

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022462.D
 Acq On : 05 Jun 2021 11:26
 Operator : JC/MD
 Sample : M2580-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:21:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

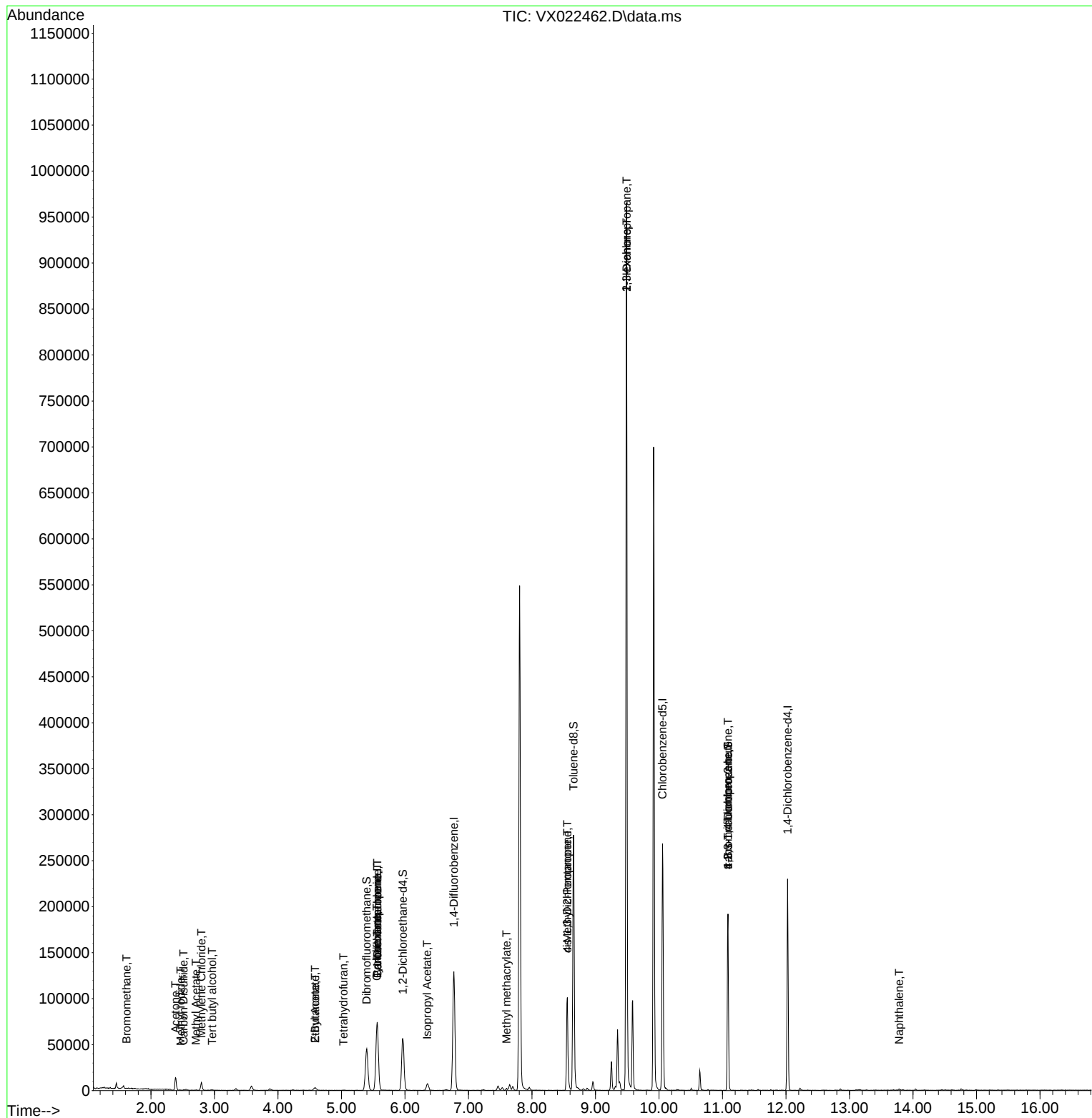
Internal Standards						
1) Pentafluorobenzene	5.562	168	63216	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53245	54.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.200%	
35) Dibromofluoromethane	5.397	113	38482	47.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.200%	
50) Toluene-d8	8.653	98	158333	50.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.085	95	53673	46.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	151	0.295	ug/l	# 2
10) Methyl Iodide	2.465	142	234	0.291	ug/l	# 89
11) Tert butyl alcohol	2.965	59	620	2.780	ug/l	# 73
16) Acetone	2.386	43	14598	34.380	ug/l	96
17) Carbon Disulfide	2.514	76	742	0.391	ug/l	# 75
18) Methyl Acetate	2.709	43	537	0.476	ug/l	# 86
20) Methylene Chloride	2.794	84	3395	3.601	ug/l	# 94
25) 2-Butanone	4.587	43	3262	4.749	ug/l	# 86
29) Tetrahydrofuran	5.032	42	278	0.680	ug/l	# 27
31) Cyclohexane	5.556	56	1935	1.579	ug/l	# 18
36) 1,1-Dichloropropene	5.562	75	6455	5.418	ug/l	# 49
37) Ethyl Acetate	4.587	43	3262	2.234	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7253	6.224	ug/l	# 16
43) Isopropyl Acetate	6.349	43	10515	4.402	ug/l	# 90
48) Methyl methacrylate	7.598	41	2863	2.601	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	36176	25.282	ug/l	# 46
54) cis-1,3-Dichloropropene	8.555	75	16530	10.493	ug/l	# 60
57) 1,3-Dichloropropane	9.488	76	7980	4.960	ug/l	# 42
59) 2-Hexanone	9.488	43	109793	102.020	ug/l	# 45
76) 1,2,3-Trichloropropane	11.085	75	29059	28.840	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29059	68.333	ug/l	# 12
95) Naphthalene	13.780	128	1128	0.353	ug/l	# 88

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

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Quant Time: Jun 07 03:21:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

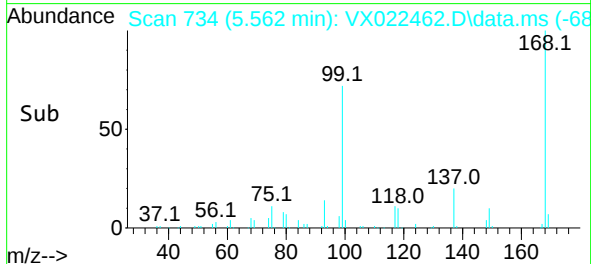
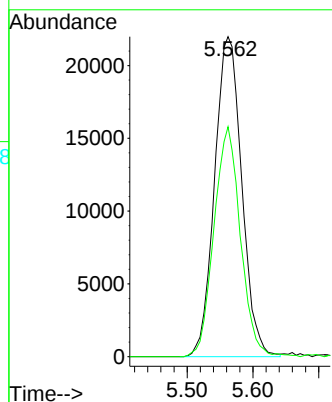
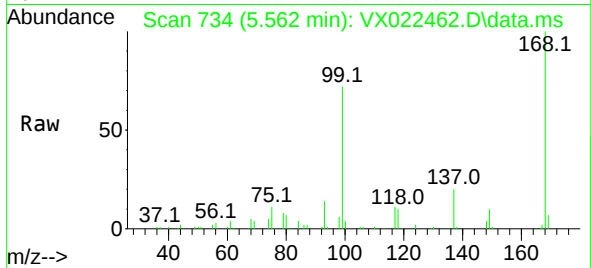




