

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060721\
 Data File : VV021519.D
 Acq On : 07 Jun 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 08 03:11:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	492751	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	456542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	270908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172250	53.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.180%	
7) Chloroethane-d5	1.568	69	122369	50.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.420%	
11) 1,1-Dichloroethene-d2	2.108	63	287021	51.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.560%	
21) 2-Butanone-d5	3.883	46	222408	95.604	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 95.600%	
24) Chloroform-d	4.346	84	316789	49.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.100%	
26) 1,2-Dichloroethane-d4	5.030	65	182050	48.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.880%	
32) Benzene-d6	5.050	84	637536	49.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.840%	
36) 1,2-Dichloropropane-d6	6.069	67	188356	47.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 95.520%	
41) Toluene-d8	7.313	98	614240	50.480	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.960%	
43) trans-1,3-Dichloroprop...	7.622	79	102891	48.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.500%	
47) 2-Hexanone-d5	8.085	63	172551	95.275	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 95.270%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259179	47.339	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 94.680%	
66) 1,2-Dichlorobenzene-d4	11.625	152	270992	48.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.240%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	164116	48.052	ug/L	98
3) Chloromethane	1.243	50	153511	45.119	ug/L	98
5) Vinyl chloride	1.310	62	166144	47.580	ug/L	99
6) Bromomethane	1.523	94	99192	41.478	ug/L	99
8) Chloroethane	1.584	64	93385	47.036	ug/L	99
9) Trichlorofluoromethane	1.751	101	260371	50.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	153168	50.873	ug/L	97
12) 1,1-Dichloroethene	2.117	96	142889	49.409	ug/L	99
13) Acetone	2.429	43	155713	77.793	ug/L	100
14) Carbon disulfide	2.294	76	437202	47.952	ug/L	100
15) Methyl Acetate	2.429	43	162319	47.328	ug/L	98
16) Methylene chloride	2.506	84	173220	47.814	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	167815	50.862	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	518142	49.537	ug/L	100
19) 1,1-Dichloroethane	3.188	63	282172	48.260	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	184042	49.859	ug/L	97
22) 2-Butanone	3.966	43	238371	94.009	ug/L	95
23) Bromochloromethane	4.246	128	103582	50.667	ug/L	94
25) Chloroform	4.375	83	299265	49.461	ug/L	99

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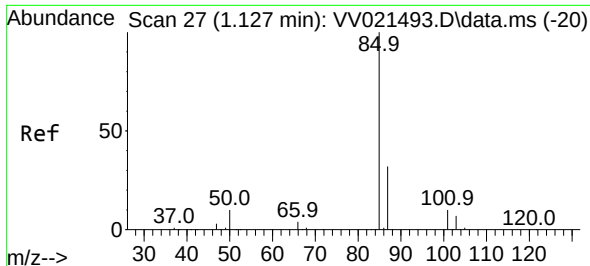
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	210626	50.389	ug/L	98
29) Cyclohexane	4.677	56	255970	48.126	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	280558	49.782	ug/L	99
31) Carbon tetrachloride	4.828	117	261843	51.179	ug/L	100
33) Benzene	5.098	78	641388	49.084	ug/L	100
34) Trichloroethene	5.911	95	178557	50.271	ug/L	97
35) Methylcyclohexane	6.130	83	276717	48.532	ug/L	98
37) 1,2-Dichloropropane	6.172	63	159939	48.004	ug/L	100
38) Bromodichloromethane	6.510	83	232488	49.728	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	277441	49.529	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	435173	96.330	ug/L	98
42) Toluene	7.387	91	713936	49.250	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	265386	50.080	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	171462	50.706	ug/L	99
46) Tetrachloroethene	7.976	164	171015	52.368	ug/L	97
48) 2-Hexanone	8.136	43	328665	94.861	ug/L	98
49) Dibromochloromethane	8.246	129	215544	50.904	ug/L	98
50) 1,2-Dibromoethane	8.352	107	185894	49.948	ug/L	99
51) Chlorobenzene	8.882	112	483306	50.429	ug/L	98
52) Ethylbenzene	9.011	91	792948	49.803	ug/L	99
53) m,p-Xylene	9.136	106	311405	50.903	ug/L	97
54) o-Xylene	9.542	106	305436	50.566	ug/L	97
55) Styrene	9.561	104	519912	50.012	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	257034	48.695	ug/L	99
59) Bromoform	9.731	173	182240	49.857	ug/L	100
60) Isopropylbenzene	9.931	105	809911	48.246	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	201276	47.285	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	697936	48.294	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	702850	48.144	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	426335	50.280	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	424909	49.634	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	413937	48.755	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	62388	47.047	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	357284	49.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	326728	51.128	ug/L	100
71) Naphthalene	13.500	128	858073	48.680	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	313903	50.465	ug/L	100

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

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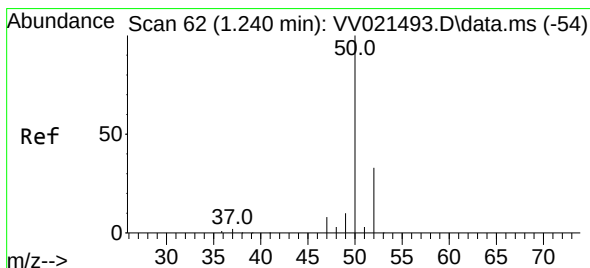
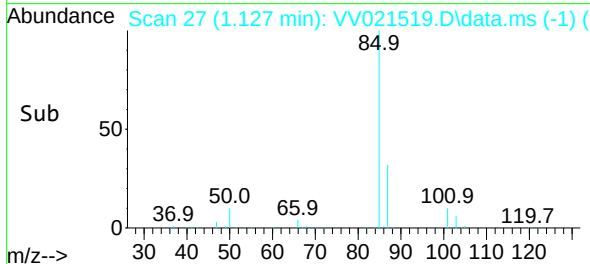
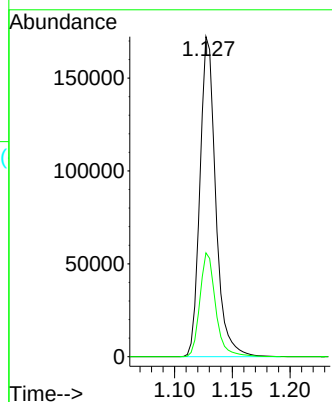
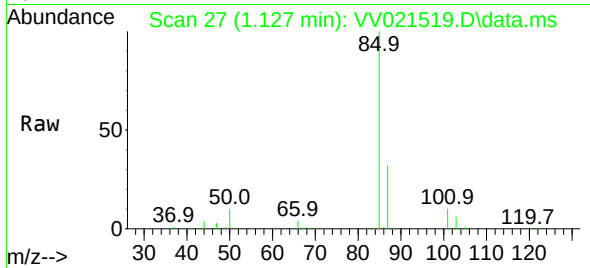




#2
 Dichlorodifluoromethane
 Concen: 48.052 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021519.D
 Acq: 07 Jun 2021 10:44

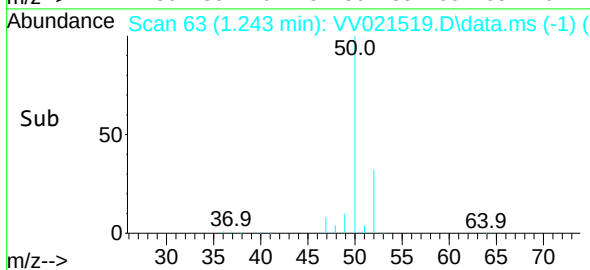
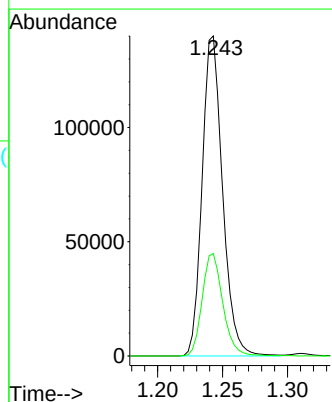
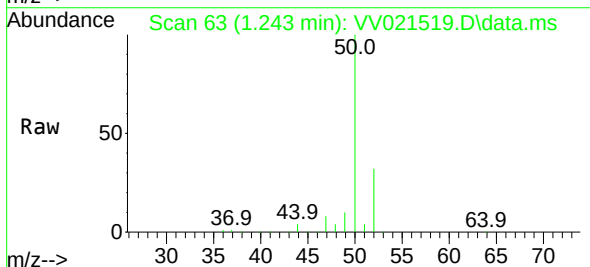
Instrument :
 MSVOA_V
 ClientSampled :

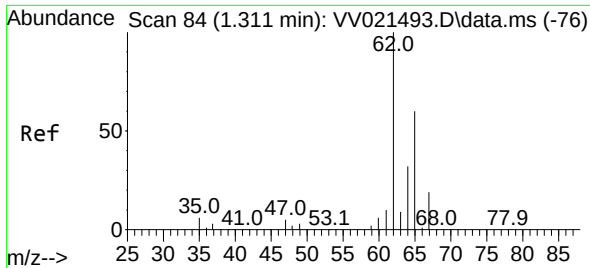
Tgt Ion: 85 Resp: 164116
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8



#3
 Chloromethane
 Concen: 45.119 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV021519.D
 Acq: 07 Jun 2021 10:44

Tgt Ion: 50 Resp: 153511
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.3 43.3

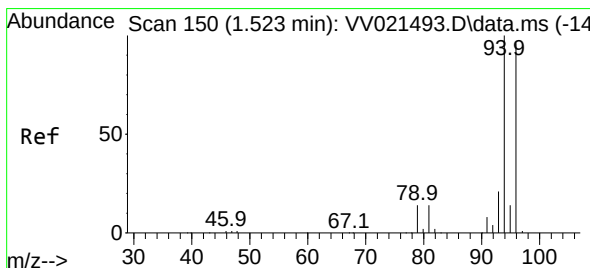
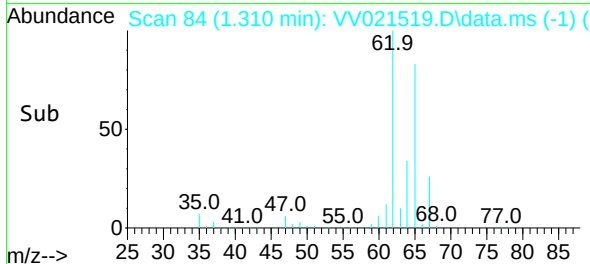
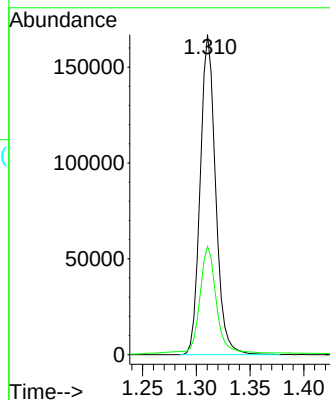
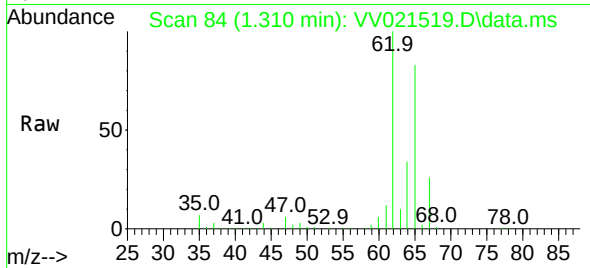




#5
 Vinyl chloride
 Concen: 47.580 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021519.D
 Acq: 07 Jun 2021 10:44

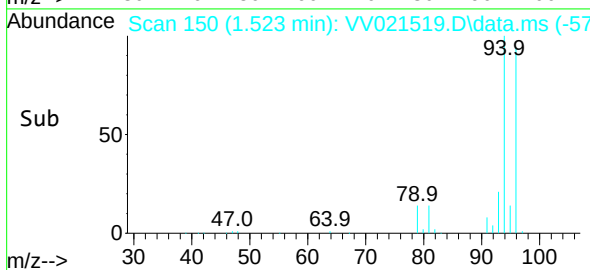
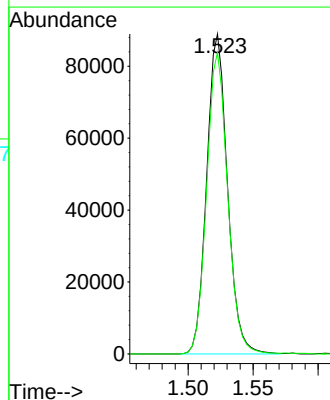
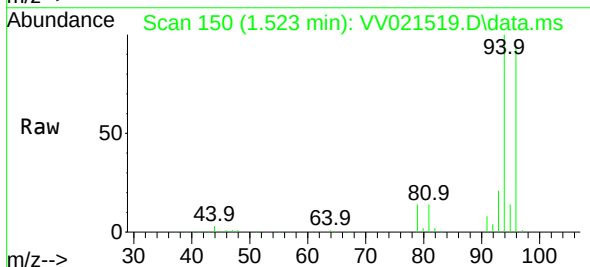
Instrument :
 MSVOA_V
 ClientSampled :

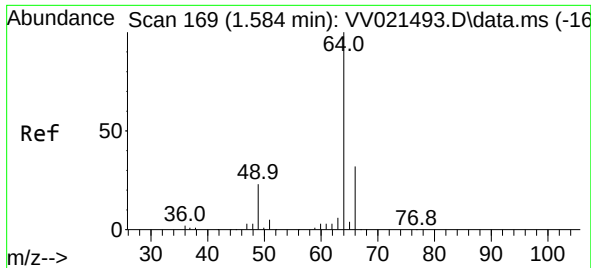
Tgt Ion: 62 Resp: 166144
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.1 42.9



#6
 Bromomethane
 Concen: 41.478 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV021519.D
 Acq: 07 Jun 2021 10:44

Tgt Ion: 94 Resp: 99192
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.2 121.0

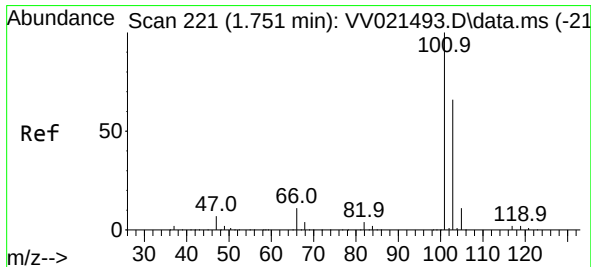
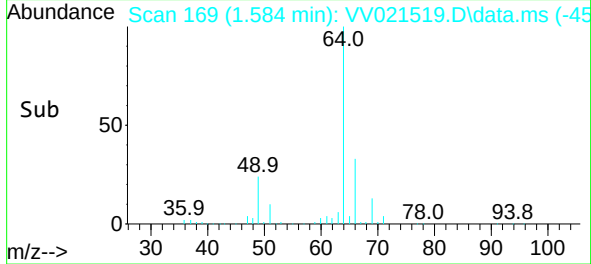
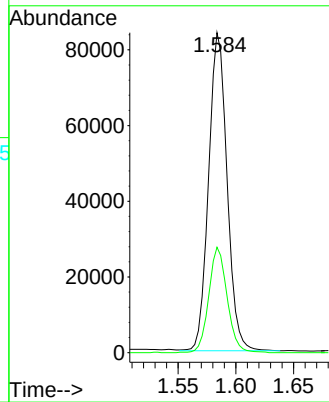
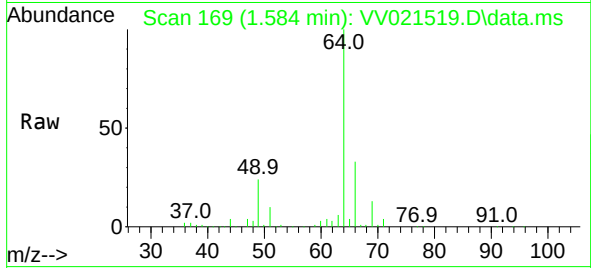




#8
Chloroethane
Concen: 47.036 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

