

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072221\
 Data File : VV021701.D
 Acq On : 22 Jul 2021 16:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 01:18:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 23 01:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	480838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	455241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	240960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146519	43.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.140%
7) Chloroethane-d5	1.558	69	119218	50.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.300%
11) 1,1-Dichloroethene-d2	2.105	63	252537	44.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.100%
21) 2-Butanone-d5	3.873	46	253026	96.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.510%
24) Chloroform-d	4.349	84	299646	46.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.034	65	179396	46.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
32) Benzene-d6	5.050	84	606800	45.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
36) 1,2-Dichloropropane-d6	6.072	67	191319	45.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.340%
41) Toluene-d8	7.317	98	560853	45.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.620%
43) trans-1,3-Dichloroprop...	7.622	79	93958	44.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.980%
47) 2-Hexanone-d5	8.088	63	180026	95.150	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.150%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	262643	47.462	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	11.625	152	227651	45.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	156115	44.929	ug/L	100
3) Chloromethane	1.243	50	160823	49.032	ug/L	98
5) Vinyl chloride	1.311	62	156262	45.730	ug/L	99
6) Bromomethane	1.507	94	97345	59.752	ug/L	100
8) Chloroethane	1.577	64	96725	49.908	ug/L	99
9) Trichlorofluoromethane	1.748	101	219129	45.589	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	124680	45.932	ug/L	99
12) 1,1-Dichloroethene	2.114	96	115388	45.553	ug/L	97
13) Acetone	2.159	43	172172	103.538	ug/L	98
14) Carbon disulfide	2.291	76	338197	44.218	ug/L	100
15) Methyl Acetate	2.426	43	172949	47.426	ug/L	99
16) Methylene chloride	2.503	84	161981	44.242	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	141378	46.787	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	485154	47.337	ug/L	99
19) 1,1-Dichloroethane	3.191	63	271141	47.525	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	163461	46.746	ug/L	99
22) 2-Butanone	3.957	43	261700	103.140	ug/L	100
23) Bromochloromethane	4.249	128	86362	46.678	ug/L	98
25) Chloroform	4.378	83	276926	46.958	ug/L	98

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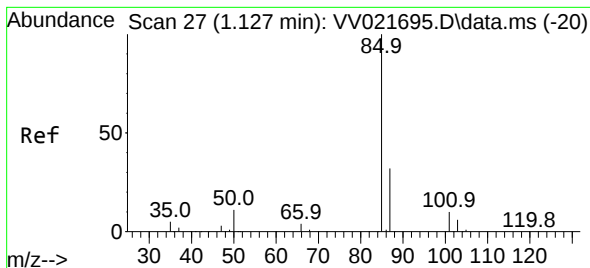
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	203058	47.973	ug/L	100
29) Cyclohexane	4.680	56	223678	44.414	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	242398	45.039	ug/L	100
31) Carbon tetrachloride	4.831	117	206759	44.607	ug/L	99
33) Benzene	5.101	78	596355	46.082	ug/L	100
34) Trichloroethene	5.915	95	159545	45.649	ug/L	96
35) Methylcyclohexane	6.133	83	236999	45.271	ug/L	98
37) 1,2-Dichloropropane	6.175	63	154711	45.614	ug/L	100
38) Bromodichloromethane	6.513	83	207365	45.392	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	255036	46.952	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	464587	93.662	ug/L	99
42) Toluene	7.391	91	644763	46.271	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	241038	46.835	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	158636	46.765	ug/L	98
46) Tetrachloroethene	7.976	164	123894	45.405	ug/L	99
48) 2-Hexanone	8.140	43	355710	93.117	ug/L	99
49) Dibromochloromethane	8.249	129	177880	46.404	ug/L	99
50) 1,2-Dibromoethane	8.352	107	169206	46.655	ug/L	99
51) Chlorobenzene	8.883	112	419977	45.949	ug/L	100
52) Ethylbenzene	9.014	91	701418	46.984	ug/L	100
53) m,p-Xylene	9.140	106	269300	46.426	ug/L	98
54) o-Xylene	9.545	106	271892	46.811	ug/L	100
55) Styrene	9.561	104	467013	47.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	247429	47.386	ug/L	99
59) Bromoform	9.731	173	129533	43.599	ug/L	99
60) Isopropylbenzene	9.934	105	710973	45.467	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	204874	45.841	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	605475	45.924	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	617027	46.328	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	342516	46.345	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	345548	46.709	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	350961	46.783	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	55448	44.851	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	252951	46.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	221188	45.742	ug/L	99
71) Naphthalene	13.503	128	662952	44.365	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	219072	44.437	ug/L	100

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

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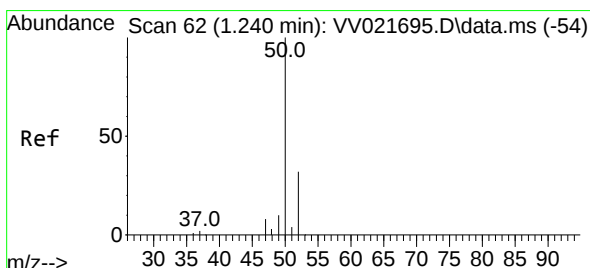
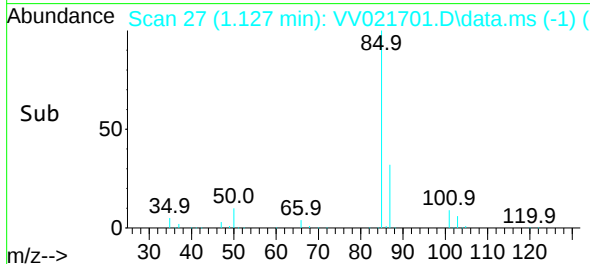
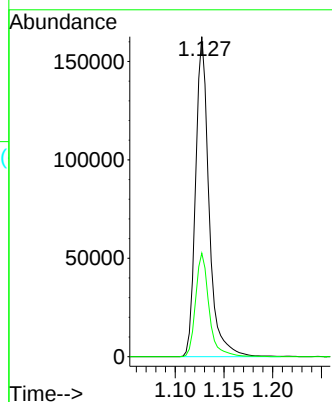
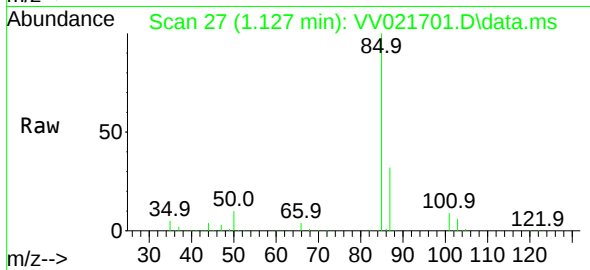




#2
Dichlorodifluoromethane
Concen: 44.929 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

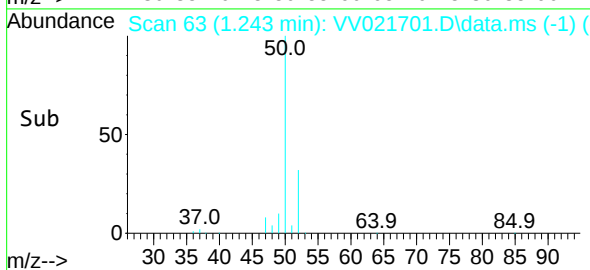
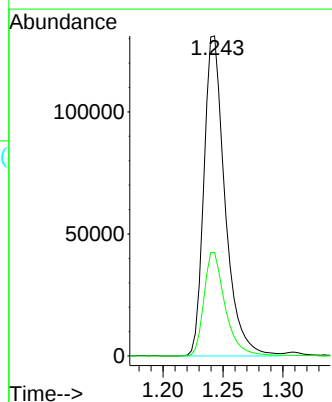
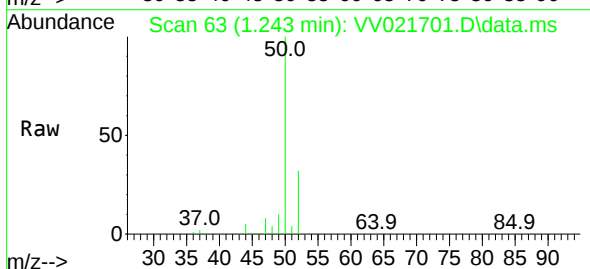
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MSVOA_V
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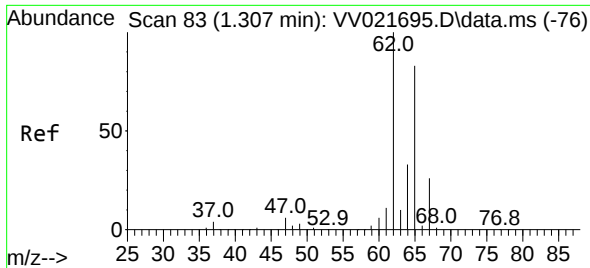
Tgt Ion: 85 Resp: 156115
Ion Ratio Lower Upper
85 100
87 32.3 26.0 39.0



#3
Chloromethane
Concen: 49.032 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 50 Resp: 160823
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2

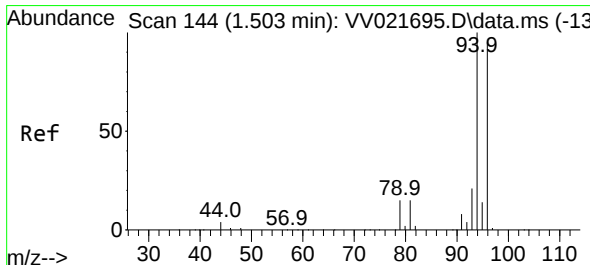
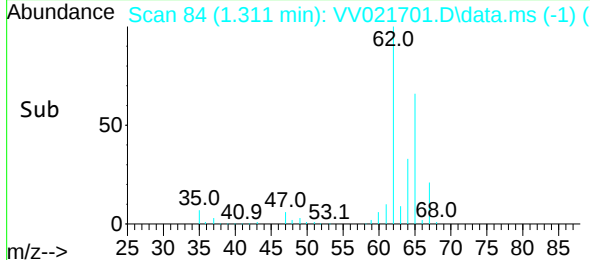
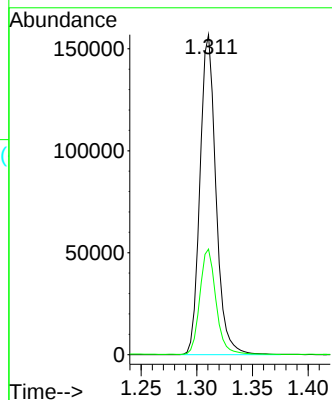
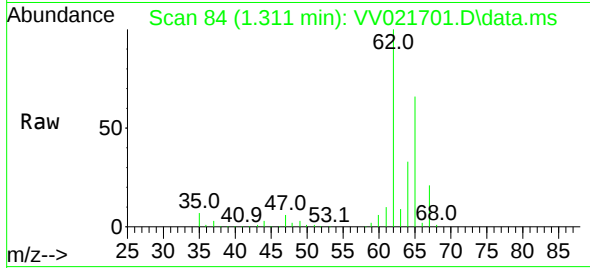




#5
 Vinyl chloride
 Concen: 45.730 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021701.D
 Acq: 22 Jul 2021 16:34

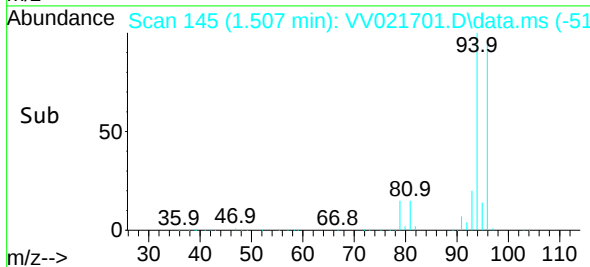
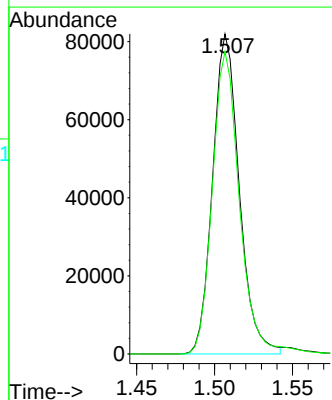
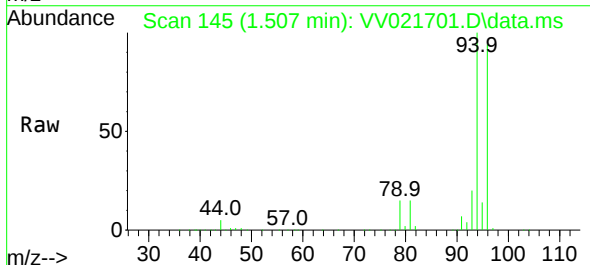
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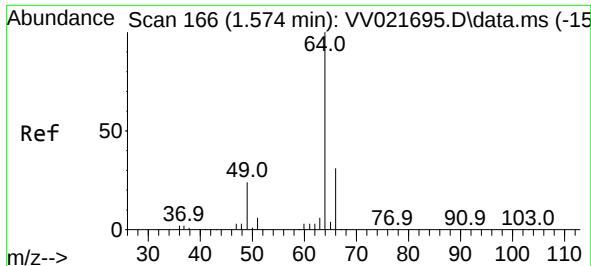
Tgt Ion: 62 Resp: 156262
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 59.752 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.003 min
 Lab File: VV021701.D
 Acq: 22 Jul 2021 16:34

Tgt Ion: 94 Resp: 97345
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.0 122.6

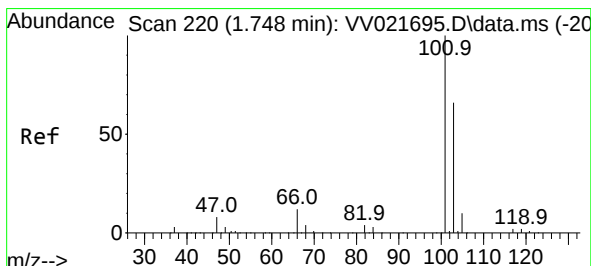
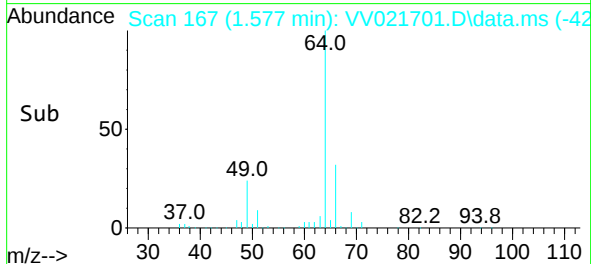
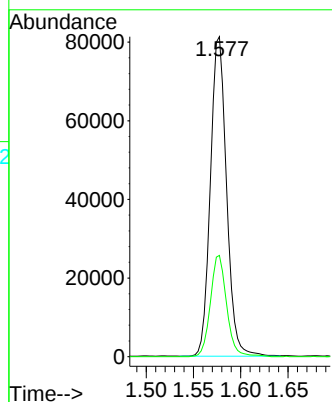
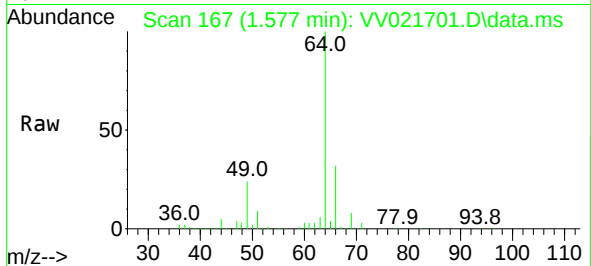




#8
Chloroethane
Concen: 49.908 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