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

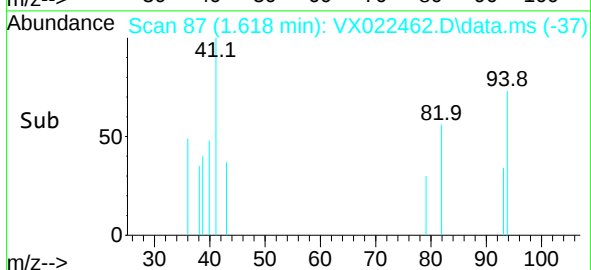
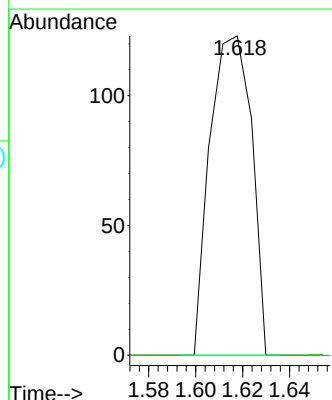
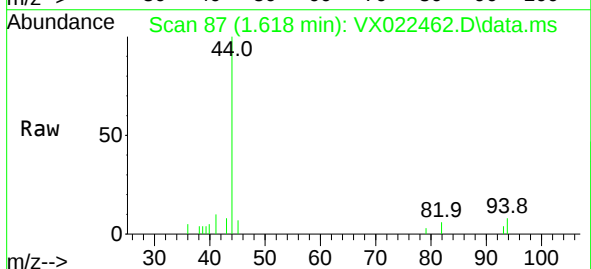
Instrument :
MSVOA_X
ClientSampled :

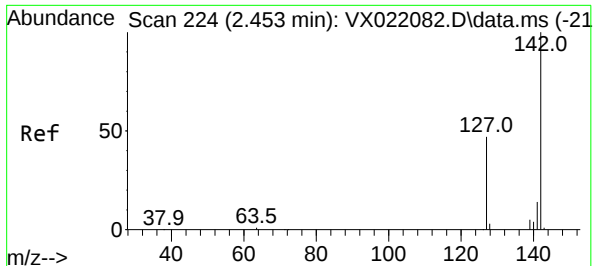
Tgt Ion:168 Resp: 63216
Ion Ratio Lower Upper
168 100
99 71.9 45.8 68.6#



#5
Bromomethane
Concen: 0.295 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

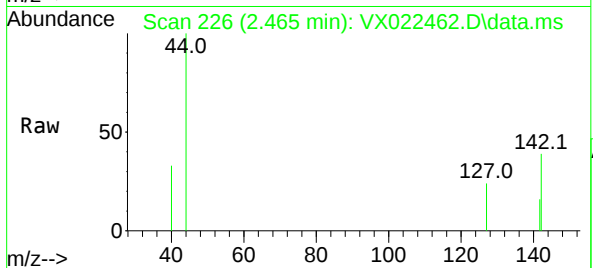
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



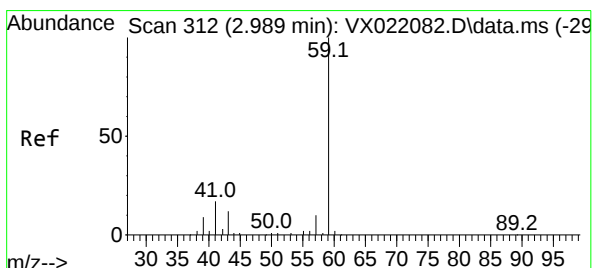
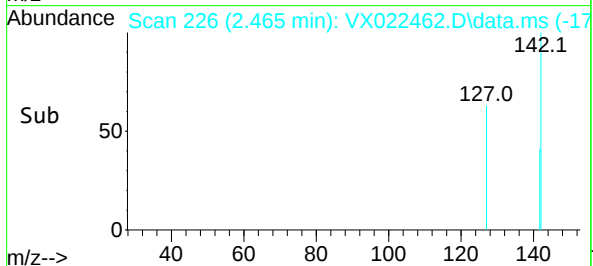
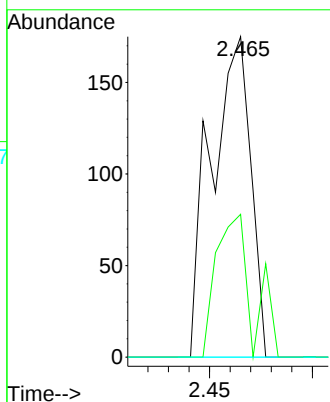


#10
Methyl Iodide
Concen: 0.291 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Instrument :
MSVOA_X
ClientSampleId :

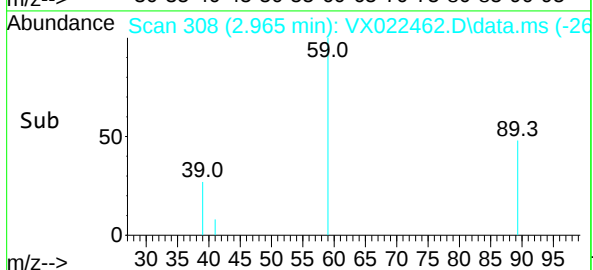
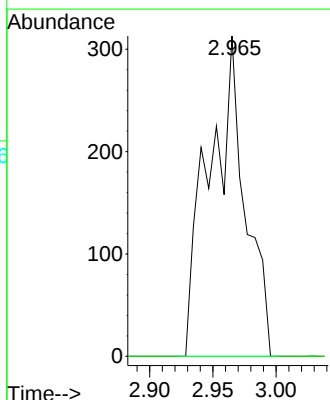
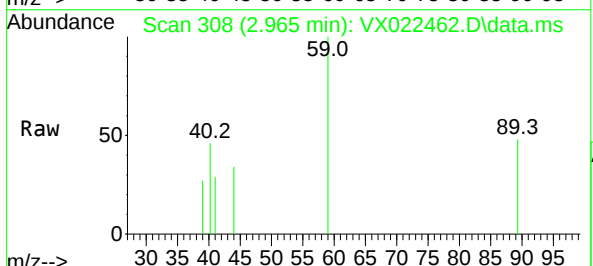