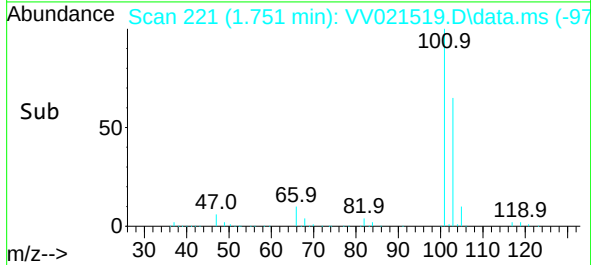
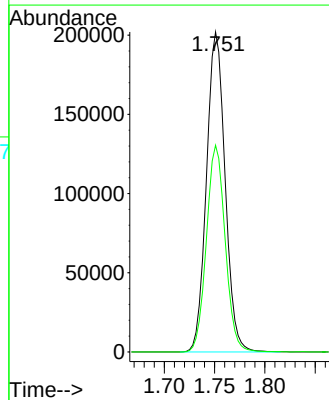
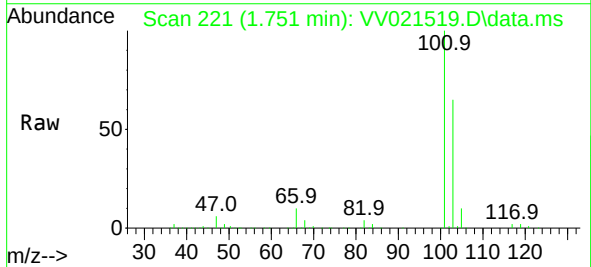
Instrument :
MSVOA_V
ClientSampled :

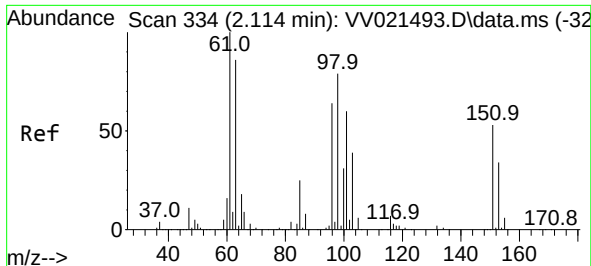
Tgt Ion: 64 Resp: 93385
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 50.269 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion:101 Resp: 260371
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.873 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

Tgt Ion:101 Resp: 153168

Ion Ratio Lower Upper

101 100

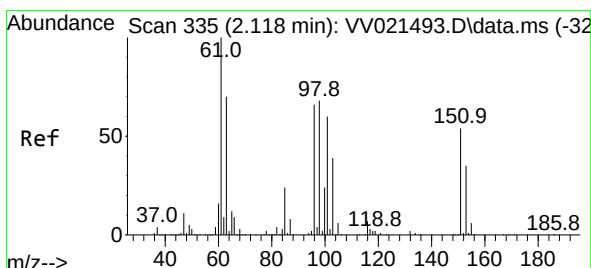
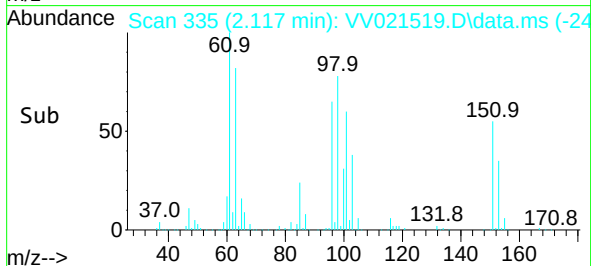
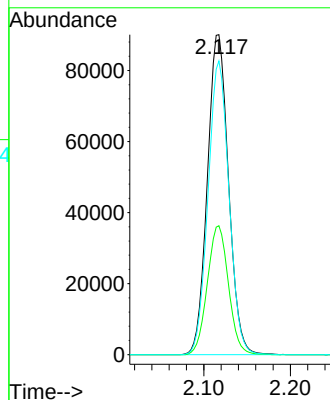
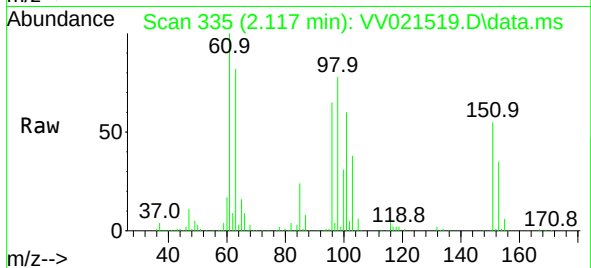
85 40.2 32.6 49.0

151 90.9 70.0 105.0

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 49.409 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

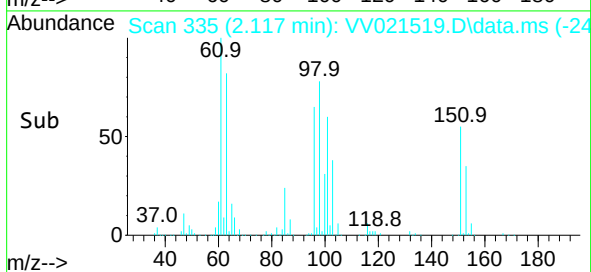
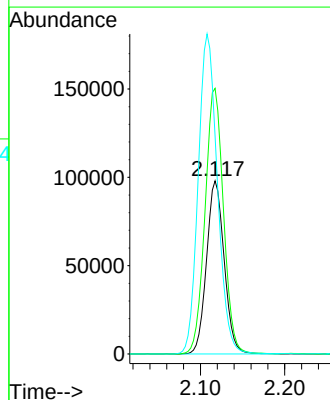
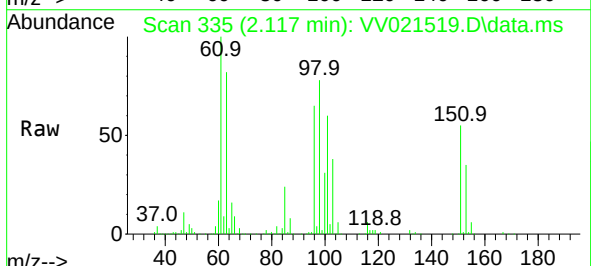
Tgt Ion: 96 Resp: 142889

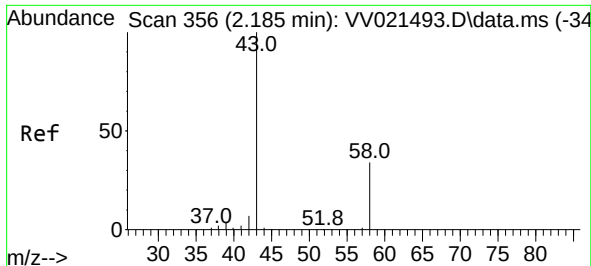
Ion Ratio Lower Upper

96 100

61 153.5 107.7 200.1

63 125.9 86.6 160.8

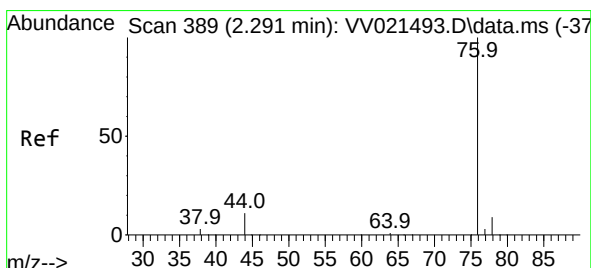
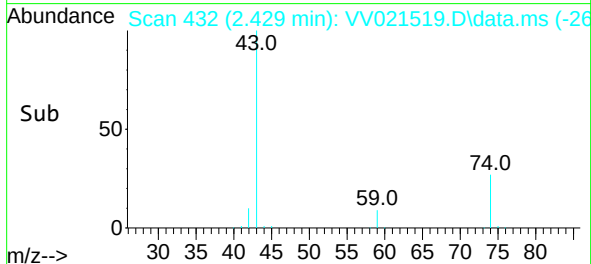
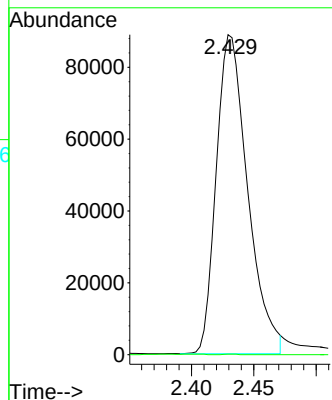
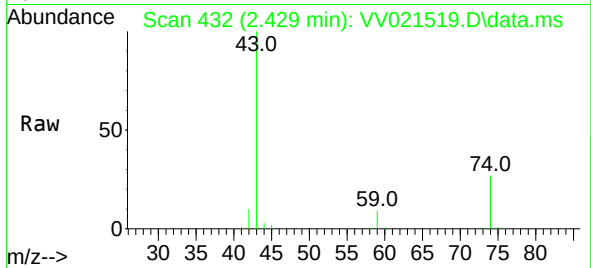




#13
Acetone
Concen: 77.793 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.244 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

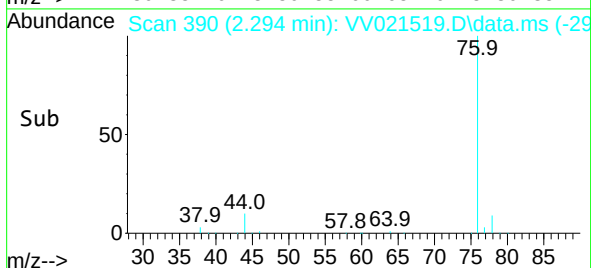
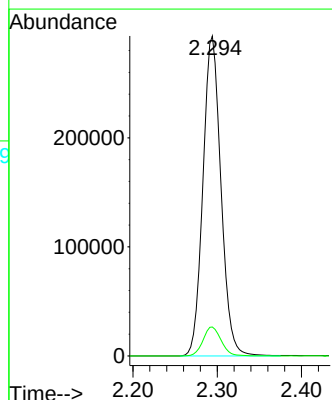
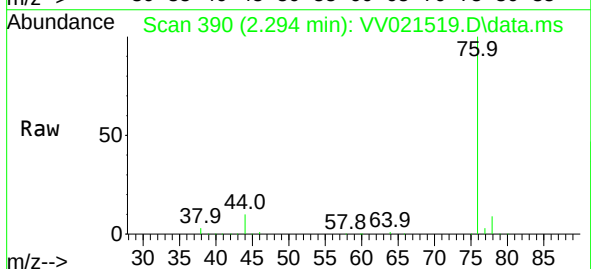
Instrument :
MSVOA_V
ClientSampleId :

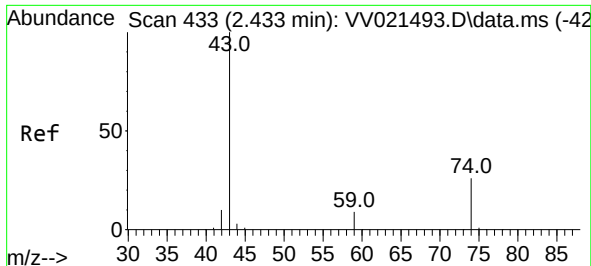
Tgt Ion: 43 Resp: 155713
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.2



#14
Carbon disulfide
Concen: 47.952 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 76 Resp: 437202
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

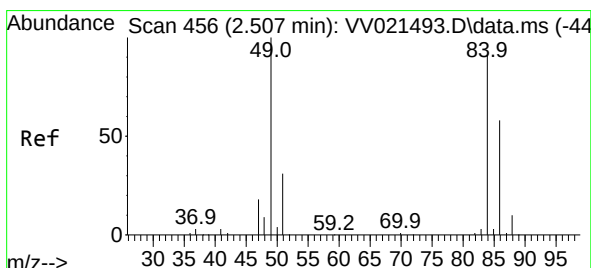
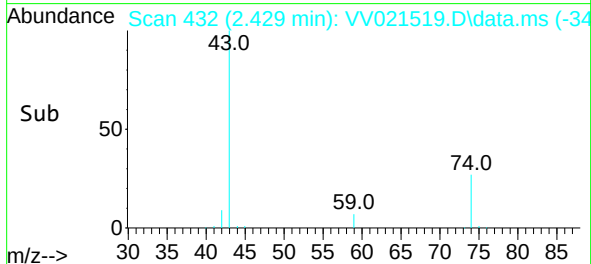
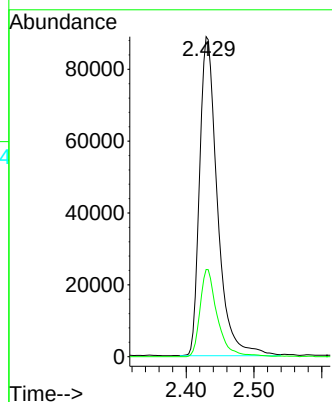
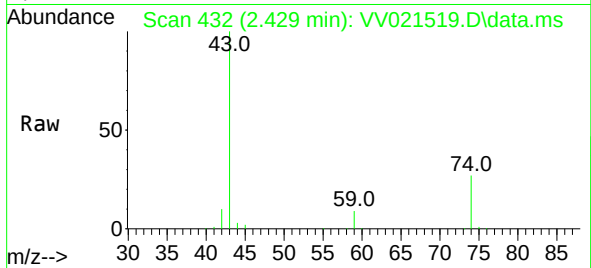




#15
Methyl Acetate
Concen: 47.328 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

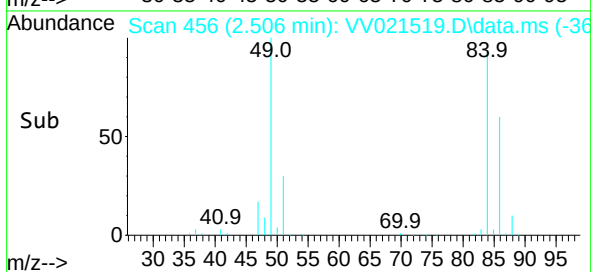
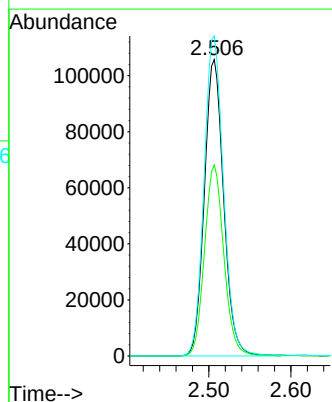
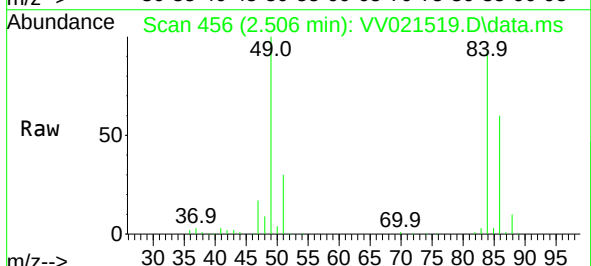
Instrument :
MSVOA_V
ClientSampleId :

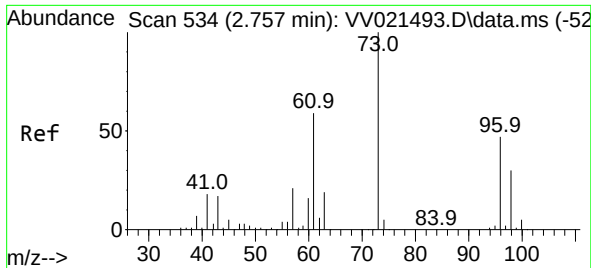
Tgt Ion: 43 Resp: 162319
Ion Ratio Lower Upper
43 100
74 26.5 20.4 30.6



#16
Methylene chloride
Concen: 47.814 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 84 Resp: 173220
Ion Ratio Lower Upper
84 100
86 64.5 44.1 81.9
49 108.0 80.8 150.0