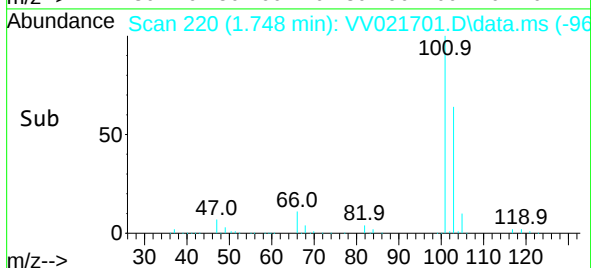
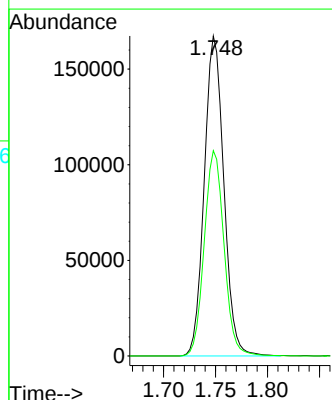
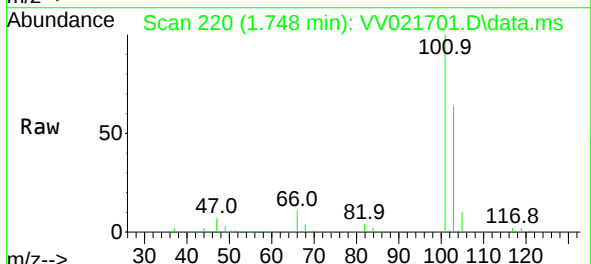
Instrument :
MSVOA_V
ClientSampled :

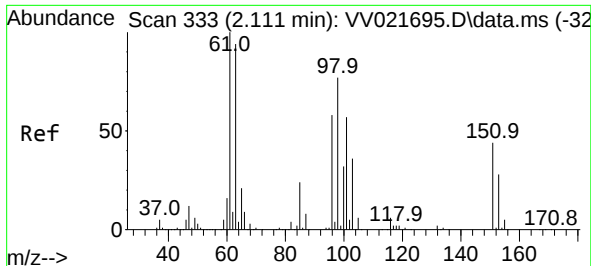
Tgt Ion: 64 Resp: 96725
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 45.589 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 101 Resp: 219129
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

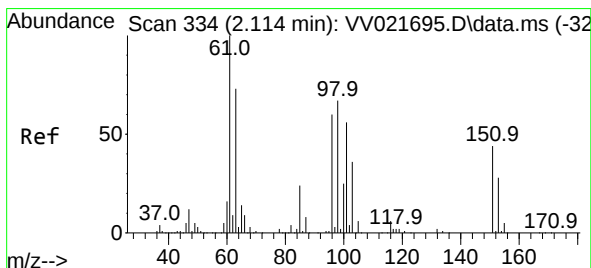
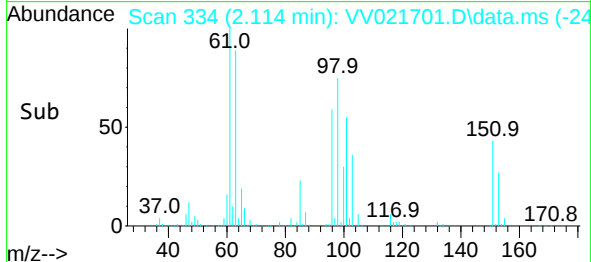
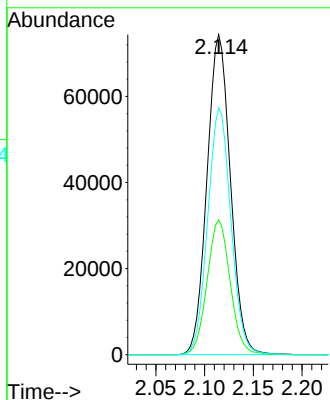
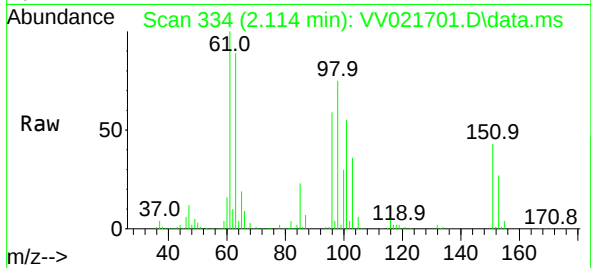




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.932 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV021701.D
 Acq: 22 Jul 2021 16:34

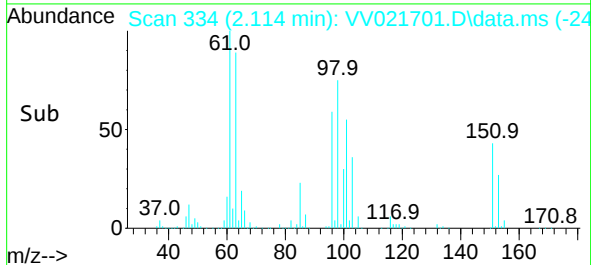
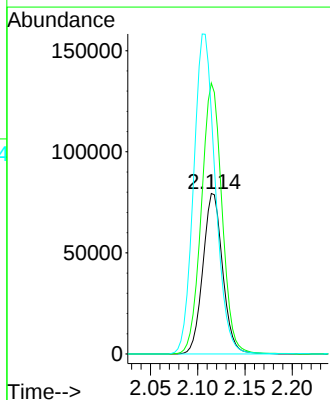
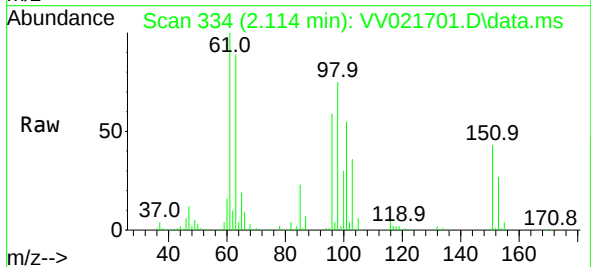
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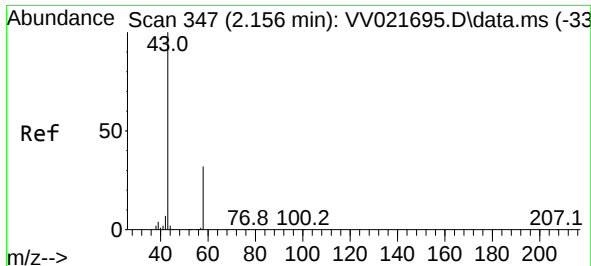
Tgt Ion:101 Resp: 124680
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.6 50.4
 151 76.5 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 45.553 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021701.D
 Acq: 22 Jul 2021 16:34

Tgt Ion: 96 Resp: 115388
 Ion Ratio Lower Upper
 96 100
 61 168.9 117.5 218.1
 63 150.5 110.1 204.5

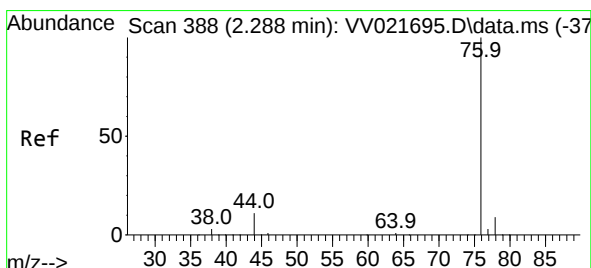
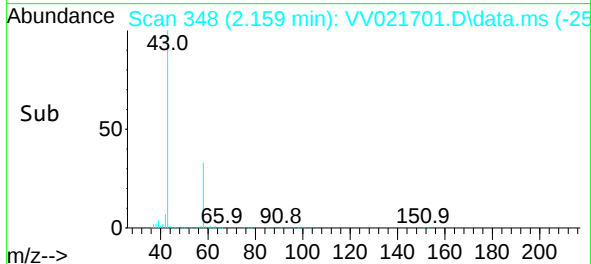
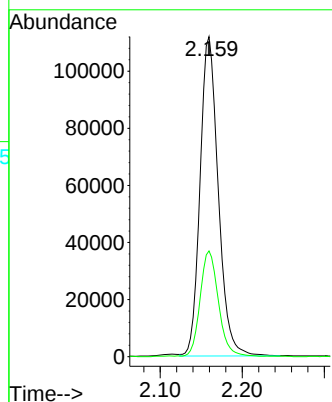
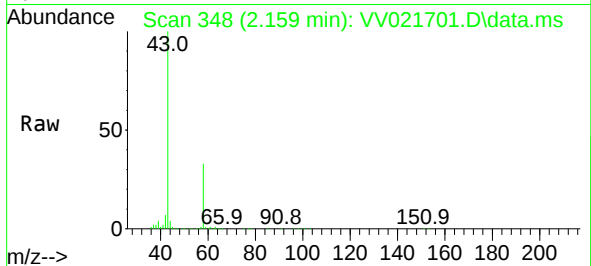




#13
Acetone
Concen: 103.538 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

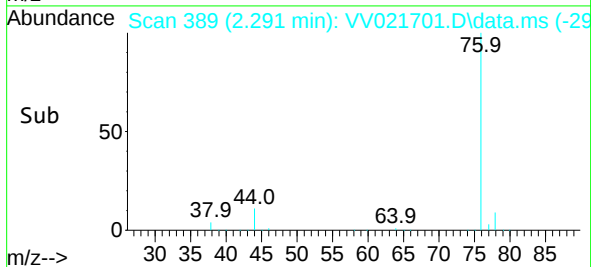
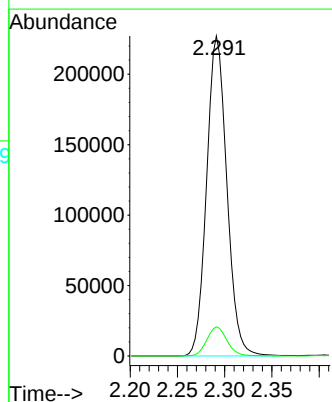
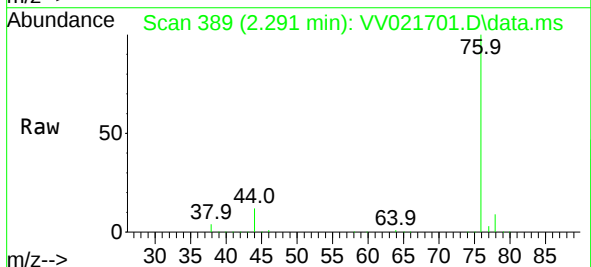
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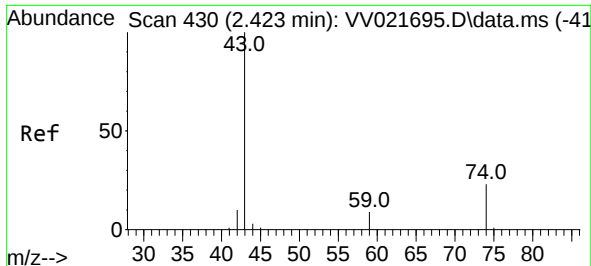
Tgt Ion: 43 Resp: 172172
Ion Ratio Lower Upper
43 100
58 33.4 0.0 64.6



#14
Carbon disulfide
Concen: 44.218 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 76 Resp: 338197
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

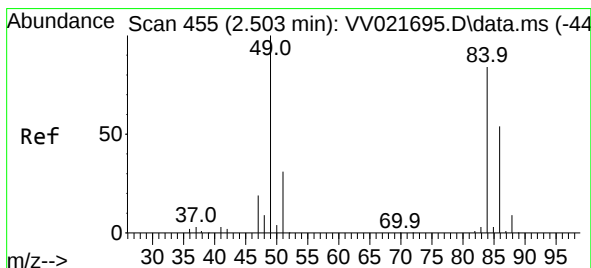
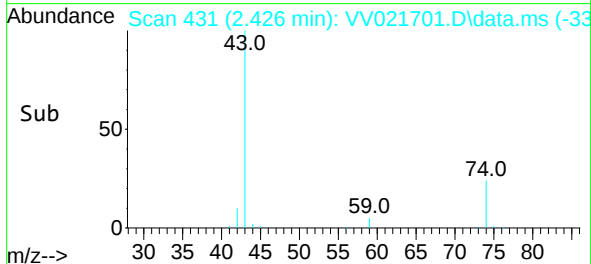
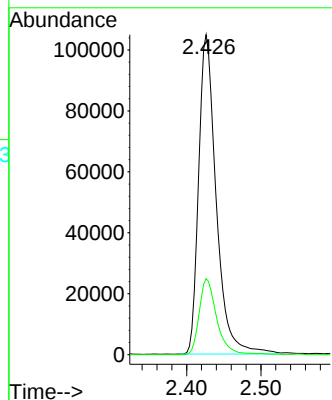
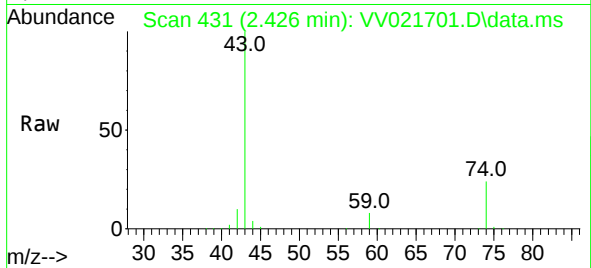




#15
Methyl Acetate
Concen: 47.426 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

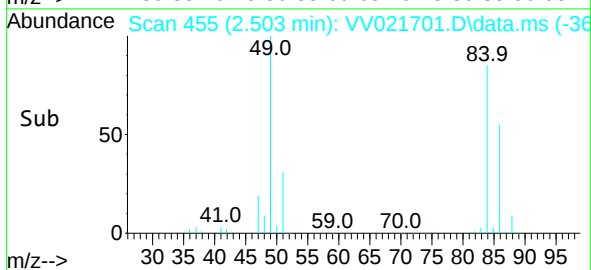
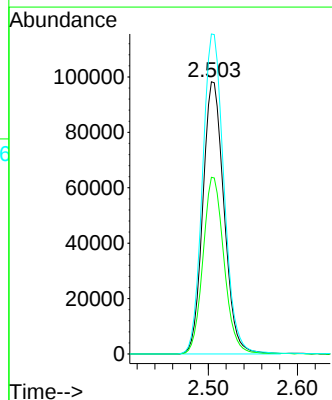
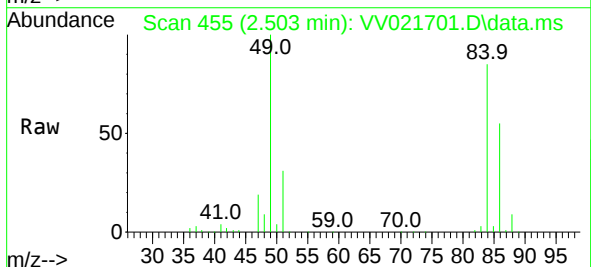
Instrument :
MSVOA_V
ClientSampled :

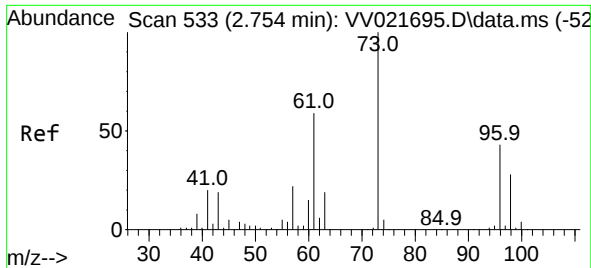
Tgt Ion: 43 Resp: 172949
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9



#16
Methylene chloride
Concen: 44.242 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 84 Resp: 161981
Ion Ratio Lower Upper
84 100
86 64.9 45.1 83.9
49 117.6 81.1 150.7