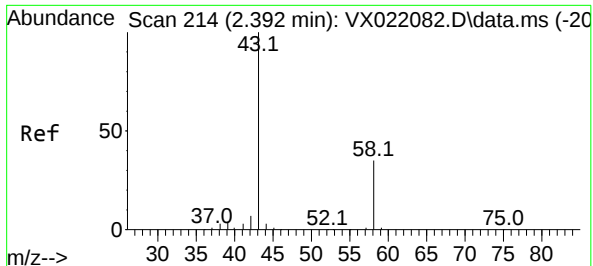
Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 40.2 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.780 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 59 Resp: 620
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

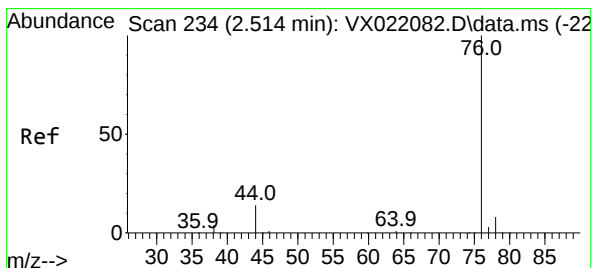
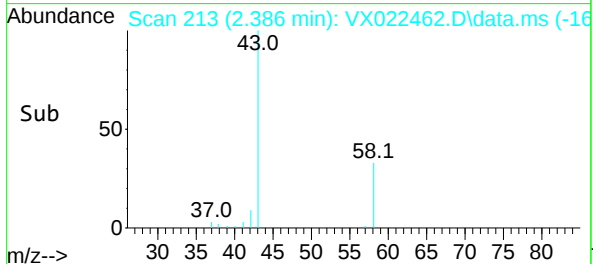
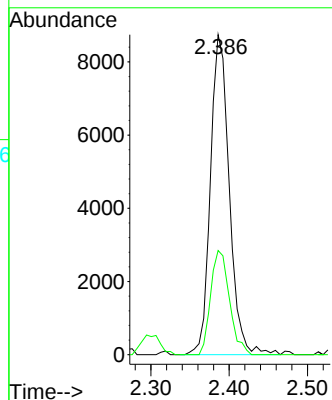
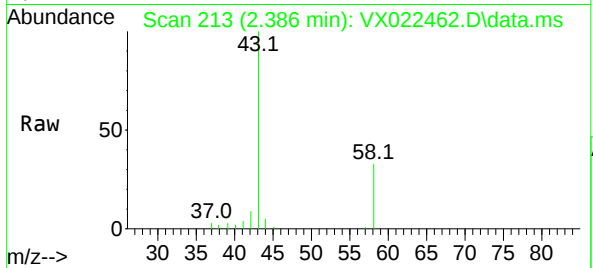




#16
Acetone
Concen: 34.380 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

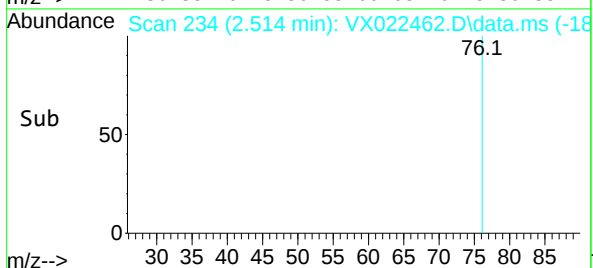
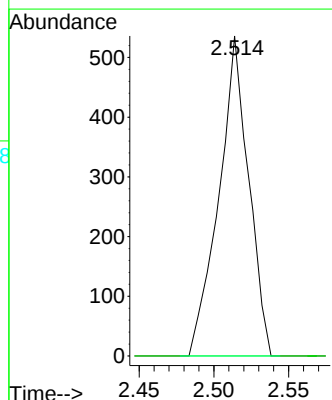
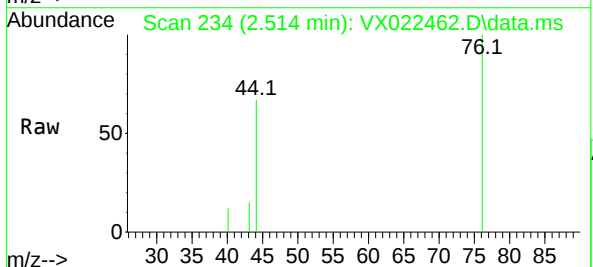
Instrument :
MSVOA_X
ClientSampled :

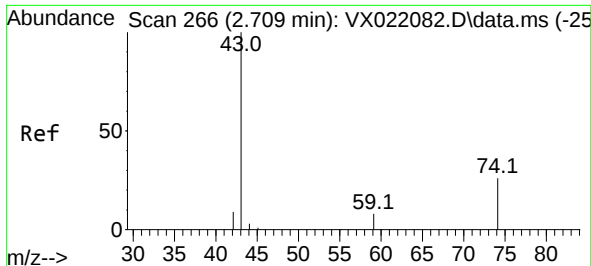
Tgt Ion: 43 Resp: 14598
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.391 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

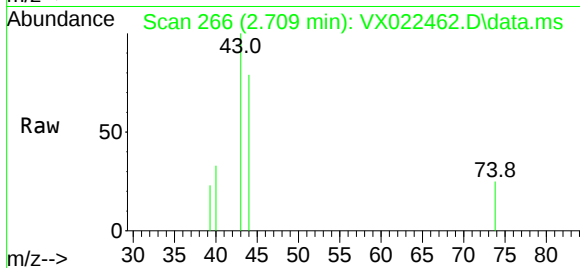
Tgt Ion: 76 Resp: 742
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



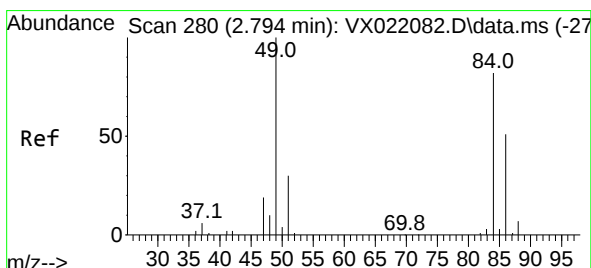
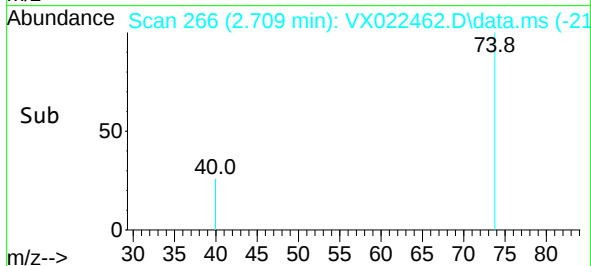
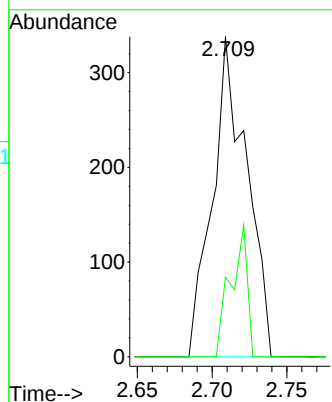


