

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021953.D
 Acq On : 25 Aug 2021 16:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 05:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 26 05:17:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	453529	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	431707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	234442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117763	33.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.420%
7) Chloroethane-d5	1.561	69	101008	37.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.500%
11) 1,1-Dichloroethene-d2	2.108	63	215413	38.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.340%
21) 2-Butanone-d5	3.876	46	210250	95.347	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.350%
24) Chloroform-d	4.352	84	265283	43.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
26) 1,2-Dichloroethane-d4	5.034	65	159944	45.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
32) Benzene-d6	5.050	84	544926	43.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
36) 1,2-Dichloropropane-d6	6.072	67	167566	43.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	7.317	98	519206	45.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
43) trans-1,3-Dichloroprop...	7.625	79	84087	44.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
47) 2-Hexanone-d5	8.088	63	142838	112.731	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.730%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	234492	48.947	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	219226	45.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	154762	44.108	ug/L	99
3) Chloromethane	1.243	50	163340	44.826	ug/L	98
5) Vinyl chloride	1.310	62	161466	45.001	ug/L	98
6) Bromomethane	1.513	94	101192	46.921	ug/L	99
8) Chloroethane	1.581	64	99724	46.510	ug/L	100
9) Trichlorofluoromethane	1.751	101	221426	45.041	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	128661	45.711	ug/L	100
12) 1,1-Dichloroethene	2.118	96	125058	46.647	ug/L	87
13) Acetone	2.159	43	148318	81.745	ug/L #	100
14) Carbon disulfide	2.291	76	387685	42.978	ug/L	99
15) Methyl Acetate	2.426	43	173878	52.164	ug/L	98
16) Methylene chloride	2.507	84	171104	45.884	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	154340	49.061	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	494410	51.102	ug/L	99
19) 1,1-Dichloroethane	3.191	63	272773	48.710	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	171059	46.957	ug/L	99
22) 2-Butanone	3.960	43	239593	90.673	ug/L	99
23) Bromochloromethane	4.249	128	92478	47.848	ug/L	96
25) Chloroform	4.378	83	281382	46.698	ug/L	98

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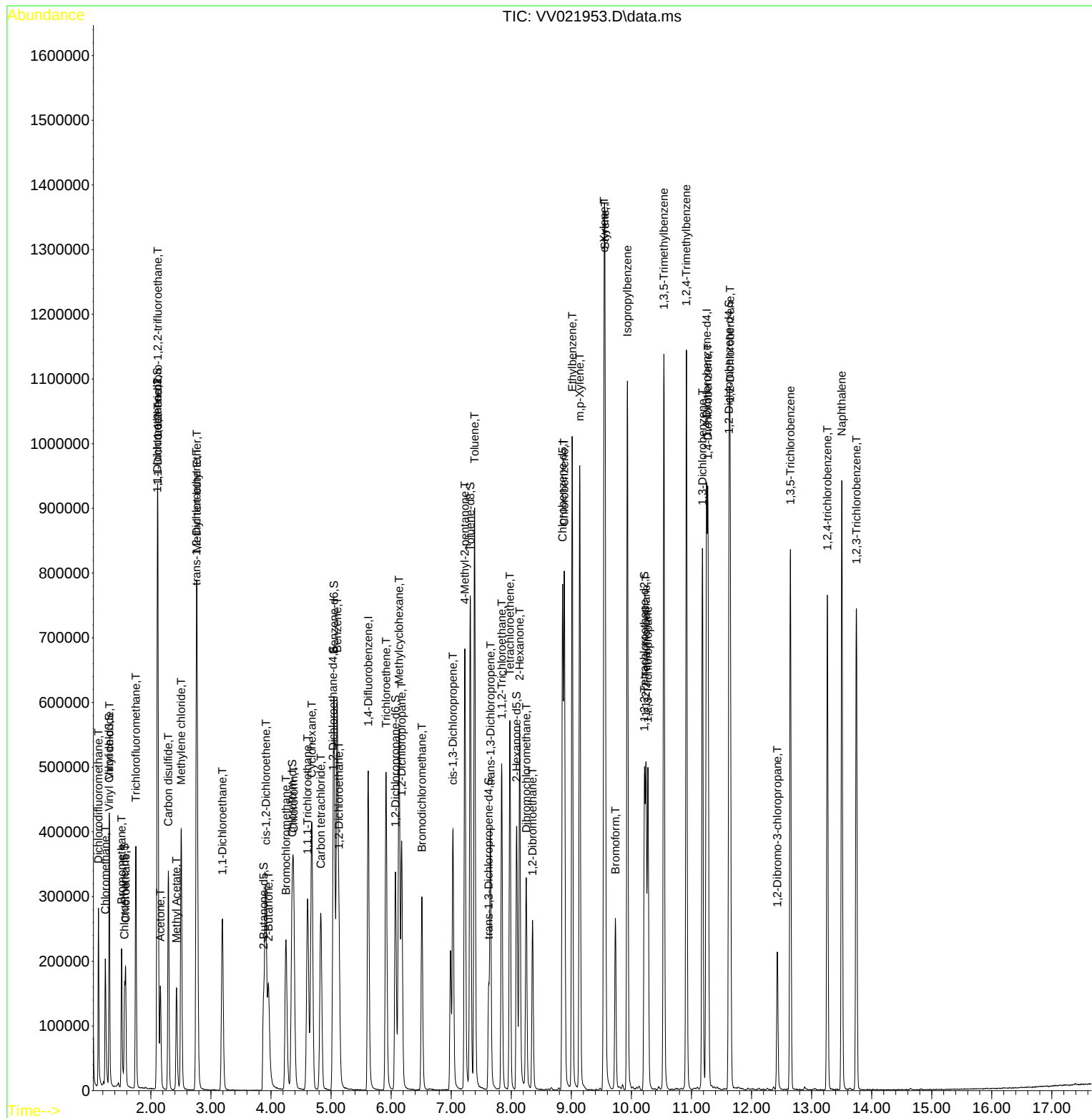
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	197587	46.541	ug/L	99
29) Cyclohexane	4.677	56	241312	45.386	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	250728	46.414	ug/L	99
31) Carbon tetrachloride	4.828	117	212301	45.419	ug/L	99
33) Benzene	5.101	78	616134	46.378	ug/L	100
34) Trichloroethene	5.915	95	170965	44.783	ug/L	98
35) Methylcyclohexane	6.133	83	253081	45.439	ug/L	99
37) 1,2-Dichloropropane	6.175	63	159585	47.441	ug/L	100
38) Bromodichloromethane	6.513	83	201021	45.340	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	245807	46.147	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	442680	95.668	ug/L	98
42) Toluene	7.391	91	672143	47.372	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	232597	46.336	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	158767	47.115	ug/L	97
46) Tetrachloroethene	7.979	164	133257	46.968	ug/L	98
48) 2-Hexanone	8.140	43	341922	95.394	ug/L	98
49) Dibromochloromethane	8.249	129	170428	45.807	ug/L	99
50) 1,2-Dibromoethane	8.355	107	175639	47.895	ug/L	98
51) Chlorobenzene	8.883	112	444486	47.980	ug/L	99
52) Ethylbenzene	9.014	91	719755	47.548	ug/L	99
53) m,p-Xylene	9.140	106	281695	48.017	ug/L	99
54) o-Xylene	9.545	106	280129	48.172	ug/L	99
55) Styrene	9.561	104	480142	49.306	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	236136	50.336	ug/L	98
59) Bromoform	9.735	173	121810	43.707	ug/L	100
60) Isopropylbenzene	9.934	105	737323	46.910	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	200064	46.177	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	616607	46.748	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	634428	47.306	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	359825	47.273	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	361488	47.578	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	355232	46.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	49678	47.161	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	266433	48.289	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	236595	51.129	ug/L	99
71) Naphthalene	13.503	128	732681	54.509	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	237515	51.094	ug/L	99

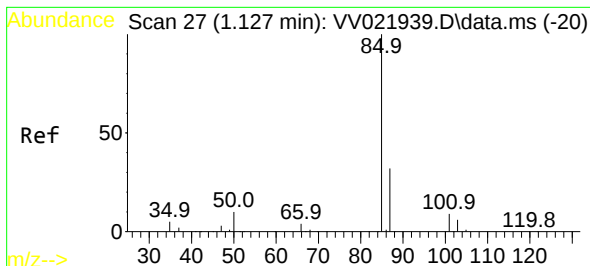
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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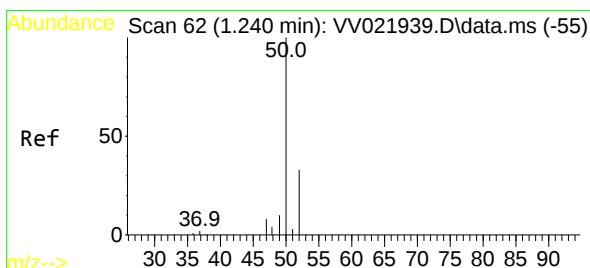
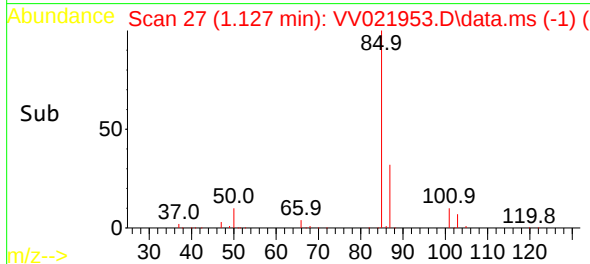
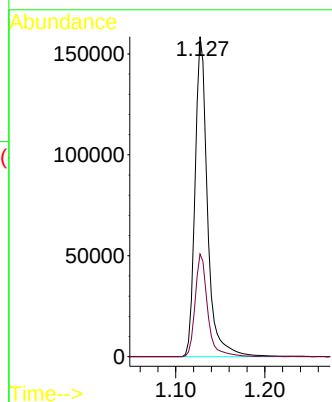
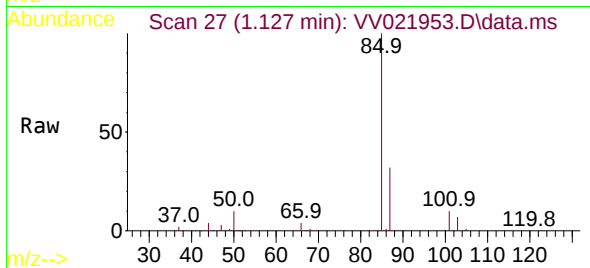




#2
Dichlorodifluoromethane
Concen: 44.108 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

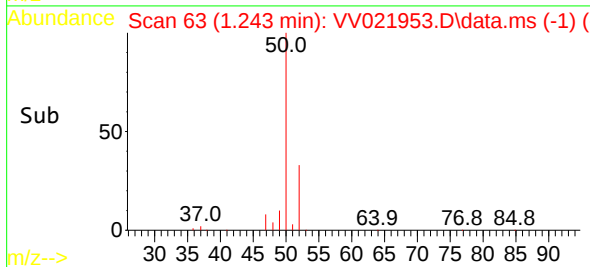
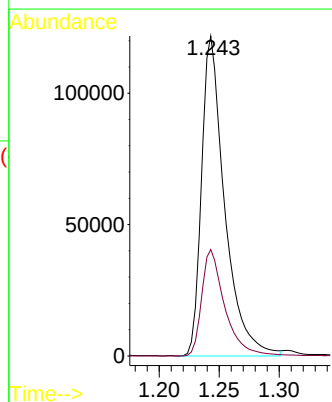
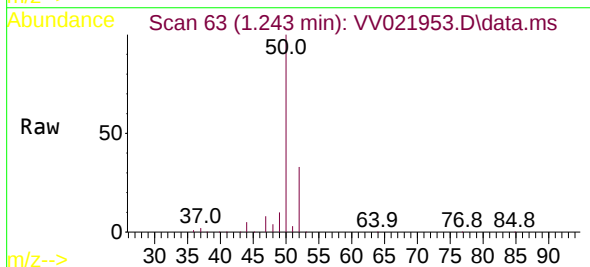
Instrument :
MSVOA_V
ClientSampled :

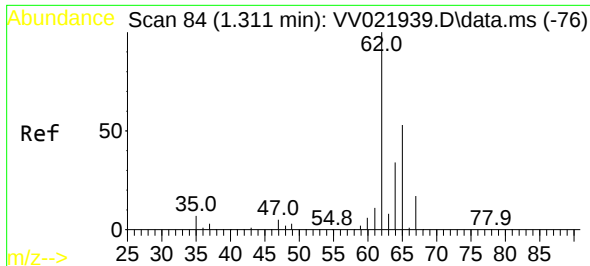
Tgt Ion: 85 Resp: 154762
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 44.826 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 50 Resp: 163340
Ion Ratio Lower Upper
50 100
52 33.3 22.7 42.1

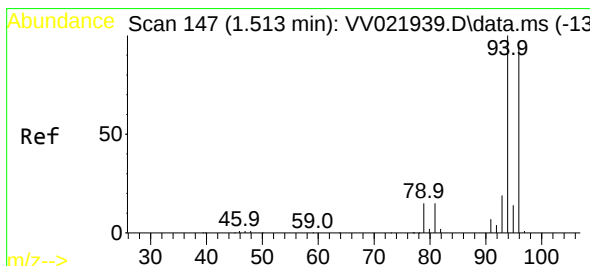
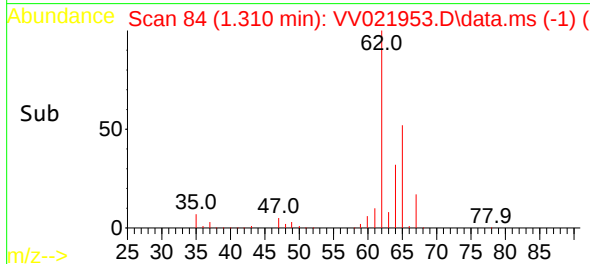
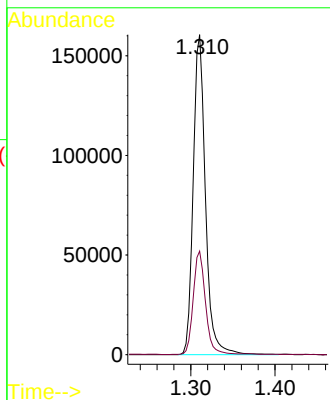
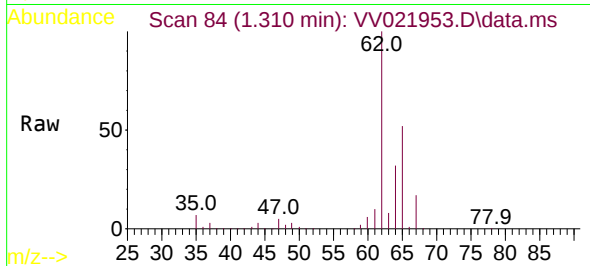




#5
 Vinyl chloride
 Concen: 45.001 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021953.D
 Acq: 25 Aug 2021 16:47

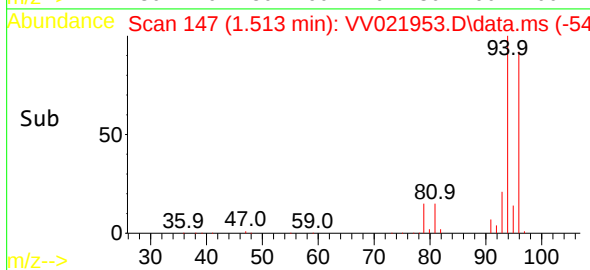
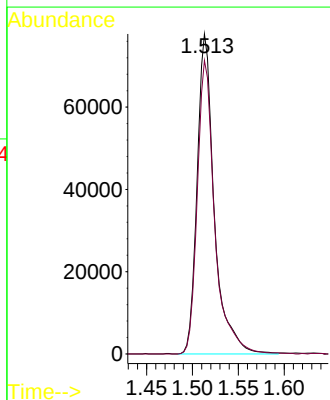
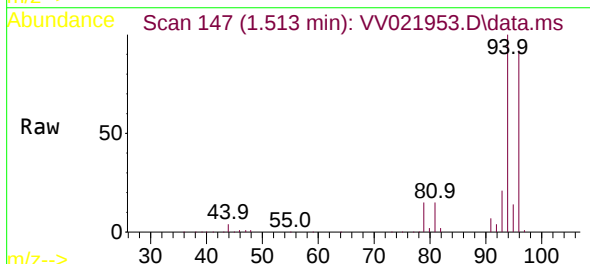
Instrument :
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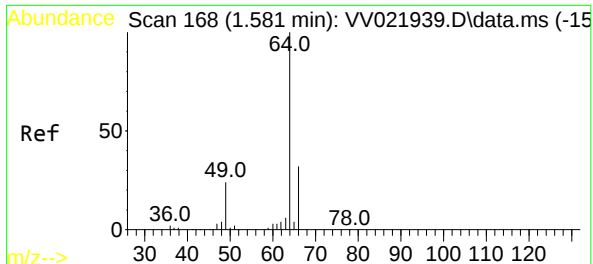
Tgt Ion: 62 Resp: 161466
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.4