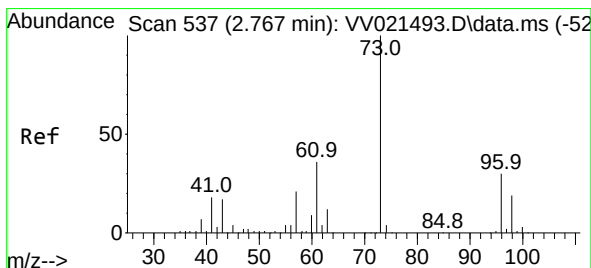
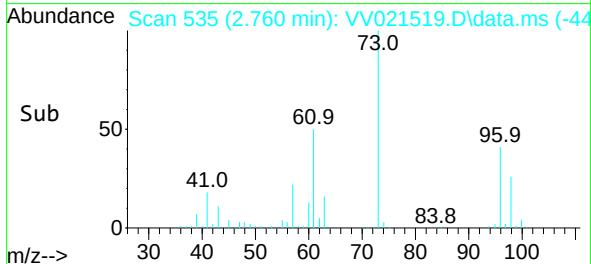
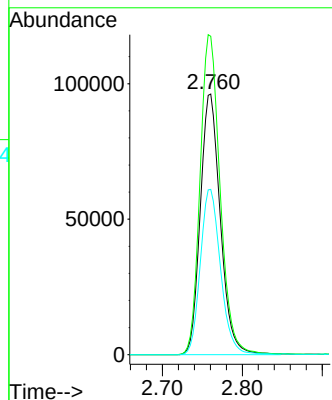
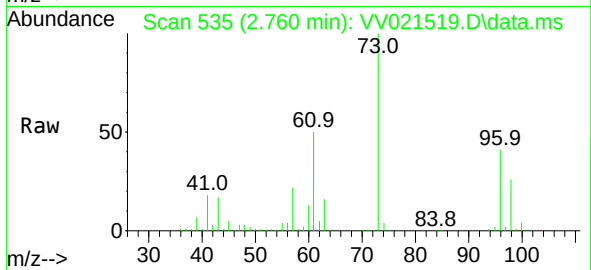




#17
trans-1,2-Dichloroethene
Concen: 50.862 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

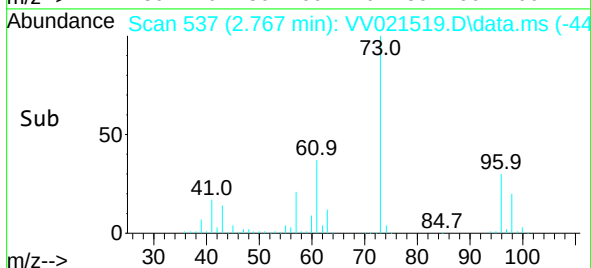
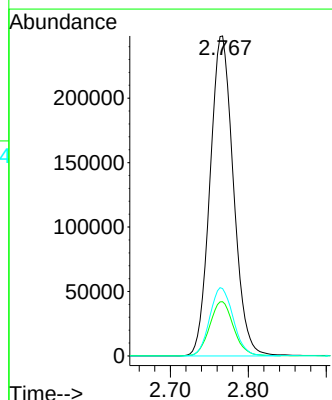
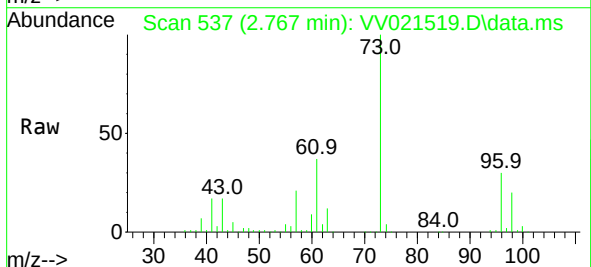
Instrument :
MSVOA_V
ClientSampled :

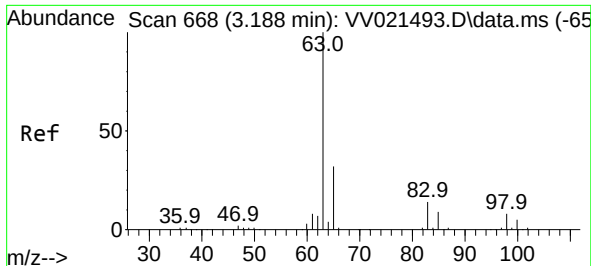
Tgt Ion: 96 Resp: 167815
Ion Ratio Lower Upper
96 100
61 122.2 88.8 165.0
98 63.4 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 49.537 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 73 Resp: 518142
Ion Ratio Lower Upper
73 100
43 17.2 13.9 20.9
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.260 ug/L

RT: 3.188 min Scan# 668

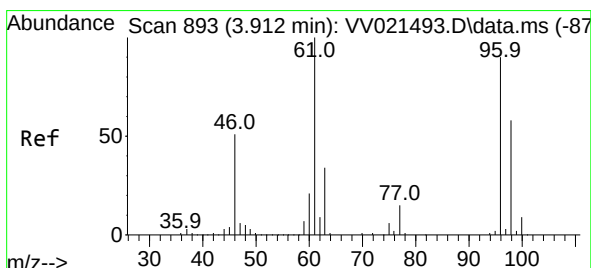
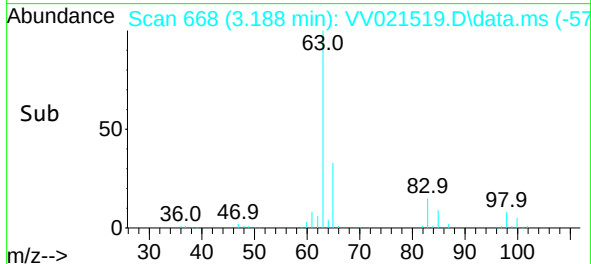
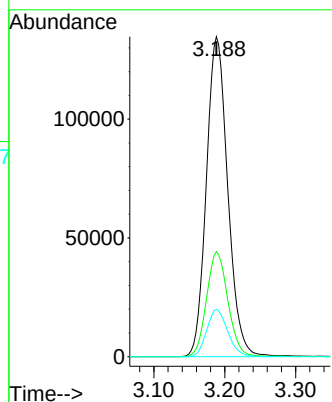
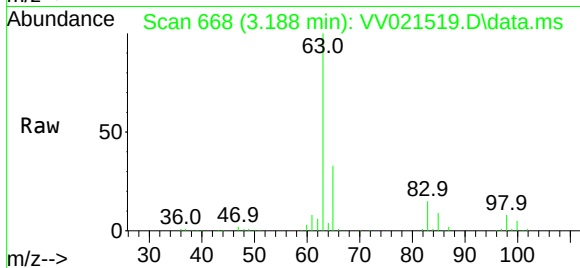
Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

Tgt Ion: 63 Resp: 282172

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.5	41.7
83	14.8	10.1	18.9



#20

cis-1,2-Dichloroethene

Concen: 49.859 ug/L

RT: 3.908 min Scan# 892

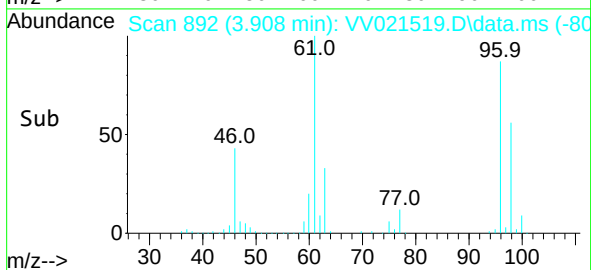
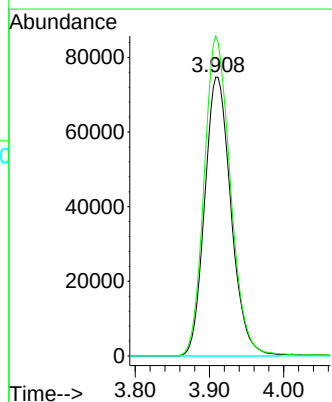
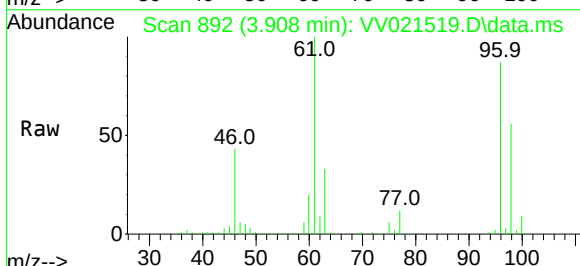
Delta R.T. -0.003 min

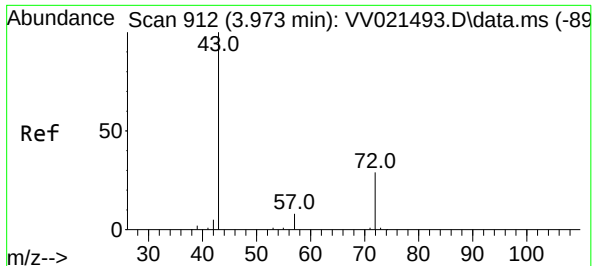
Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

Tgt Ion: 96 Resp: 184042

Ion	Ratio	Lower	Upper
96	100		
61	114.7	82.4	153.0
68	0.0	0.0	0.0

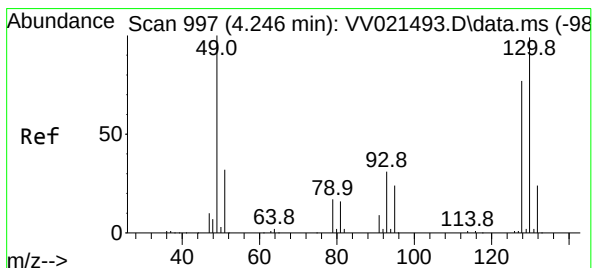
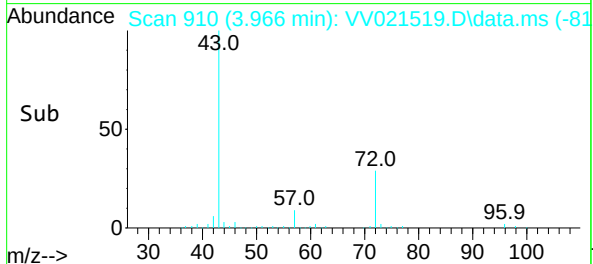
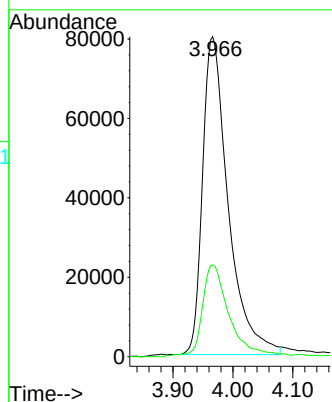
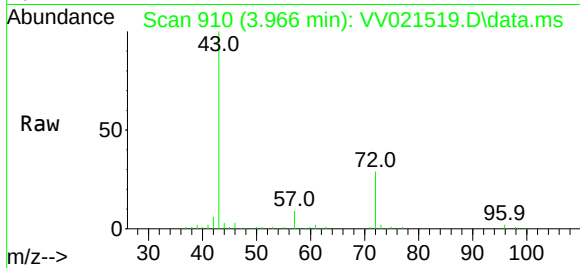




#22
2-Butanone
Concen: 94.009 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.007 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

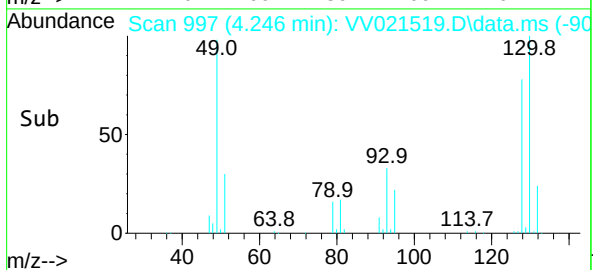
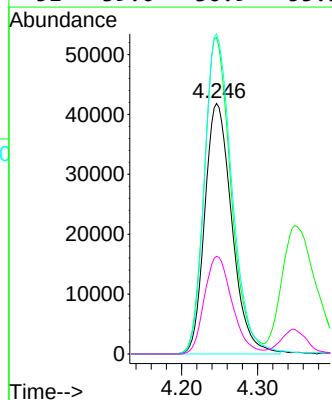
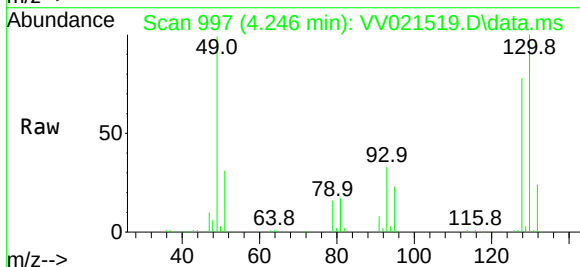
Instrument :
MSVOA_V
ClientSampled :

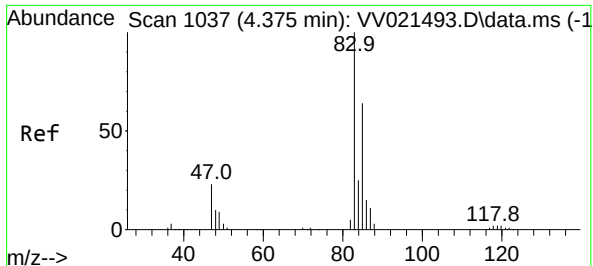
Tgt Ion: 43 Resp: 238371
Ion Ratio Lower Upper
43 100
72 28.4 13.1 39.1



#23
Bromochloromethane
Concen: 50.667 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 128 Resp: 103582
Ion Ratio Lower Upper
128 100
49 126.3 96.8 179.8
130 127.7 90.2 167.6
51 39.0 36.9 55.3





#25

Chloroform

Concen: 49.461 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021519.D

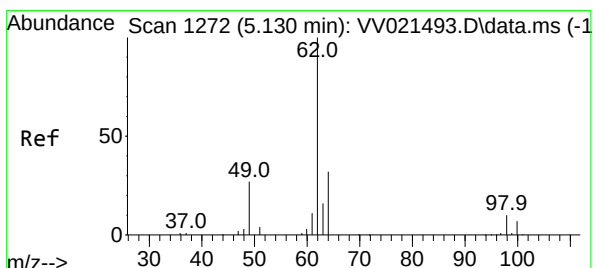
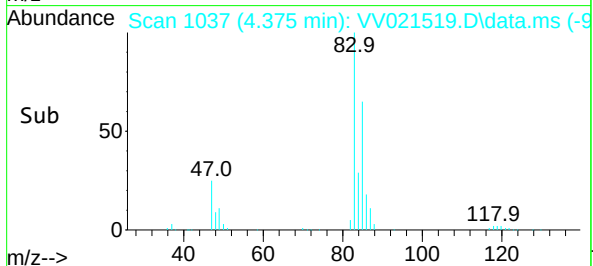
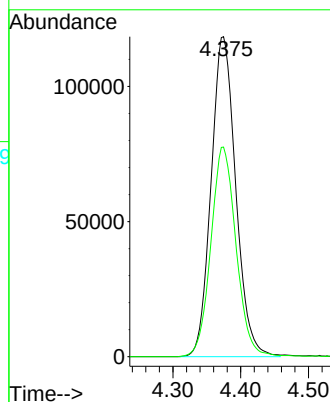
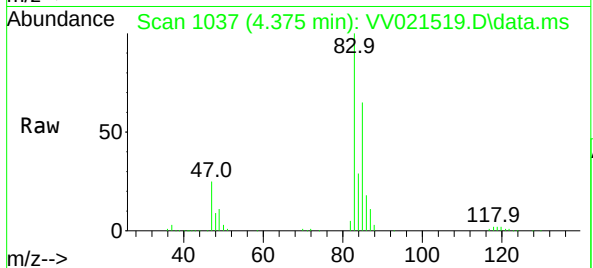
Acq: 07 Jun 2021 10:44

Tgt Ion: 83 Resp: 299265

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.389 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV021519.D