#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

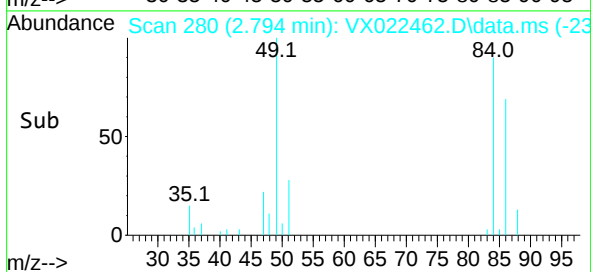
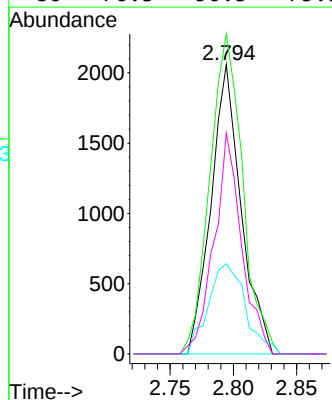
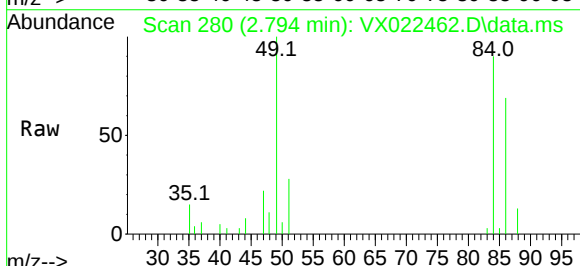


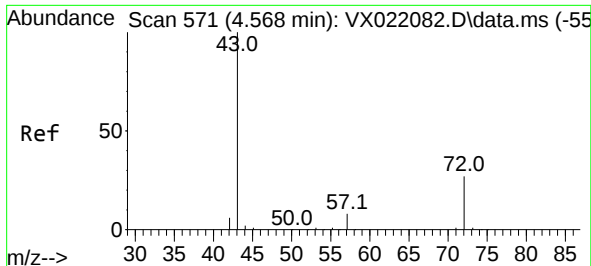
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
74 20.1 21.9 32.9#



#20
Methylene Chloride
Concen: 3.601 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 84 Resp: 3395
Ion Ratio Lower Upper
84 100
49 110.6 88.6 132.8
51 31.2 27.0 40.6
86 76.3 50.3 75.5#

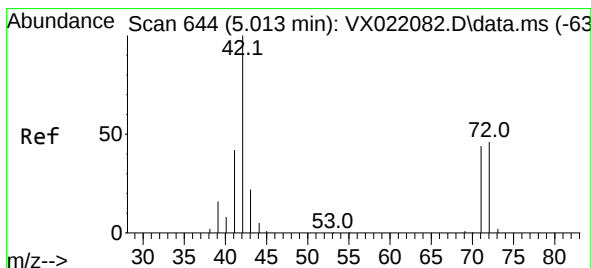
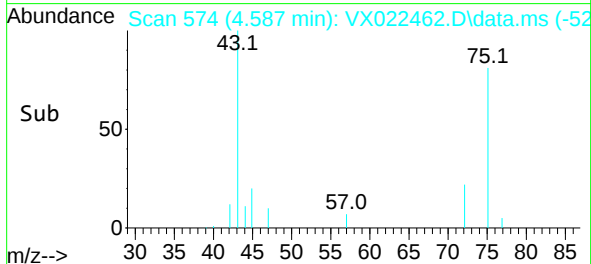
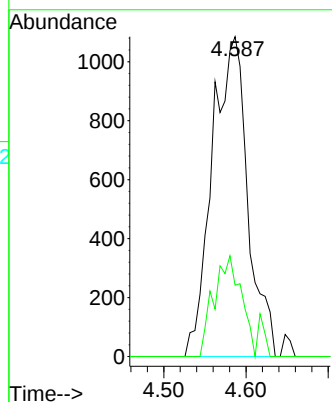
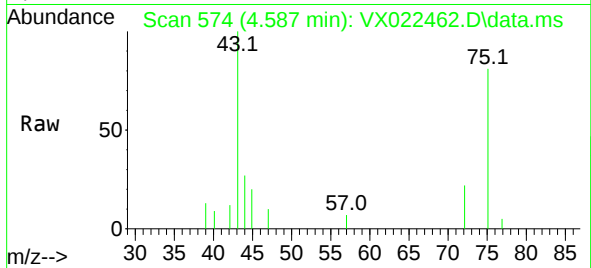




#25
2-Butanone
Concen: 4.749 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

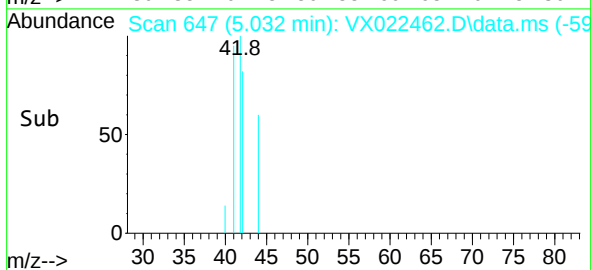
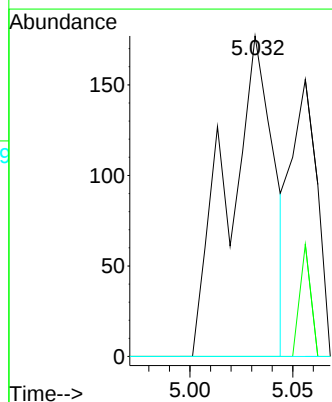
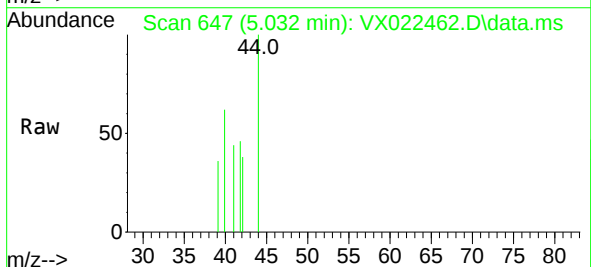
Instrument :
MSVOA_X
ClientSampled :

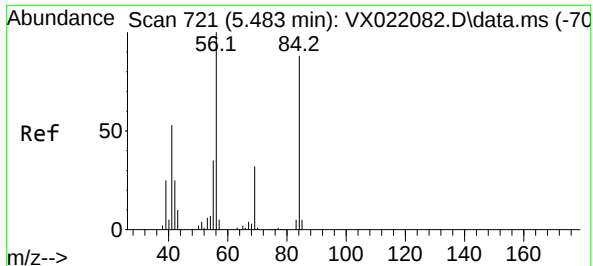
Tgt Ion: 43 Resp: 3262
Ion Ratio Lower Upper
43 100
72 22.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.680 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