#6
 Bromomethane
 Concen: 46.921 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV021953.D
 Acq: 25 Aug 2021 16:47

Tgt Ion: 94 Resp: 101192
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.8 120.3

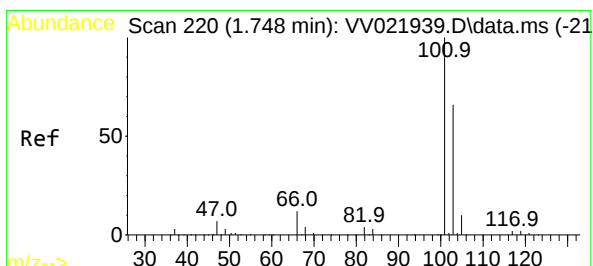
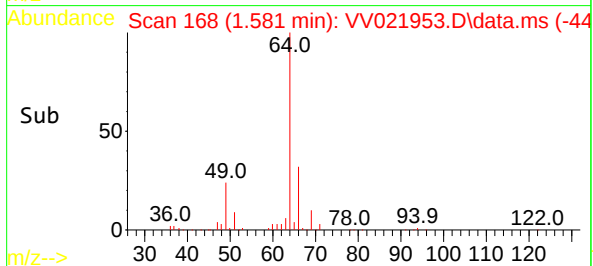
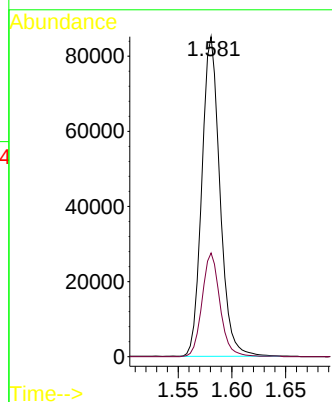
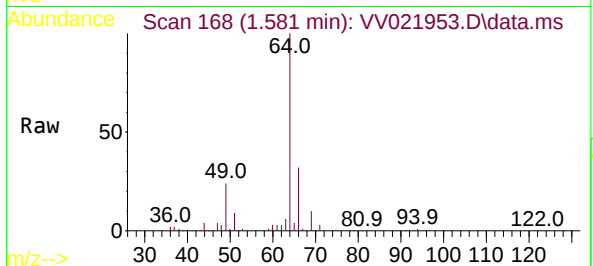




#8
Chloroethane
Concen: 46.510 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

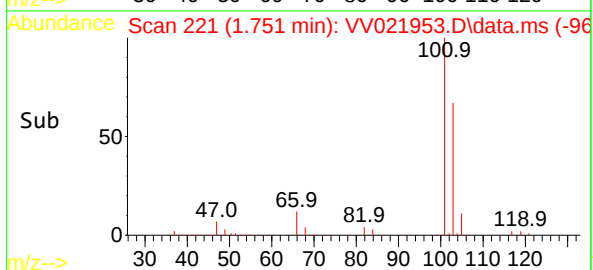
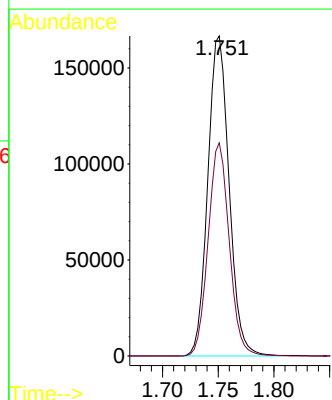
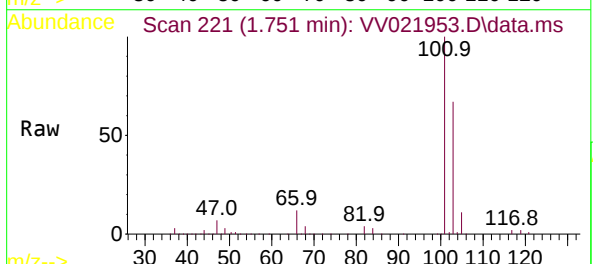
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MSVOA_V
ClientSampleId :

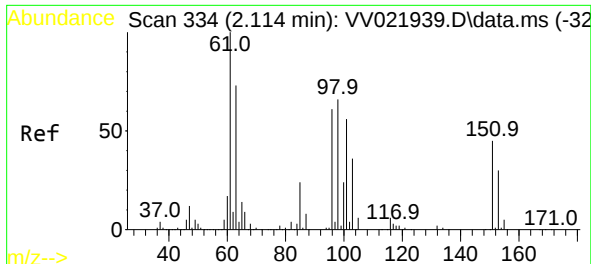
Tgt Ion: 64 Resp: 99724
Ion Ratio Lower Upper
64 100
66 32.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 45.041 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion:101 Resp: 221426
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

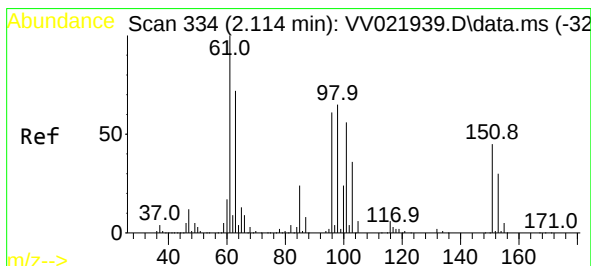
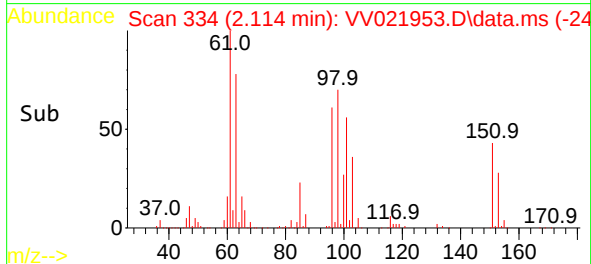
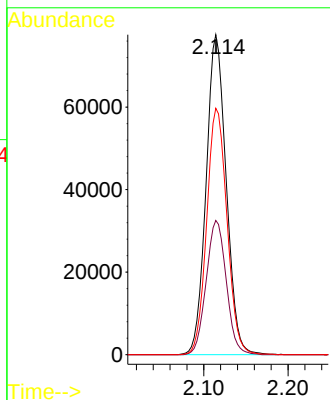
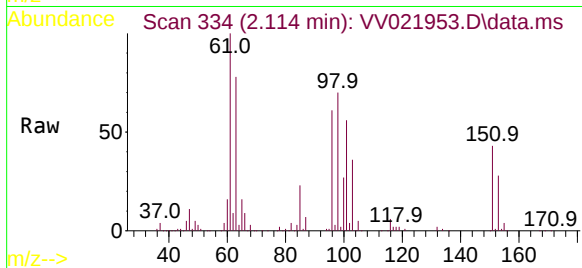




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.711 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

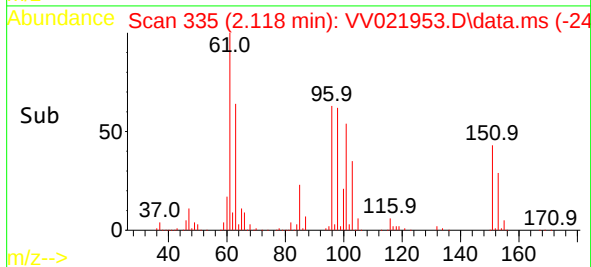
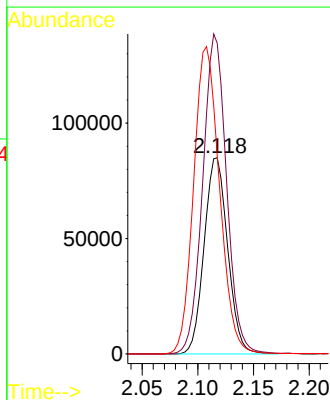
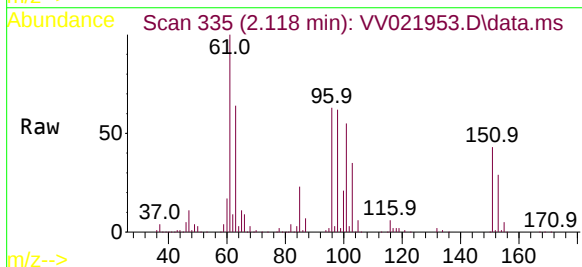
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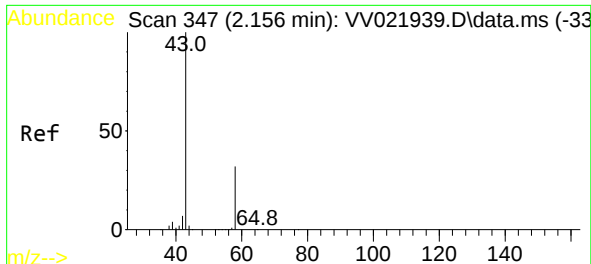
Tgt Ion:101 Resp: 128661
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.2
151 77.9 62.2 93.2



#12
1,1-Dichloroethene
Concen: 46.647 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 96 Resp: 125058
Ion Ratio Lower Upper
96 100
61 158.4 115.5 214.5
63 101.2 90.3 167.7

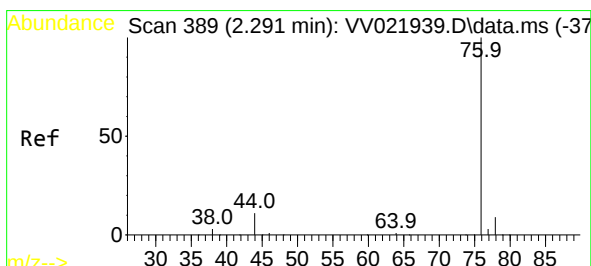
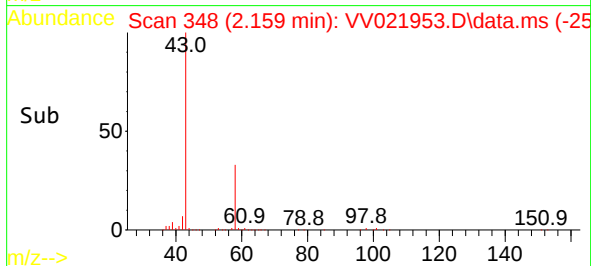
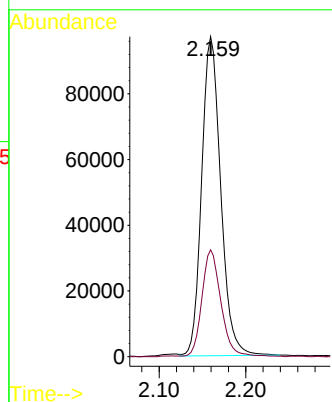
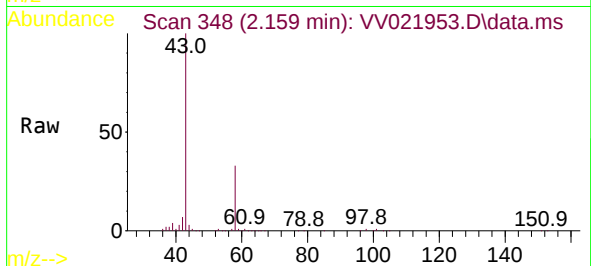




#13
Acetone
Concen: 81.745 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

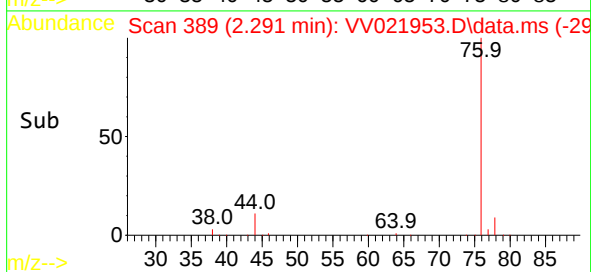
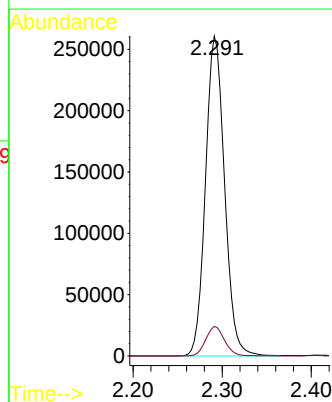
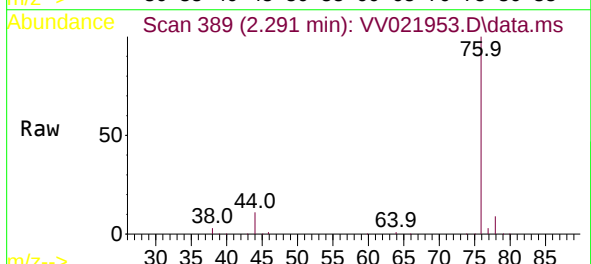
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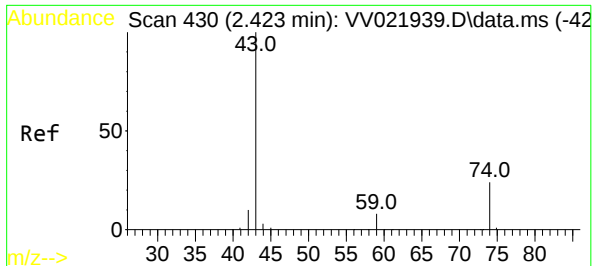
Tgt Ion: 43 Resp: 148318
Ion Ratio Lower Upper
43 100
58 33.5 0.0 0.0#



#14
Carbon disulfide
Concen: 42.978 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 387685
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

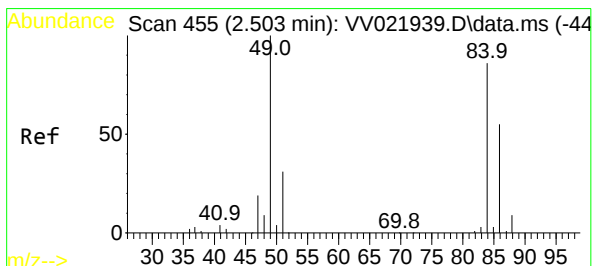
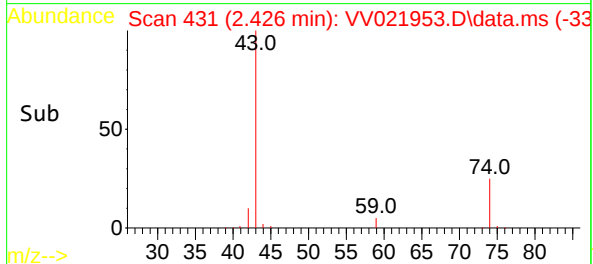
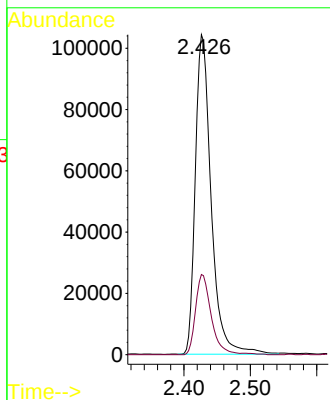
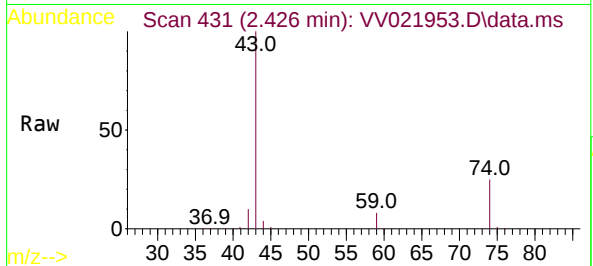




#15
Methyl Acetate
Concen: 52.164 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