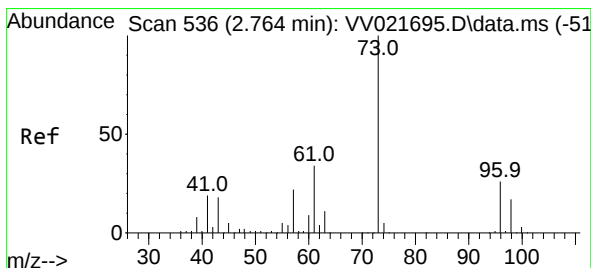
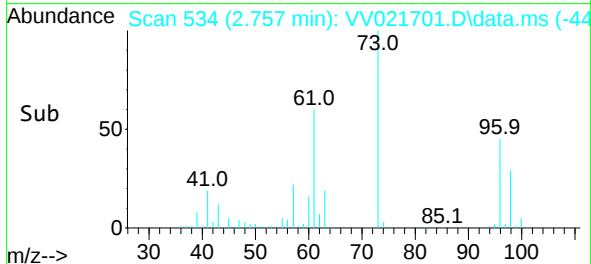
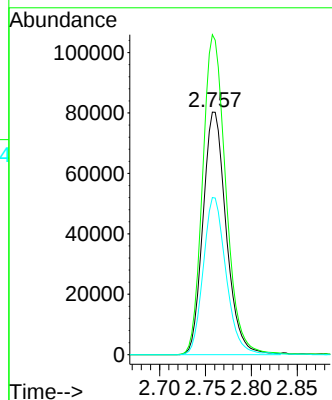
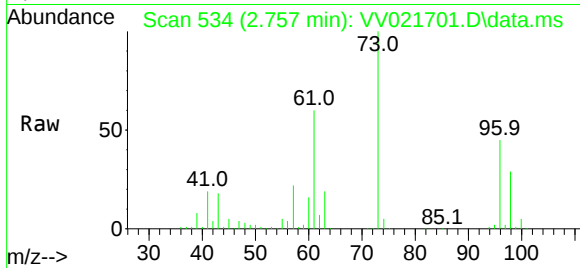




#17
trans-1,2-Dichloroethene
Concen: 46.787 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

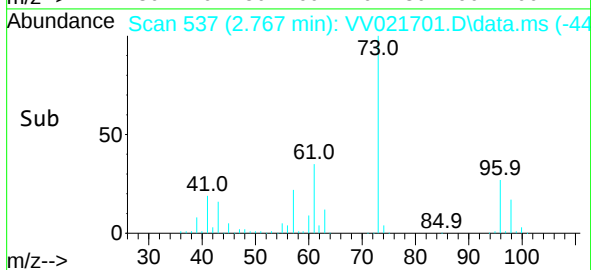
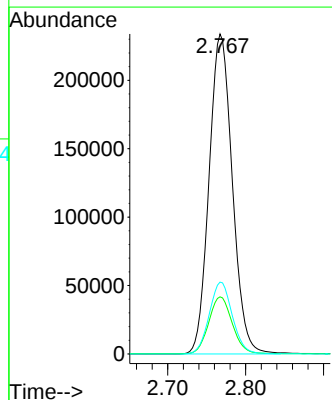
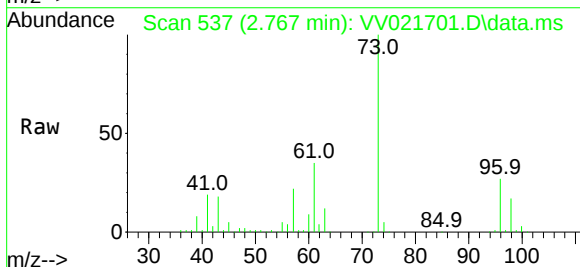
Instrument :
MSVOA_V
ClientSampled :

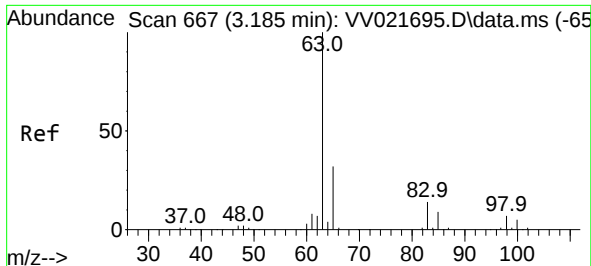
Tgt Ion: 96 Resp: 141378
Ion Ratio Lower Upper
96 100
61 132.0 93.7 174.1
98 64.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 47.337 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 73 Resp: 485154
Ion Ratio Lower Upper
73 100
43 17.8 14.3 21.5
57 22.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 47.525 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.007 min

Lab File: VV021701.D

Acq: 22 Jul 2021 16:34

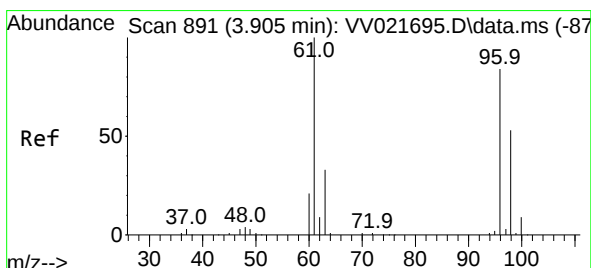
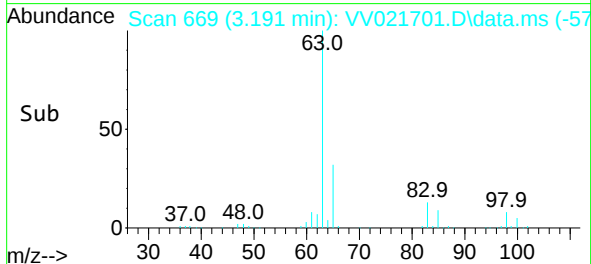
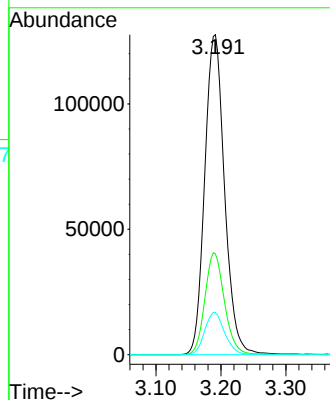
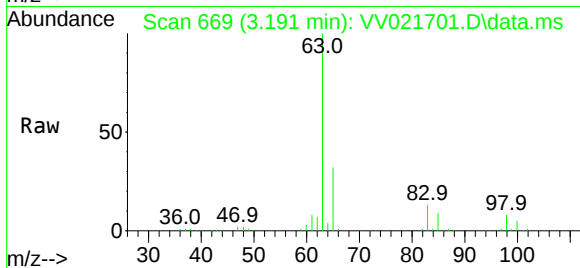
Tgt Ion: 63 Resp: 271141

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 13.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 46.746 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV021701.D

Acq: 22 Jul 2021 16:34

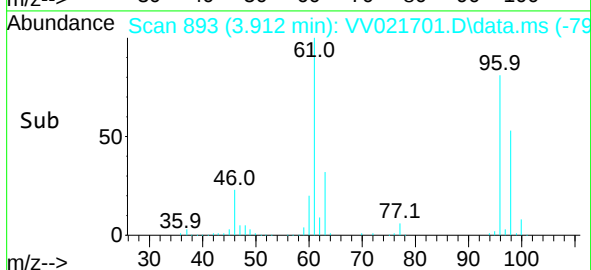
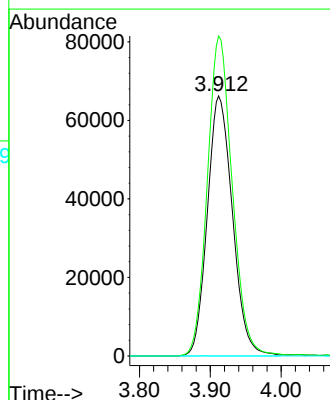
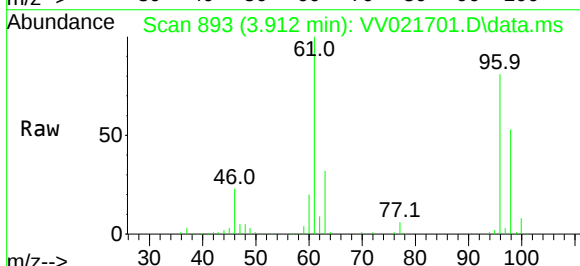
Tgt Ion: 96 Resp: 163461

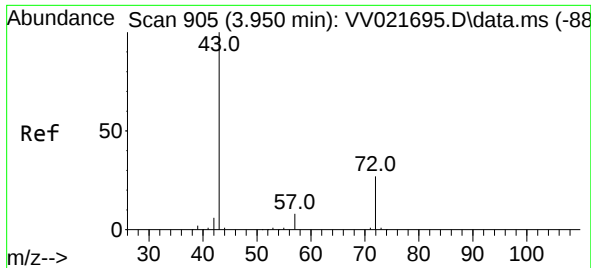
Ion Ratio Lower Upper

96 100

61 123.0 85.3 158.3

68 0.0 0.0 0.0

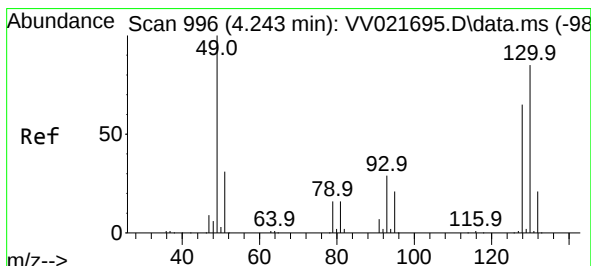
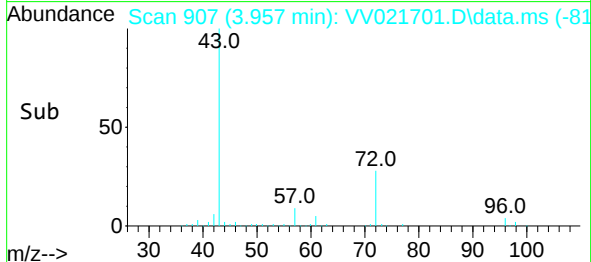
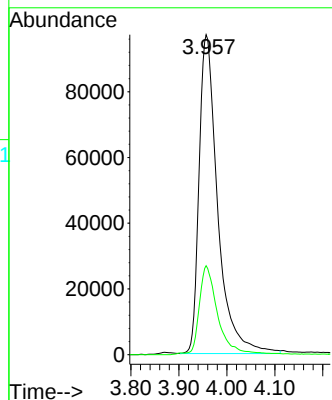
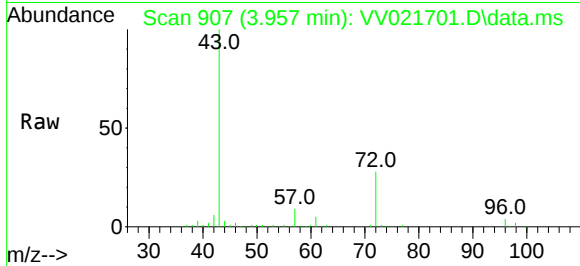




#22
2-Butanone
Concen: 103.140 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.007 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

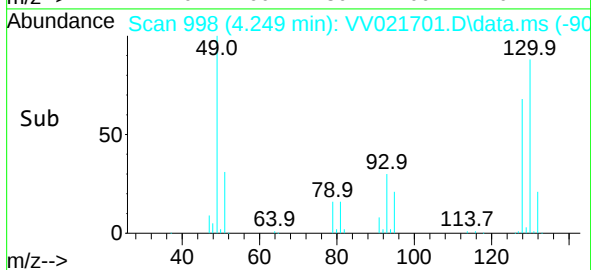
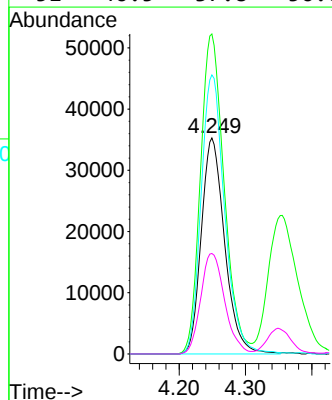
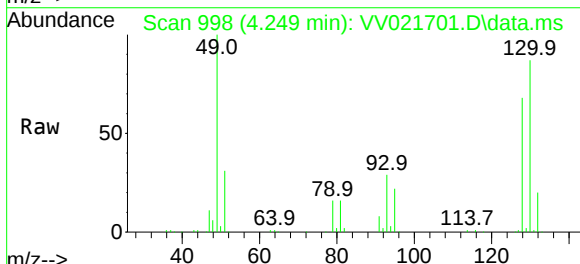
Instrument :
MSVOA_V
ClientSampled :

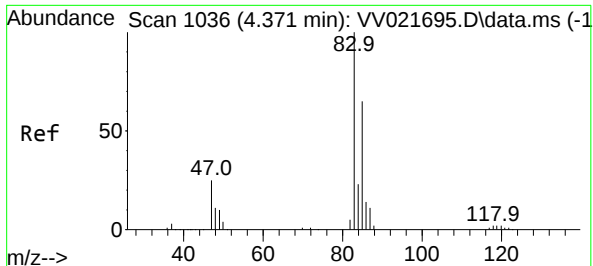
Tgt Ion: 43 Resp: 261700
Ion Ratio Lower Upper
43 100
72 26.5 13.2 39.5



#23
Bromochloromethane
Concen: 46.678 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 128 Resp: 86362
Ion Ratio Lower Upper
128 100
49 148.1 106.8 198.4
130 129.1 90.6 168.2
51 46.5 37.8 56.6





#25

Chloroform

Concen: 46.958 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VV021701.D

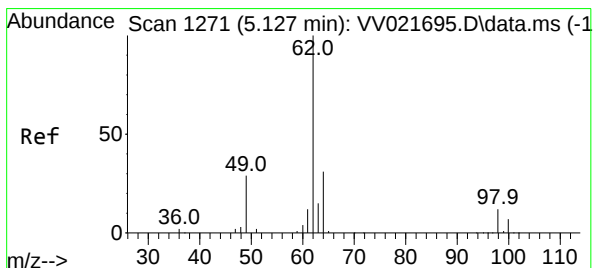
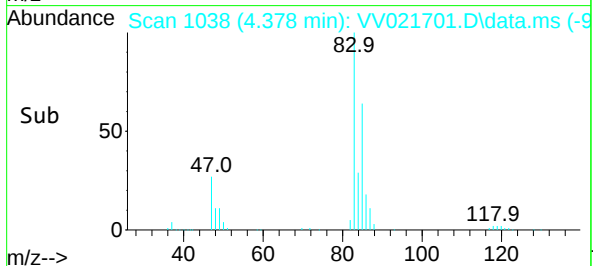
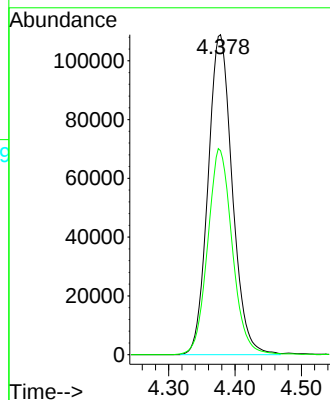
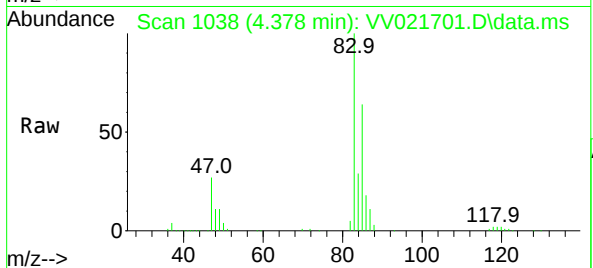
Acq: 22 Jul 2021 16:34

Tgt Ion: 83 Resp: 276926

Ion Ratio Lower Upper

83 100

85 63.8 43.8 81.4



#27

1,2-Dichloroethane

Concen: 47.973 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021701.D

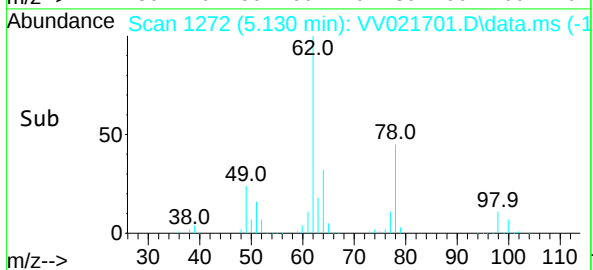
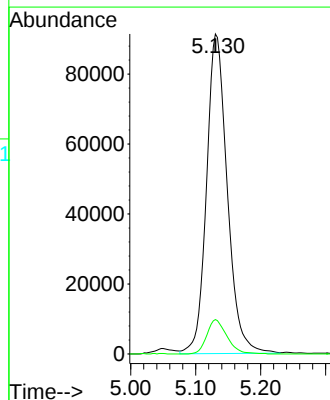
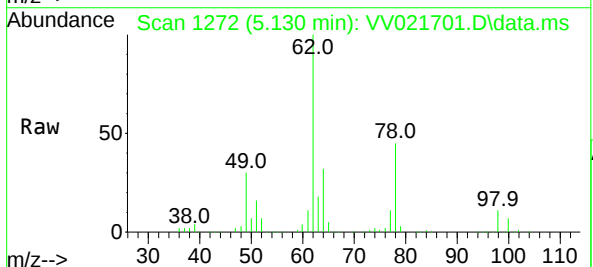
Acq: 22 Jul 2021 16:34