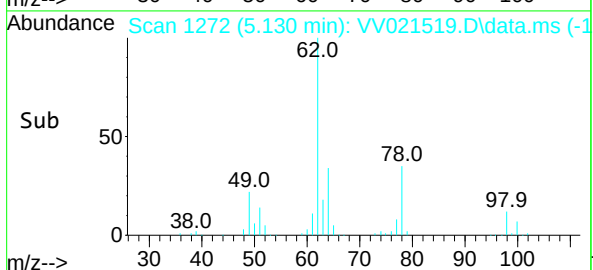
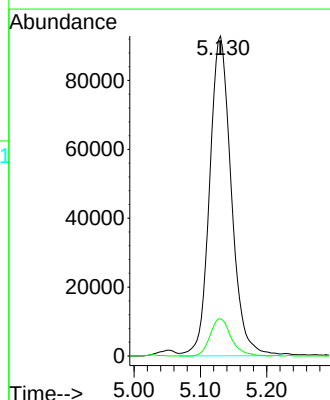
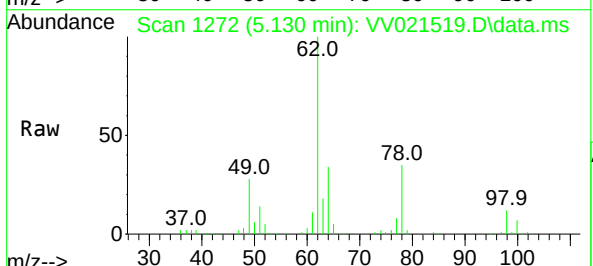
Acq: 07 Jun 2021 10:44

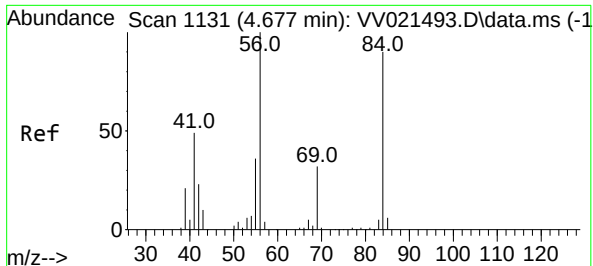
Tgt Ion: 62 Resp: 210626

Ion Ratio Lower Upper

62 100

98 11.6 8.6 12.8





#29

Cyclohexane

Concen: 48.126 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

Tgt Ion: 56 Resp: 255970

Ion Ratio Lower Upper

56 100

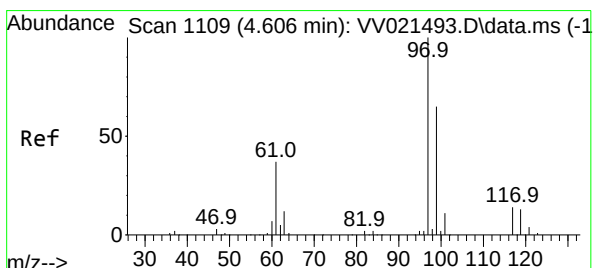
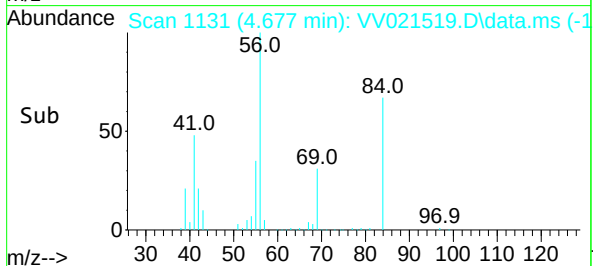
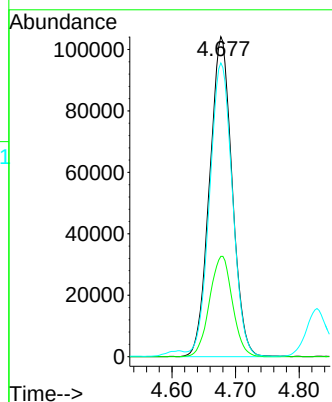
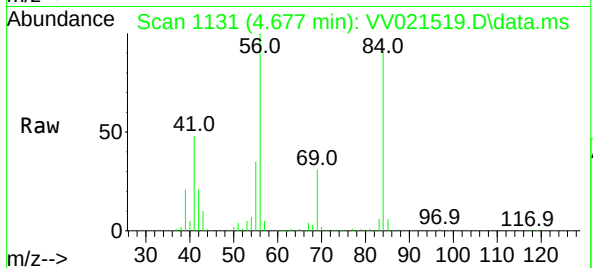
69 31.9 24.9 37.3

84 93.0 73.7 110.5

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 49.782 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

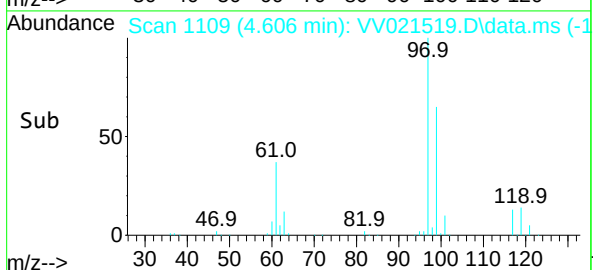
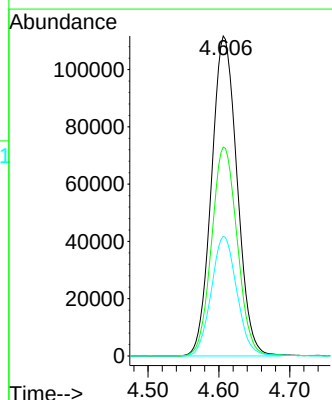
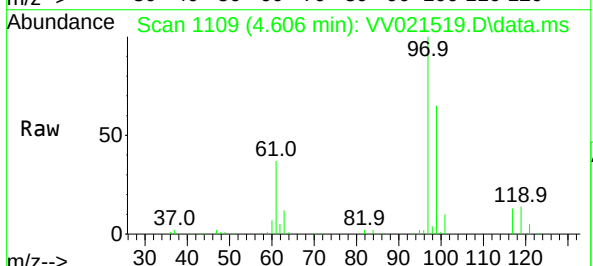
Tgt Ion: 97 Resp: 280558

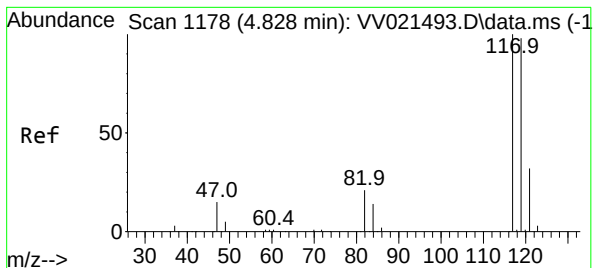
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.6

61 37.5 30.2 45.4

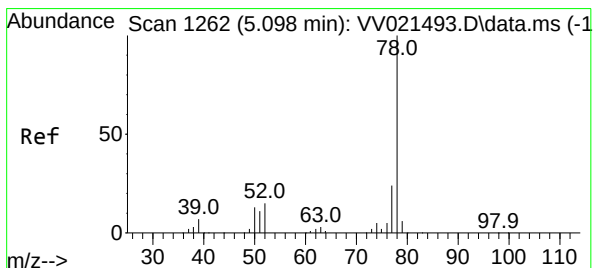
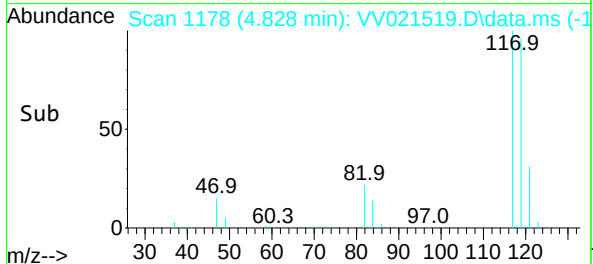
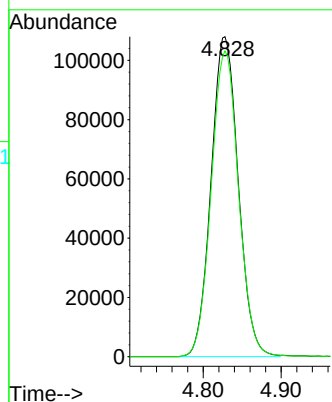
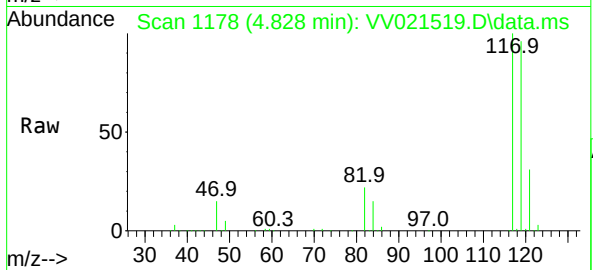




#31
Carbon tetrachloride
Concen: 51.179 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

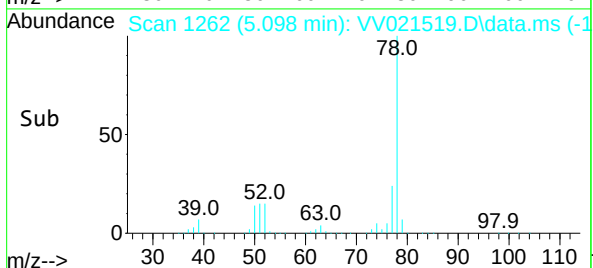
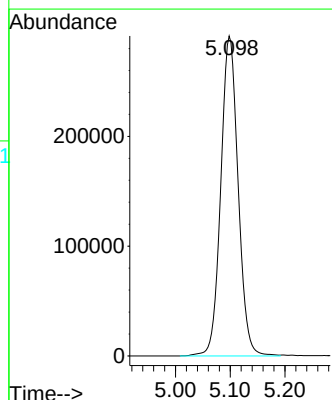
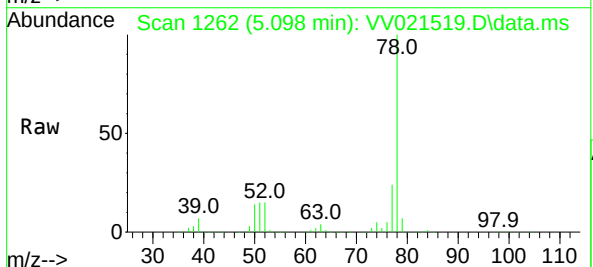
Instrument :
MSVOA_V
ClientSampled :

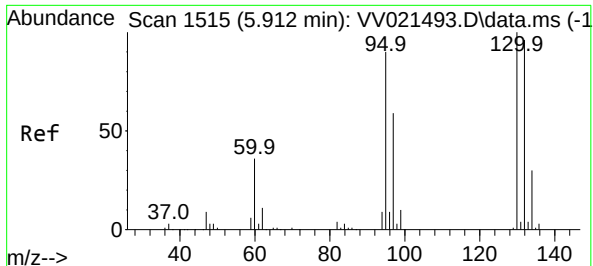
Tgt Ion:117 Resp: 261843
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2



#33
Benzene
Concen: 49.084 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 78 Resp: 641388

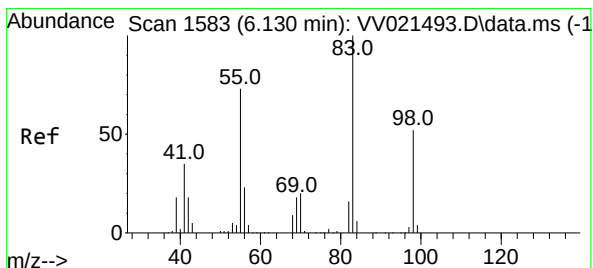
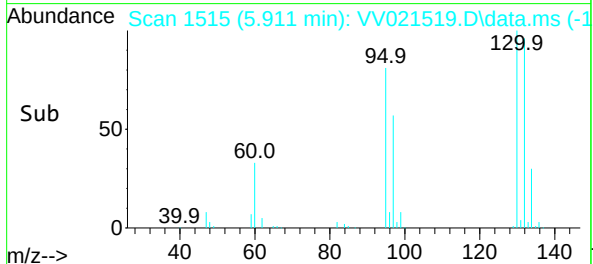
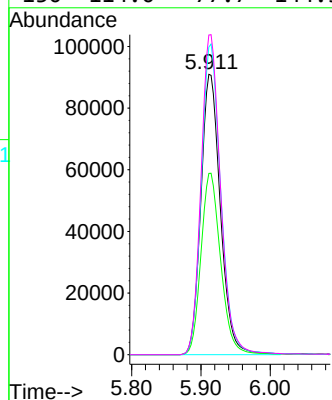
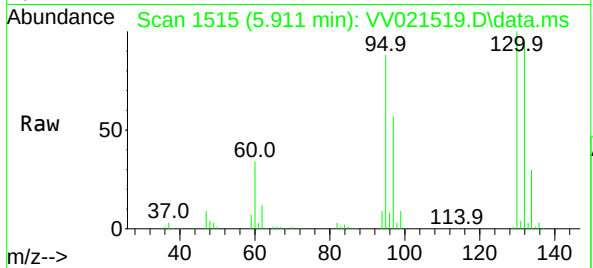




#34
Trichloroethene
Concen: 50.271 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

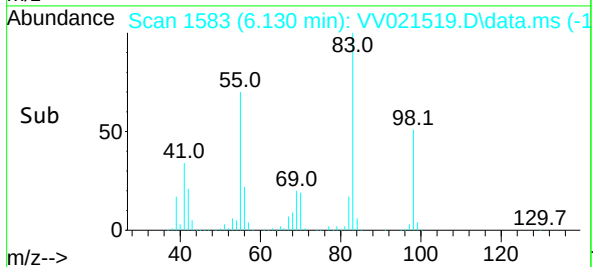
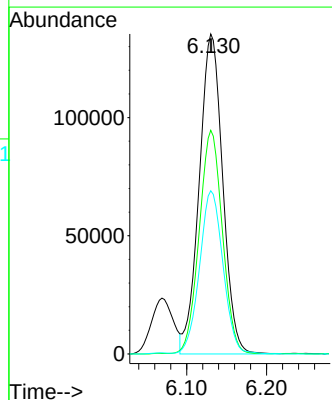
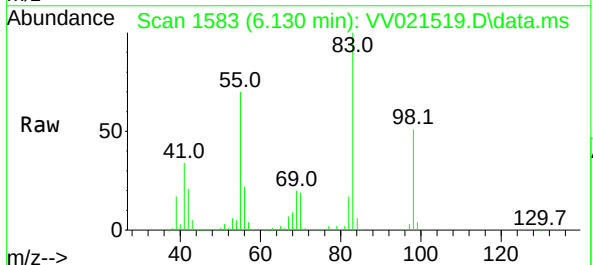
Instrument :
MSVOA_V
ClientSampled :

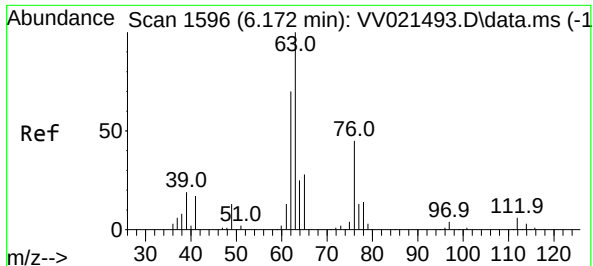
Tgt Ion: 95 Resp: 178557
Ion Ratio Lower Upper
95 100
97 64.7 44.3 82.3
132 109.7 73.2 136.0
130 114.0 77.7 144.3



#35
Methylcyclohexane
Concen: 48.532 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 83 Resp: 276717
Ion Ratio Lower Upper
83 100
55 69.1 58.0 87.0
98 50.9 40.8 61.2

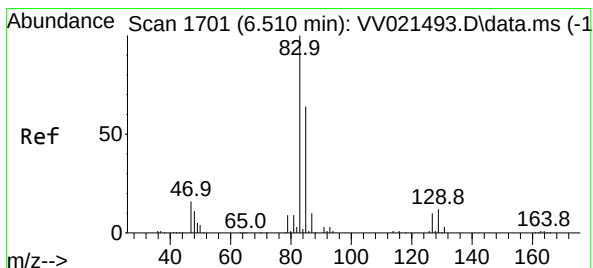
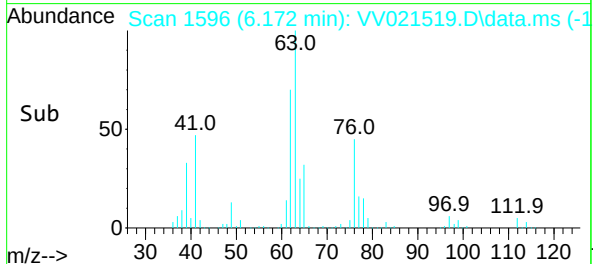
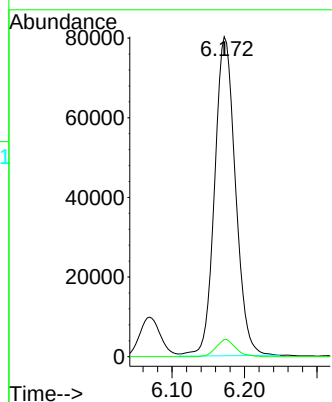
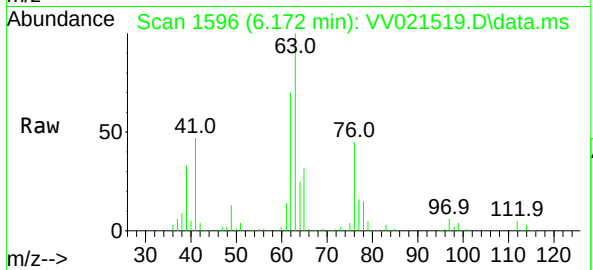