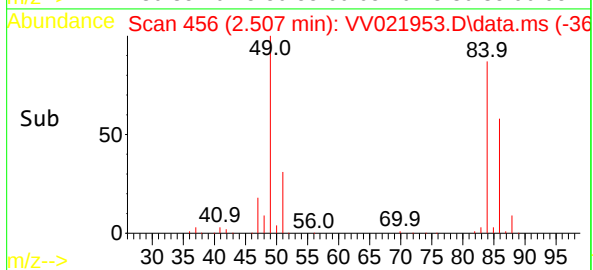
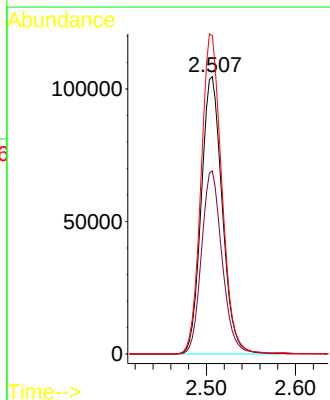
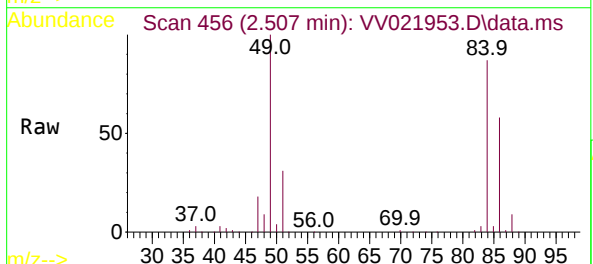
Instrument :
MSVOA_V
ClientSampled :

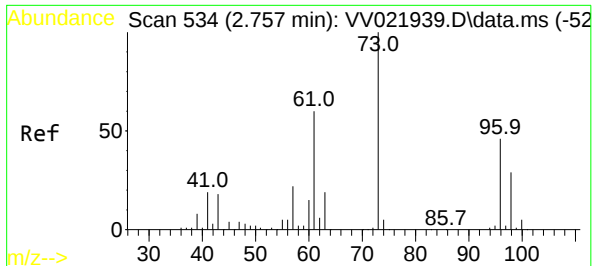
Tgt Ion: 43 Resp: 173878
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.6



#16
Methylene chloride
Concen: 45.884 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 84 Resp: 171104
Ion Ratio Lower Upper
84 100
86 66.0 44.7 83.1
49 114.8 82.5 153.3

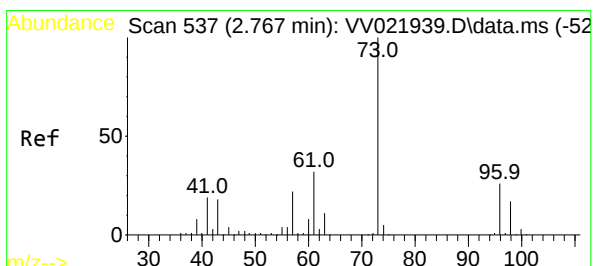
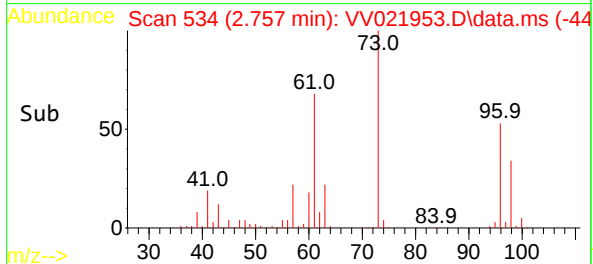
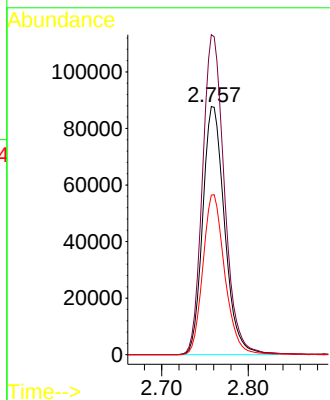
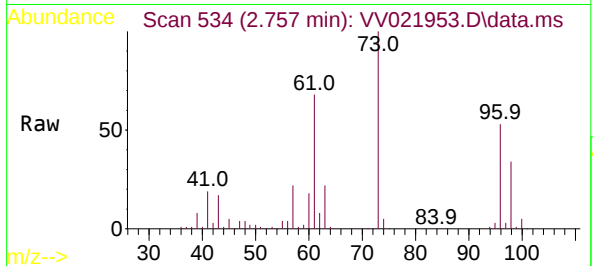




#17
trans-1,2-Dichloroethene
Concen: 49.061 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

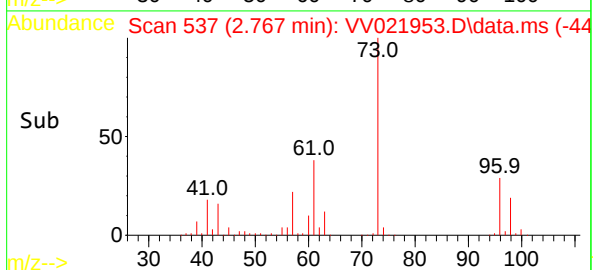
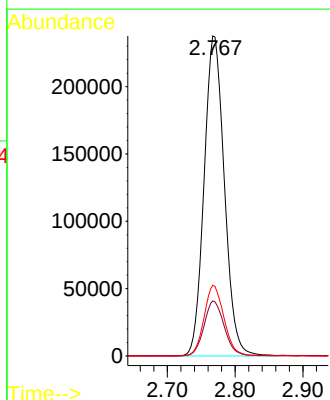
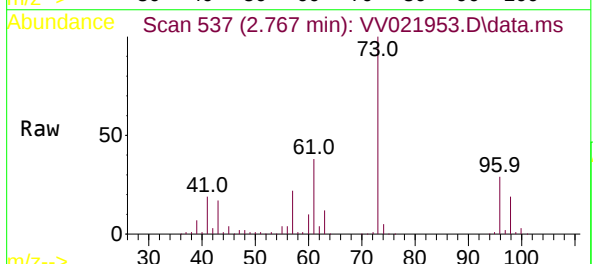
Instrument :
MSVOA_V
ClientSampleId :

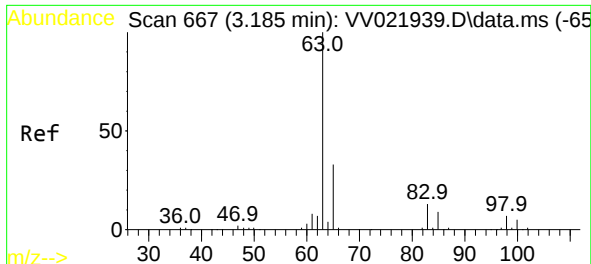
Tgt Ion: 96 Resp: 154340
Ion Ratio Lower Upper
96 100
61 128.9 90.4 168.0
98 64.3 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.102 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 73 Resp: 494410
Ion Ratio Lower Upper
73 100
43 17.0 14.2 21.4
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 48.710 ug/L

RT: 3.191 min Scan# 669

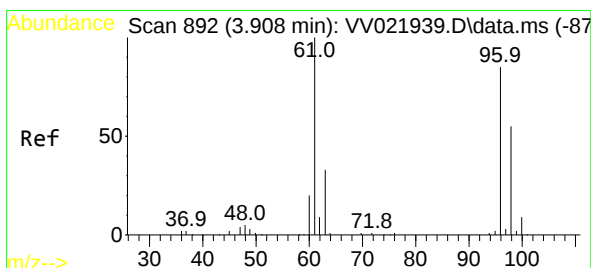
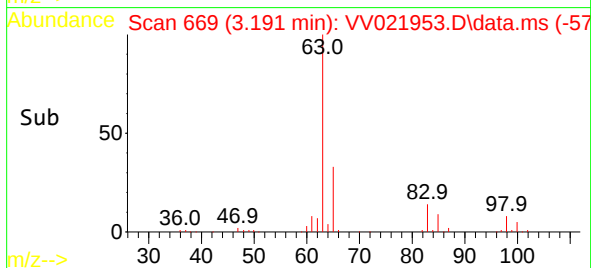
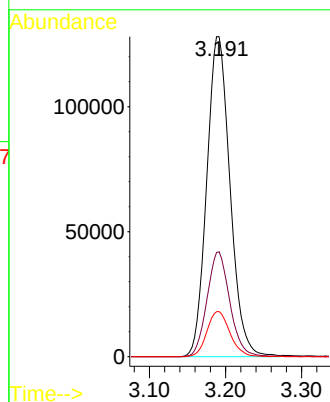
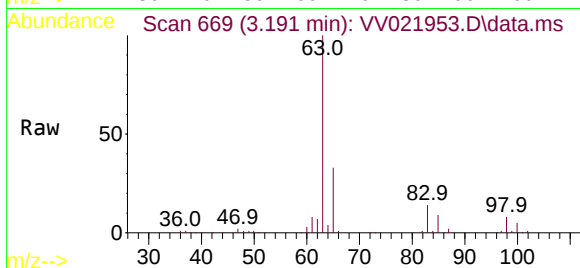
Delta R.T. 0.006 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion: 63 Resp: 272773

Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.8	40.6
83	14.1	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 46.957 ug/L

RT: 3.915 min Scan# 894

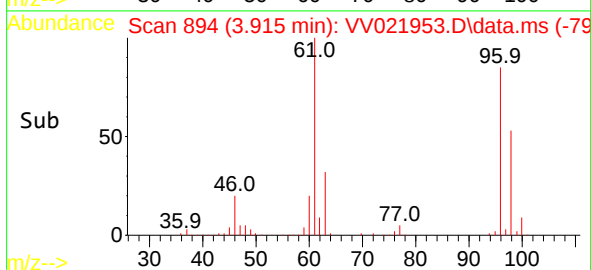
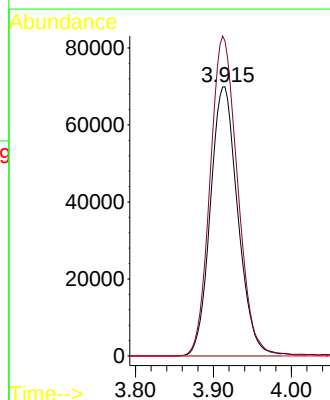
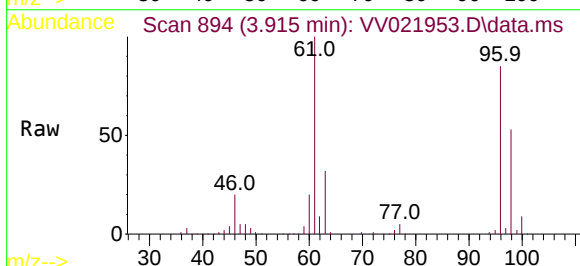
Delta R.T. 0.006 min

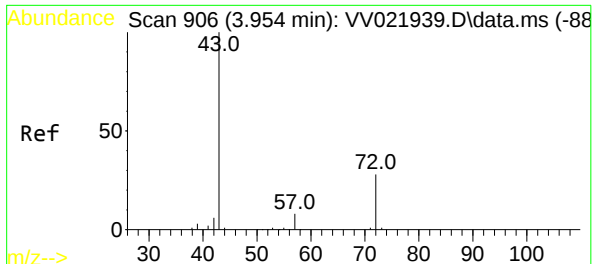
Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion: 96 Resp: 171059

Ion	Ratio	Lower	Upper
96	100		
61	117.1	81.0	150.4
68	0.0	0.0	0.0

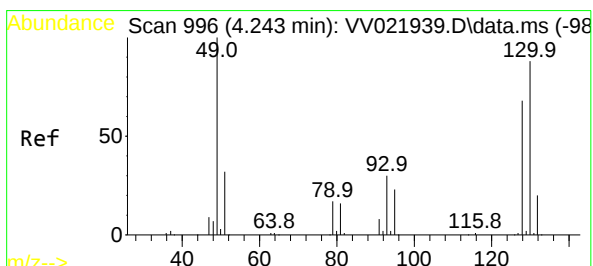
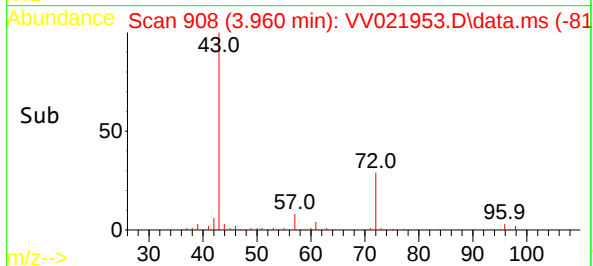
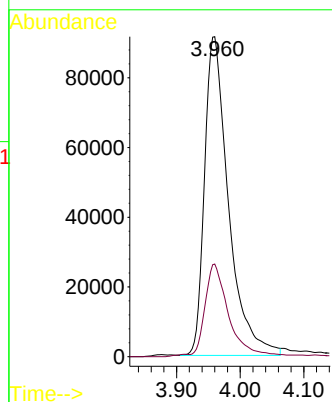
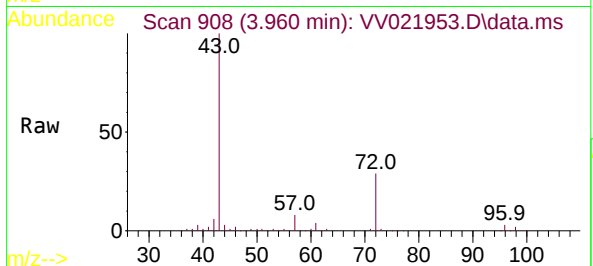




#22
2-Butanone
Concen: 90.673 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.006 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

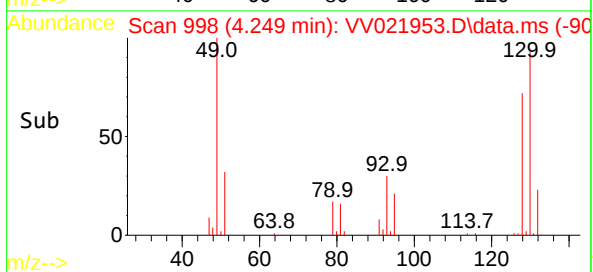
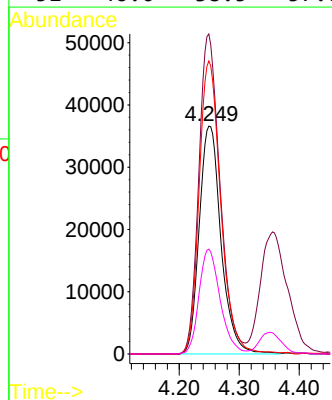
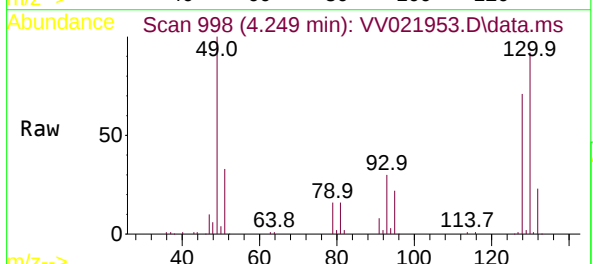
Instrument :
MSVOA_V
ClientSampled :

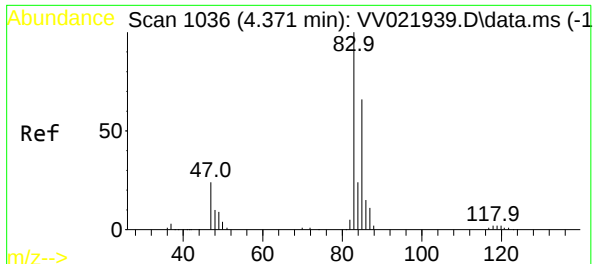
Tgt Ion: 43 Resp: 239593
Ion Ratio Lower Upper
43 100
72 27.5 13.6 40.8



#23
Bromochloromethane
Concen: 47.848 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 128 Resp: 92478
Ion Ratio Lower Upper
128 100
49 140.4 105.6 196.0
130 128.5 89.5 166.1
51 46.0 38.5 57.7