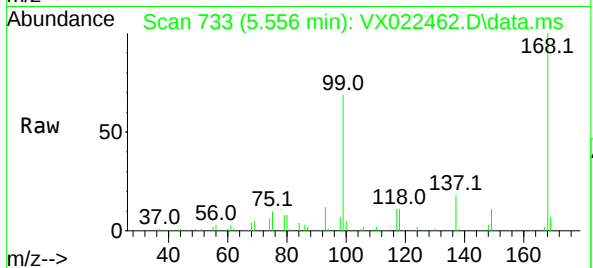
Tgt Ion: 42 Resp: 278
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



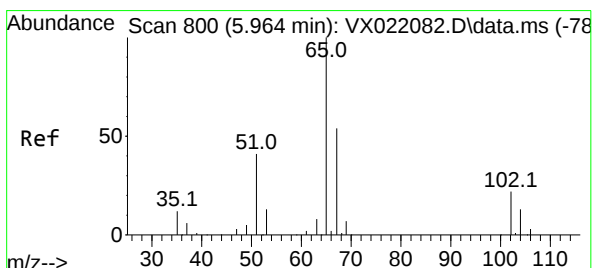
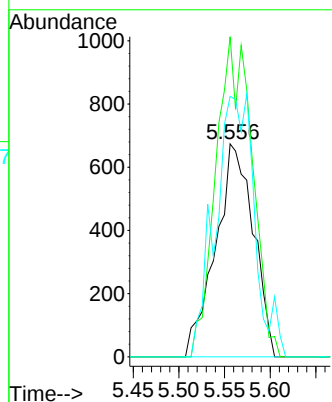
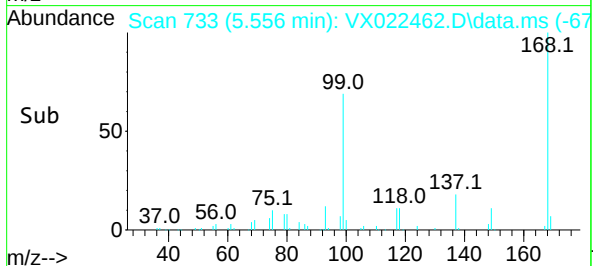


#31
Cyclohexane
Concen: 1.579 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

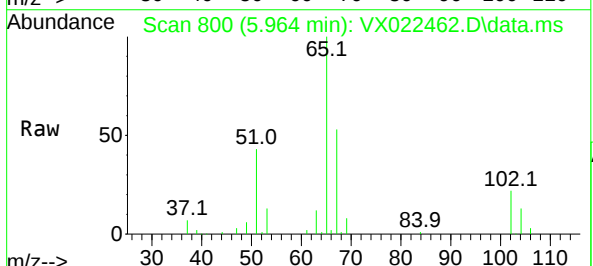
Instrument :
MSVOA_X
ClientSampleId :



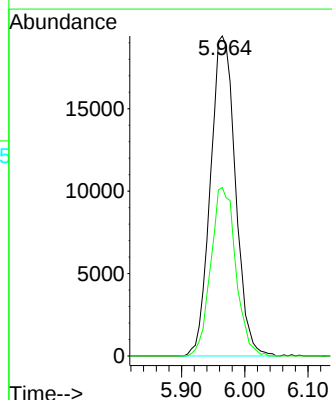
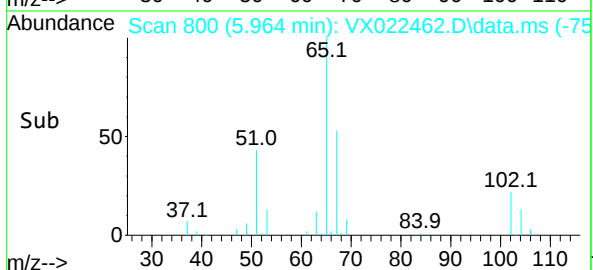
Tgt Ion: 56 Resp: 1935
Ion Ratio Lower Upper
56 100
69 150.3 25.3 37.9#
84 122.3 71.4 107.0#

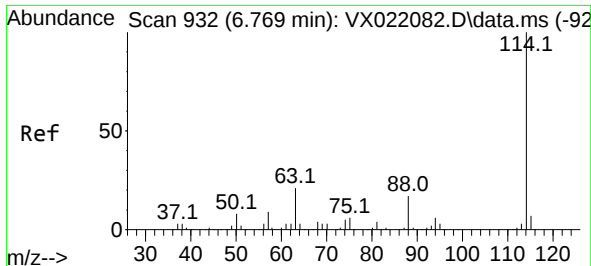


#33
1,2-Dichloroethane-d4
Concen: 54.602 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26



Tgt Ion: 65 Resp: 53245
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

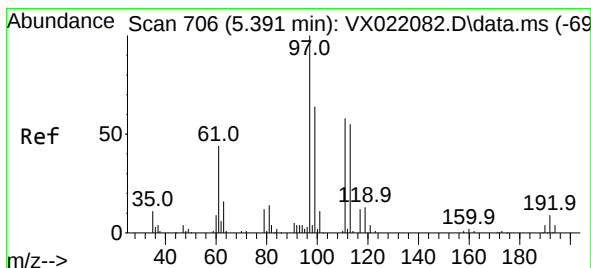
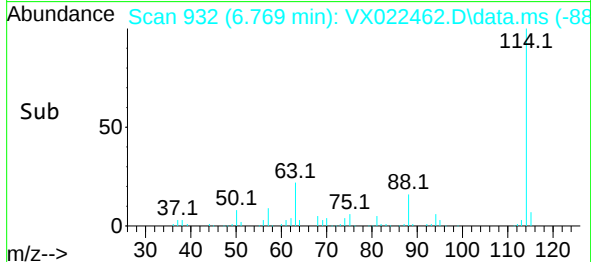
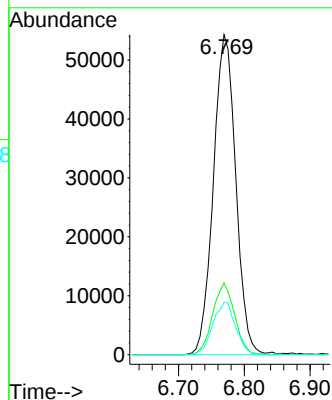
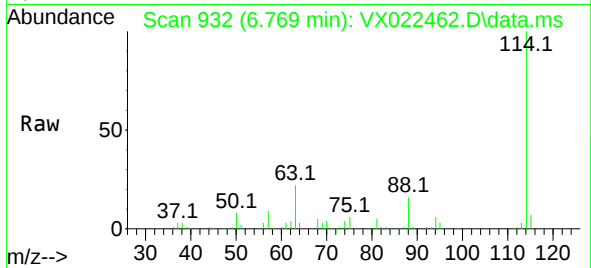