#37
1,2-Dichloropropane
Concen: 48.004 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

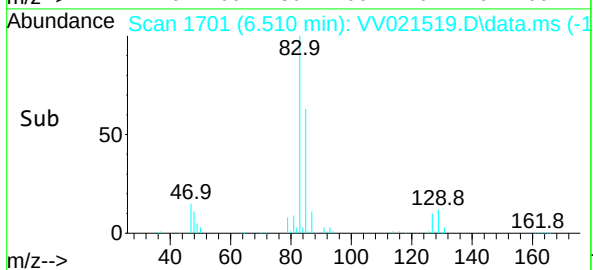
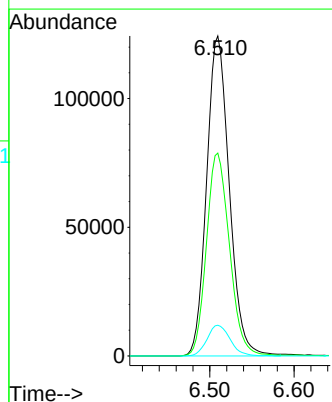
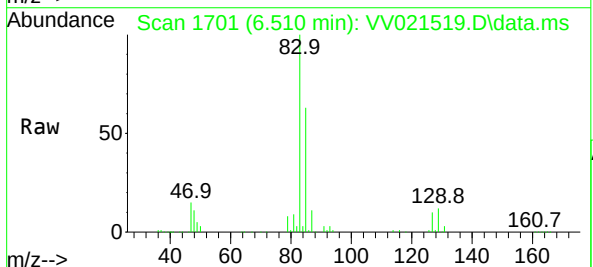
Instrument :
MSVOA_V
ClientSampleId :

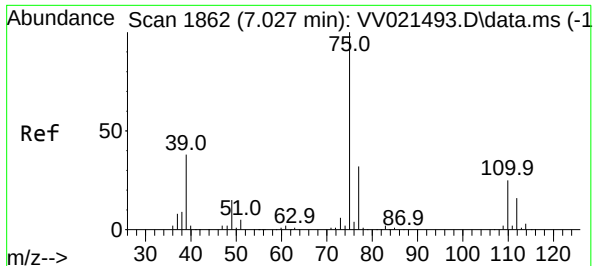
Tgt Ion: 63 Resp: 159939
Ion Ratio Lower Upper
63 100
112 5.1 4.0 6.0



#38
Bromodichloromethane
Concen: 49.728 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 83 Resp: 232488
Ion Ratio Lower Upper
83 100
85 63.4 44.6 82.8
127 9.6 7.6 11.4

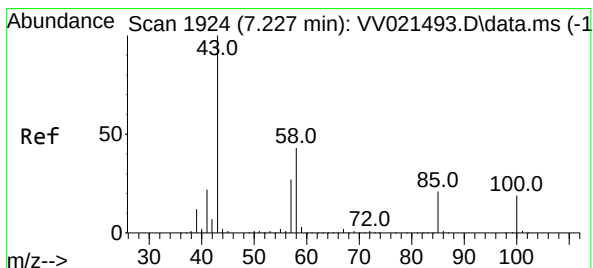
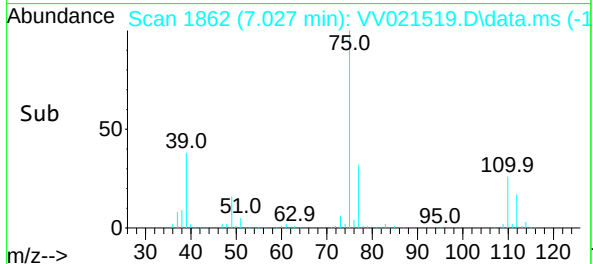
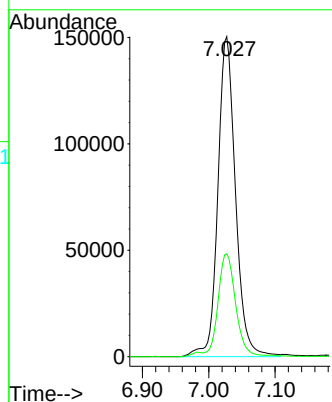
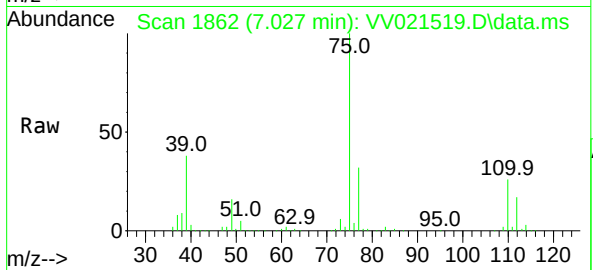




#39
 cis-1,3-Dichloropropene
 Concen: 49.529 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021519.D
 Acq: 07 Jun 2021 10:44

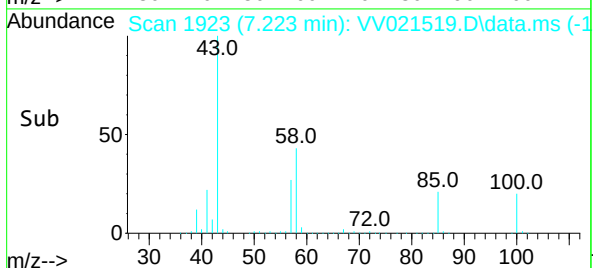
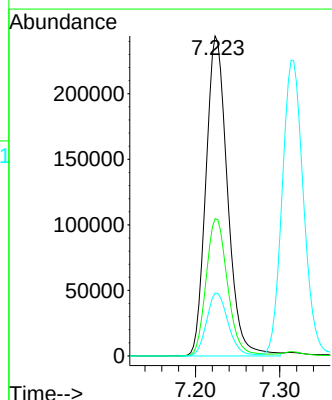
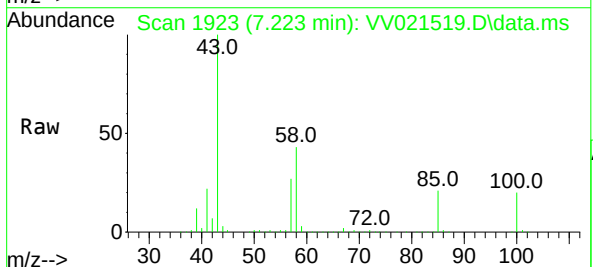
Instrument :
 MSVOA_V
 ClientSampled :

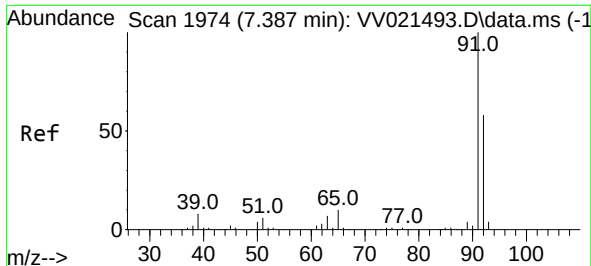
Tgt Ion: 75 Resp: 277441
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 96.330 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021519.D
 Acq: 07 Jun 2021 10:44

Tgt Ion: 43 Resp: 435173
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.5 50.3
 100 19.6 14.8 22.2

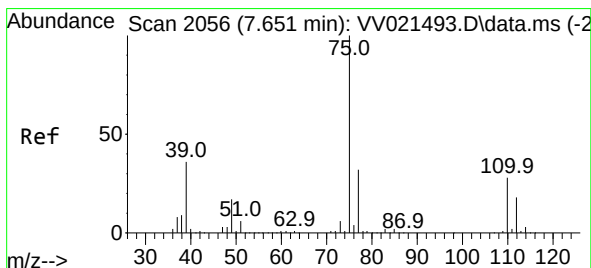
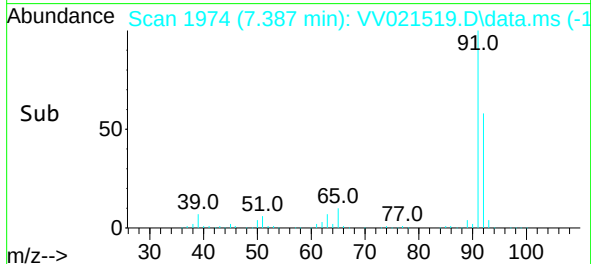
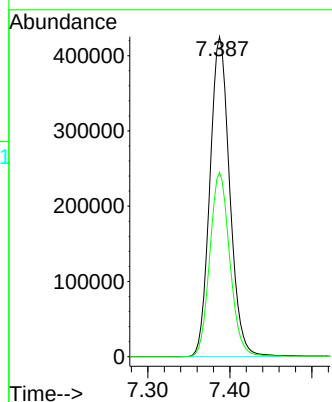
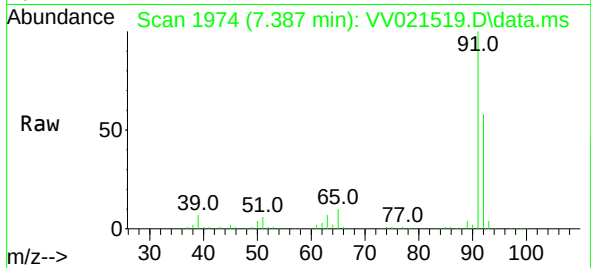




#42
Toluene
Concen: 49.250 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

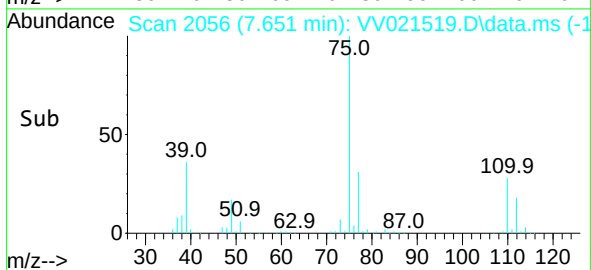
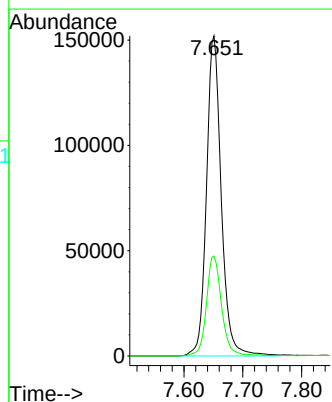
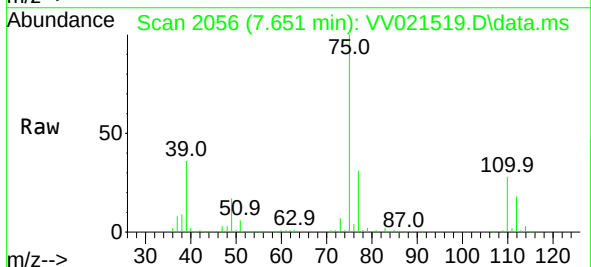
Instrument :
MSVOA_V
ClientSampled :

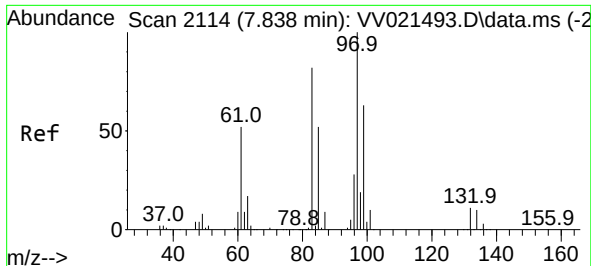
Tgt Ion: 91 Resp: 713936
Ion Ratio Lower Upper
91 100
92 57.6 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 50.080 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 75 Resp: 265386
Ion Ratio Lower Upper
75 100
77 31.2 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 50.706 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

Tgt Ion: 97 Resp: 171462

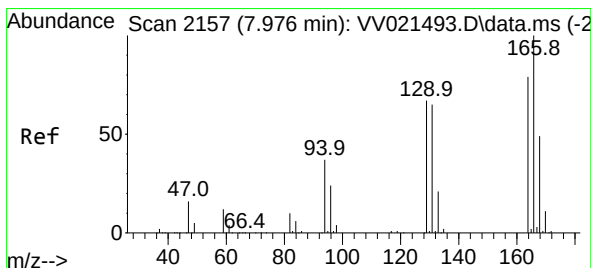
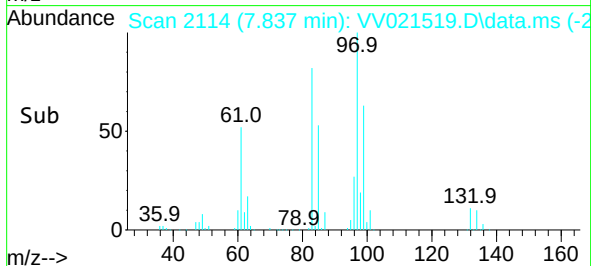
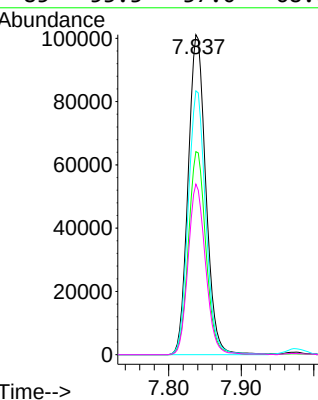
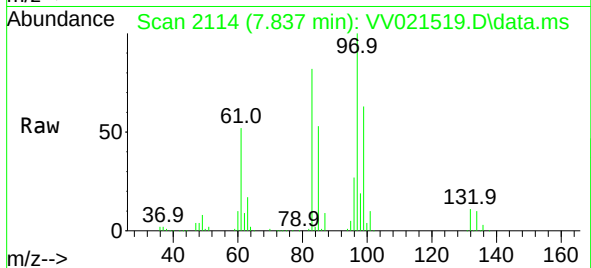
Ion Ratio Lower Upper

97 100

99 63.5 43.7 81.1

83 82.5 57.1 106.1

85 53.3 37.0 68.6



#46

Tetrachloroethene

Concen: 52.368 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

Tgt Ion: 164 Resp: 171015

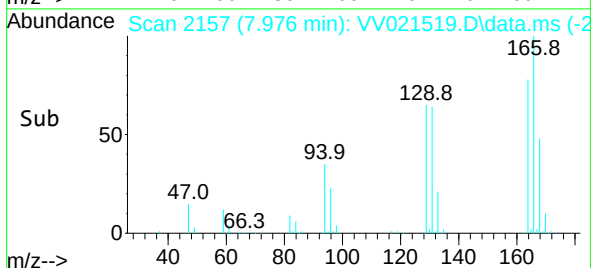
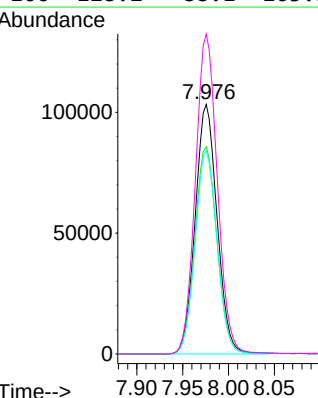
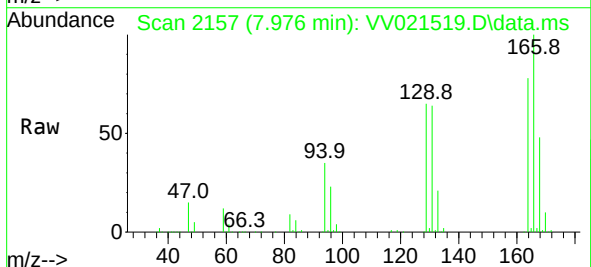
Ion Ratio Lower Upper