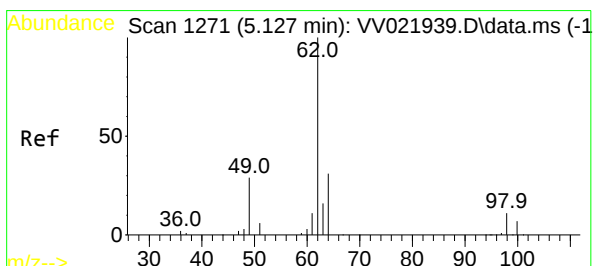
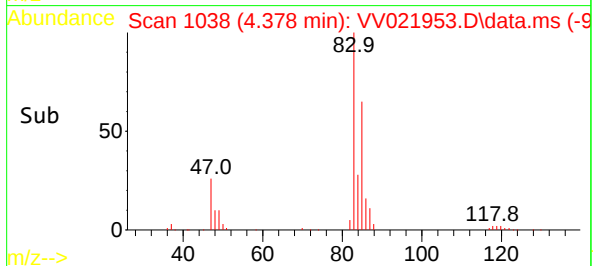
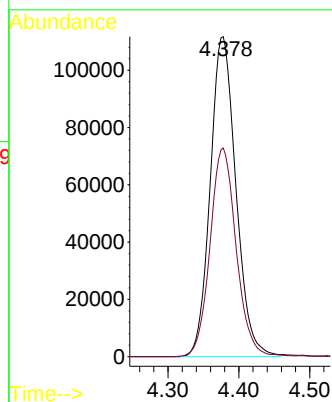
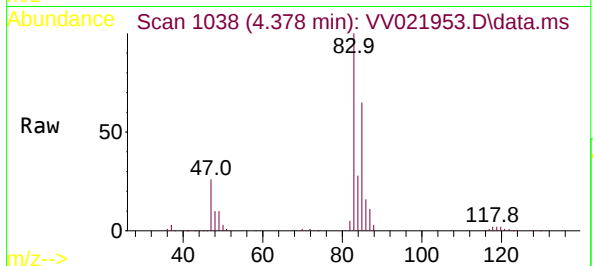


#25

Chloroform
Concen: 46.698 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Instrument :
MSVOA_V
ClientSampled :

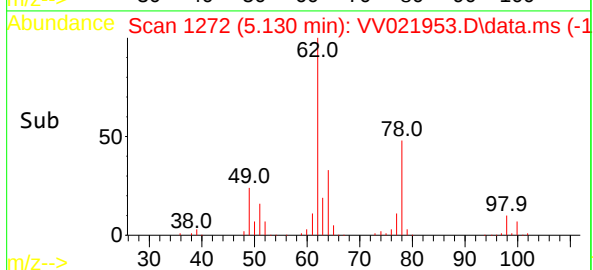
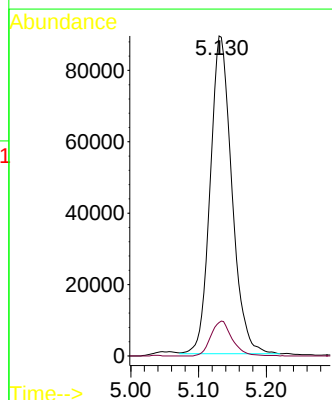
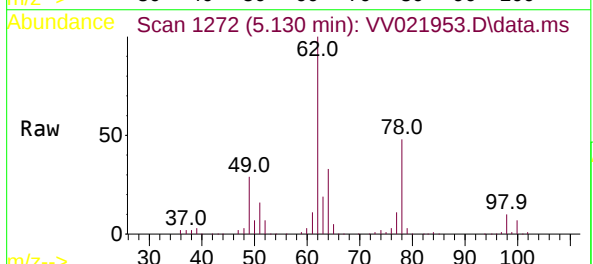
Tgt Ion: 83 Resp: 281382
Ion Ratio Lower Upper
83 100
85 65.2 44.8 83.2

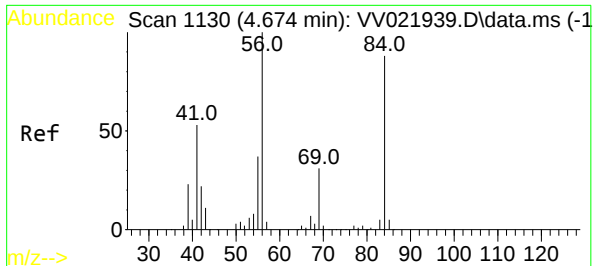


#27

1,2-Dichloroethane
Concen: 46.541 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 62 Resp: 197587
Ion Ratio Lower Upper
62 100
98 10.5 8.6 13.0





#29

Cyclohexane

Concen: 45.386 ug/L

RT: 4.677 min Scan# 1131

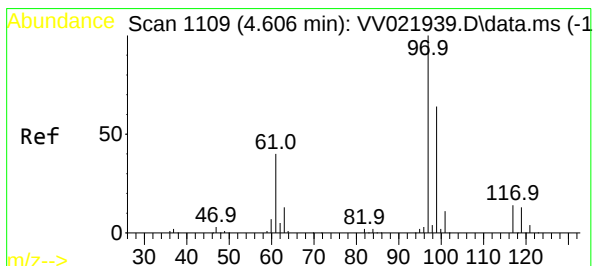
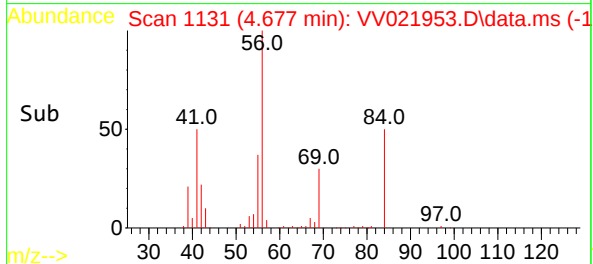
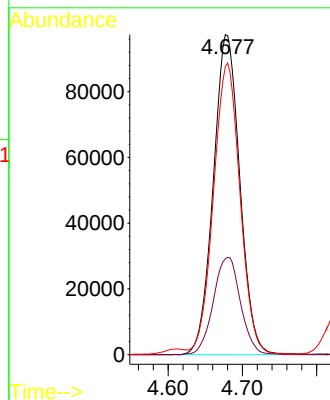
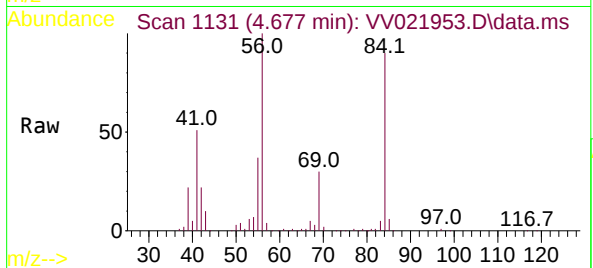
Delta R.T. 0.003 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion:	56	Resp:	241312
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.9	37.3
84	91.0	72.6	109.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 46.414 ug/L

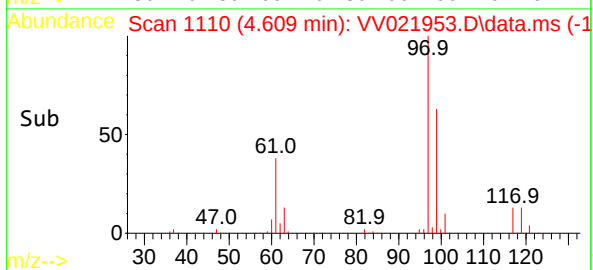
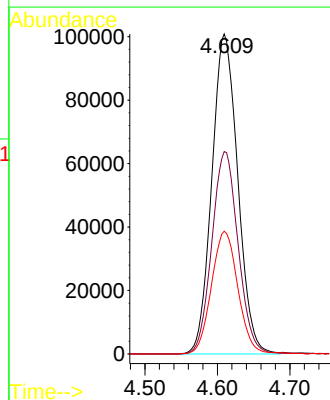
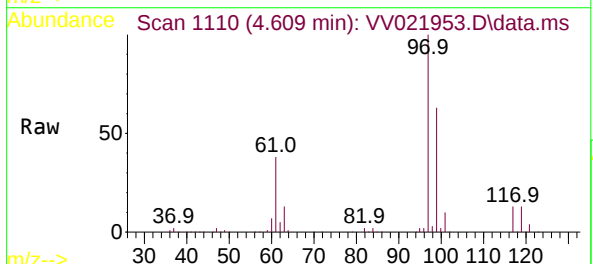
RT: 4.609 min Scan# 1110

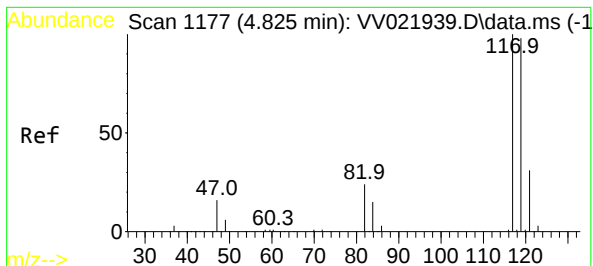
Delta R.T. 0.003 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion:	97	Resp:	250728
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	39.3	32.3	48.5

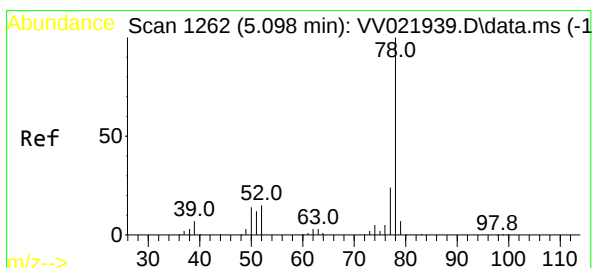
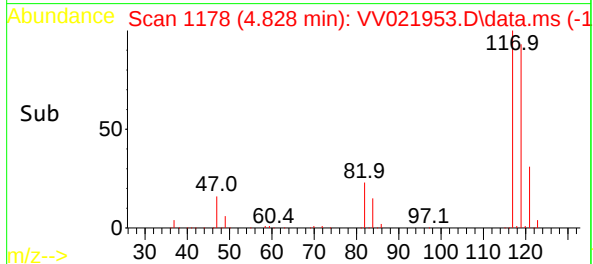
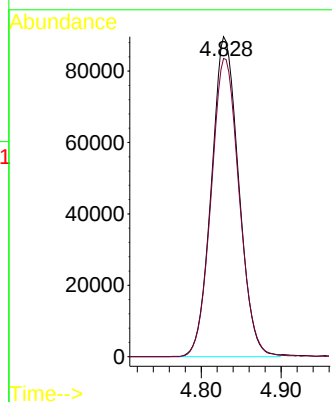
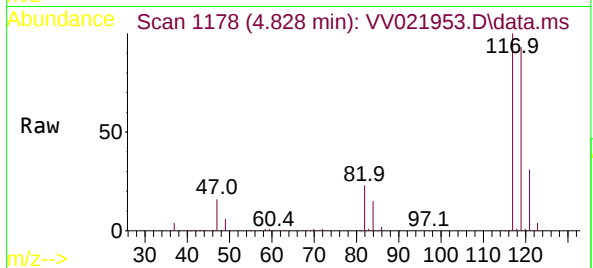




#31
Carbon tetrachloride
Concen: 45.419 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

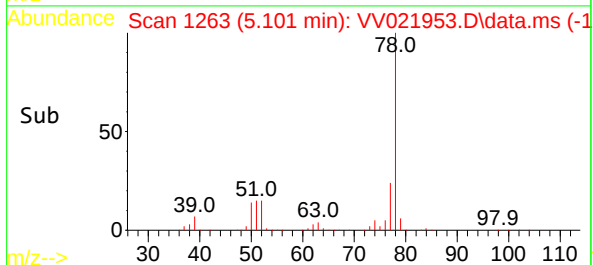
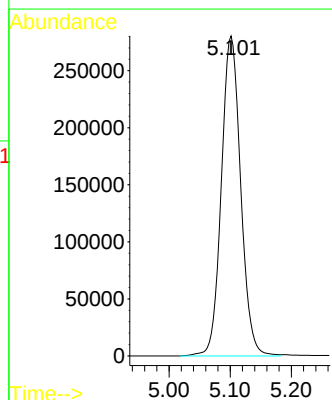
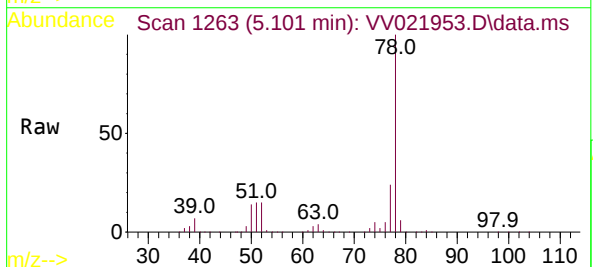
Instrument :
MSVOA_V
ClientSampled :

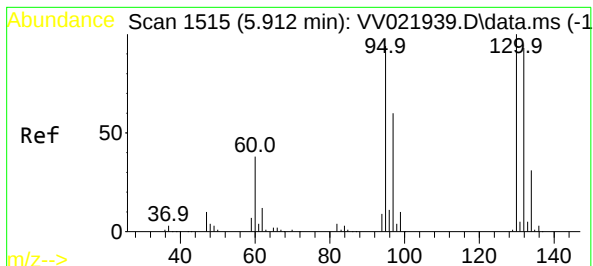
Tgt Ion:117 Resp: 212301
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7



#33
Benzene
Concen: 46.378 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 78 Resp: 616134





#34

Trichloroethene

Concen: 44.783 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion: 95 Resp: 170965

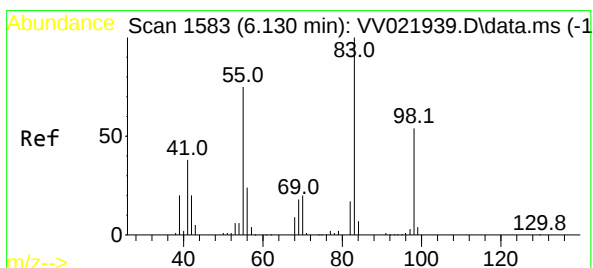
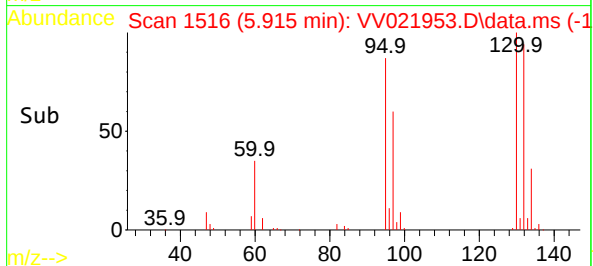
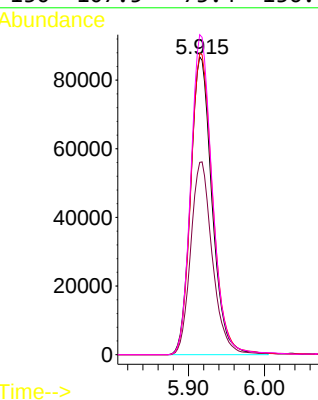
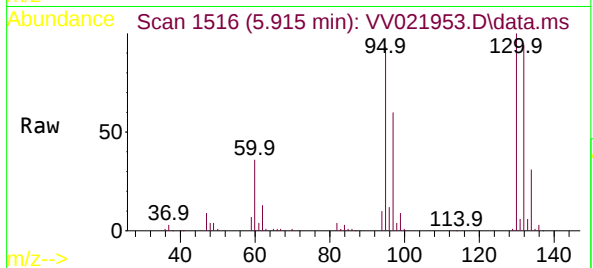
Ion Ratio Lower Upper

95 100

97 64.6 44.1 81.9

132 101.2 70.2 130.4

130 107.5 73.4 136.4



#35

Methylcyclohexane

Concen: 45.439 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

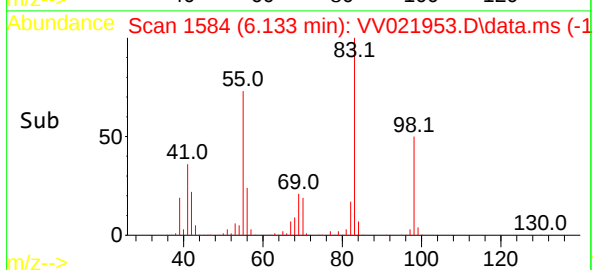
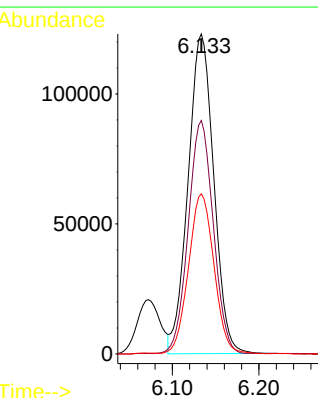
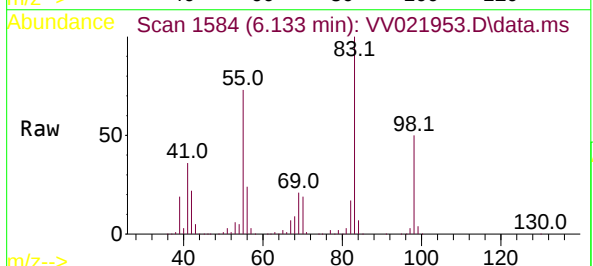
Tgt Ion: 83 Resp: 253081