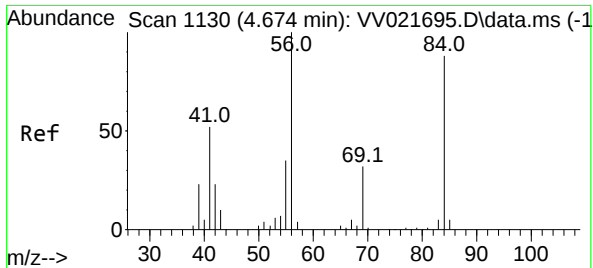
Tgt Ion: 62 Resp: 203058

Ion Ratio Lower Upper

62 100

98 10.7 8.7 13.1

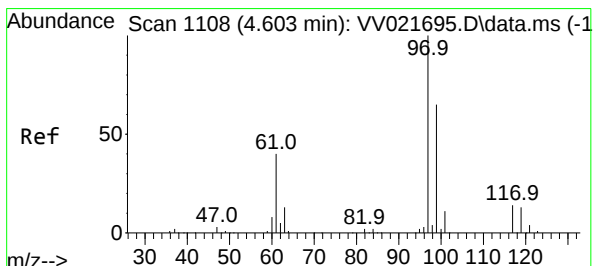
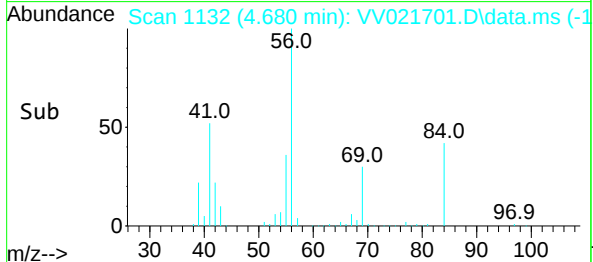
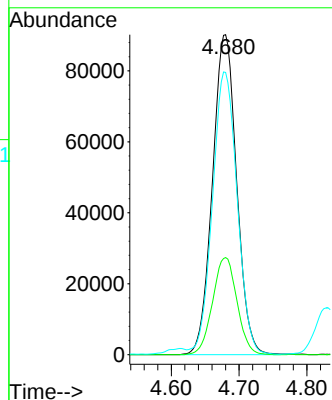
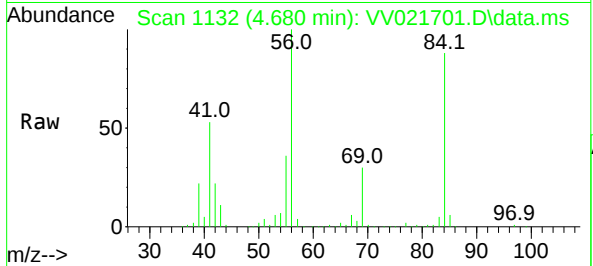




#29
Cyclohexane
Concen: 44.414 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

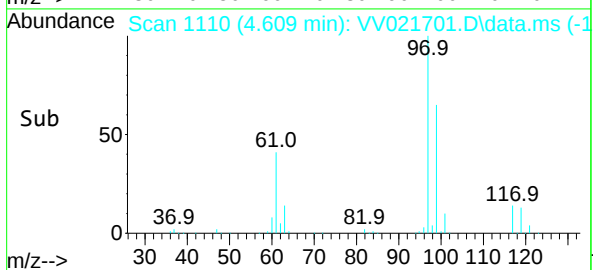
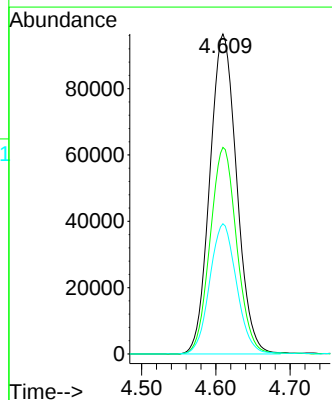
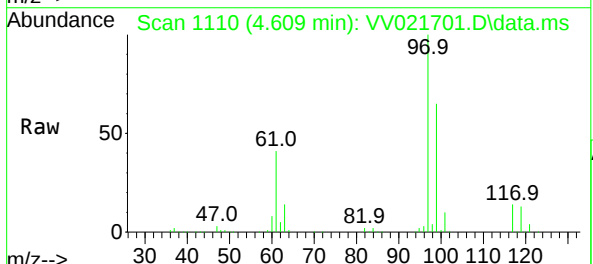
Instrument :
MSVOA_V
ClientSampleId :

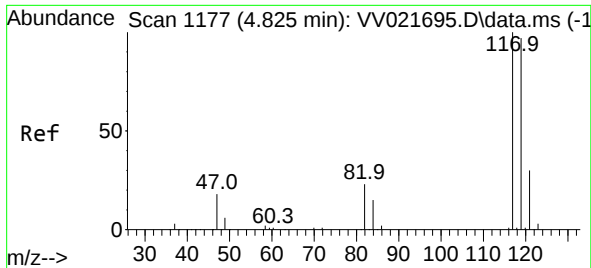
Tgt Ion: 56	Resp: 223678
Ion Ratio	Lower Upper
56	100
69	30.6 24.5 36.7
84	90.0 71.4 107.0



#30
1,1,1-Trichloroethane
Concen: 45.039 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.007 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 97	Resp: 242398
Ion Ratio	Lower Upper
97	100
99	64.0 51.6 77.4
61	40.8 32.6 49.0

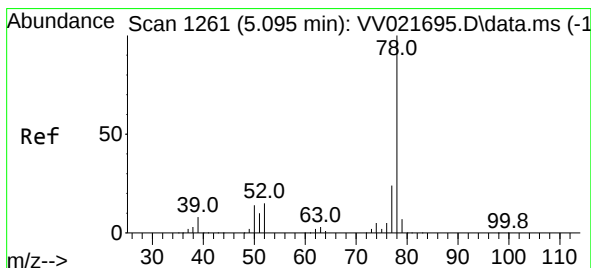
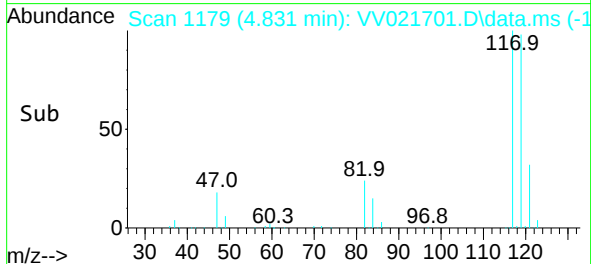
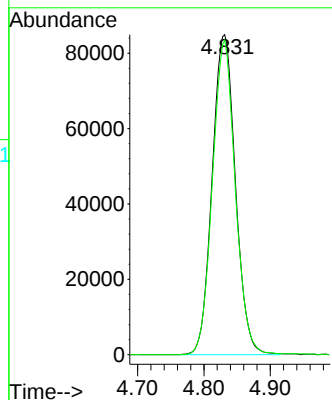
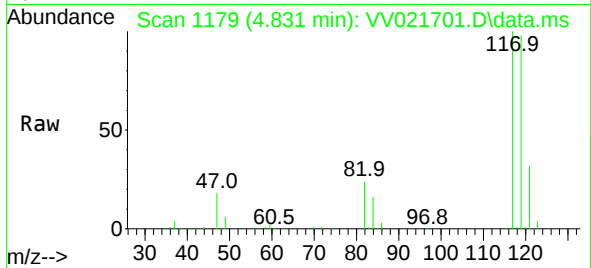




#31
Carbon tetrachloride
Concen: 44.607 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

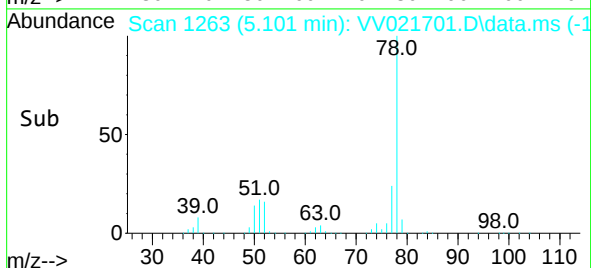
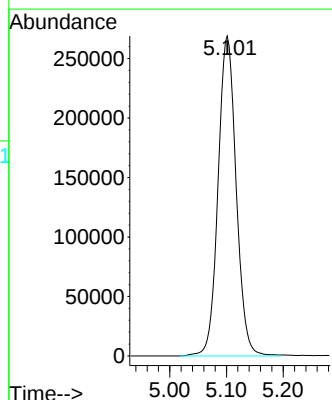
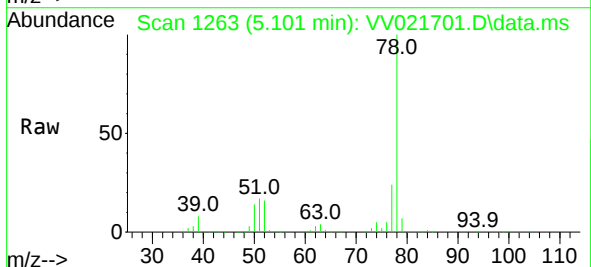
Instrument :
MSVOA_V
ClientSampled :

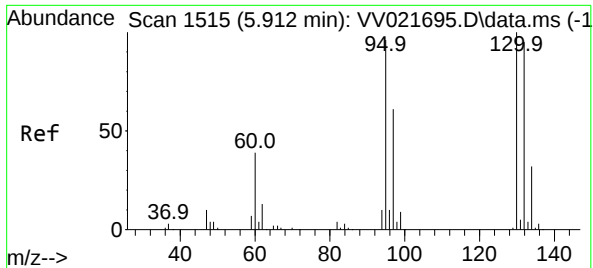
Tgt Ion:117 Resp: 206759
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 46.082 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 78 Resp: 596355

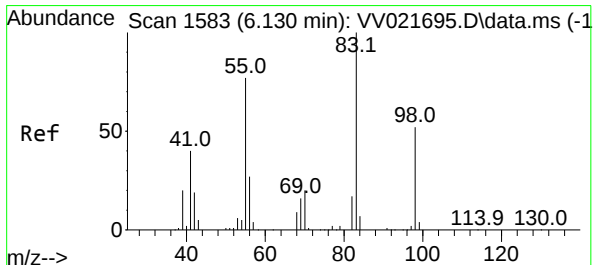
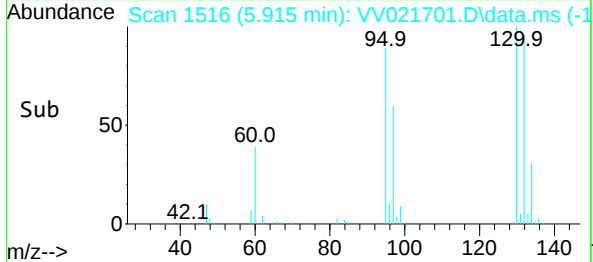
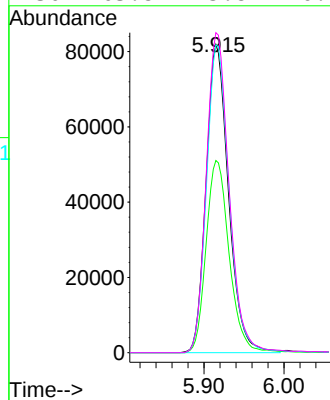
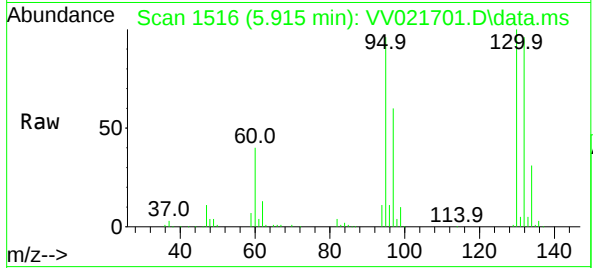




#34
Trichloroethene
Concen: 45.649 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

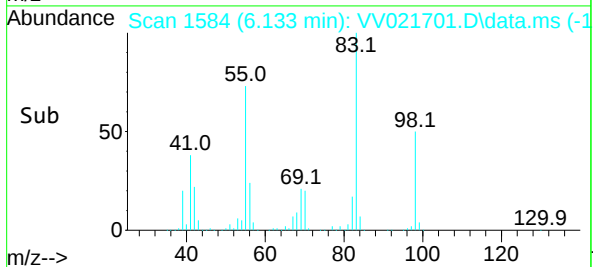
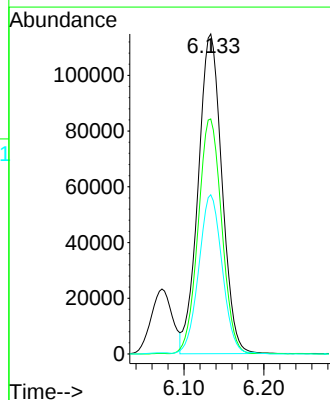
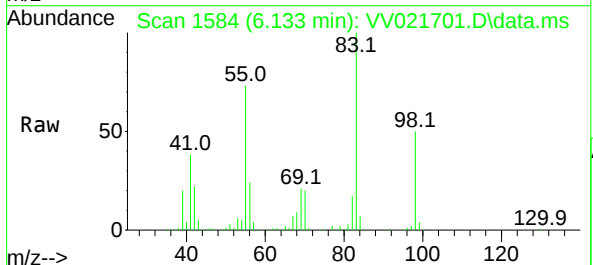
Instrument :
MSVOA_V
ClientSampled :

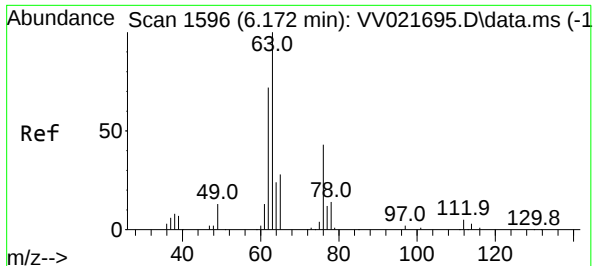
Tgt Ion: 95 Resp: 159545
Ion Ratio Lower Upper
95 100
97 62.3 45.6 84.6
132 99.8 72.4 134.5
130 103.8 75.8 140.8



#35
Methylcyclohexane
Concen: 45.271 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 83 Resp: 236999
Ion Ratio Lower Upper
83 100
55 72.8 59.3 88.9
98 48.8 40.2 60.4



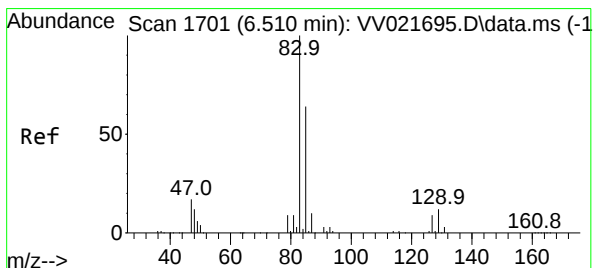
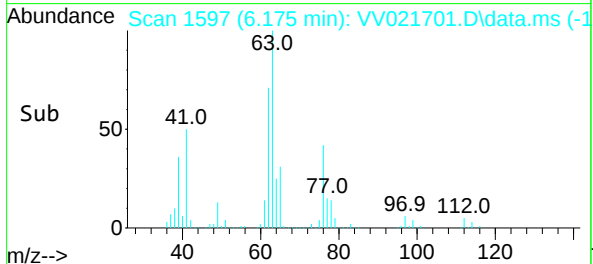
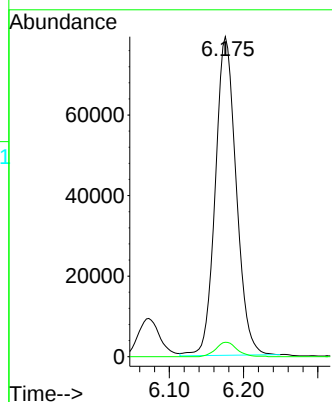
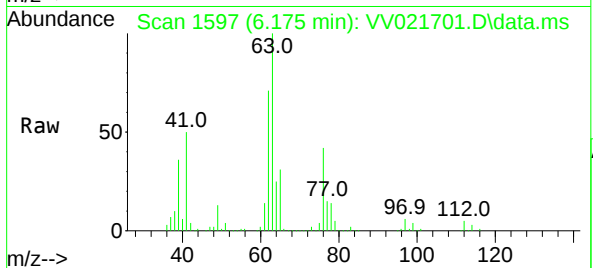