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

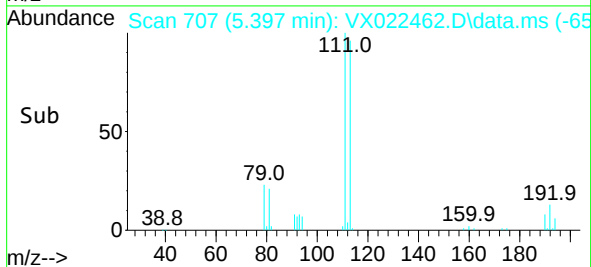
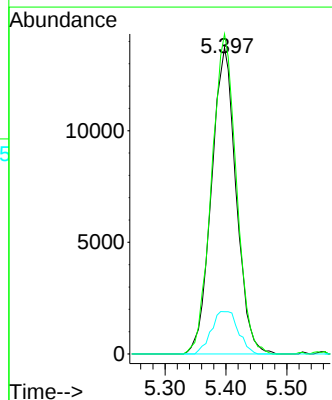
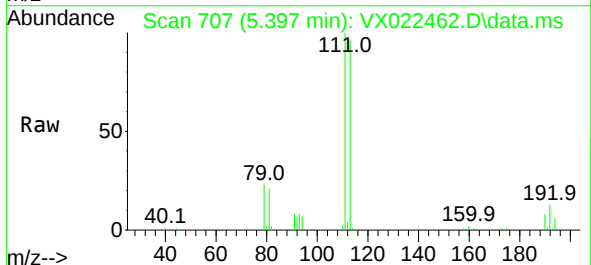
Instrument :
MSVOA_X
ClientSampled :

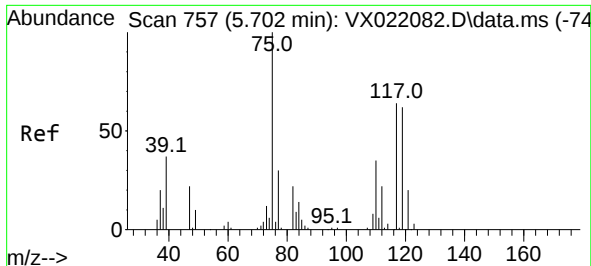
Tgt Ion:114 Resp: 128838
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.100 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion:113 Resp: 38482
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 15.1 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.418 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022462.D

Acq: 05 Jun 2021 11:26

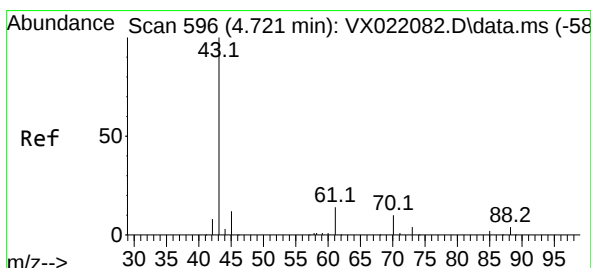
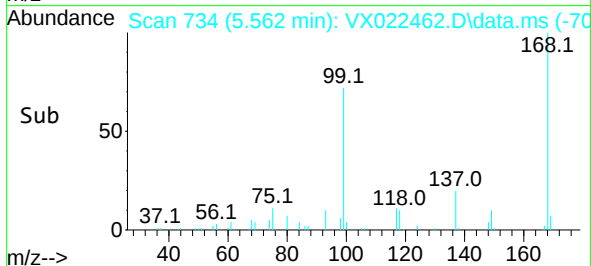
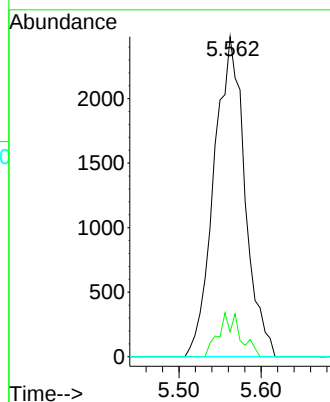
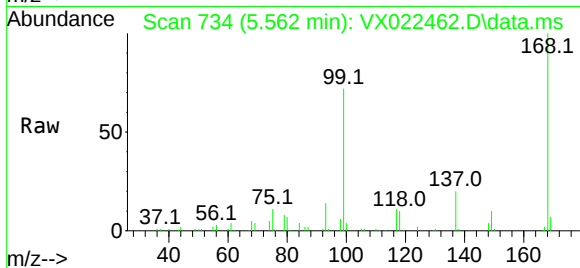
Tgt Ion: 75 Resp: 6455

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.234 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.134 min

Lab File: VX022462.D

Acq: 05 Jun 2021 11:26

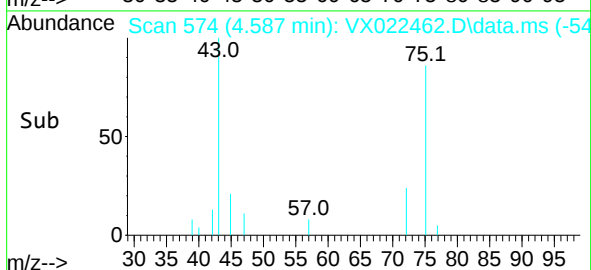
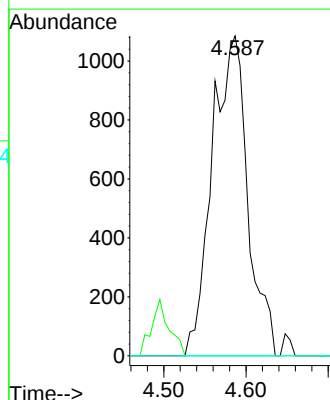
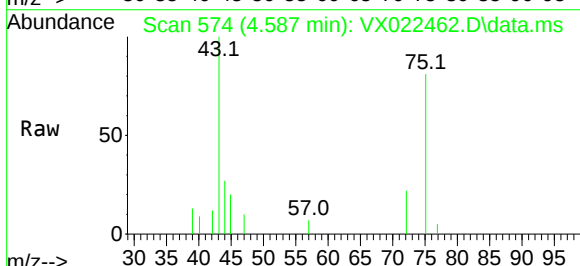
Tgt Ion: 43 Resp: 3262

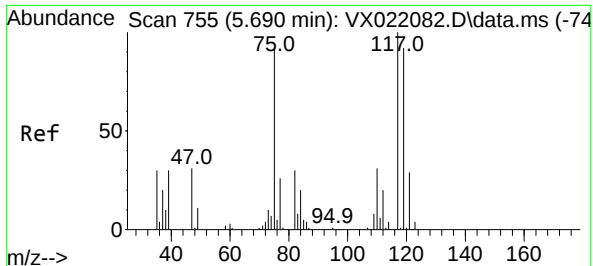
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