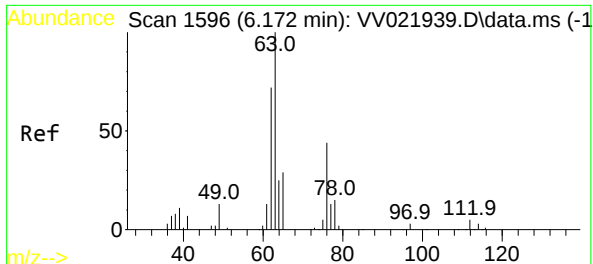
Ion Ratio Lower Upper

83 100

55 71.2 57.9 86.9

98 49.7 39.9 59.9

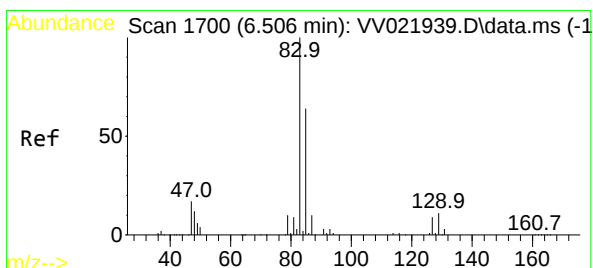
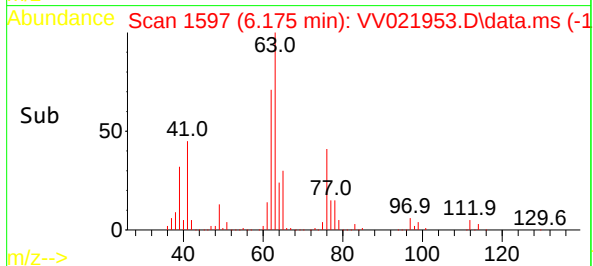
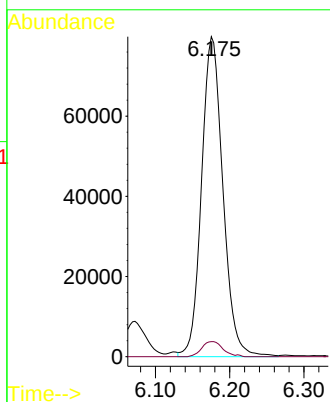
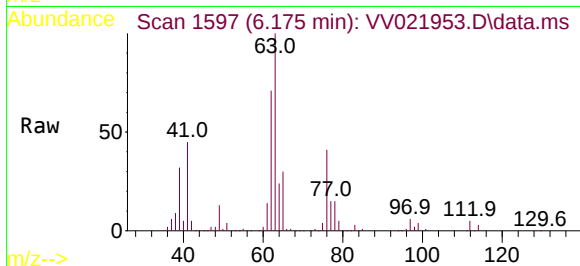




#37
1,2-Dichloropropane
Concen: 47.441 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

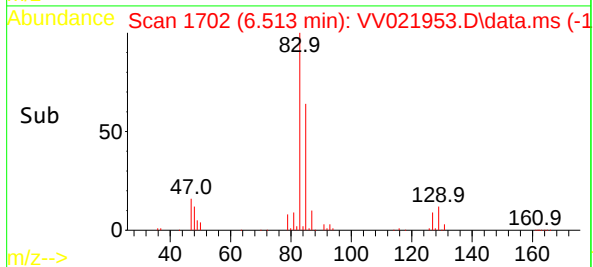
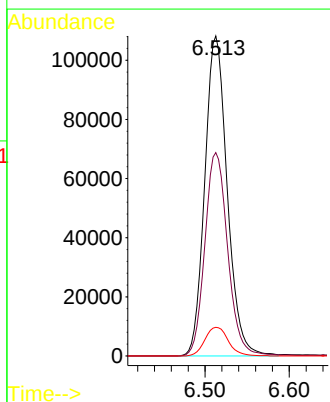
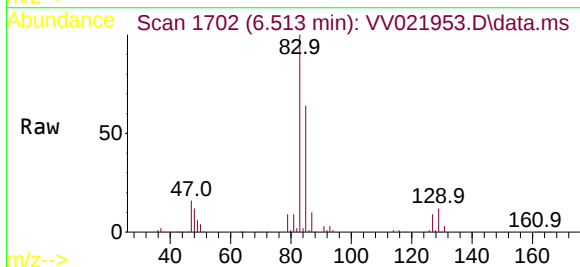
Instrument :
MSVOA_V
ClientSampled :

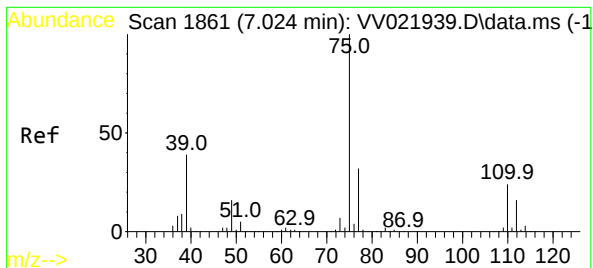
Tgt Ion: 63 Resp: 159585
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 45.340 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 83 Resp: 201021
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9
127 8.9 7.4 11.2

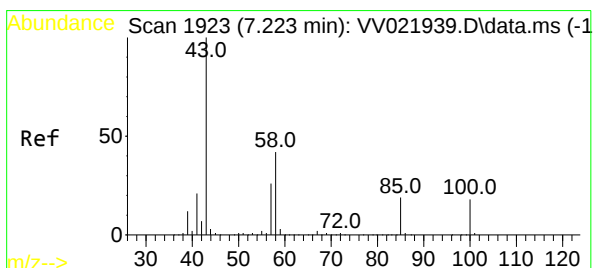
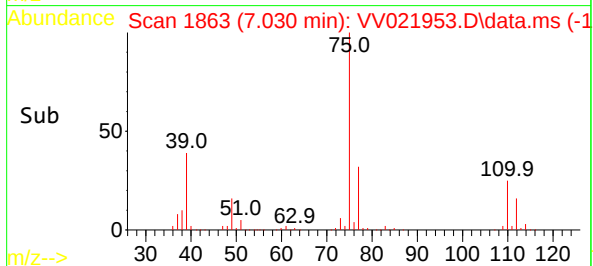
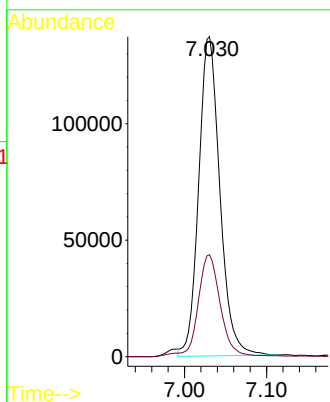
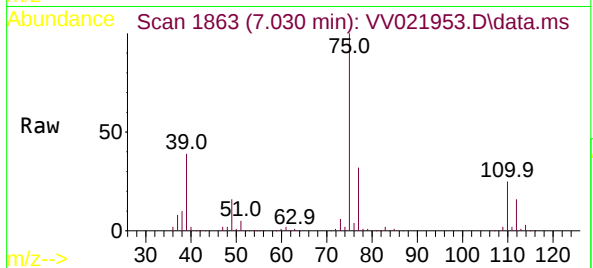




#39
cis-1,3-Dichloropropene
Concen: 46.147 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

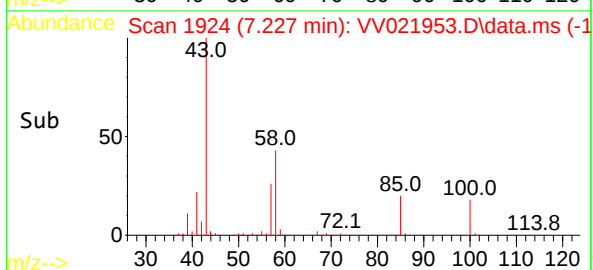
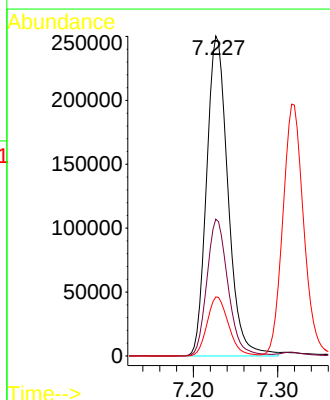
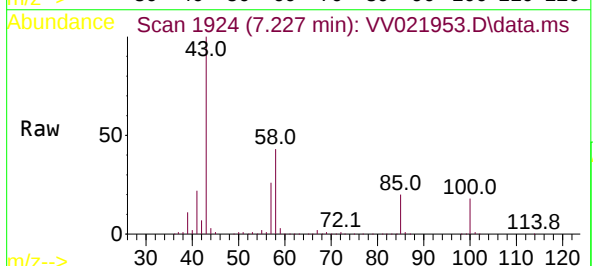
Instrument :
MSVOA_V
ClientSampleId :

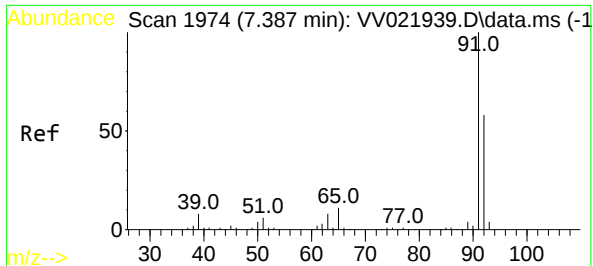
Tgt Ion: 75 Resp: 245807
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 95.668 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 43 Resp: 442680
Ion Ratio Lower Upper
43 100
58 42.3 32.9 49.3
100 18.4 14.0 21.0

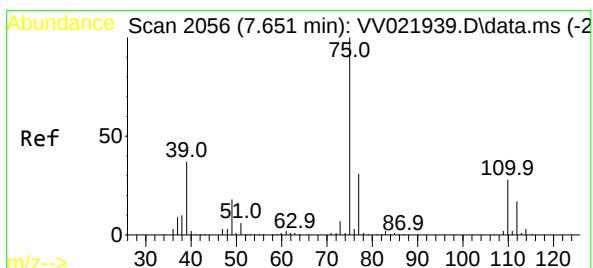
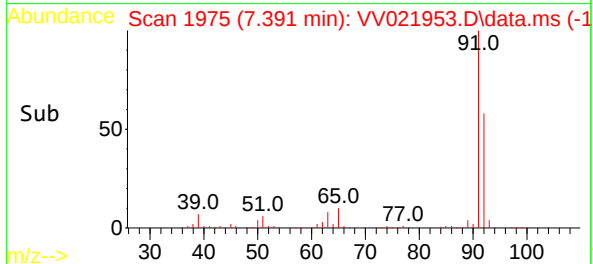
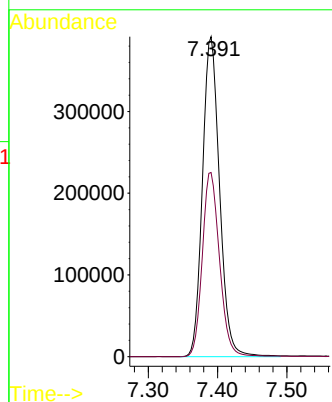
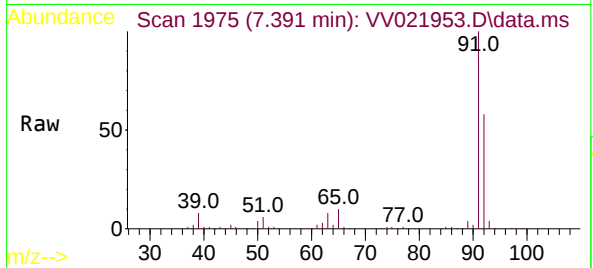




#42
Toluene
Concen: 47.372 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

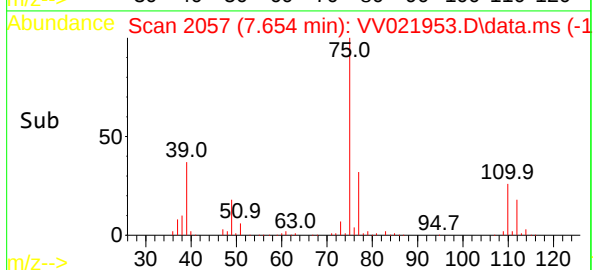
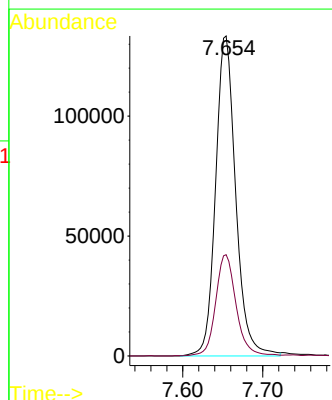
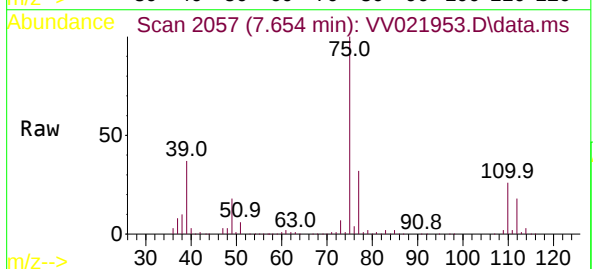
Instrument :
MSVOA_V
ClientSampled :

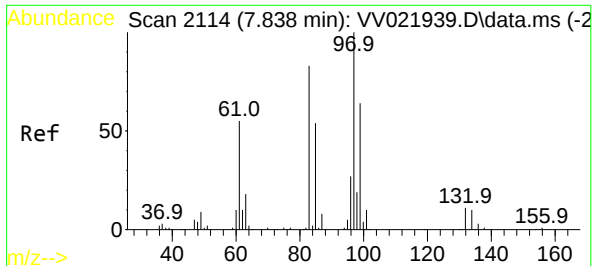
Tgt Ion: 91 Resp: 672143
Ion Ratio Lower Upper
91 100
92 57.6 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 46.336 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 75 Resp: 232597
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 47.115 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion: 97 Resp: 158767

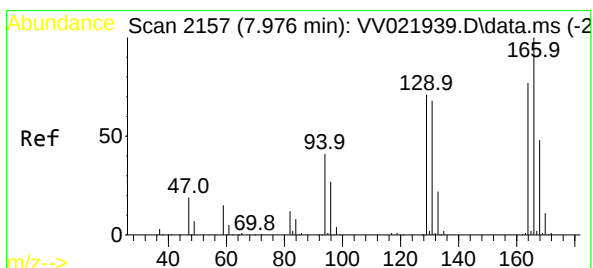
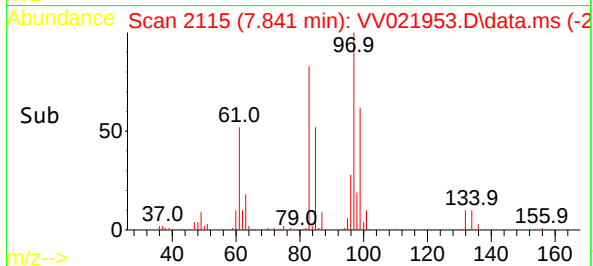
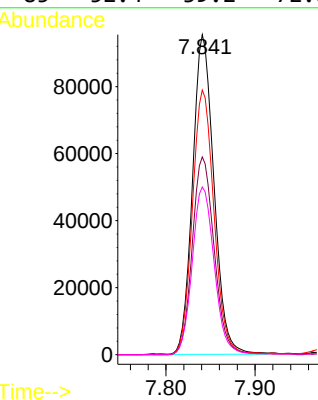
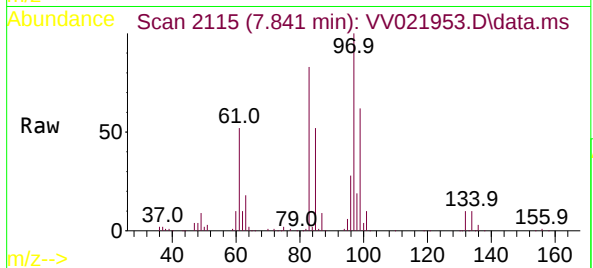
Ion Ratio Lower Upper