#37

1,2-Dichloropropane
Concen: 45.614 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Instrument :
MSVOA_V
ClientSampled :

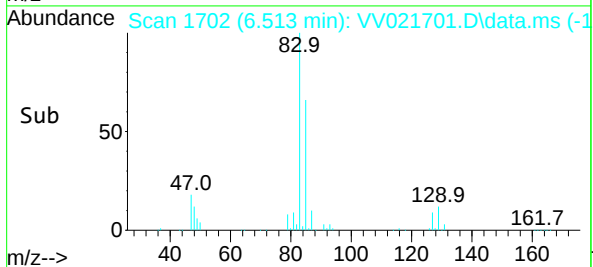
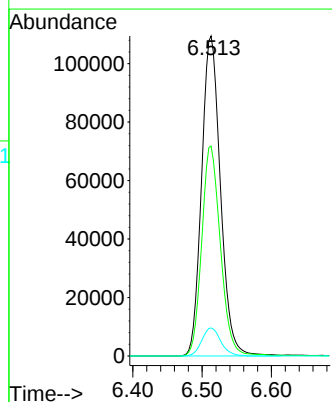
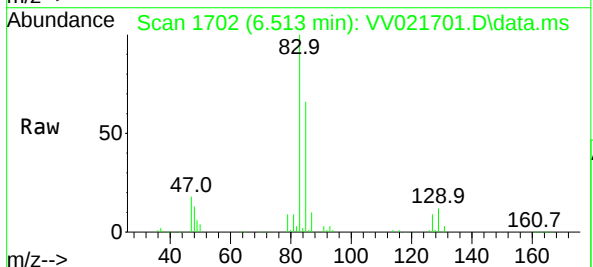
Tgt Ion: 63 Resp: 154711
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6

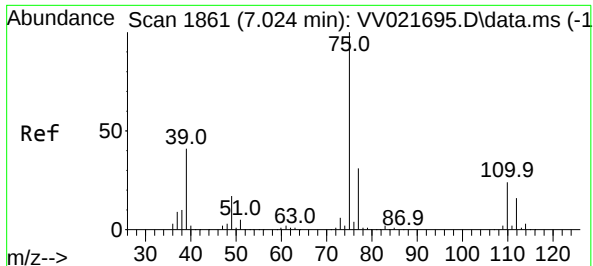


#38

Bromodichloromethane
Concen: 45.392 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 83 Resp: 207365
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.5
127 8.7 7.4 11.0

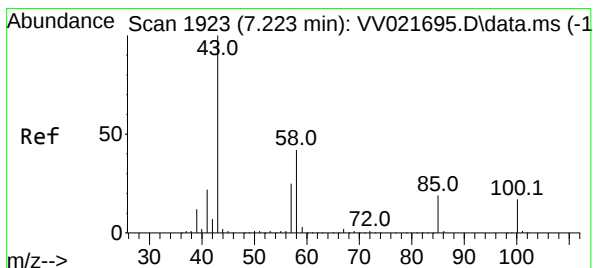
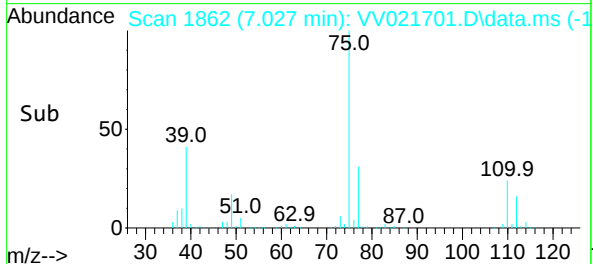
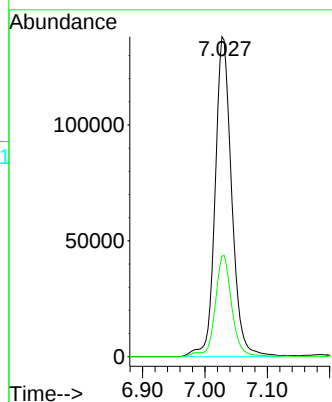
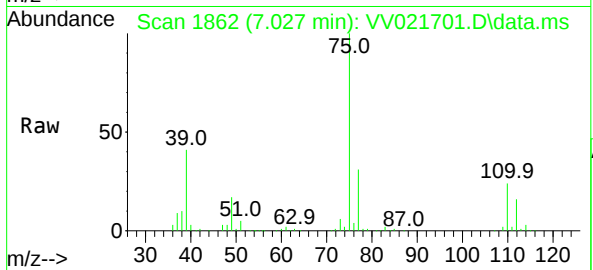




#39
 cis-1,3-Dichloropropene
 Concen: 46.952 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV021701.D
 Acq: 22 Jul 2021 16:34

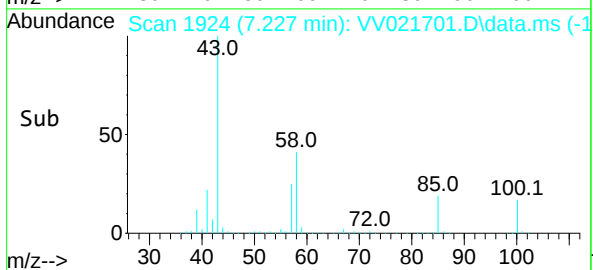
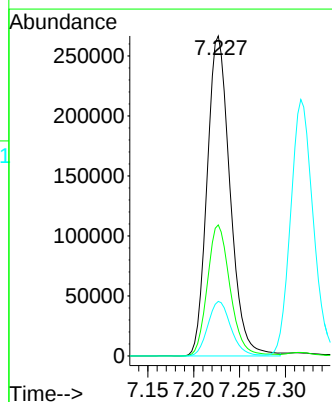
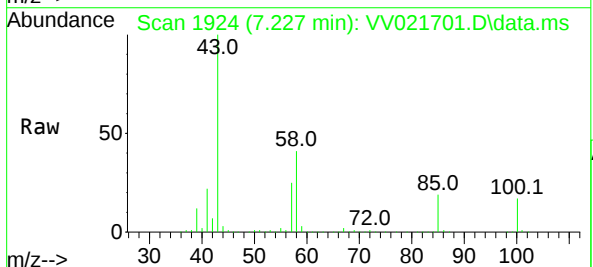
Instrument :
 MSVOA_V
 ClientSampled :

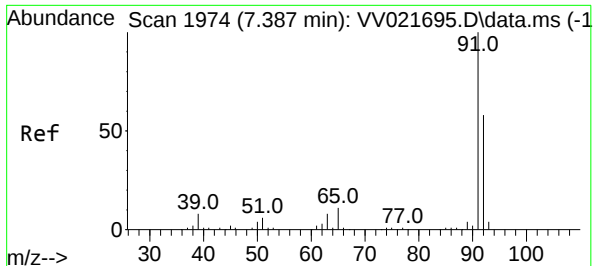
Tgt Ion: 75 Resp: 255036
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 93.662 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021701.D
 Acq: 22 Jul 2021 16:34

Tgt Ion: 43 Resp: 464587
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.1 49.7
 100 17.1 13.8 20.8

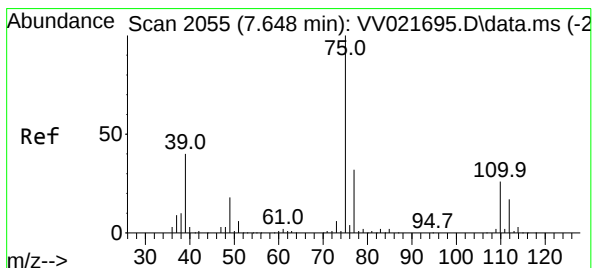
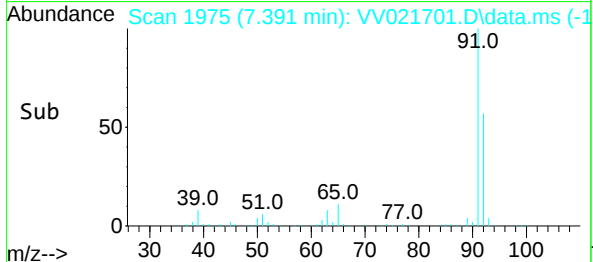
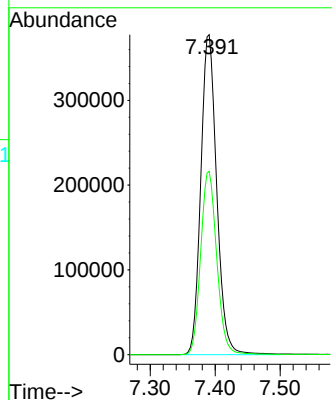
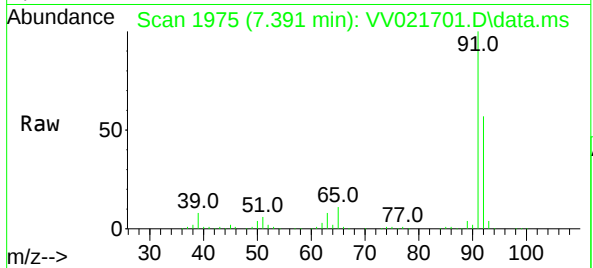




#42
Toluene
Concen: 46.271 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

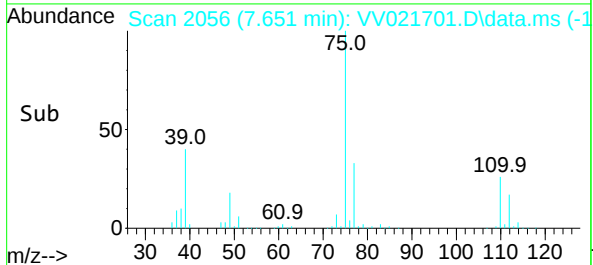
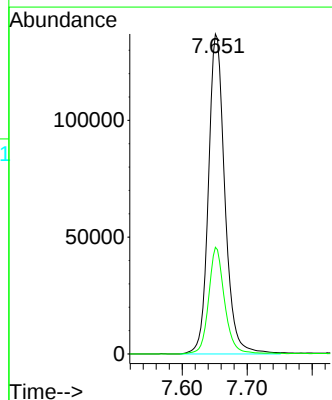
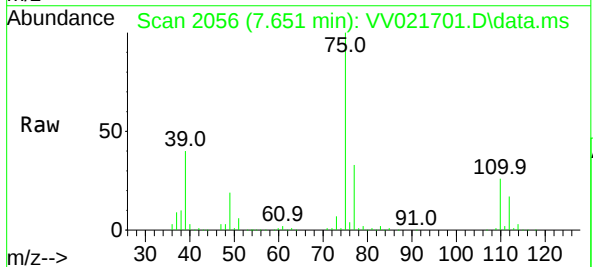
Instrument :
MSVOA_V
ClientSampled :

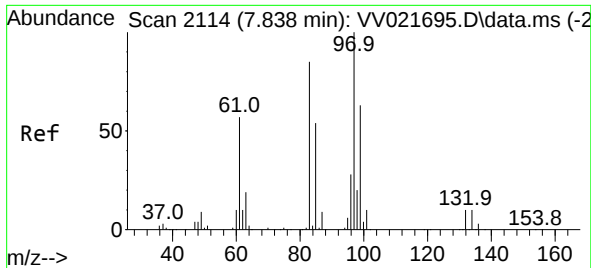
Tgt Ion: 91 Resp: 644763
Ion Ratio Lower Upper
91 100
92 57.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 46.835 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 75 Resp: 241038
Ion Ratio Lower Upper
75 100
77 33.3 21.8 40.4



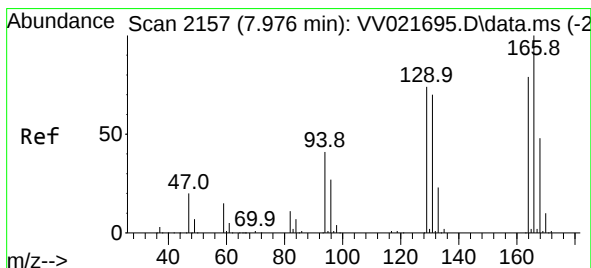
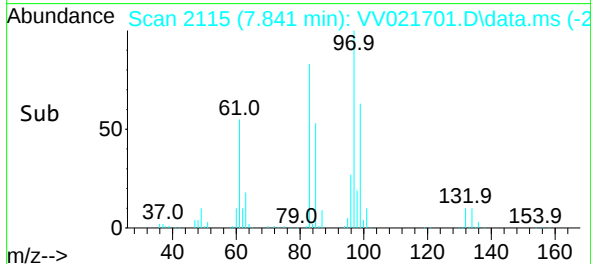
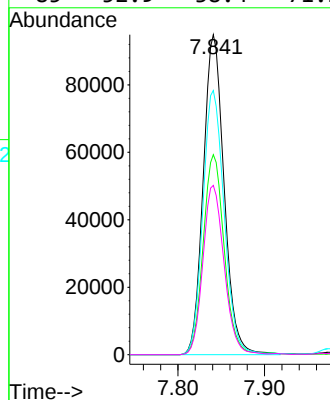
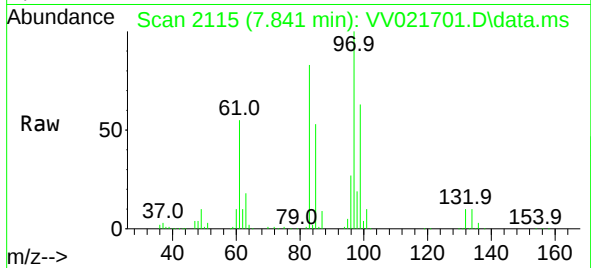


#45
1,1,2-Trichloroethane
Concen: 46.765 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 158636

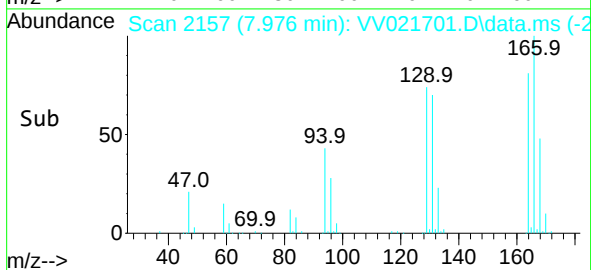
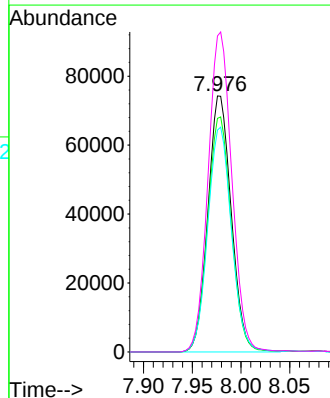
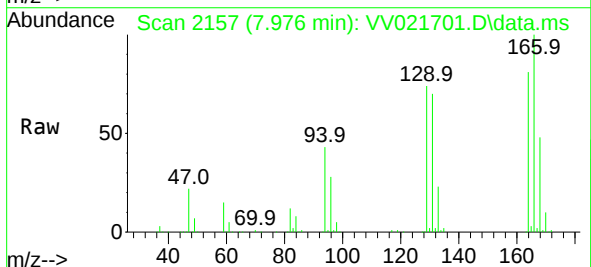
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.0	81.8
83	82.5	59.1	109.9
85	52.9	38.4	71.2