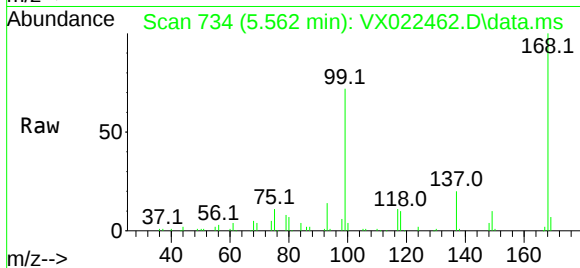
70 0.0 10.5 15.7#



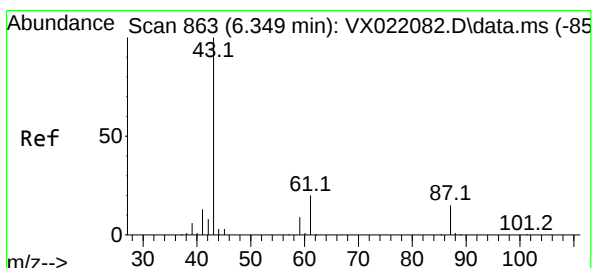
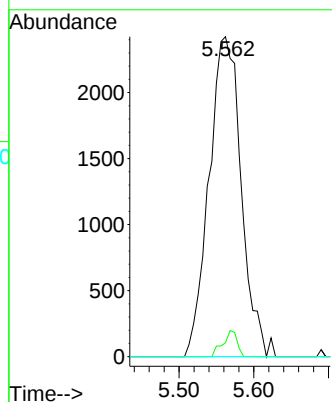
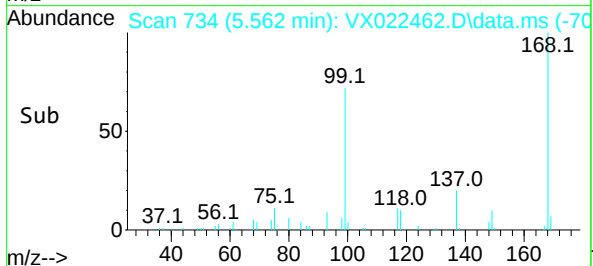


#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

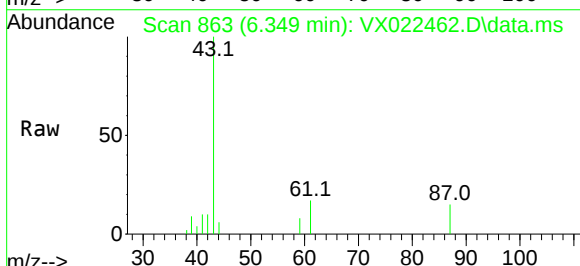
Instrument :
MSVOA_X
ClientSampled :



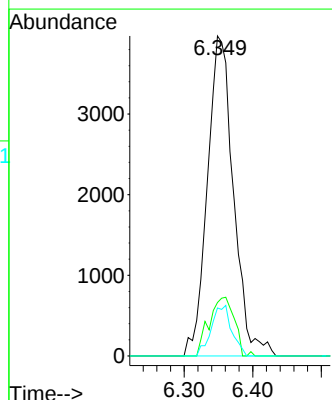
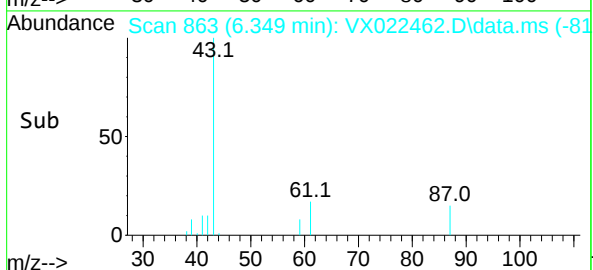
Tgt Ion:117 Resp: 7253
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

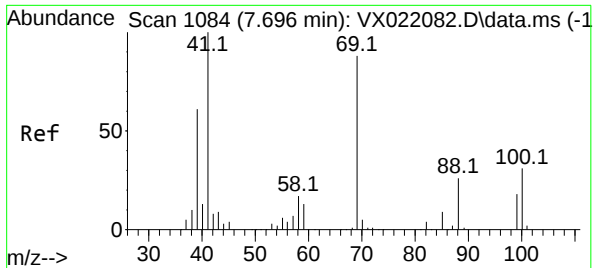


#43
Isopropyl Acetate
Concen: 4.402 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26



Tgt Ion: 43 Resp: 10515
Ion Ratio Lower Upper
43 100
61 17.4 18.2 27.4#
87 12.4 12.5 18.7#

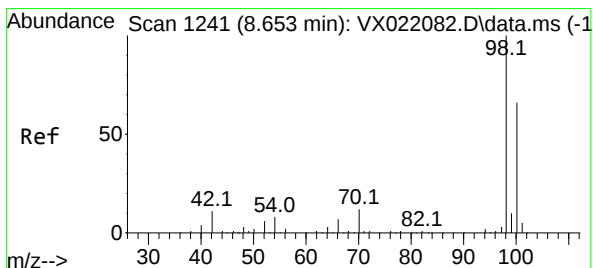
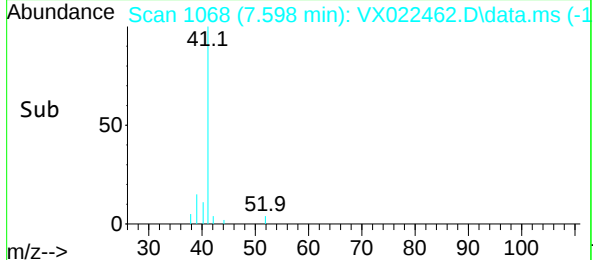
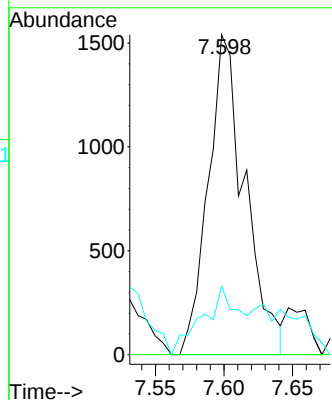
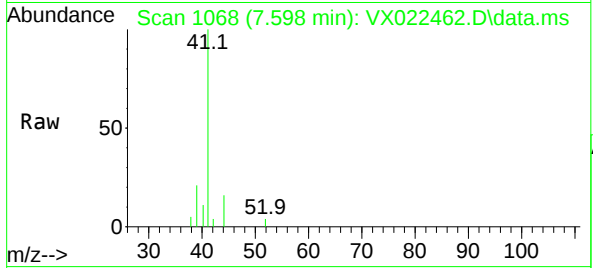