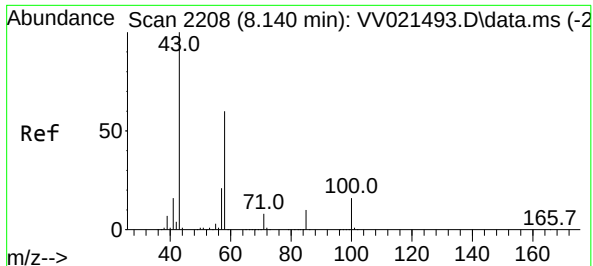
164 100

129 83.0 60.5 112.3

131 81.4 58.7 108.9

166 128.2 88.1 163.5



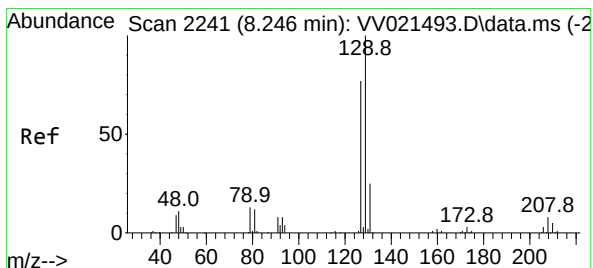
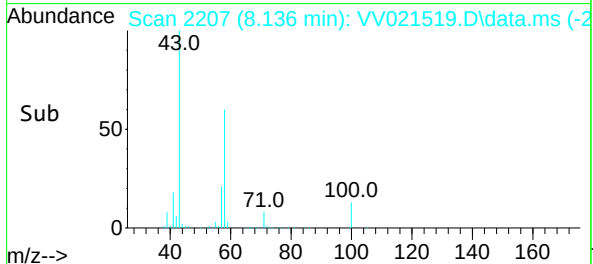
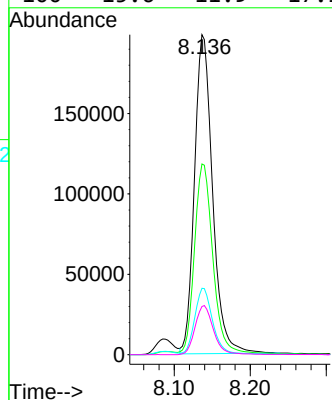
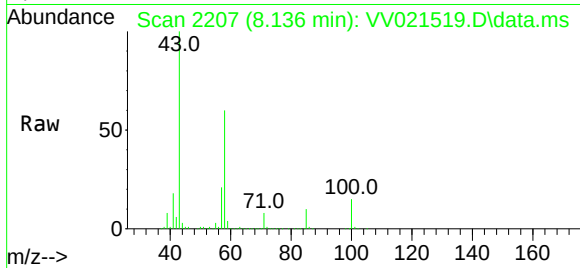


#48
2-Hexanone
Concen: 94.861 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 328665

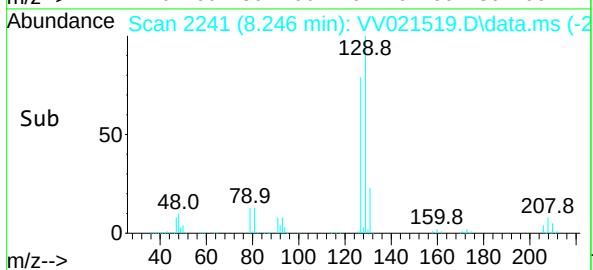
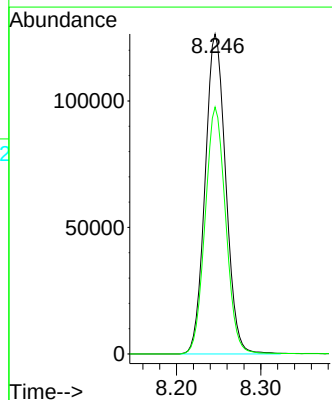
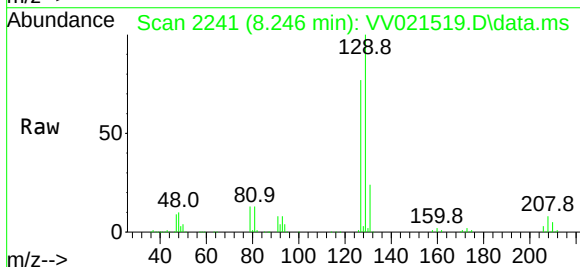
Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.1	70.7
57	20.2	16.0	24.0
100	15.6	11.9	17.9

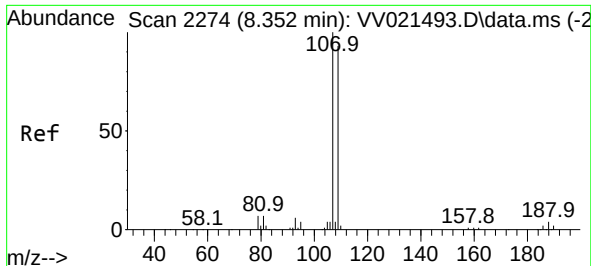


#49
Dibromochloromethane
Concen: 50.904 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 129 Resp: 215544

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.0	98.4





#50

1,2-Dibromoethane

Concen: 49.948 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

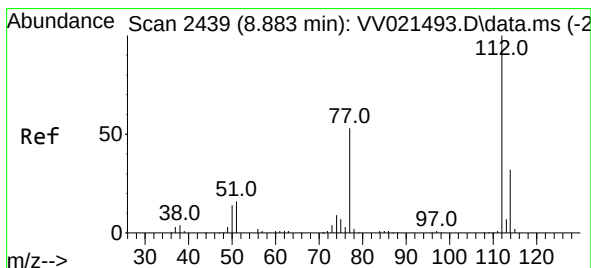
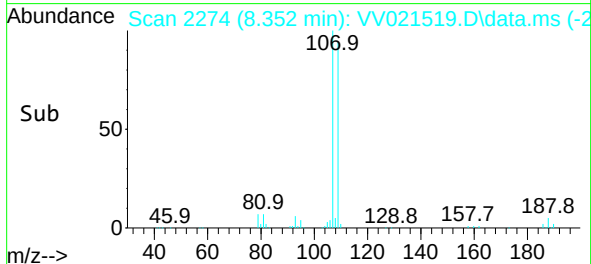
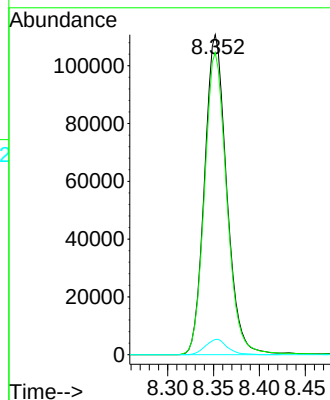
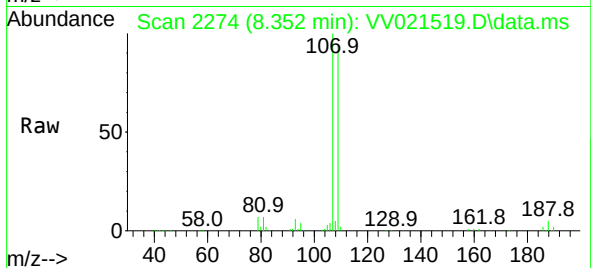
Tgt Ion:107 Resp: 185894

Ion Ratio Lower Upper

107 100

109 94.4 66.7 123.9

188 4.8 3.8 5.8



#51

Chlorobenzene

Concen: 50.429 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV021519.D

Acq: 07 Jun 2021 10:44

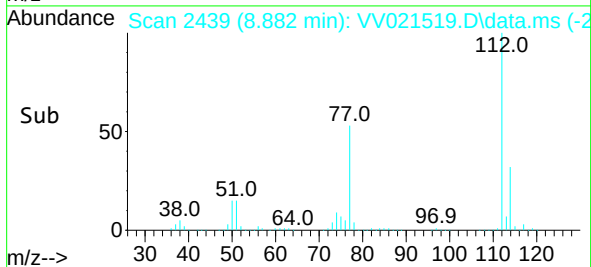
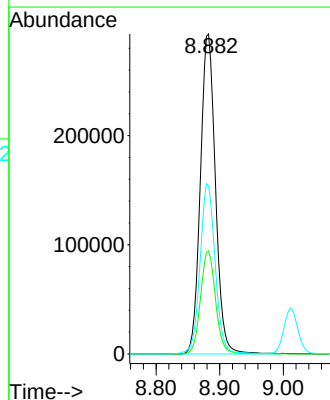
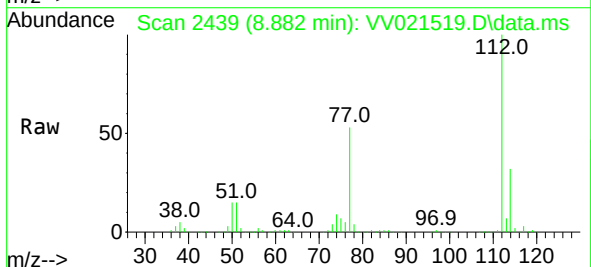
Tgt Ion:112 Resp: 483306

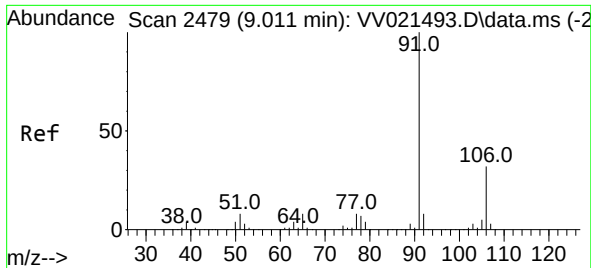
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.9

77 52.6 43.8 65.6

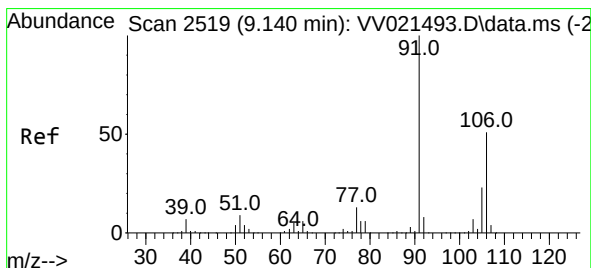
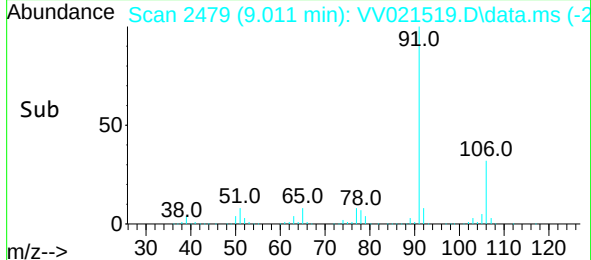
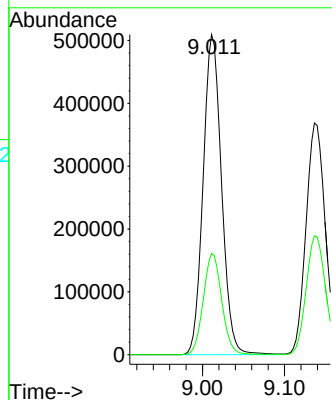
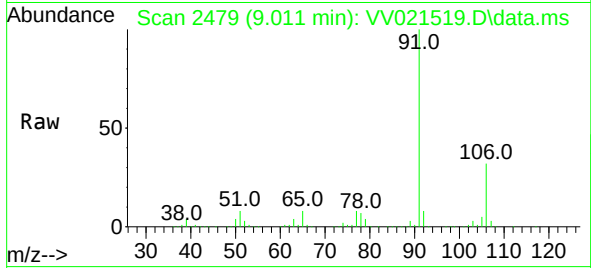




#52
Ethylbenzene
Concen: 49.803 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

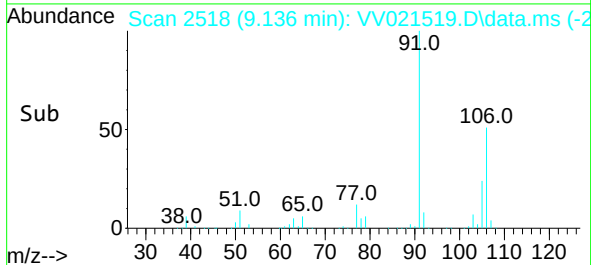
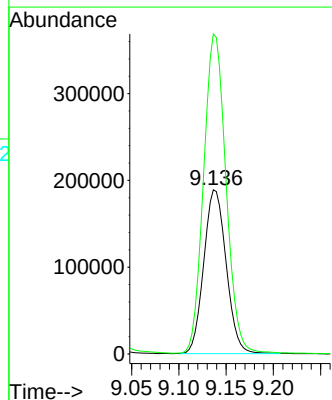
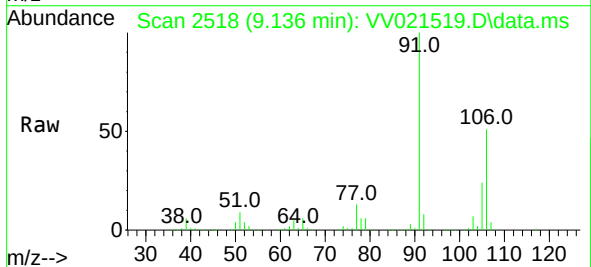
Instrument :
MSVOA_V
ClientSampleId :

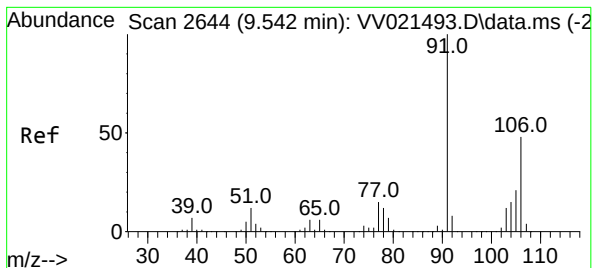
Tgt Ion: 91 Resp: 792948
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 50.903 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 106 Resp: 311405
Ion Ratio Lower Upper
106 100
91 194.9 139.4 258.8





#54

o-Xylene

Concen: 50.566 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. -0.000 min

Lab File: VV021519.D

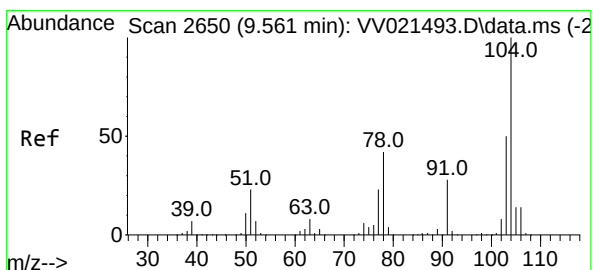
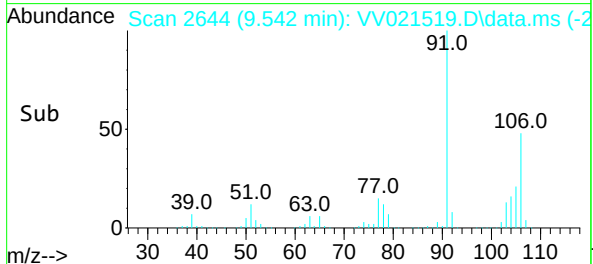
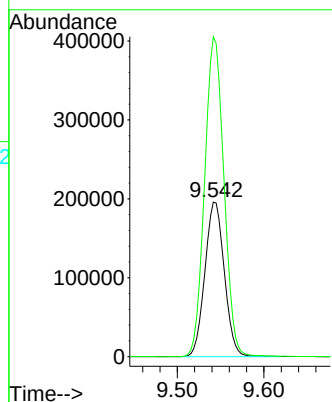
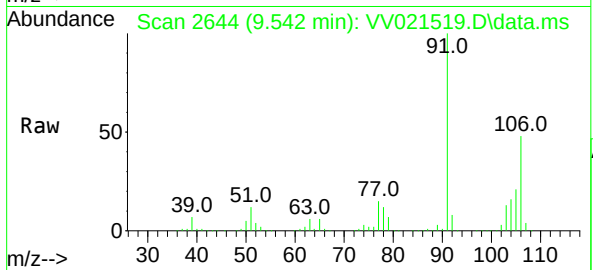
Acq: 07 Jun 2021 10:44