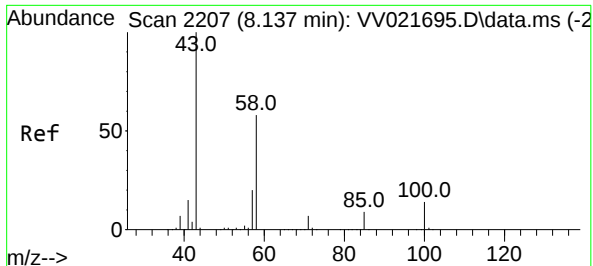


#46
Tetrachloroethene
Concen: 45.405 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 164 Resp: 123894

Ion	Ratio	Lower	Upper
164	100		
129	91.3	63.8	118.6
131	86.7	62.1	115.3
166	123.4	87.9	163.3

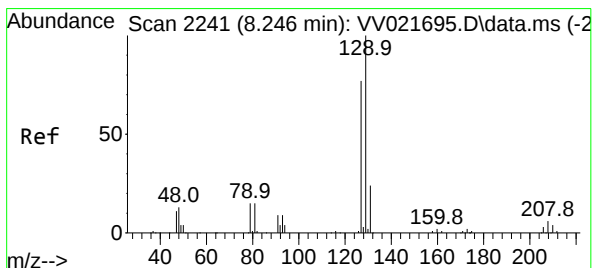
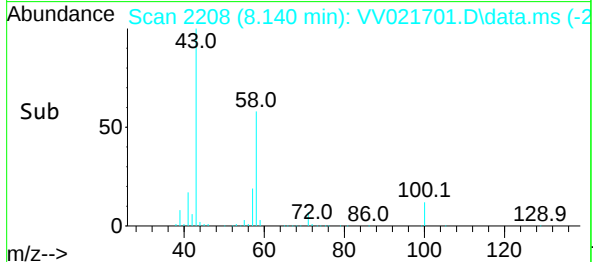
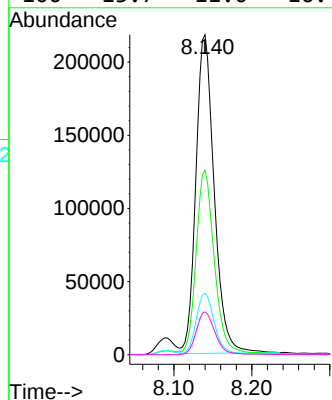
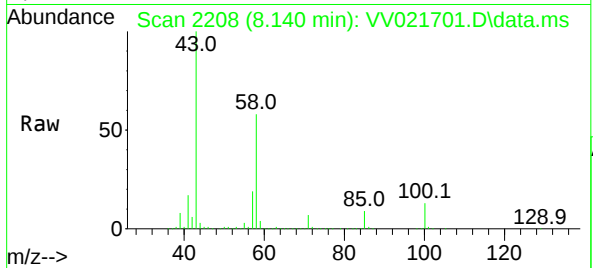




#48
2-Hexanone
Concen: 93.117 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

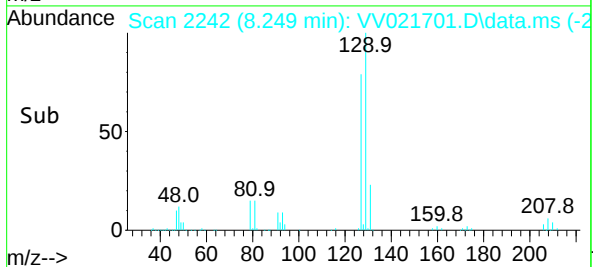
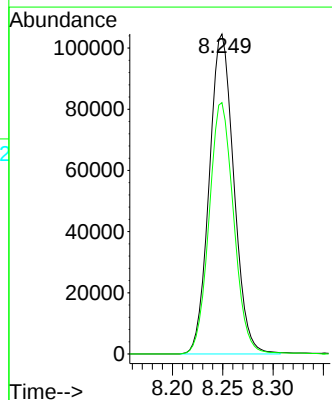
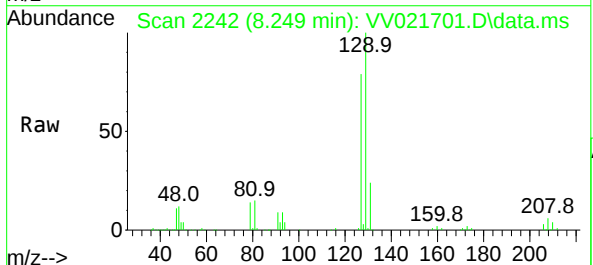
Instrument :
MSVOA_V
ClientSampleId :

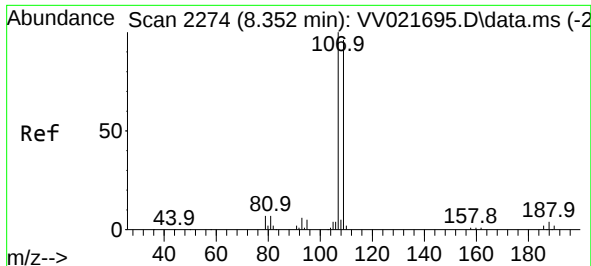
Tgt Ion:	43	Resp:	355710
Ion	Ratio	Lower	Upper
43	100		
58	56.3	46.0	69.0
57	19.0	15.6	23.4
100	13.7	11.0	16.4



#49
Dibromochloromethane
Concen: 46.404 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion:	129	Resp:	177880
Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.6	103.4





#50

1,2-Dibromoethane

Concen: 46.655 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV021701.D

Acq: 22 Jul 2021 16:34

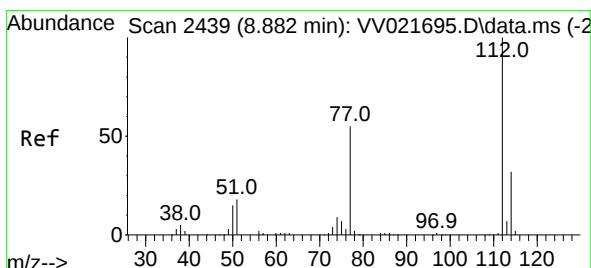
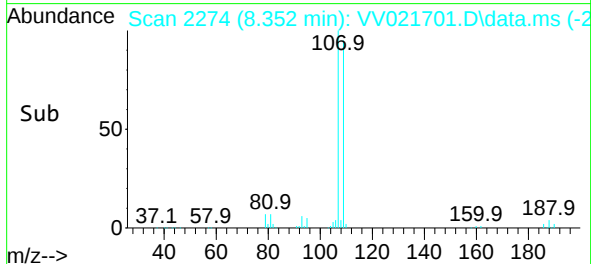
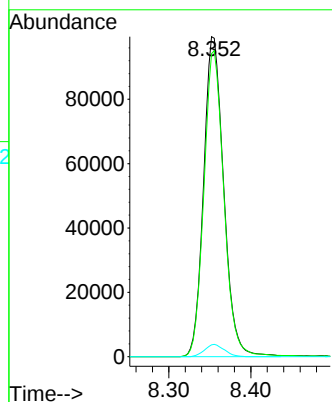
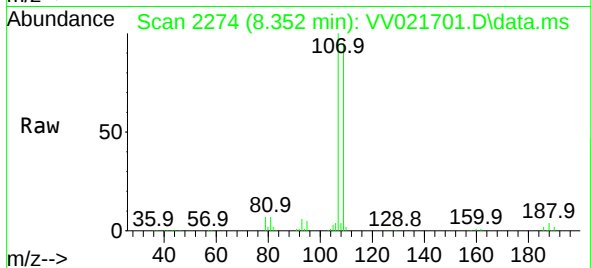
Tgt Ion:107 Resp: 169206

Ion Ratio Lower Upper

107 100

109 94.7 65.7 122.1

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 45.949 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV021701.D

Acq: 22 Jul 2021 16:34

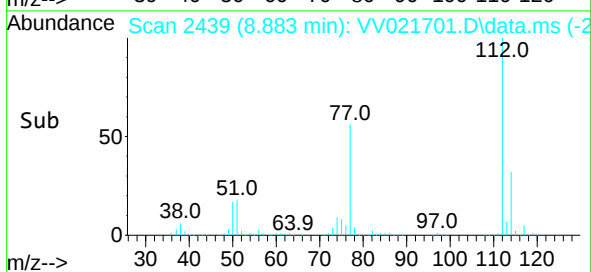
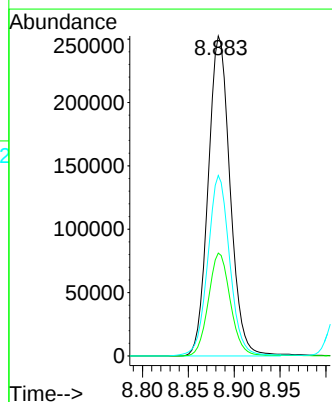
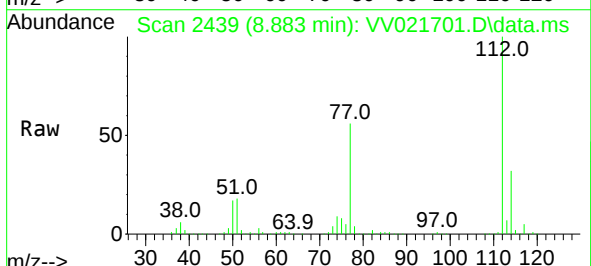
Tgt Ion:112 Resp: 419977

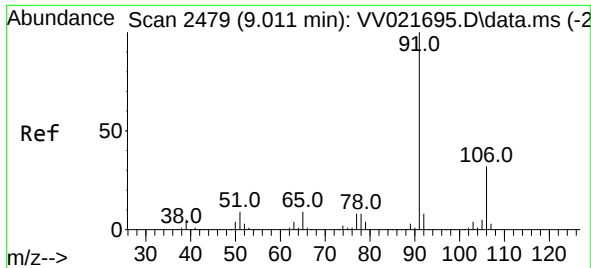
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.9

77 56.4 45.0 67.6

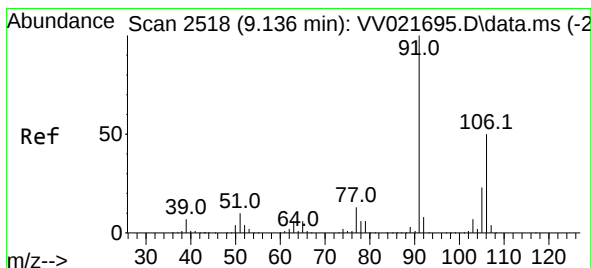
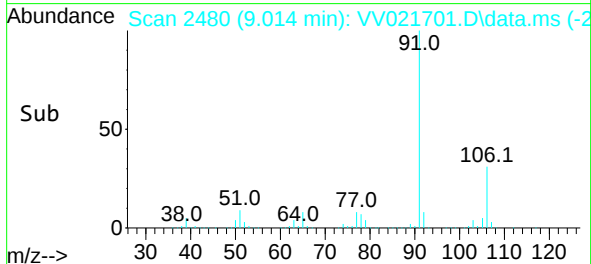
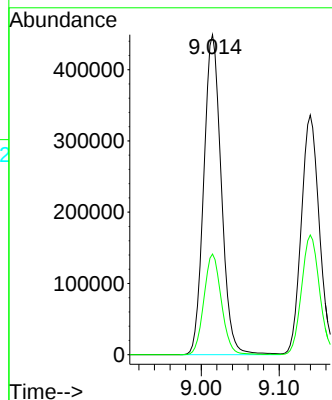
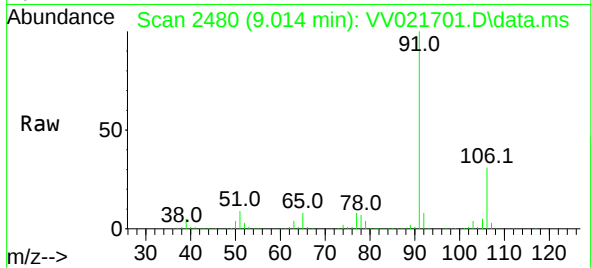




#52
Ethylbenzene
Concen: 46.984 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

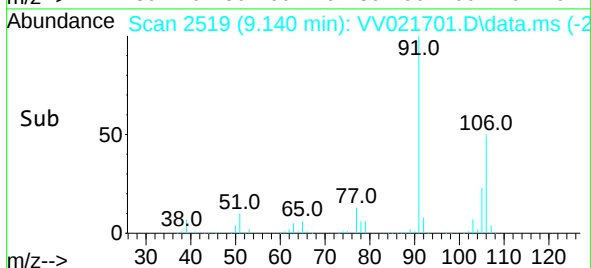
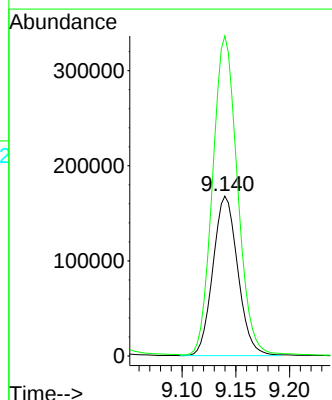
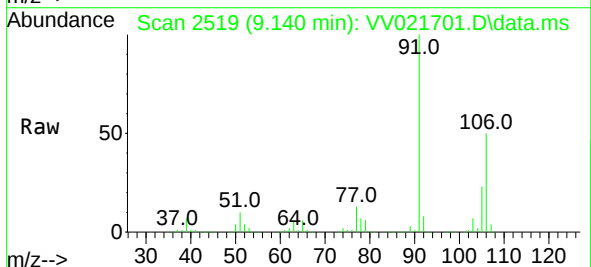
Instrument :
MSVOA_V
ClientSampled :

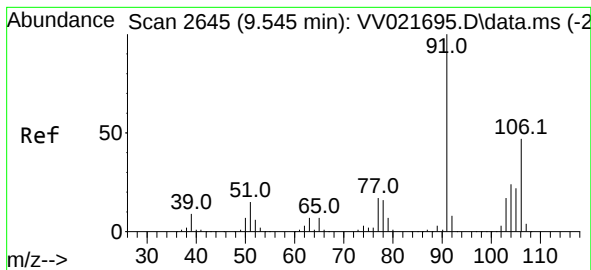
Tgt Ion: 91 Resp: 701418
Ion Ratio Lower Upper
91 100
106 31.5 22.1 41.1



#53
m,p-Xylene
Concen: 46.426 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 106 Resp: 269300
Ion Ratio Lower Upper
106 100
91 200.2 142.0 263.6





#54

o-Xylene

Concen: 46.811 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021701.D

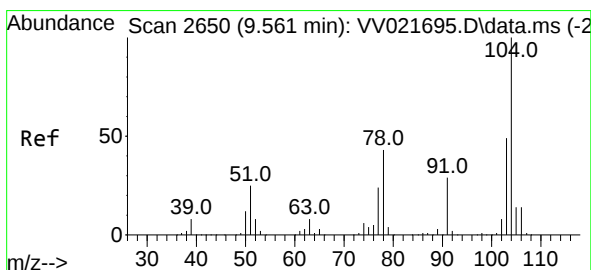
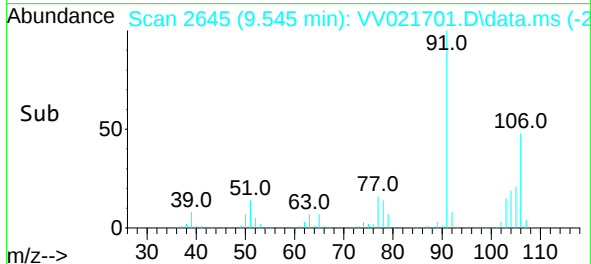
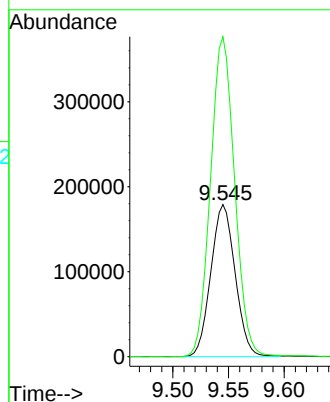
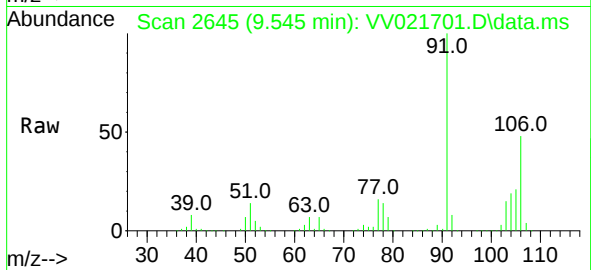
Acq: 22 Jul 2021 16:34