97 100

99 61.8 44.2 82.0

83 82.7 59.2 110.0

85 52.4 39.2 72.8



#46

Tetrachloroethene

Concen: 46.968 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021953.D

Acq: 25 Aug 2021 16:47

Tgt Ion:164 Resp: 133257

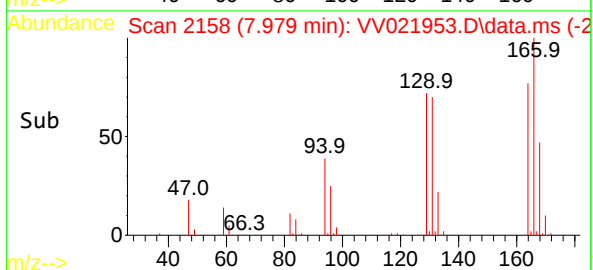
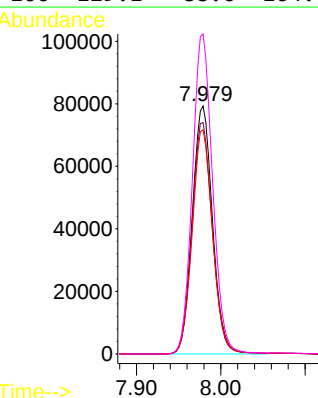
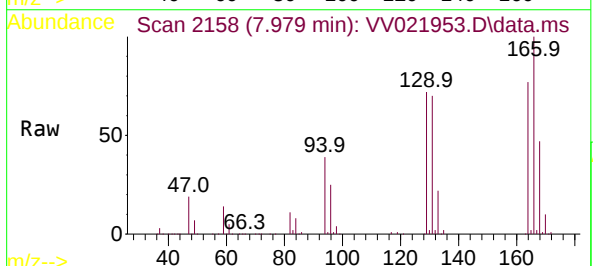
Ion Ratio Lower Upper

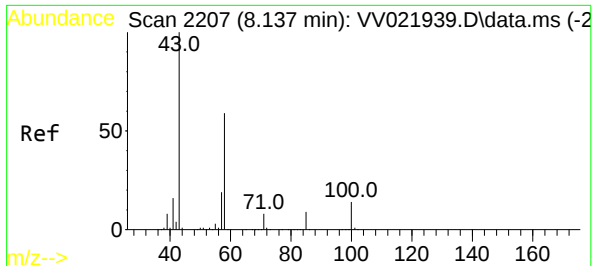
164 100

129 93.4 63.7 118.3

131 90.4 61.5 114.3

166 129.1 88.6 164.6



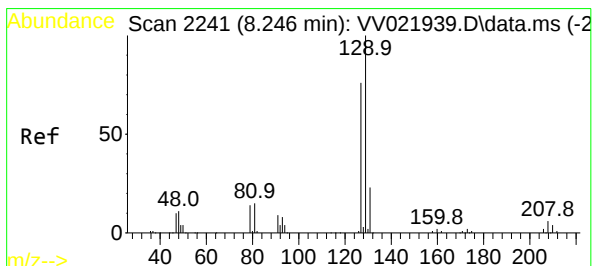
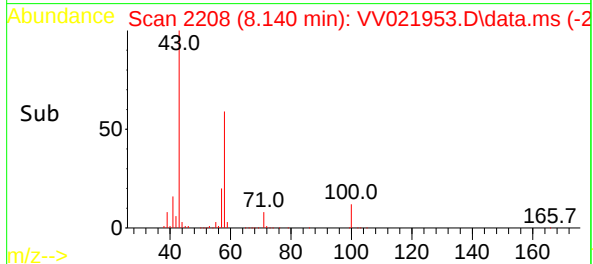
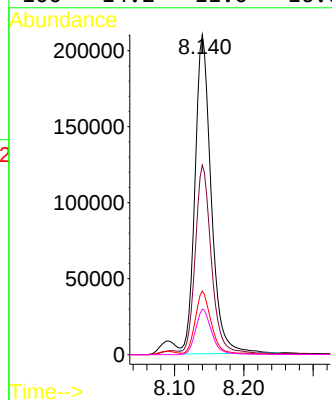
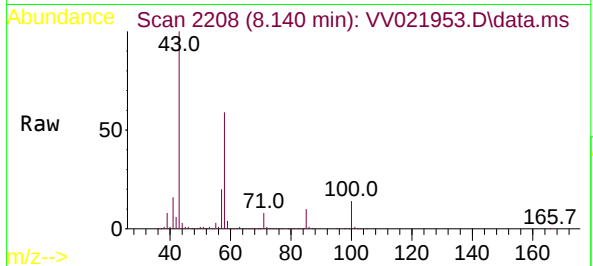


#48
2-Hexanone
Concen: 95.394 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 341922

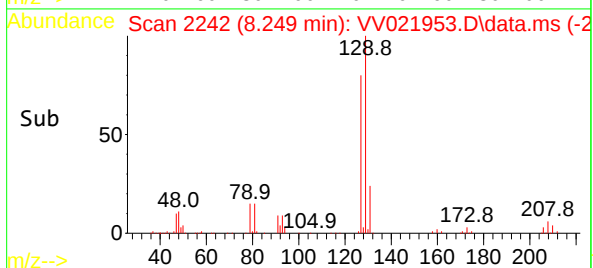
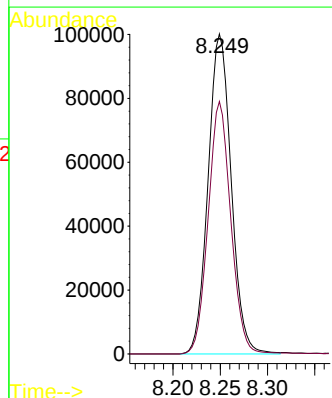
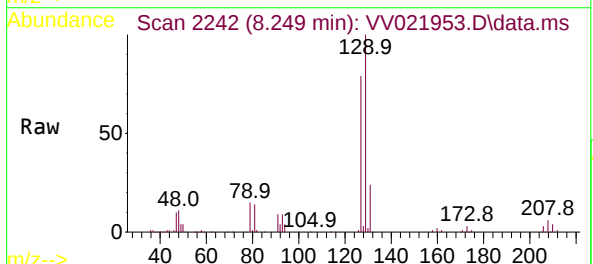
Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.4	68.2
57	18.8	15.3	22.9
100	14.2	11.0	16.6

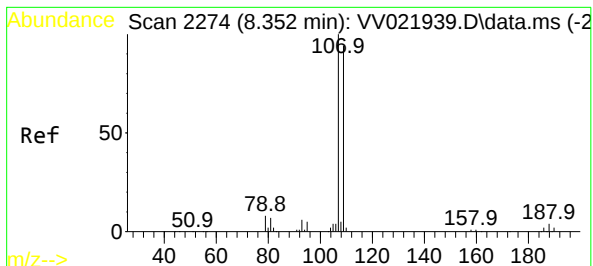


#49
Dibromochloromethane
Concen: 45.807 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 129 Resp: 170428

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.9	101.9

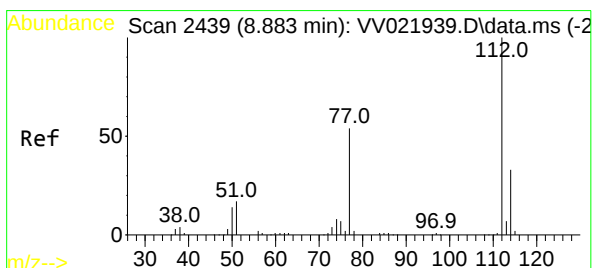
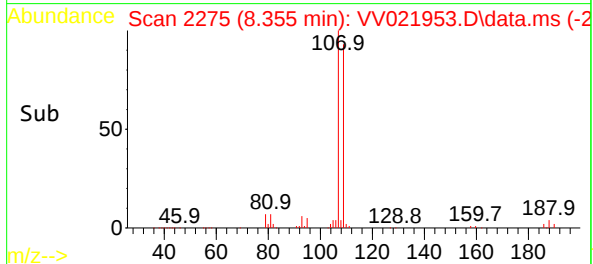
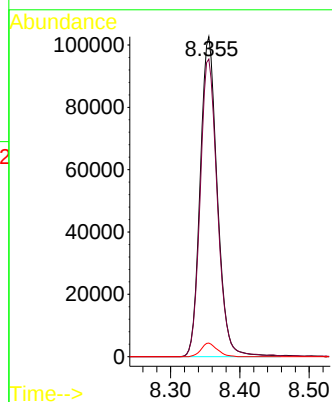
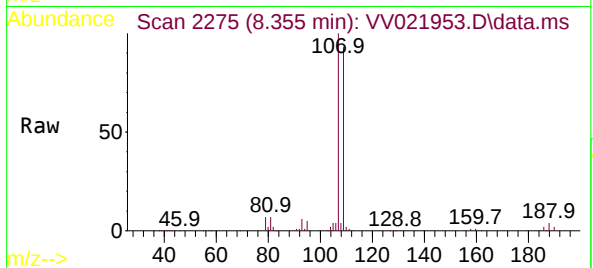




#50
1,2-Dibromoethane
Concen: 47.895 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

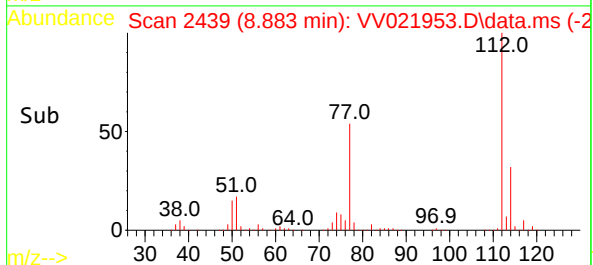
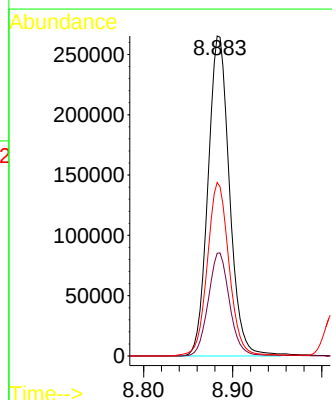
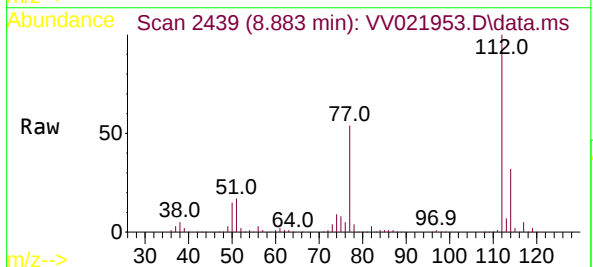
Instrument :
MSVOA_V
ClientSampleId :

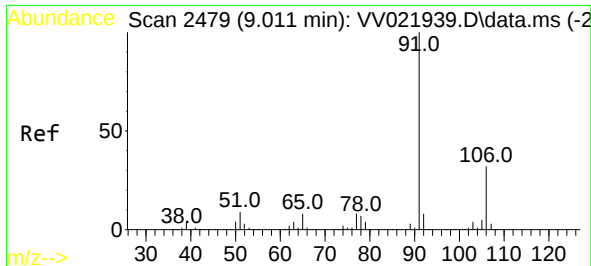
Tgt Ion:107 Resp: 175639
Ion Ratio Lower Upper
107 100
109 93.0 66.3 123.1
188 4.2 3.0 4.4



#51
Chlorobenzene
Concen: 47.980 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion:112 Resp: 444486
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 54.2 43.7 65.5

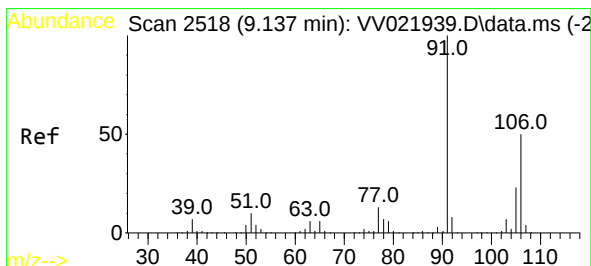
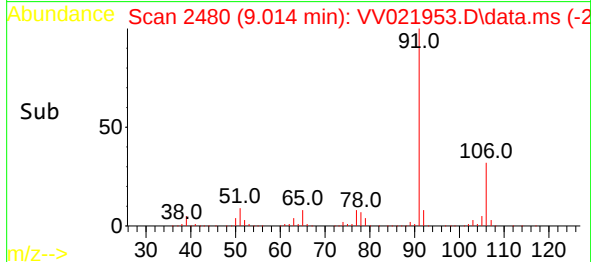
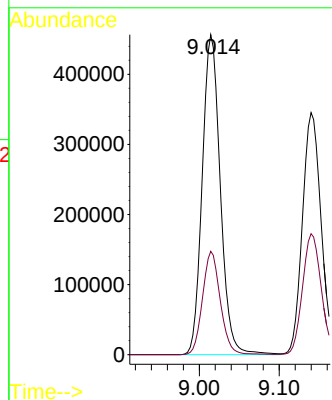
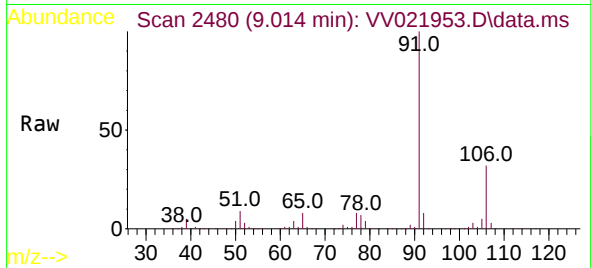




#52
Ethylbenzene
Concen: 47.548 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

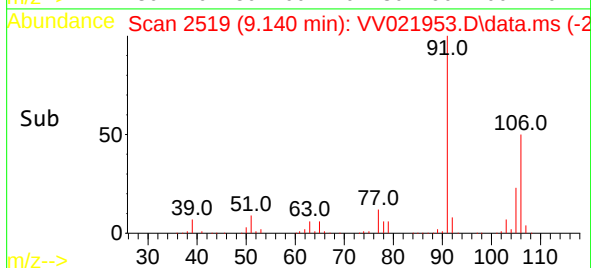
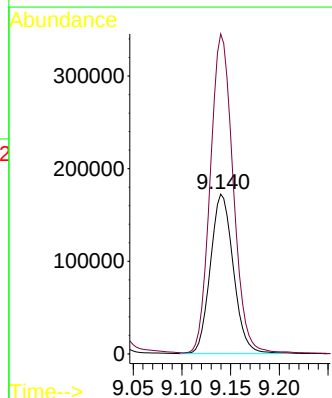
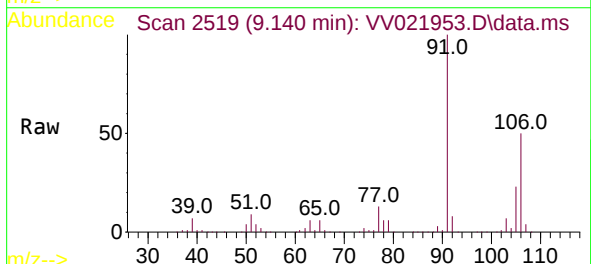
Instrument :
MSVOA_V
ClientSampled :

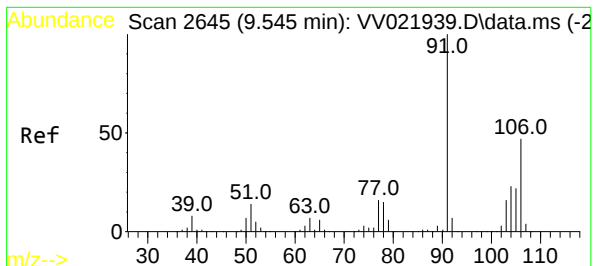
Tgt Ion: 91 Resp: 719755
Ion Ratio Lower Upper
91 100
106 32.3 22.2 41.2



#53
m,p-Xylene
Concen: 48.017 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 106 Resp: 281695
Ion Ratio Lower Upper
106 100
91 200.2 139.2 258.6





