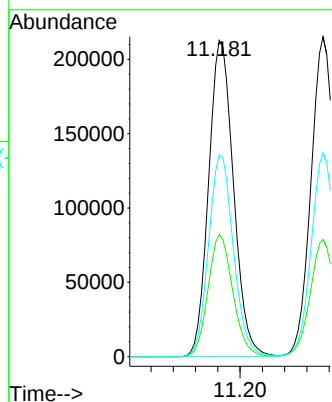
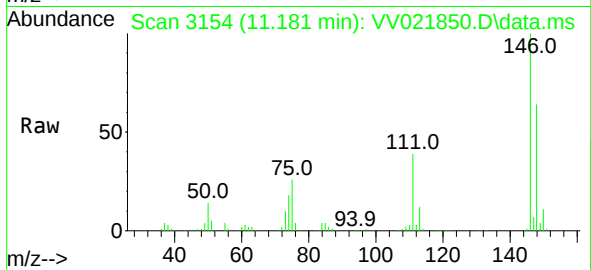




#64
1,3-Dichlorobenzene
Concen: 49.370 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

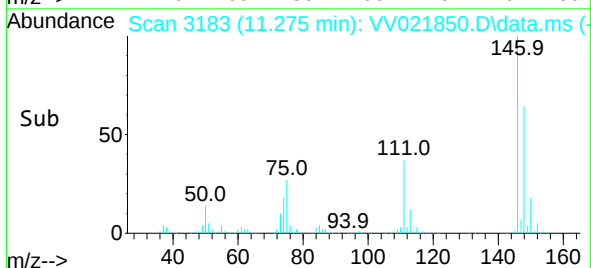
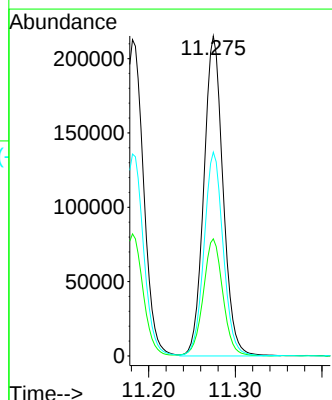
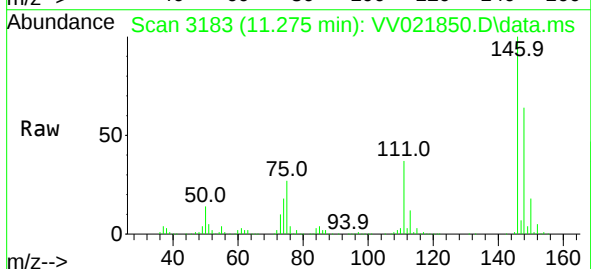
Instrument :
MSVOA_V
ClientSampleId :

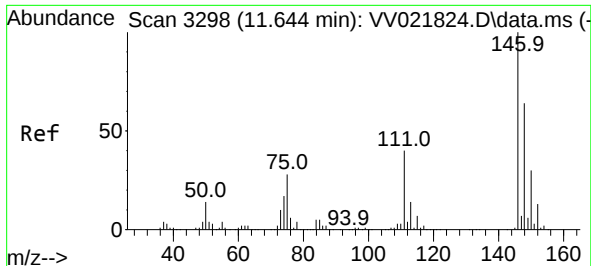
Tgt Ion:146 Resp: 330490
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.1
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 49.639 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:146 Resp: 331687
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.6
148 63.7 45.1 83.9

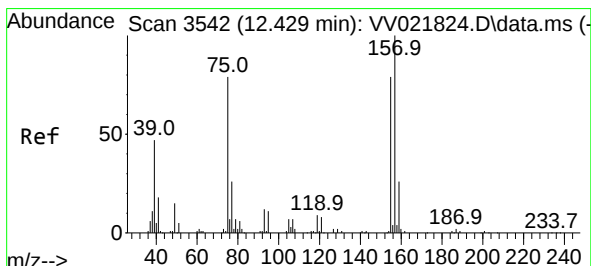
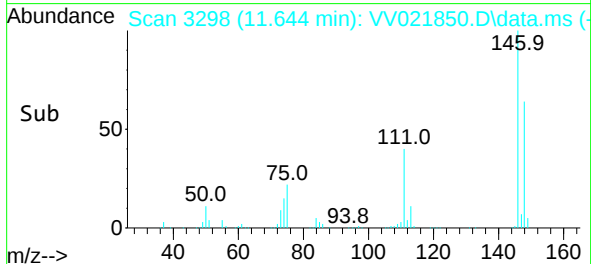
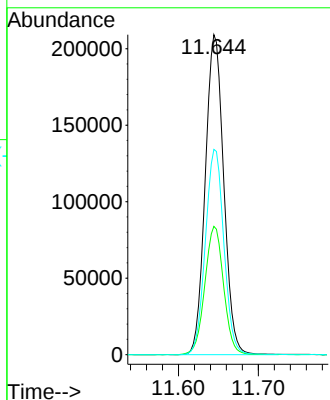
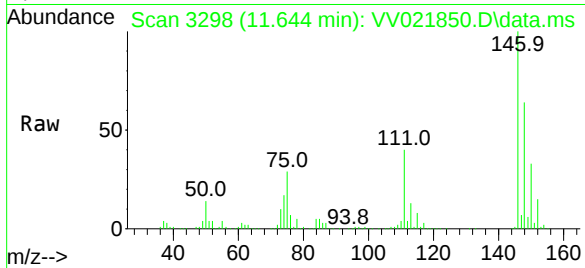