Tgt Ion:106 Resp: 271892

Ion Ratio Lower Upper

106 100

91 210.4 146.8 272.6



#55

Styrene

Concen: 47.709 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021701.D

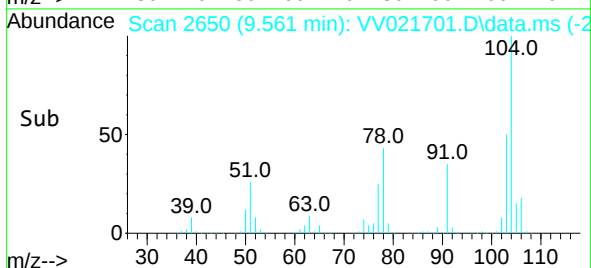
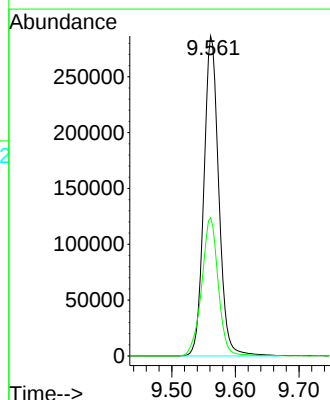
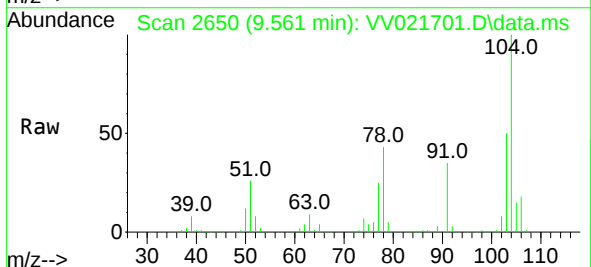
Acq: 22 Jul 2021 16:34

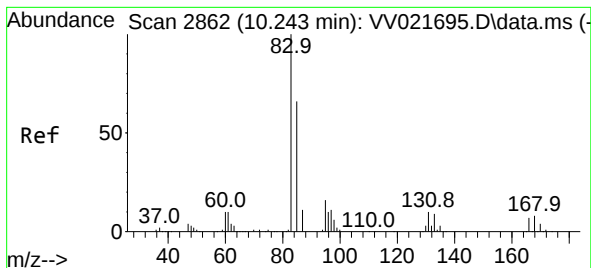
Tgt Ion:104 Resp: 467013

Ion Ratio Lower Upper

104 100

78 43.2 30.1 55.9

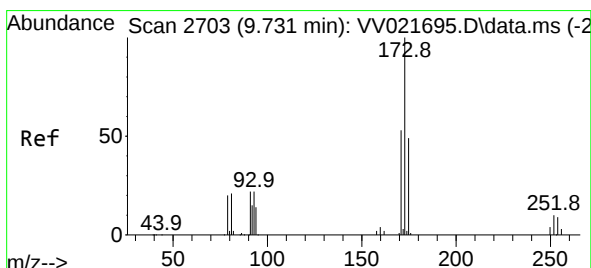
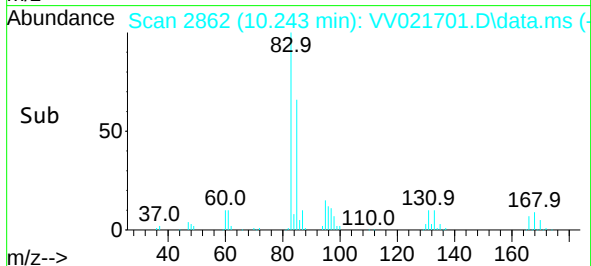
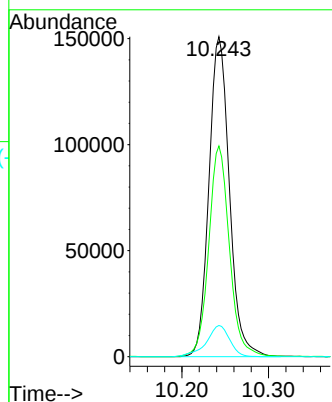
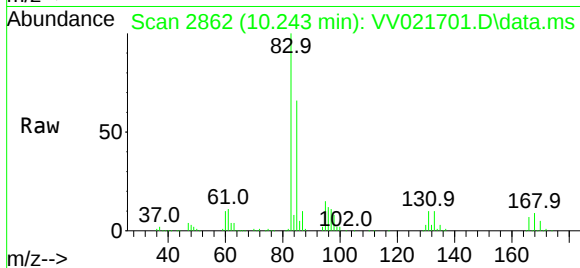




#57
1,1,2,2-Tetrachloroethane
Concen: 47.386 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

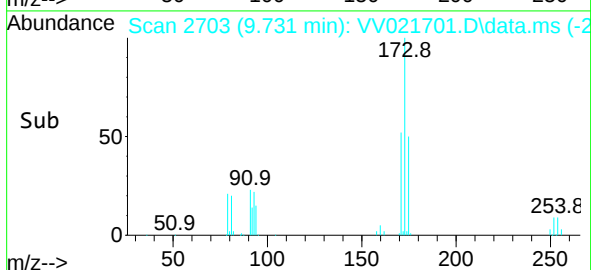
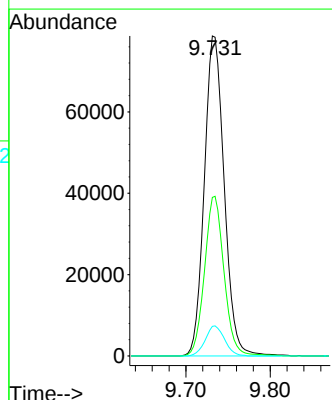
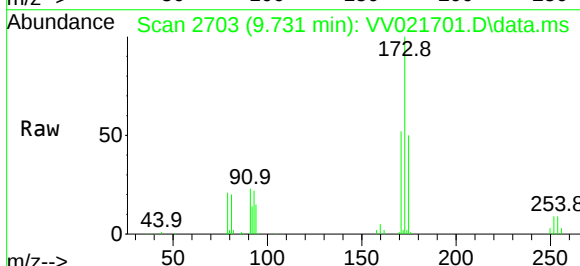
Instrument :
MSVOA_V
ClientSampled :

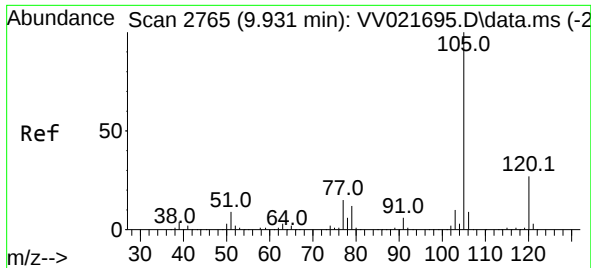
Tgt Ion: 83 Resp: 247429
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1
131 9.7 8.2 12.2



#59
Bromoform
Concen: 43.599 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 173 Resp: 129533
Ion Ratio Lower Upper
173 100
175 48.9 38.3 57.5
254 9.1 7.0 10.4

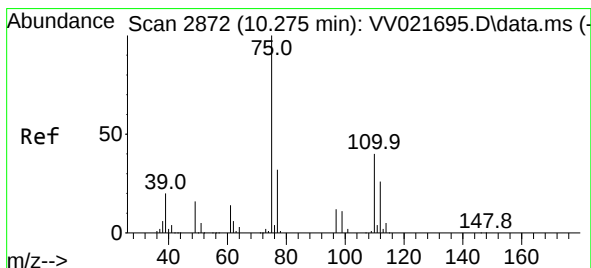
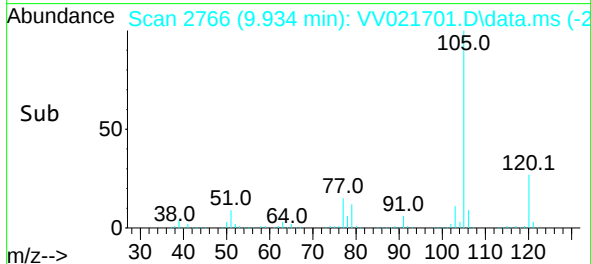
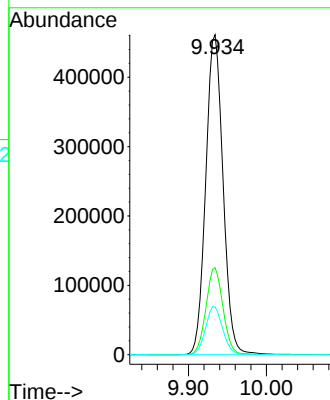
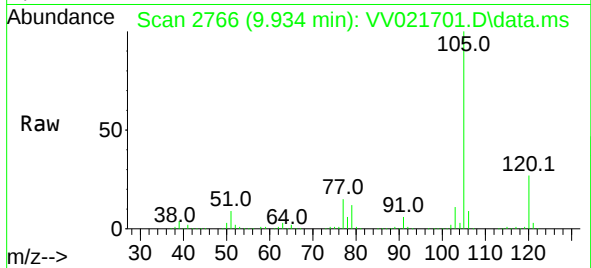




#60
Isopropylbenzene
Concen: 45.467 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

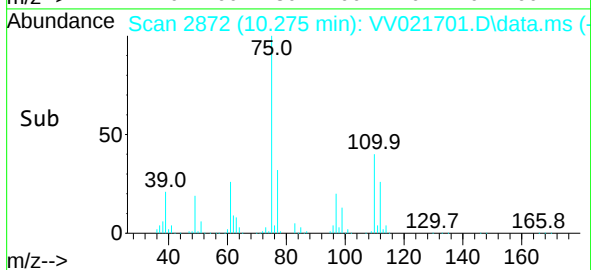
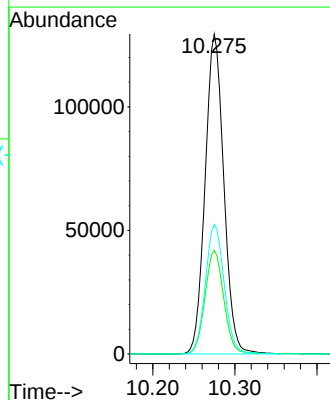
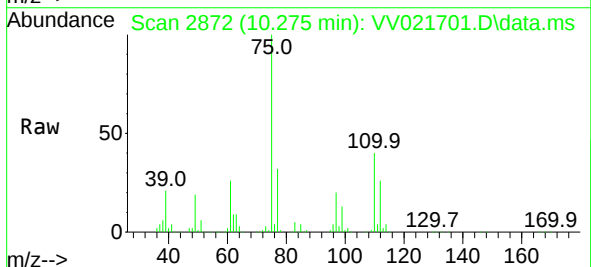
Instrument :
MSVOA_V
ClientSampleId :

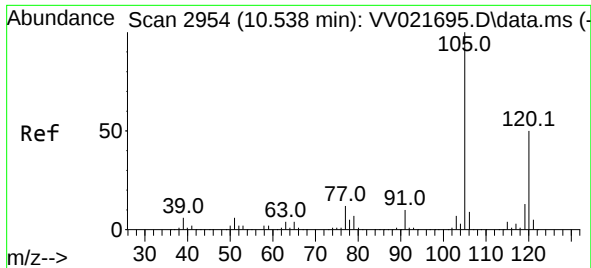
Tgt Ion:105 Resp: 710973
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 45.841 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 75 Resp: 204874
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 40.8 32.9 49.3

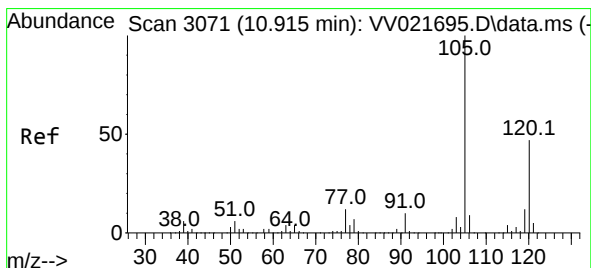
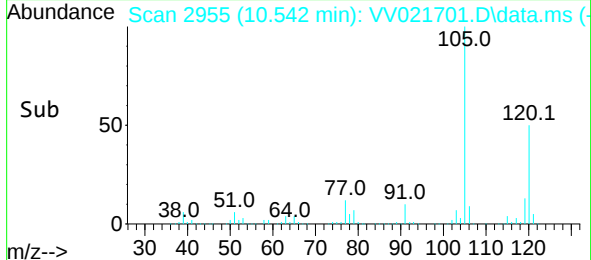
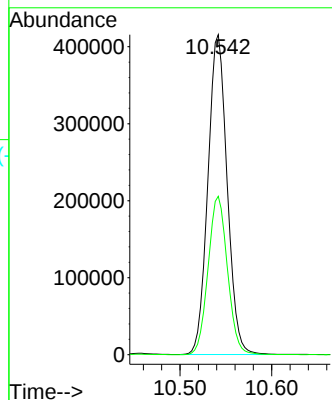
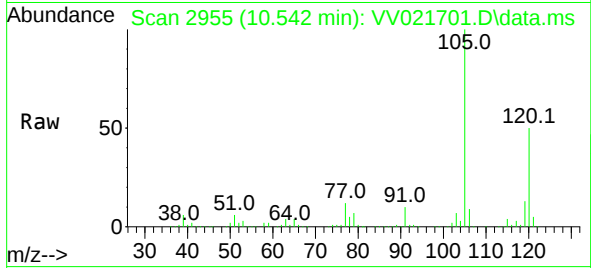




#62
1,3,5-Trimethylbenzene
Concen: 45.924 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

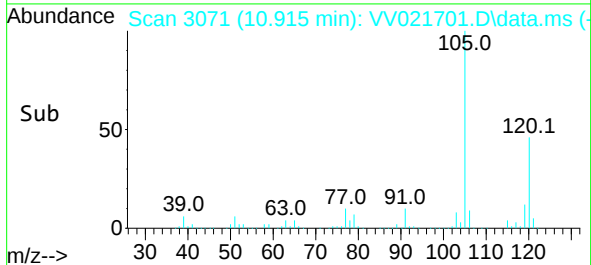
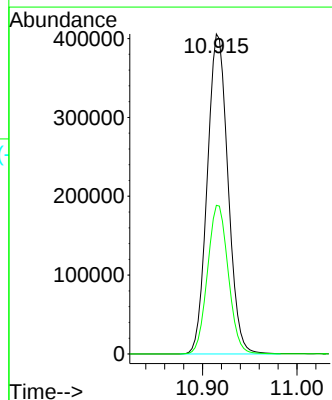
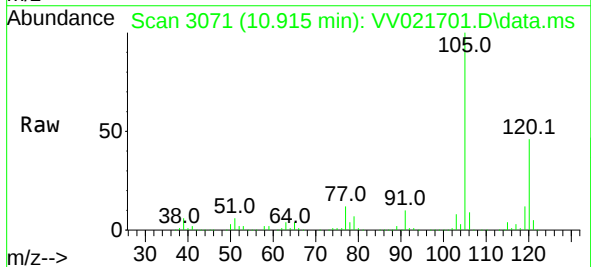
Instrument :
MSVOA_V
ClientSampled :

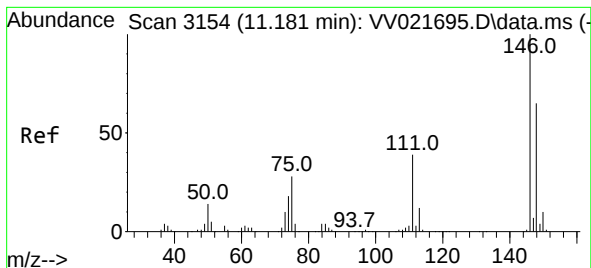
Tgt Ion:105 Resp: 605475
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 46.328 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion:105 Resp: 617027
Ion Ratio Lower Upper
105 100
120 46.7 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 46.345 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021701.D