Tgt Ion:106 Resp: 305436

Ion Ratio Lower Upper

106 100

91 207.0 148.5 275.9



#55

Styrene

Concen: 50.012 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. -0.000 min

Lab File: VV021519.D

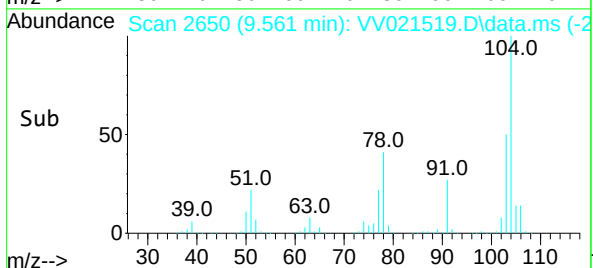
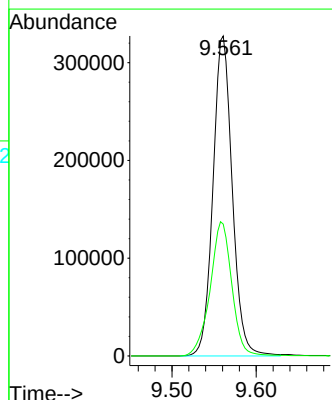
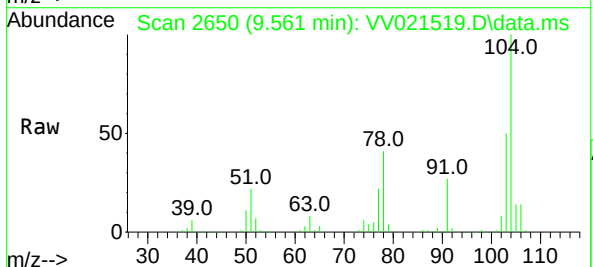
Acq: 07 Jun 2021 10:44

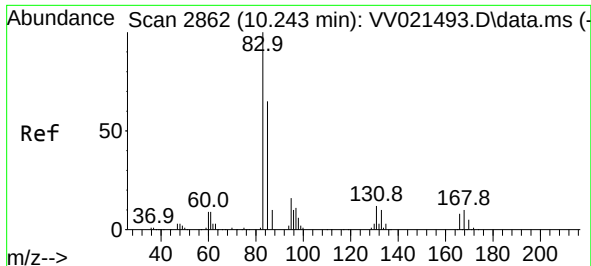
Tgt Ion:104 Resp: 519912

Ion Ratio Lower Upper

104 100

78 41.2 30.3 56.3

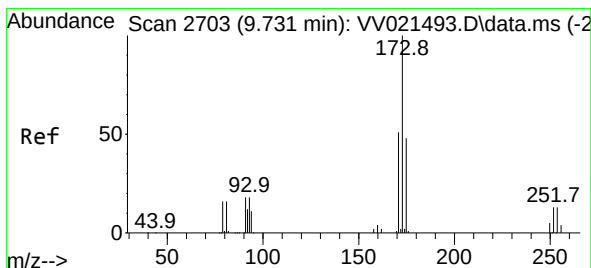
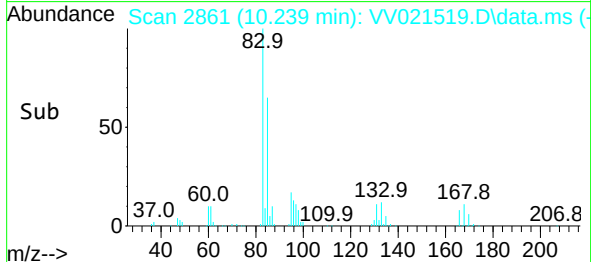
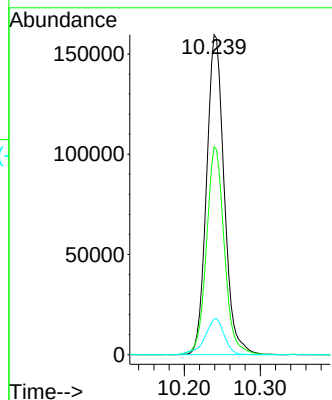
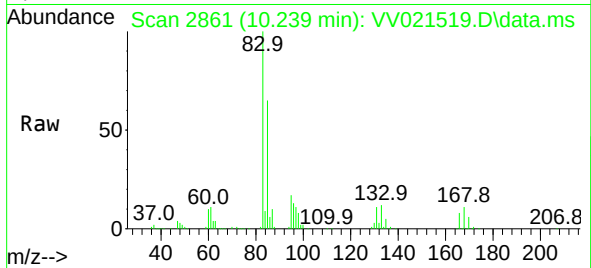




#57
1,1,2,2-Tetrachloroethane
Concen: 48.695 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

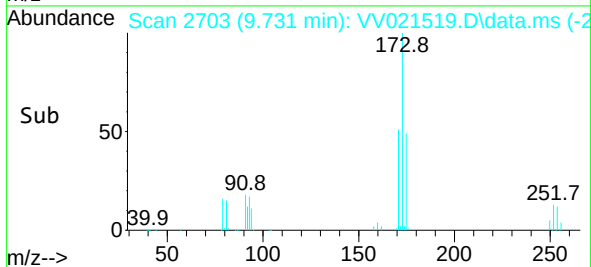
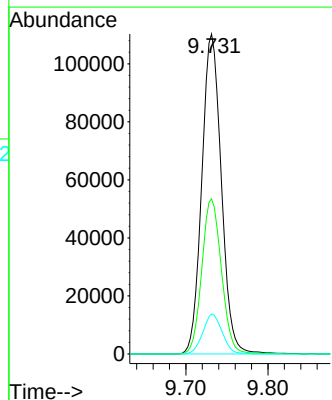
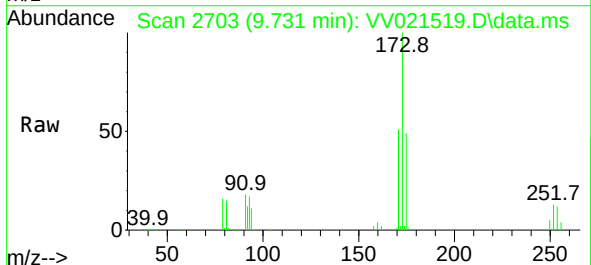
Instrument :
MSVOA_V
ClientSampleId :

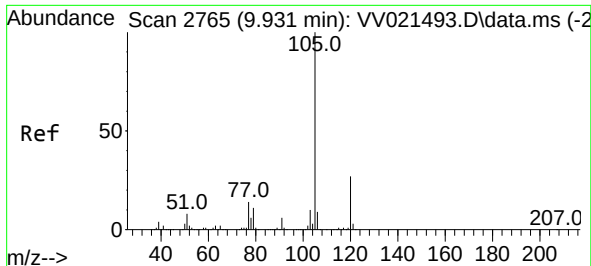
Tgt Ion: 83 Resp: 257034
Ion Ratio Lower Upper
83 100
85 64.9 45.8 85.2
131 11.2 8.7 13.1



#59
Bromoform
Concen: 49.857 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 173 Resp: 182240
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 12.3 9.8 14.8

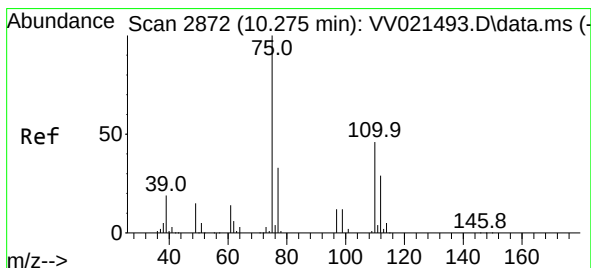
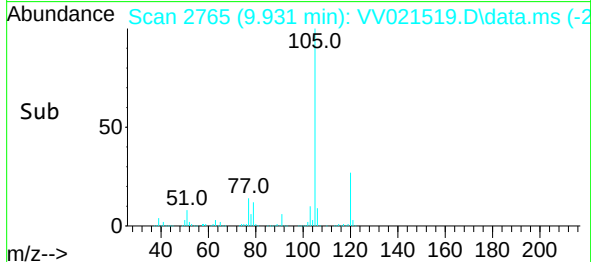
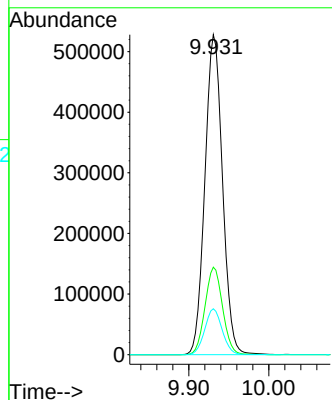
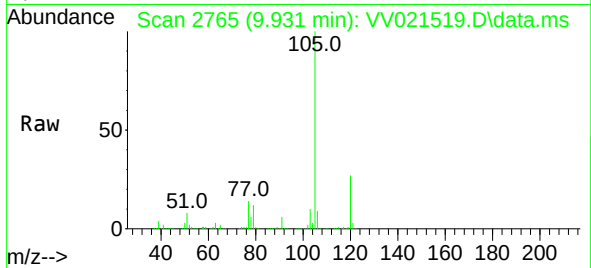




#60
Isopropylbenzene
Concen: 48.246 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

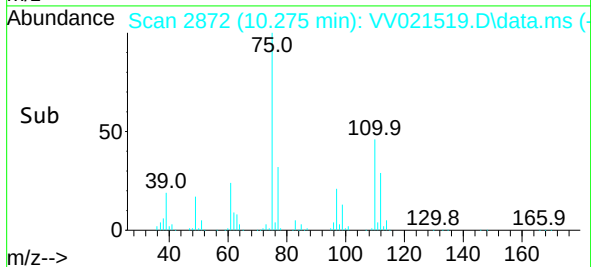
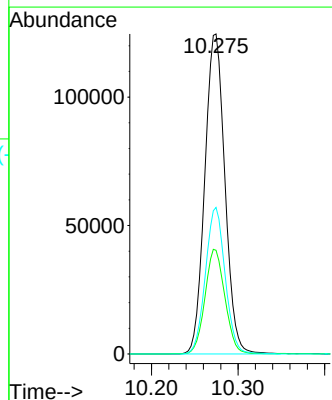
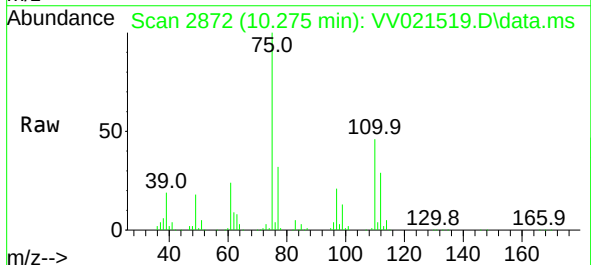
Instrument :
MSVOA_V
ClientSampled :

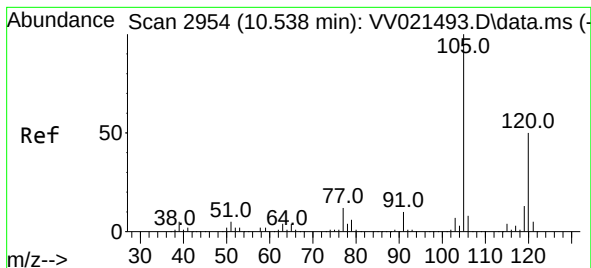
Tgt Ion:105 Resp: 809911
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 14.2 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 47.285 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 75 Resp: 201276
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 44.9 34.8 52.2

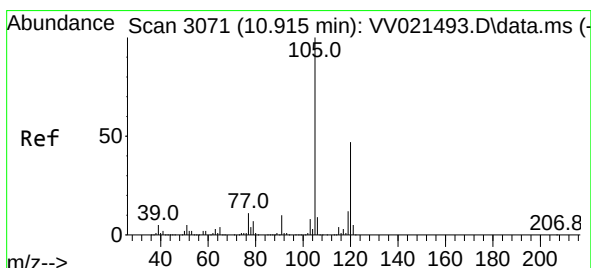
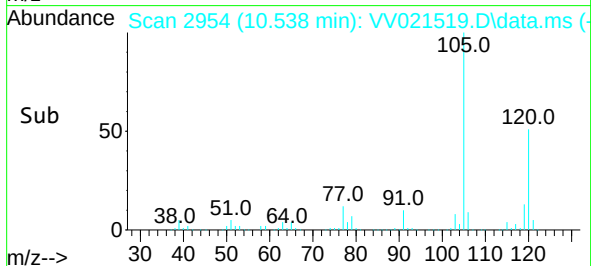
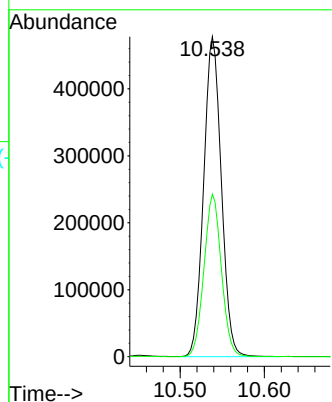
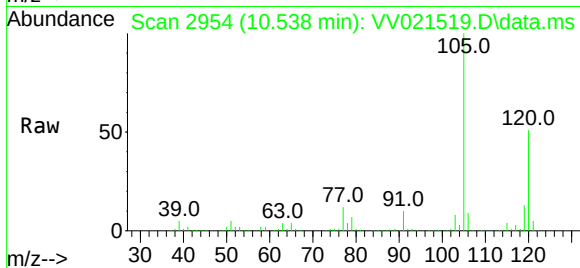




#62
1,3,5-Trimethylbenzene
Concen: 48.294 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

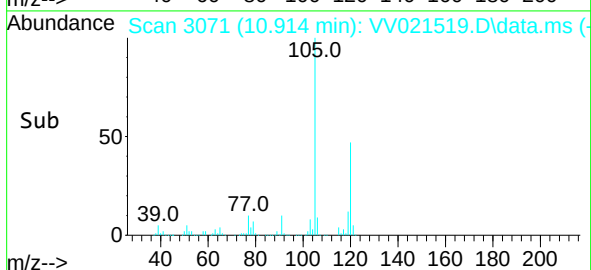
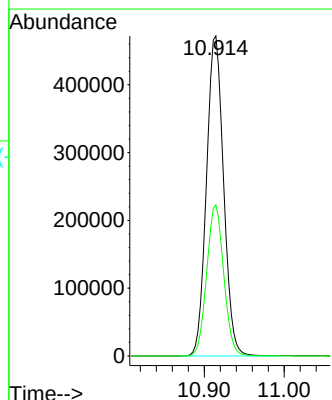
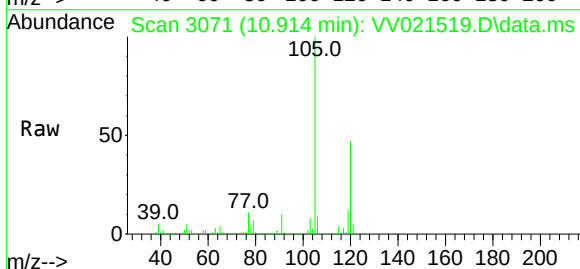
Instrument :
MSVOA_V
ClientSampled :

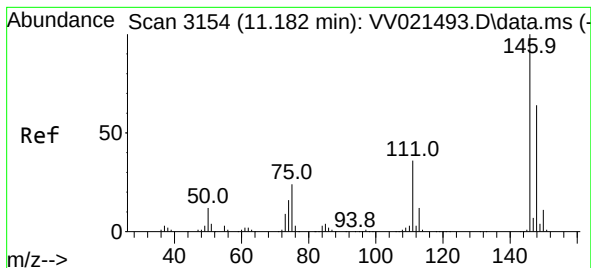
Tgt Ion:105 Resp: 697936
Ion Ratio Lower Upper
105 100
120 50.1 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 48.144 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion:105 Resp: 702850
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.4