#67
1,2-Dichlorobenzene
Concen: 49.711 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

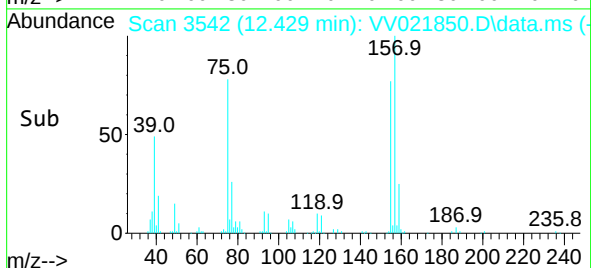
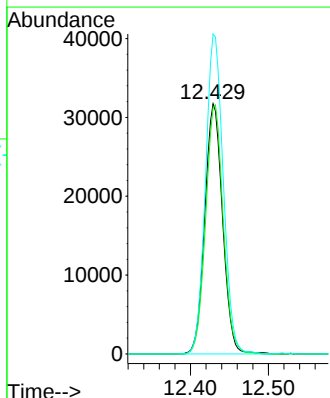
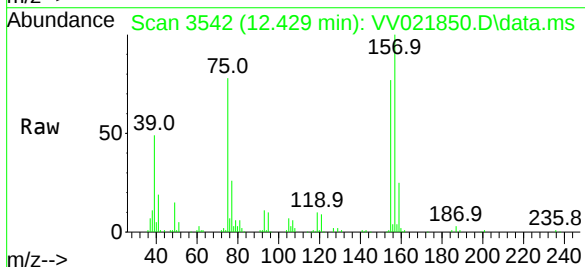
Instrument :
MSVOA_V
ClientSampled :

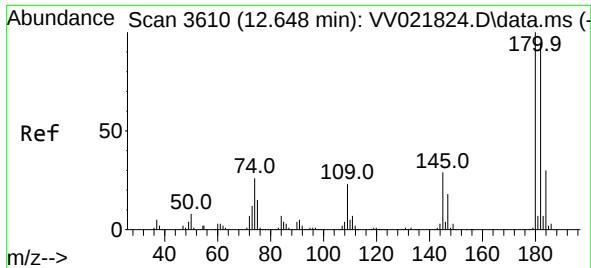
Tgt Ion:146 Resp: 335699
Ion Ratio Lower Upper
146 100
111 40.1 31.8 47.8
148 64.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.405 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion: 75 Resp: 50401
Ion Ratio Lower Upper
75 100
155 98.4 77.8 116.8
157 127.9 99.4 149.0

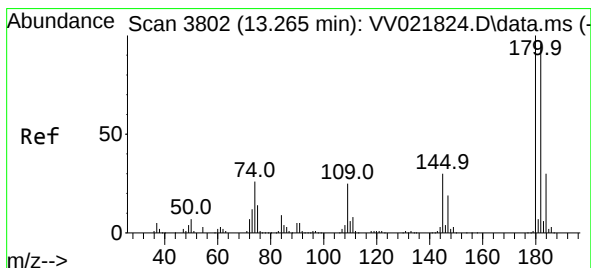
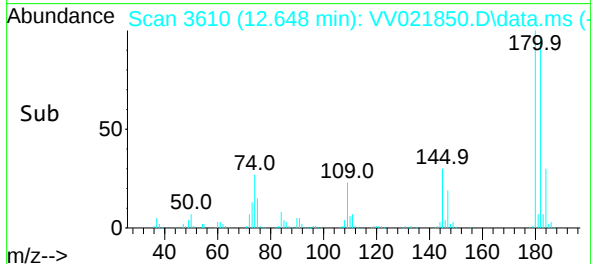
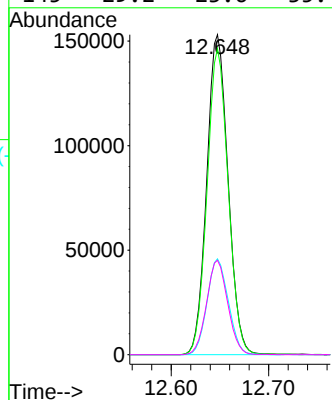
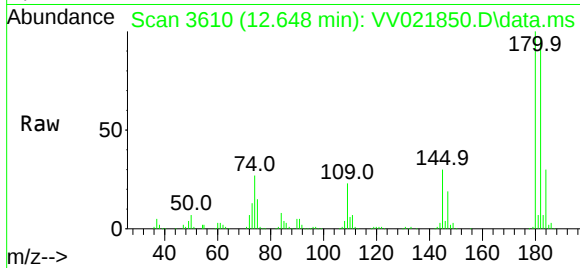