Acq: 22 Jul 2021 16:34

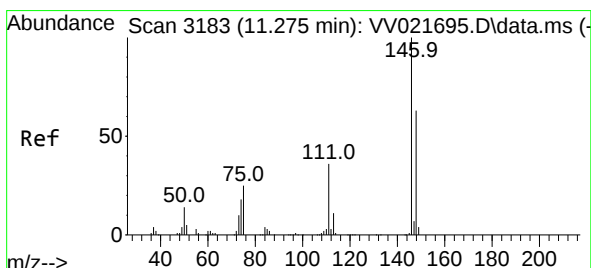
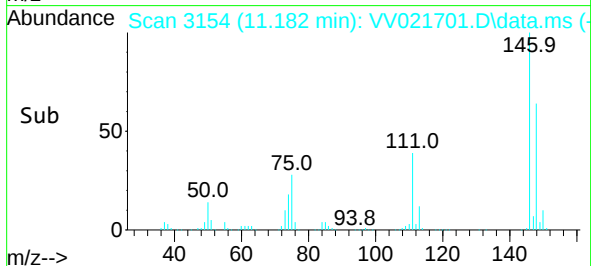
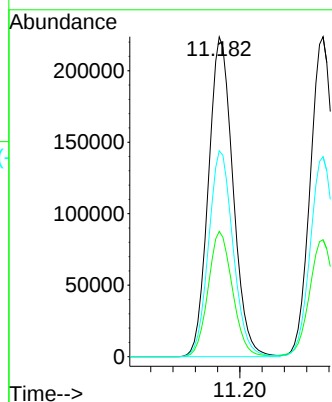
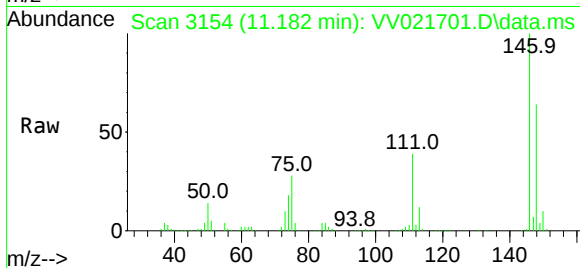
Tgt Ion:146 Resp: 342516

Ion Ratio Lower Upper

146 100

111 39.2 27.2 50.6

148 64.4 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 46.709 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021701.D

Acq: 22 Jul 2021 16:34

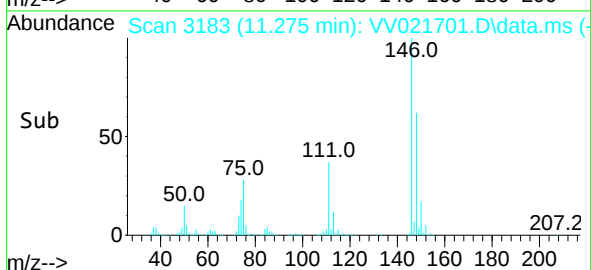
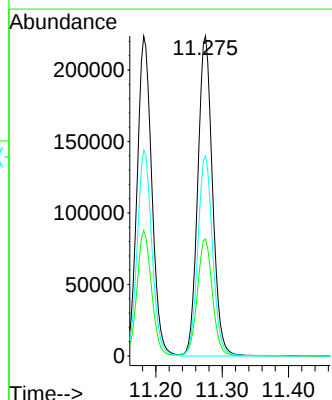
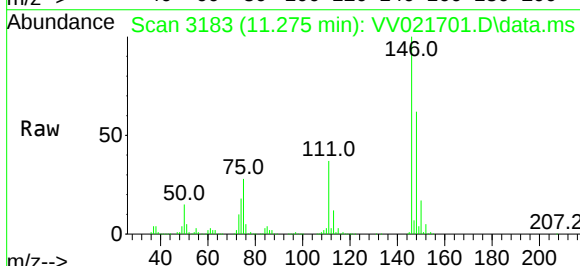
Tgt Ion:146 Resp: 345548

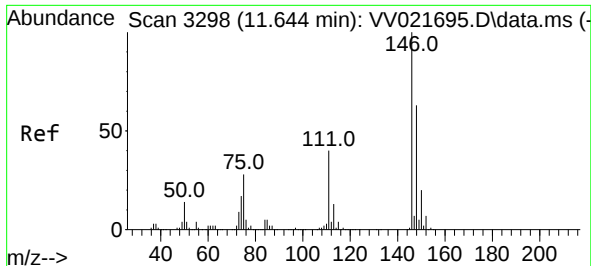
Ion Ratio Lower Upper

146 100

111 36.5 26.1 48.5

148 62.5 44.8 83.2

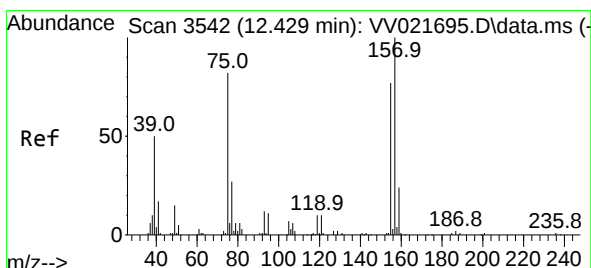
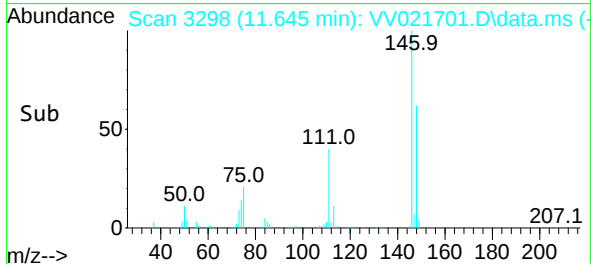
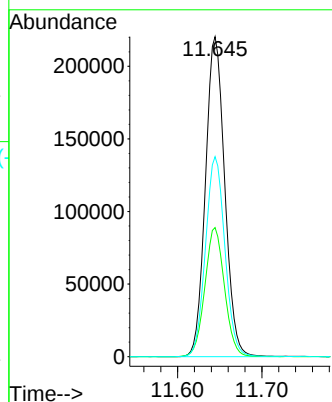
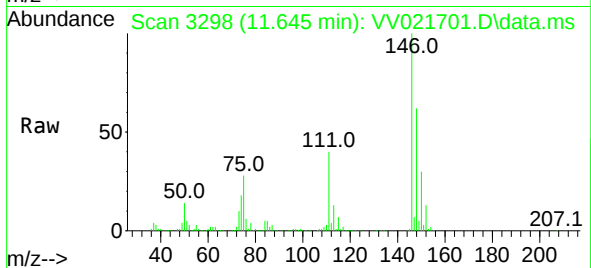




#67
1,2-Dichlorobenzene
Concen: 46.783 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

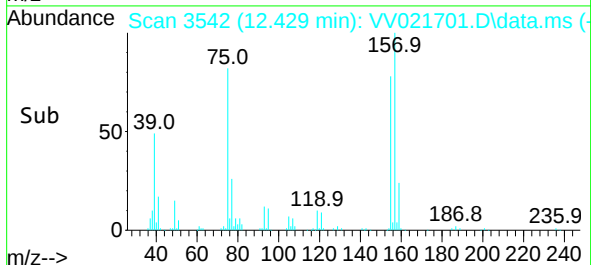
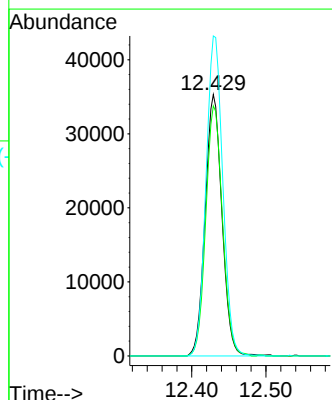
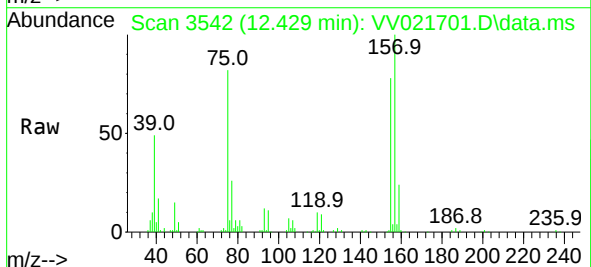
Instrument :
MSVOA_V
ClientSampleId :

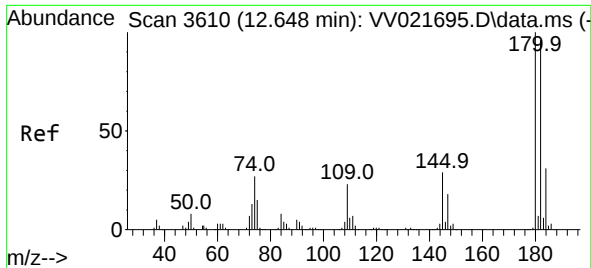
Tgt Ion:146 Resp: 350961
Ion Ratio Lower Upper
146 100
111 40.4 32.1 48.1
148 62.5 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 44.851 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion: 75 Resp: 55448
Ion Ratio Lower Upper
75 100
155 95.6 77.0 115.4
157 122.4 100.7 151.1

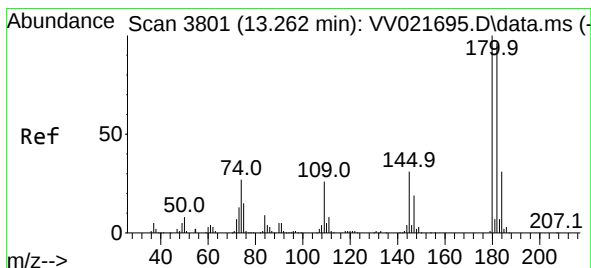
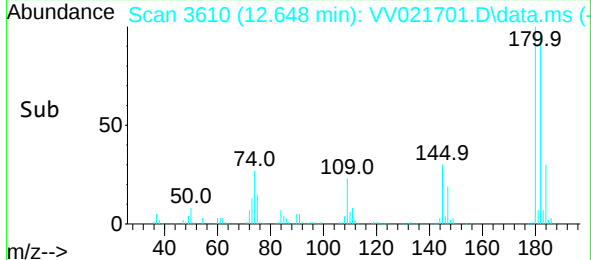
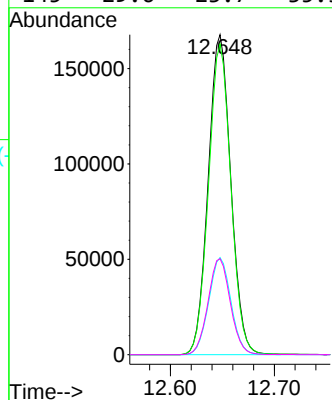
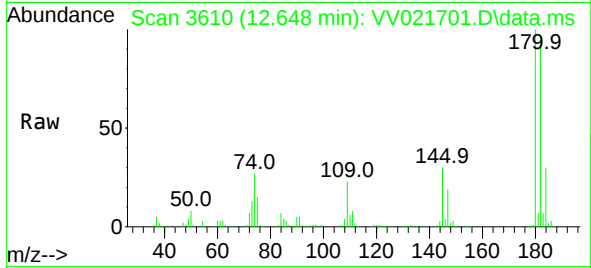




#69
1,3,5-Trichlorobenzene
Concen: 46.151 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

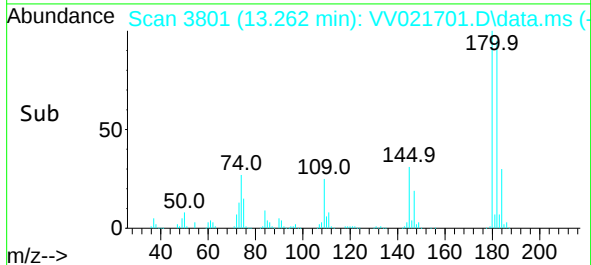
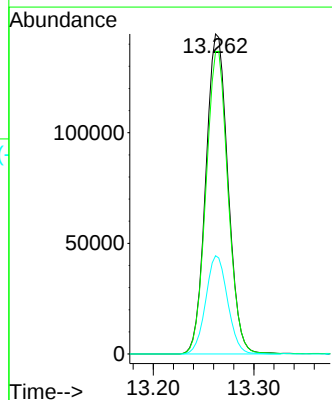
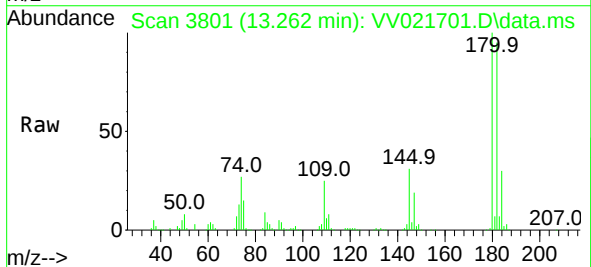
Instrument :
MSVOA_V
ClientSampleId :

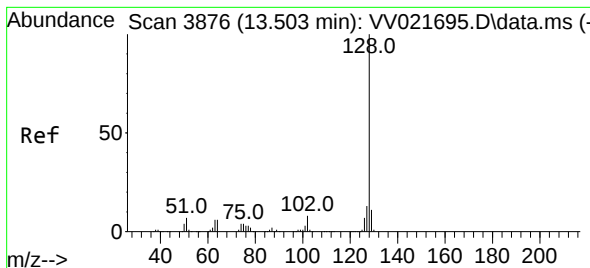
Tgt Ion:180	Resp: 252951
Ion Ratio	Lower Upper
180	100
182	96.1 75.9 113.9
184	29.9 24.9 37.3
145	29.6 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 45.742 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion:180	Resp: 221188
Ion Ratio	Lower Upper
180	100
182	94.3 76.7 115.1
145	30.3 24.5 36.7

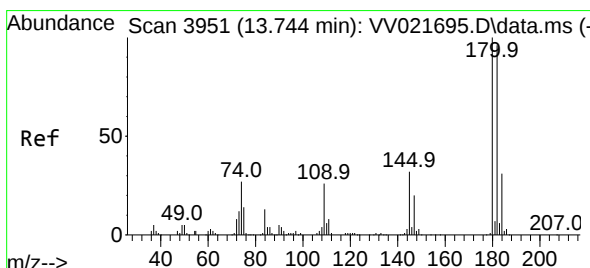
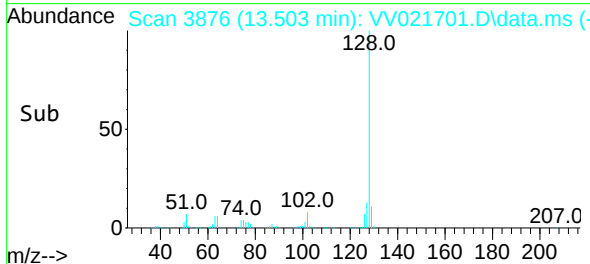
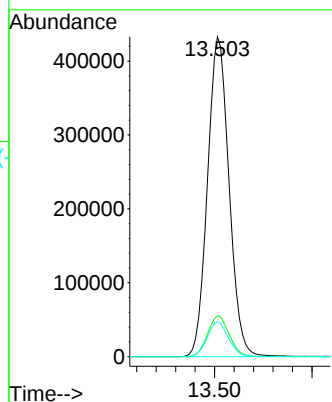
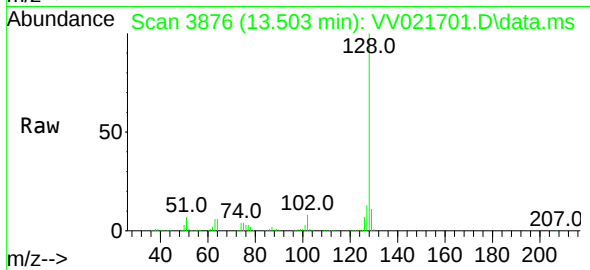




#71
Naphthalene
Concen: 44.365 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 662952
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 44.437 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021701.D
Acq: 22 Jul 2021 16:34

Tgt Ion:180 Resp: 219072
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 32.3 25.5 38.3