#54

o-Xylene

Concen: 48.172 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. -0.000 min

Lab File: VV021953.D

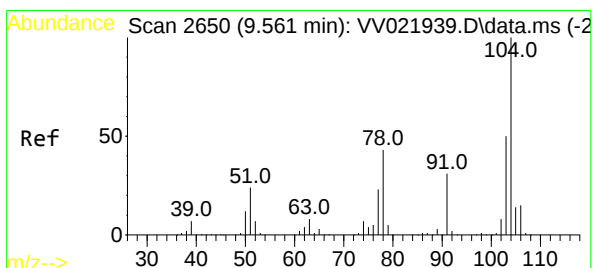
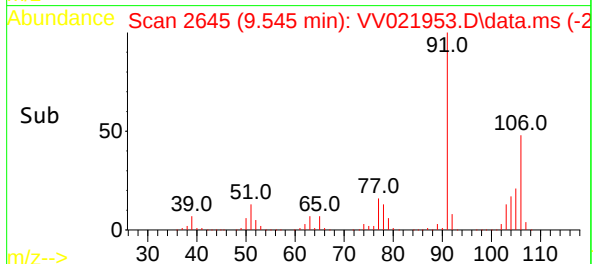
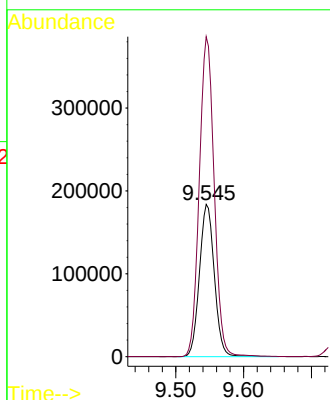
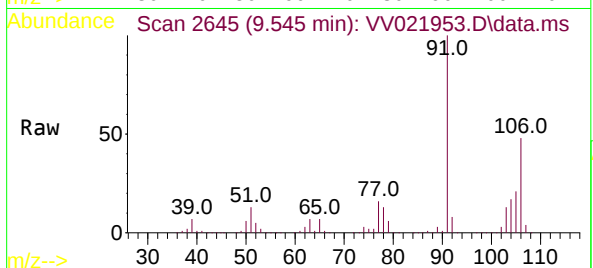
Acq: 25 Aug 2021 16:47

Tgt Ion:106 Resp: 280129

Ion Ratio Lower Upper

106 100

91 210.1 148.1 275.0



#55

Styrene

Concen: 49.306 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. -0.000 min

Lab File: VV021953.D

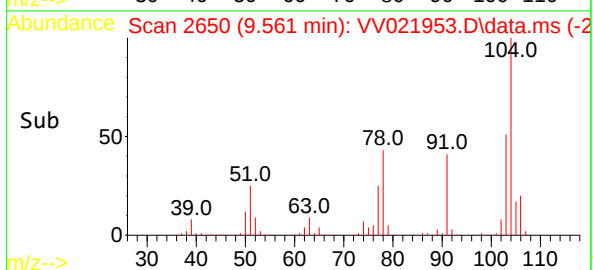
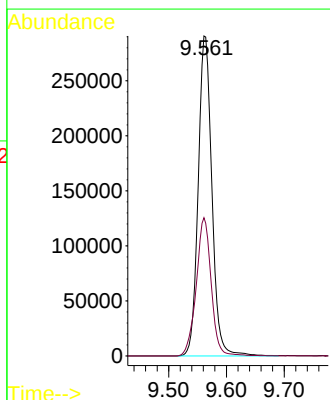
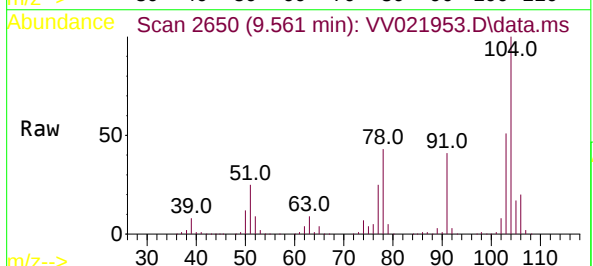
Acq: 25 Aug 2021 16:47

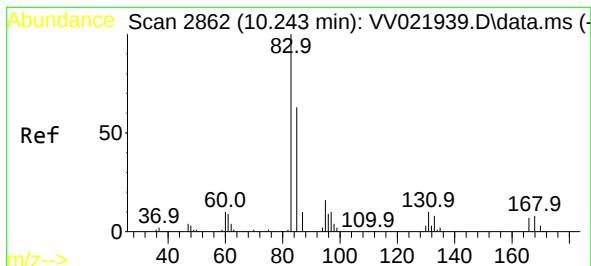
Tgt Ion:104 Resp: 480142

Ion Ratio Lower Upper

104 100

78 43.2 30.2 56.2

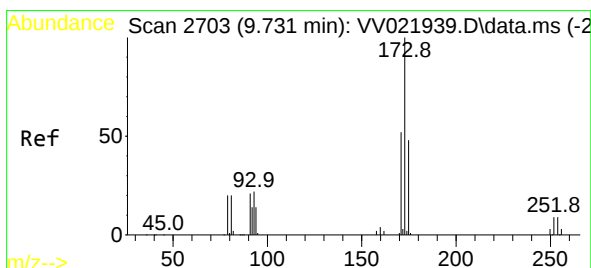
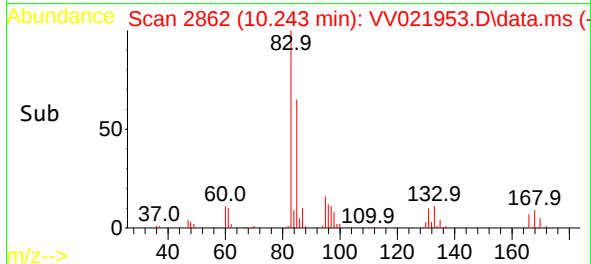
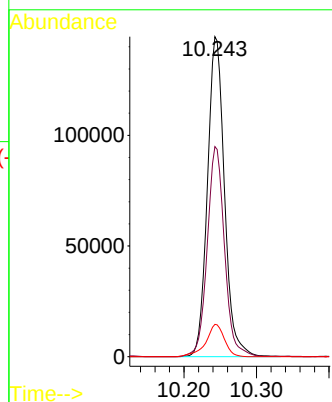
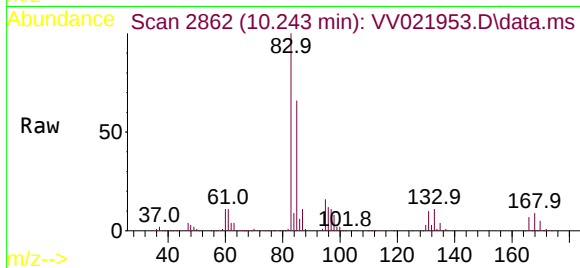




#57
1,1,2,2-Tetrachloroethane
Concen: 50.336 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

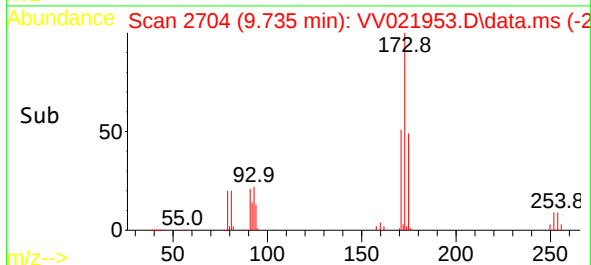
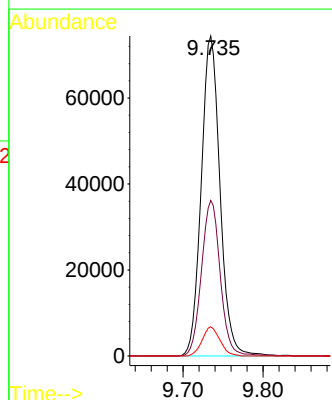
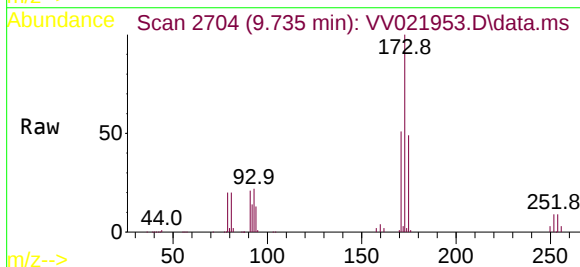
Instrument :
MSVOA_V
ClientSampleId :

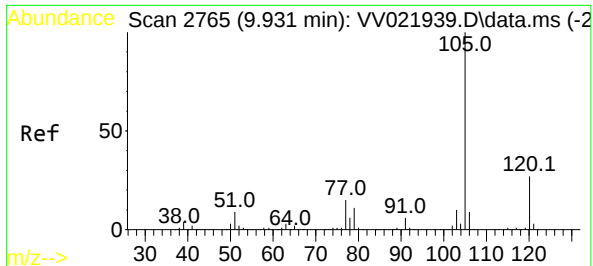
Tgt Ion: 83 Resp: 236136
Ion Ratio Lower Upper
83 100
85 65.6 44.4 82.5
131 10.1 7.9 11.9



#59
Bromoform
Concen: 43.707 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 173 Resp: 121810
Ion Ratio Lower Upper
173 100
175 48.1 38.6 58.0
254 8.6 7.2 10.8

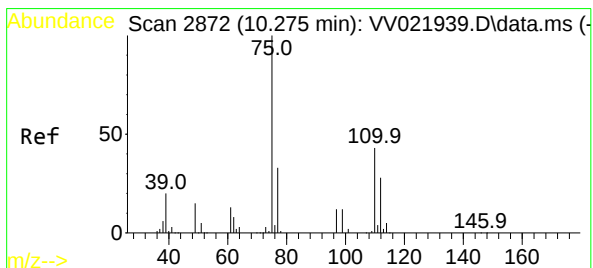
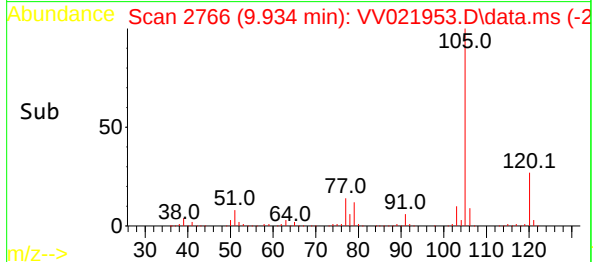
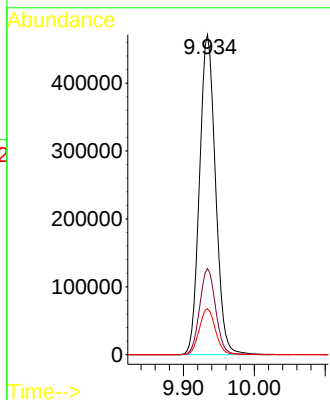
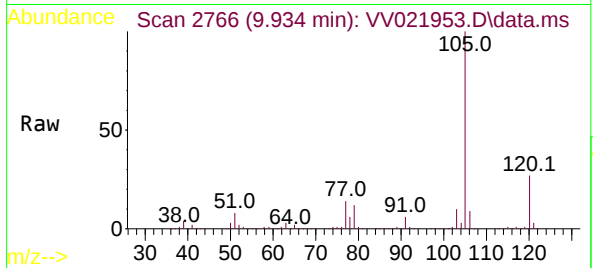




#60
Isopropylbenzene
Concen: 46.910 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

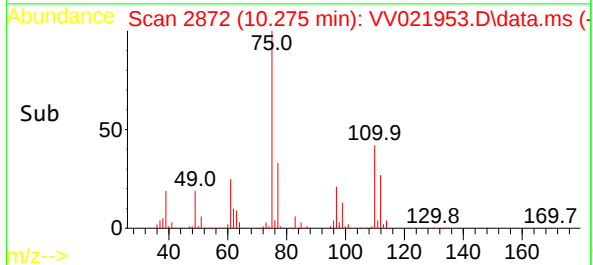
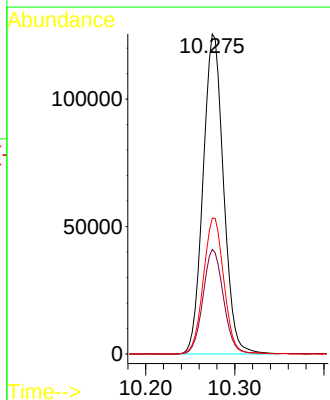
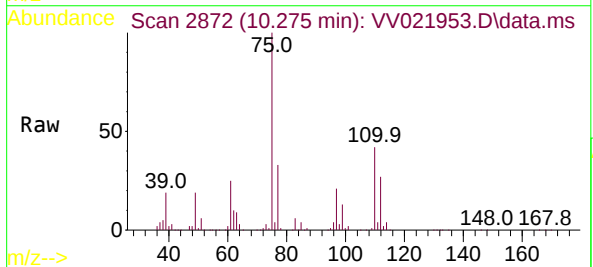
Instrument :
MSVOA_V
ClientSampled :

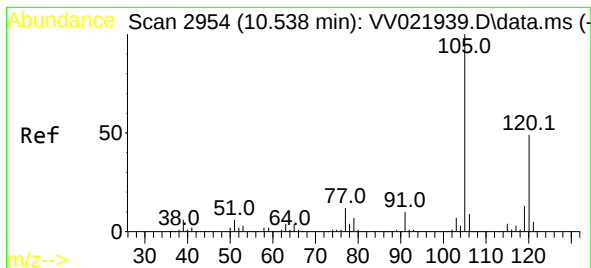
Tgt Ion:105 Resp: 737323
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 46.177 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

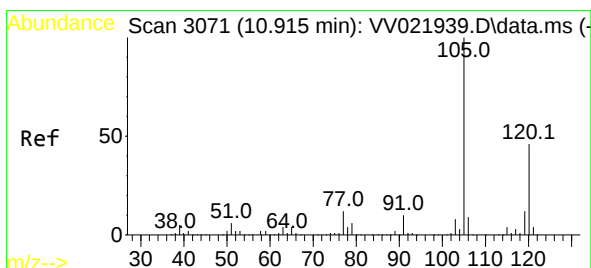
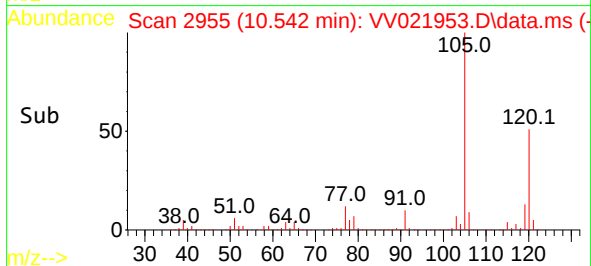
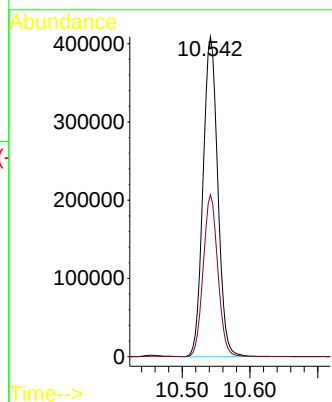
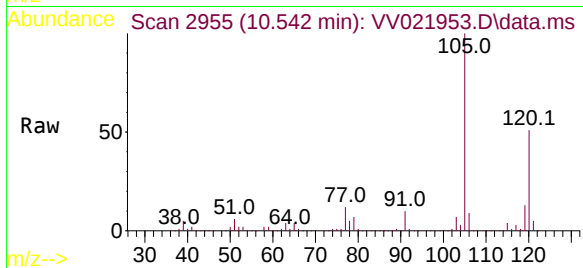
Tgt Ion: 75 Resp: 200064
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
110 42.5 33.4 50.2





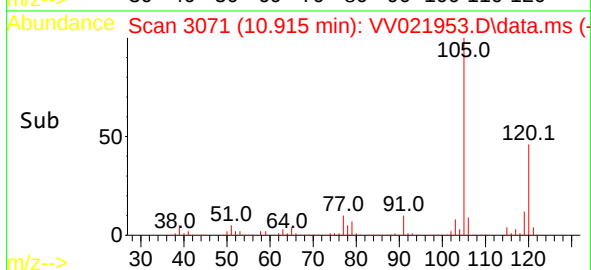
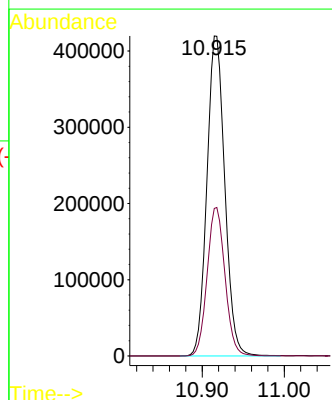
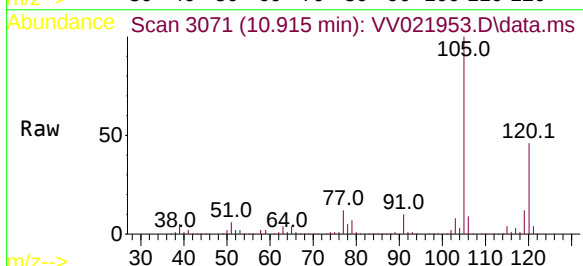
#62
1,3,5-Trimethylbenzene
Concen: 46.748 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