#69
1,3,5-Trichlorobenzene
Concen: 47.987 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

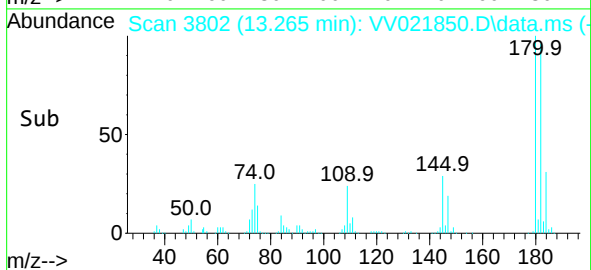
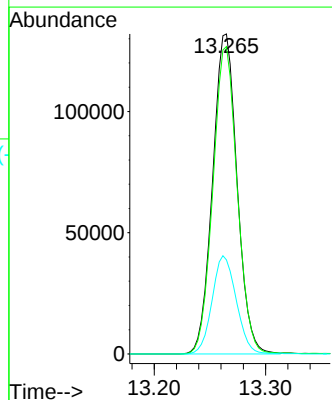
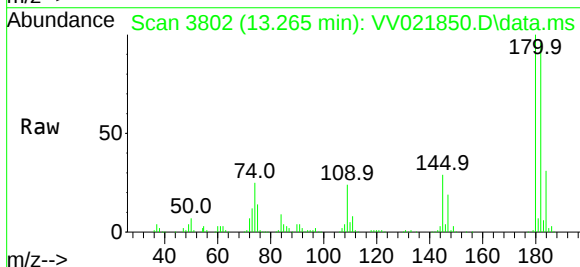
Instrument :
MSVOA_V
ClientSampleId :

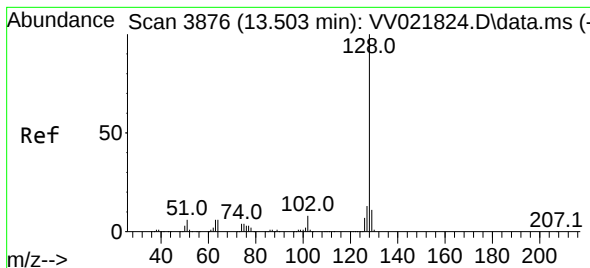
Tgt Ion:	180	Resp:	232851
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.8	115.2
184	29.9	24.1	36.1
145	29.2	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 49.522 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:	180	Resp:	201536
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	30.2	23.9	35.9

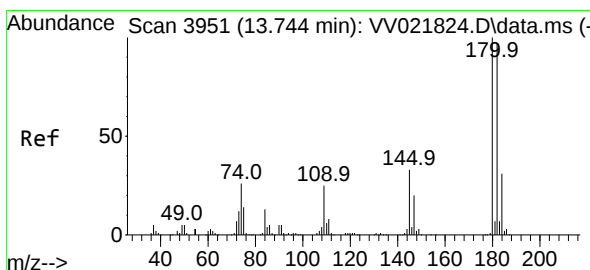
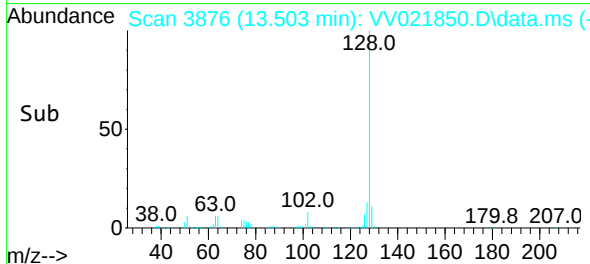
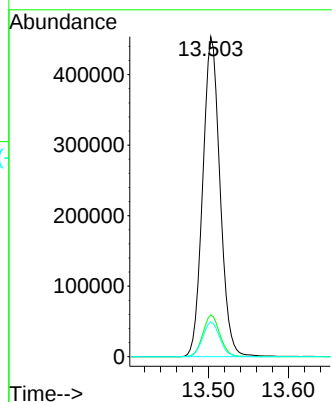
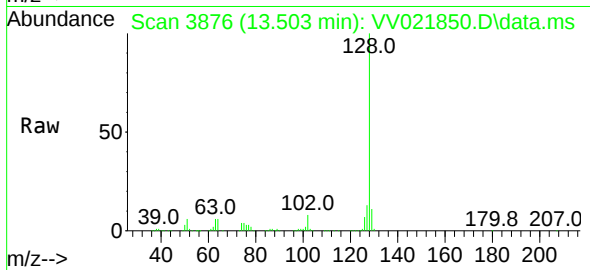




#71
Naphthalene
Concen: 57.801 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 683291
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 51.670 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021850.D
Acq: 18 Aug 2021 05:47

Tgt Ion:180 Resp: 211242
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 32.3 25.6 38.4