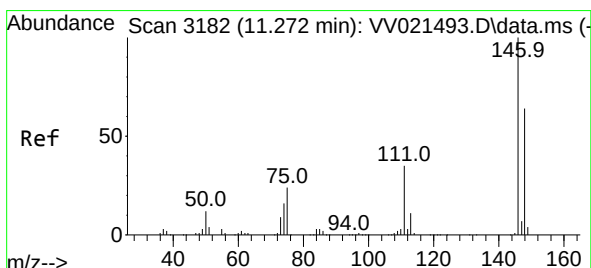
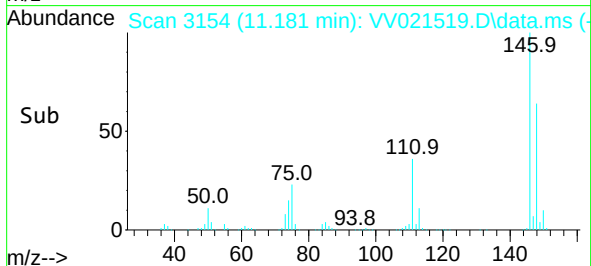
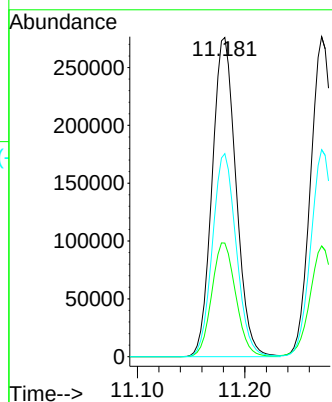
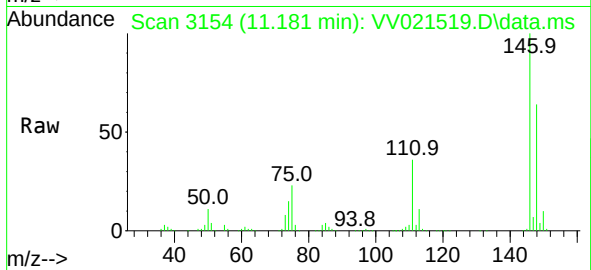




#64
1,3-Dichlorobenzene
Concen: 50.280 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

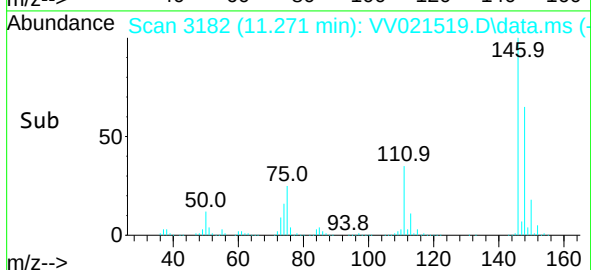
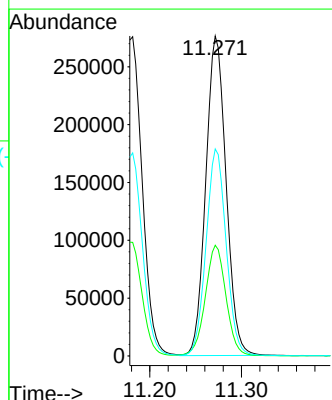
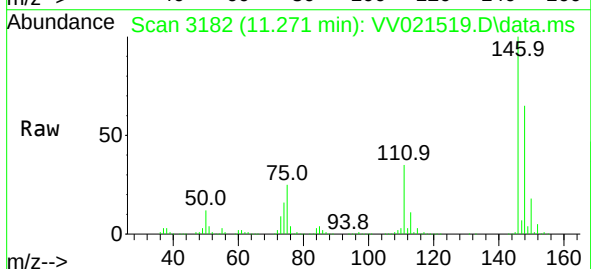
Instrument :
MSVOA_V
ClientSampleId :

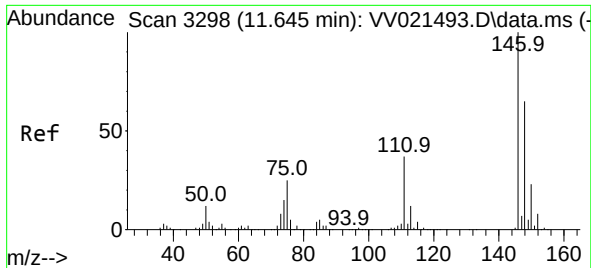
Tgt Ion:146 Resp: 426335
Ion Ratio Lower Upper
146 100
111 35.6 26.0 48.2
148 63.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 49.634 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion:146 Resp: 424909
Ion Ratio Lower Upper
146 100
111 34.6 25.4 47.2
148 64.7 45.4 84.4

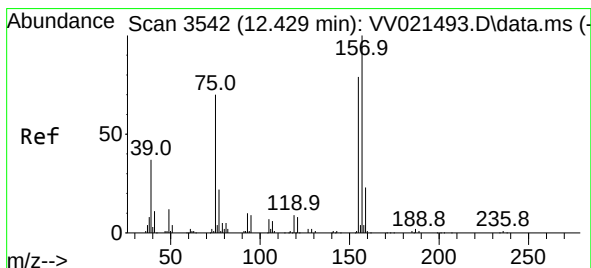
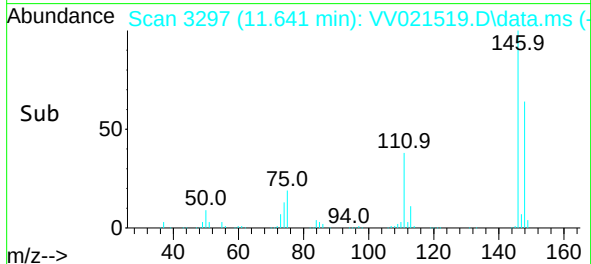
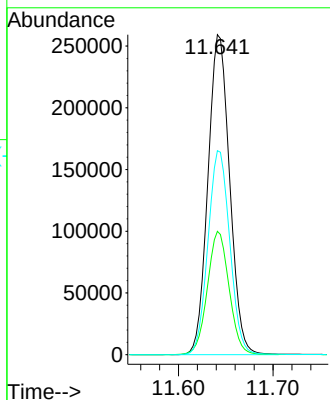
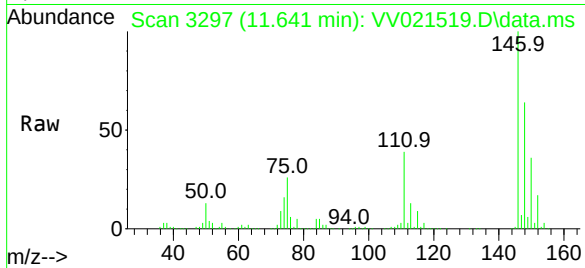




#67
1,2-Dichlorobenzene
Concen: 48.755 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

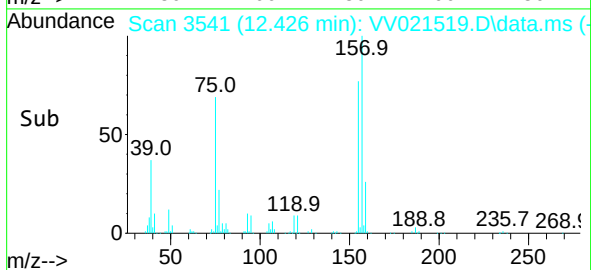
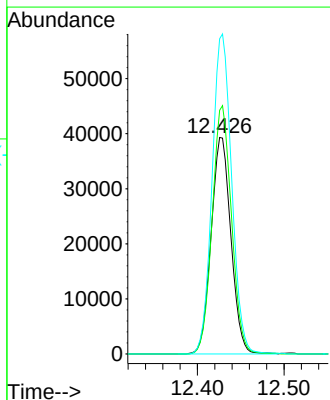
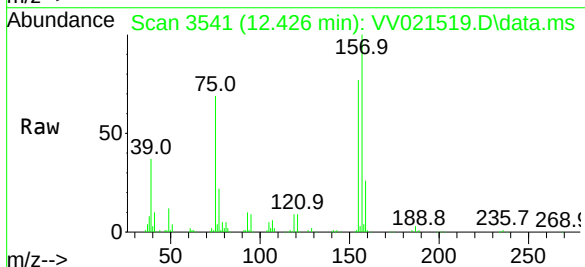
Instrument :
MSVOA_V
ClientSampleId :

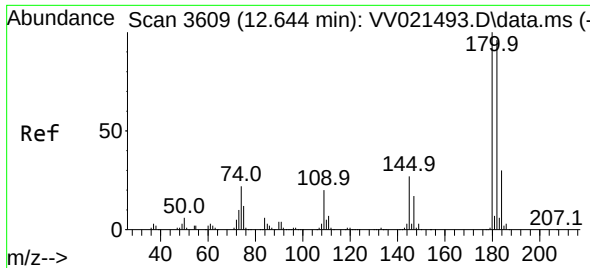
Tgt Ion:146 Resp: 413937
Ion Ratio Lower Upper
146 100
111 38.6 30.8 46.2
148 63.8 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 47.047 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion: 75 Resp: 62388
Ion Ratio Lower Upper
75 100
155 112.6 89.7 134.5
157 145.6 113.2 169.8

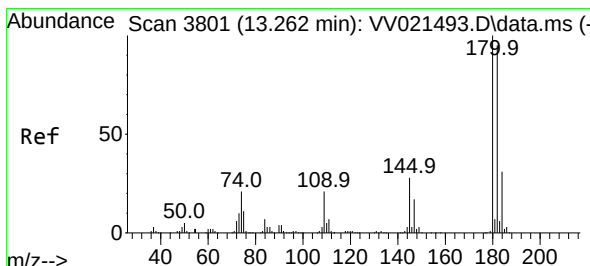
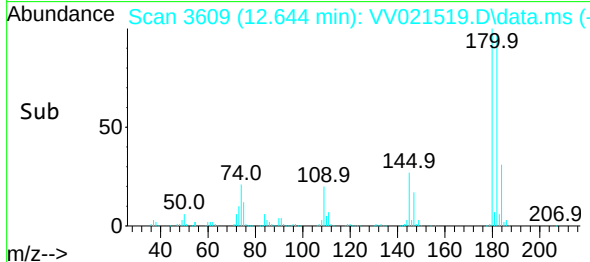
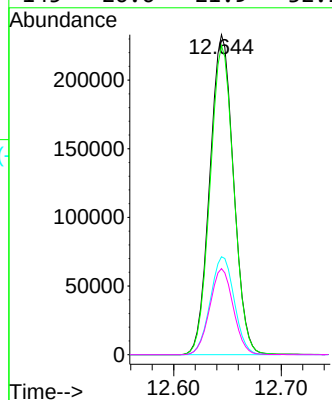
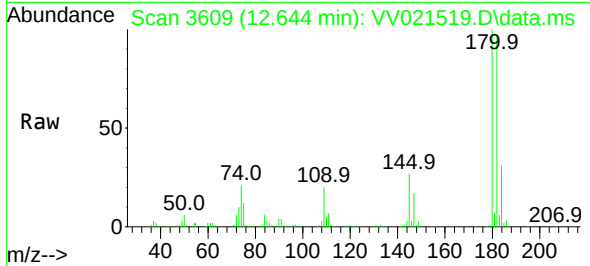




#69
1,3,5-Trichlorobenzene
Concen: 49.948 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

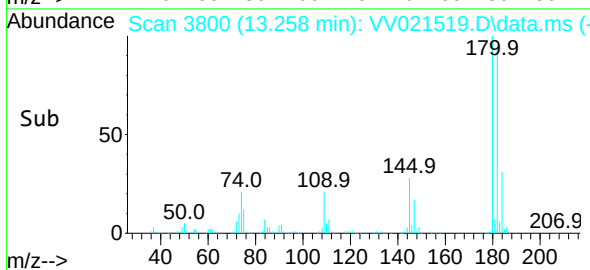
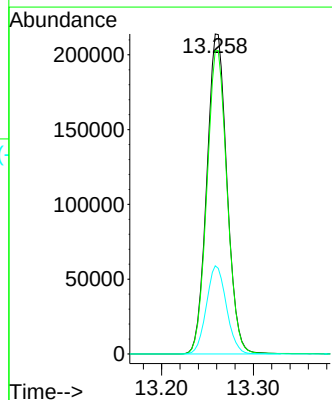
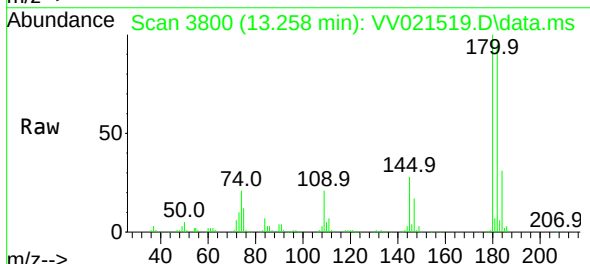
Instrument :
MSVOA_V
ClientSampleId :

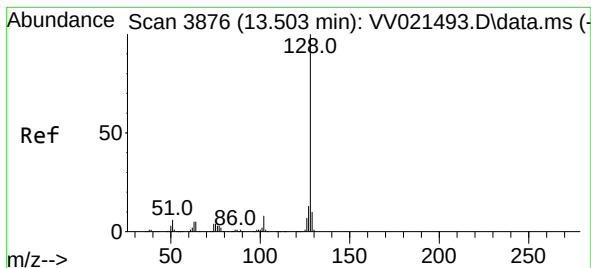
Tgt Ion:180	Resp:	357284
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.8 115.2
184	31.0	24.3 36.5
145	26.6	21.9 32.9



#70
1,2,4-trichlorobenzene
Concen: 51.128 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion:180	Resp:	326728
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.2 114.4
145	27.3	21.8 32.8

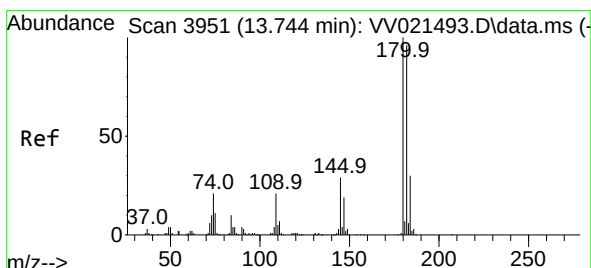
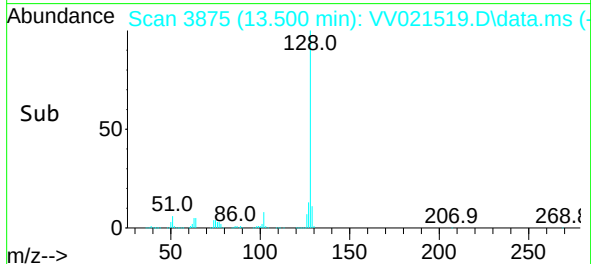
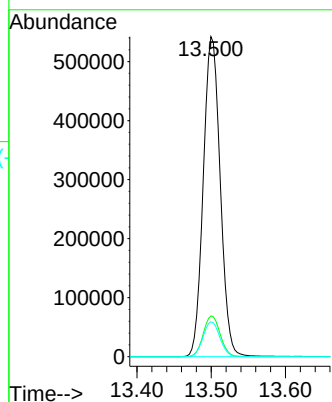
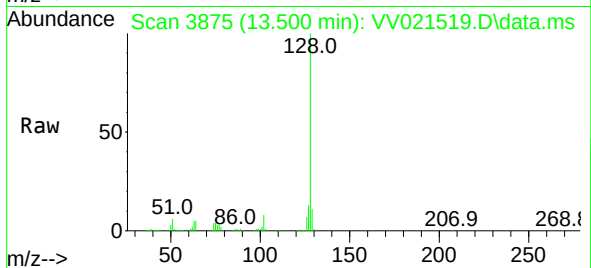




#71
Naphthalene
Concen: 48.680 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 858073
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 50.465 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021519.D
Acq: 07 Jun 2021 10:44

Tgt Ion:180 Resp: 313903
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 29.3 24.0 36.0