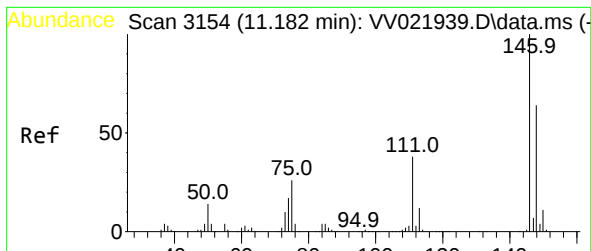
Tgt Ion:105 Resp: 616607
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 47.306 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

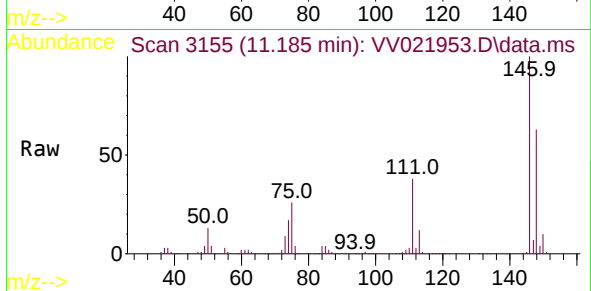
Tgt Ion:105 Resp: 634428
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9



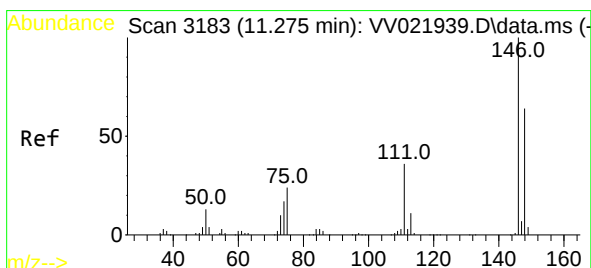
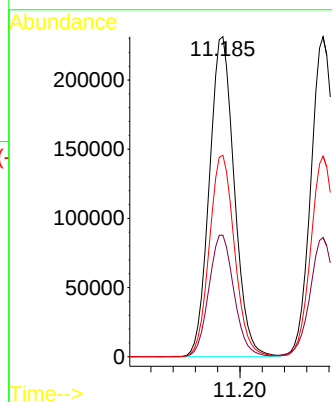
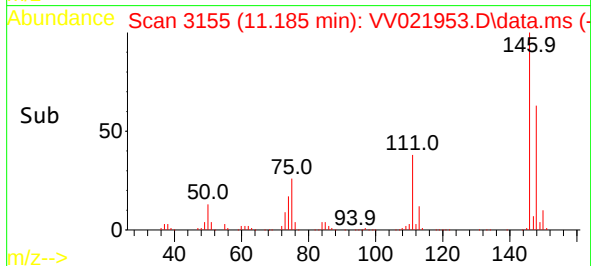


#64
1,3-Dichlorobenzene
Concen: 47.273 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

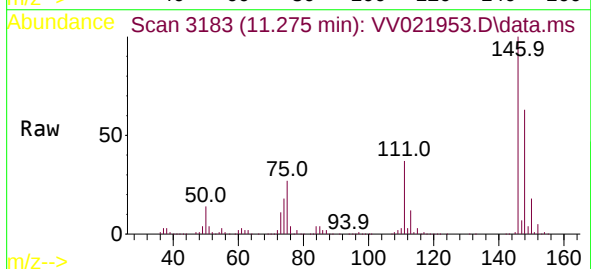
Instrument :
MSVOA_V
ClientSampled :



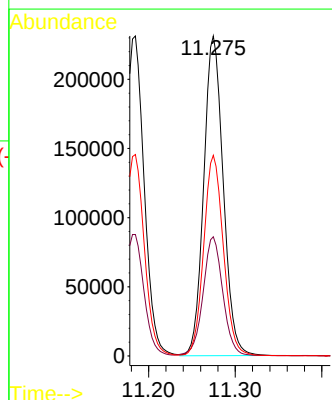
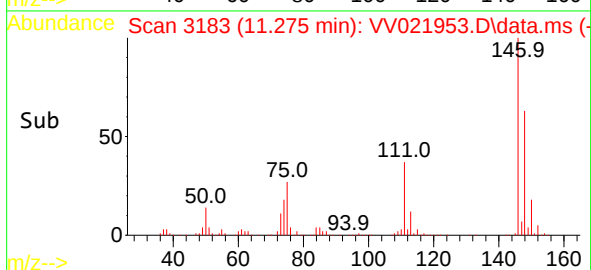
Tgt Ion:146 Resp: 359825
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 63.0 44.3 82.3

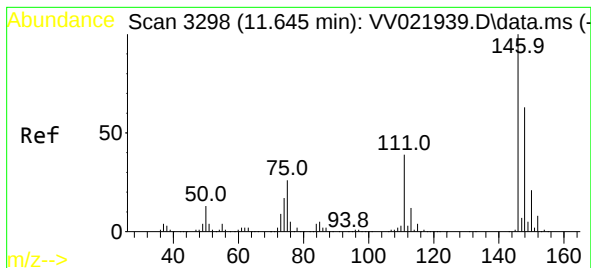


#65
1,4-Dichlorobenzene
Concen: 47.578 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47



Tgt Ion:146 Resp: 361488
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.6
148 62.7 45.1 83.9

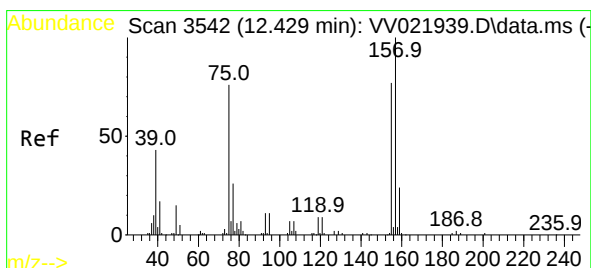
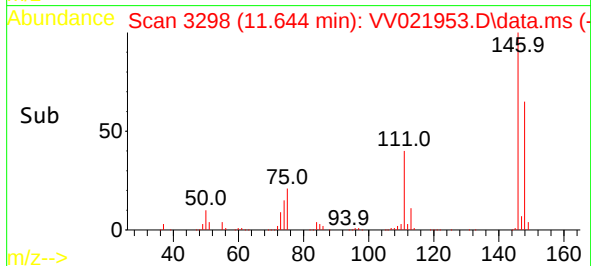
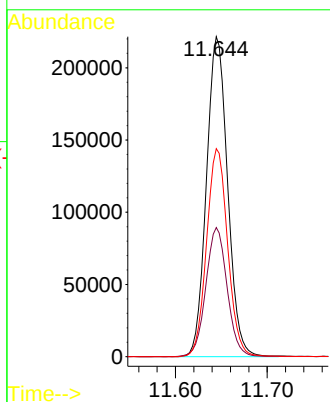
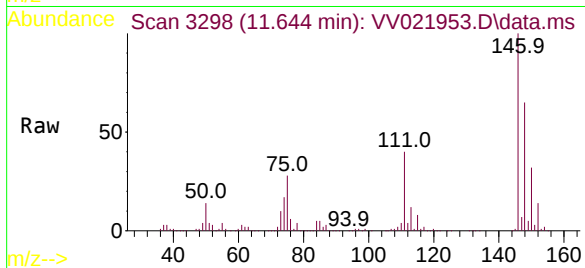




#67
1,2-Dichlorobenzene
Concen: 46.263 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

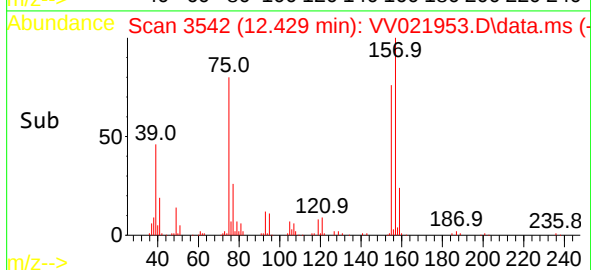
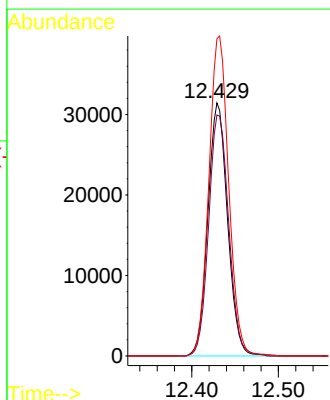
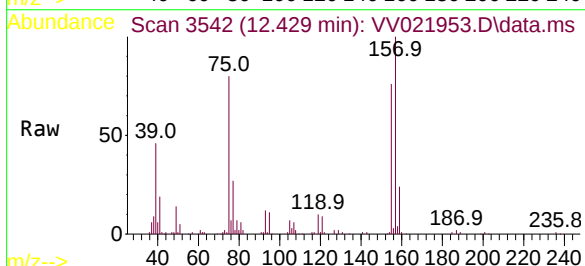
Instrument :
MSVOA_V
ClientSampled :

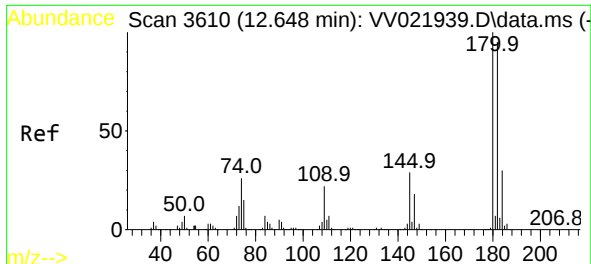
Tgt Ion:146 Resp: 355232
Ion Ratio Lower Upper
146 100
111 40.4 31.8 47.8
148 65.0 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 47.161 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion: 75 Resp: 49678
Ion Ratio Lower Upper
75 100
155 95.3 77.8 116.8
157 125.4 99.4 149.0

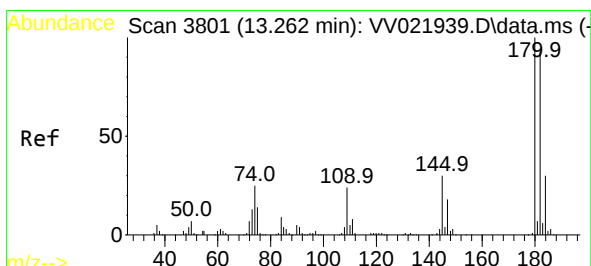
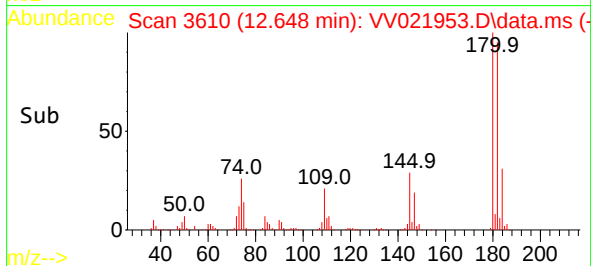
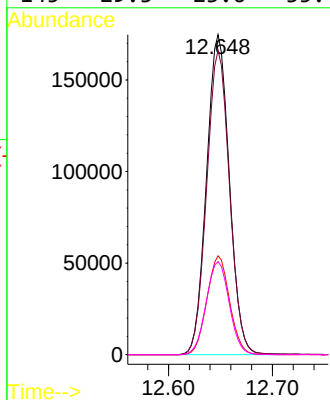
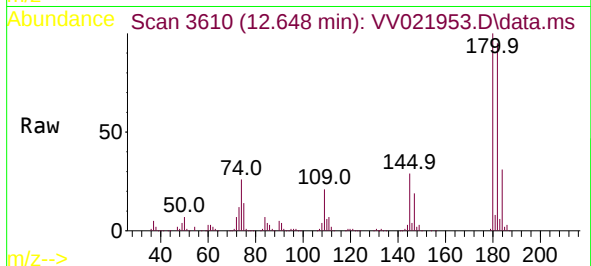




#69
1,3,5-Trichlorobenzene
Concen: 48.289 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

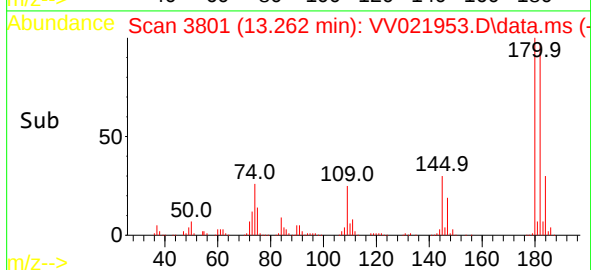
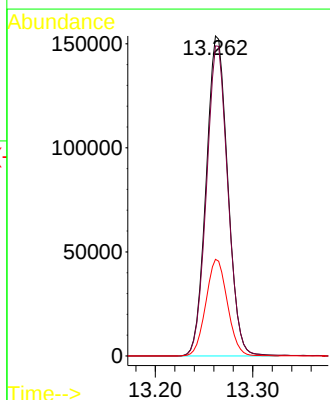
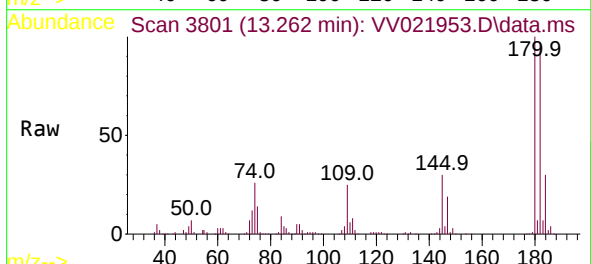
Instrument :
MSVOA_V
ClientSampleId :

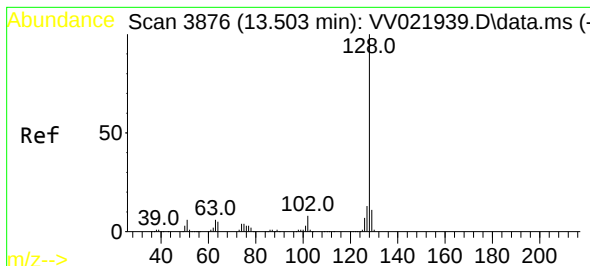
Tgt Ion:180 Resp: 266433
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
184 30.7 24.1 36.1
145 29.3 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 51.129 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion:180 Resp: 236595
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.6
145 30.2 23.9 35.9

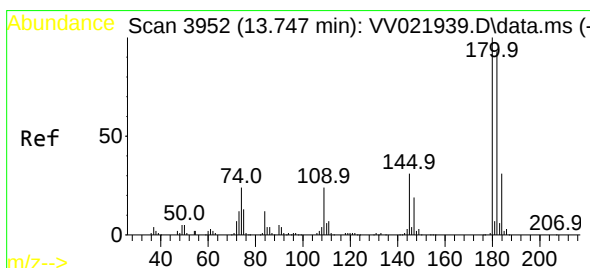
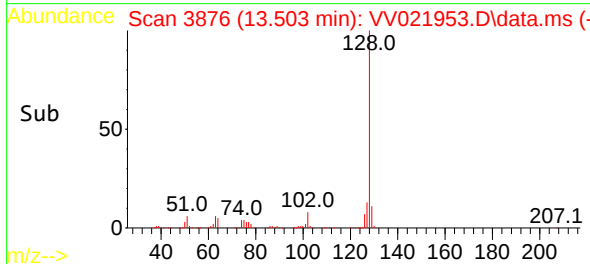
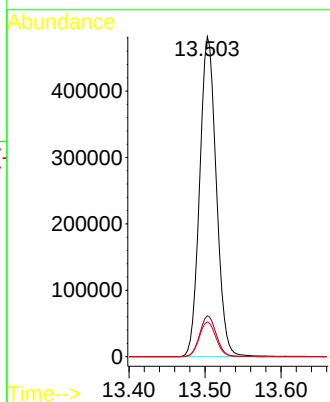
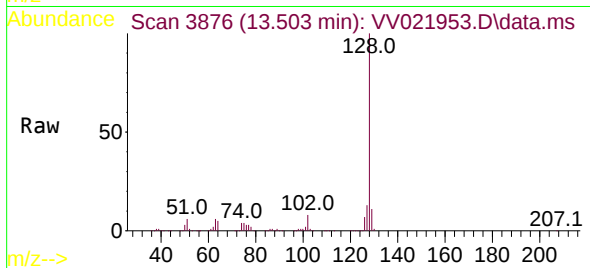




#71
Naphthalene
Concen: 54.509 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 732681
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 51.094 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV021953.D
Acq: 25 Aug 2021 16:47

Tgt Ion:180 Resp: 237515
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.2
145 31.9 25.6 38.4