#48
Methyl methacrylate
Concen: 2.601 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

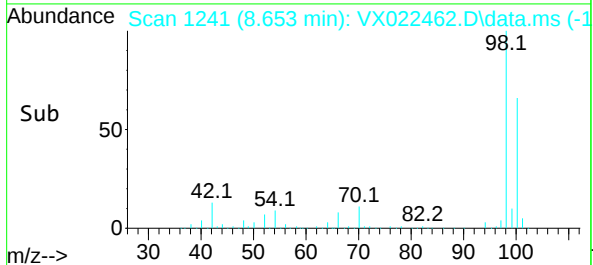
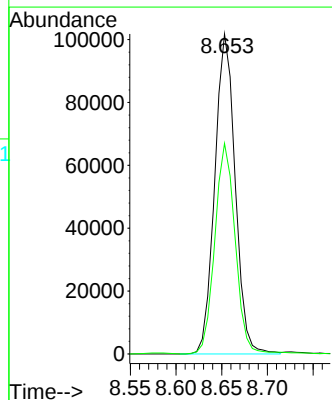
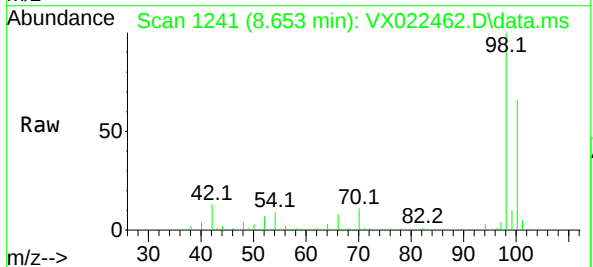
Instrument :
MSVOA_X
ClientSampleId :

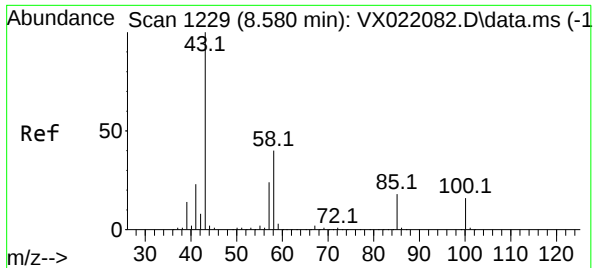
Tgt Ion: 41 Resp: 2863
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.308 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 98 Resp: 158333
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

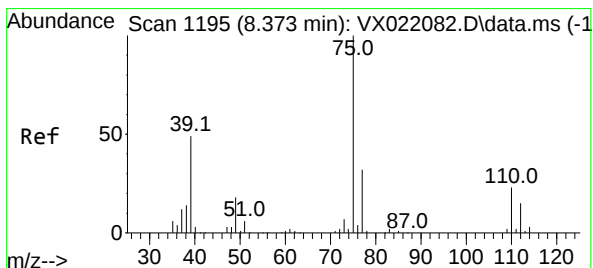
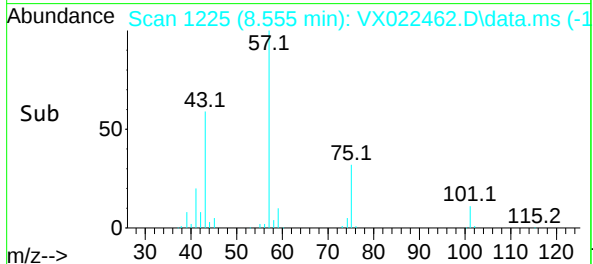
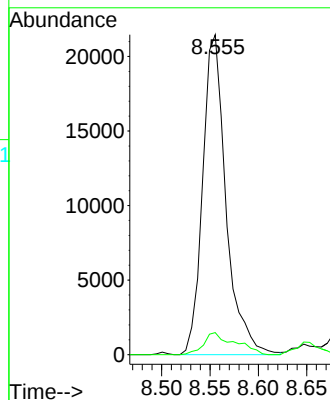
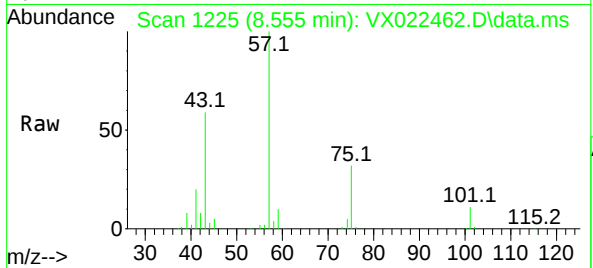




#51
4-Methyl-2-Pentanone
Concen: 25.282 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

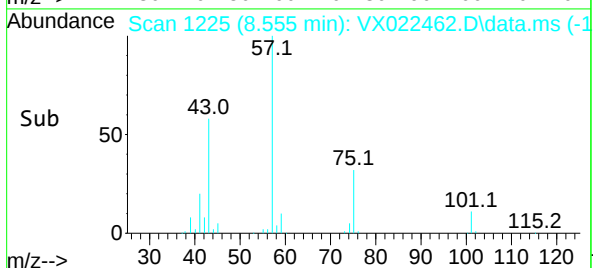
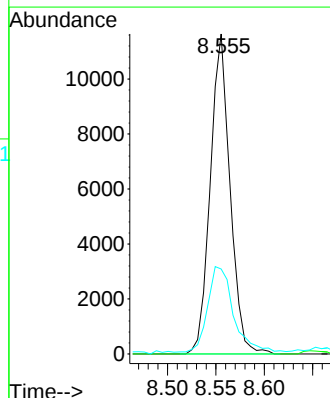
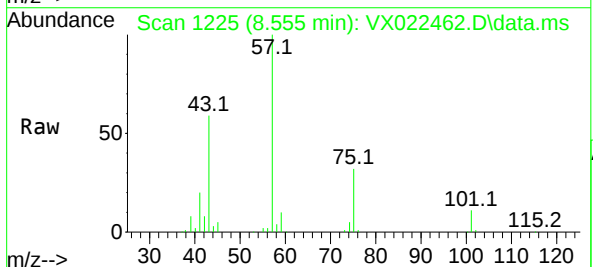
Instrument :
MSVOA_X
ClientSampled :

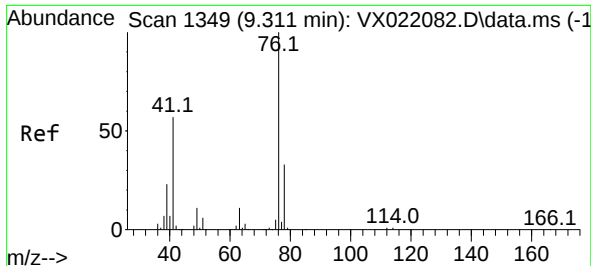
Tgt Ion: 43 Resp: 36176
Ion Ratio Lower Upper
43 100
58 9.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.493 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 75 Resp: 16530
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 25.9 35.1 52.7#



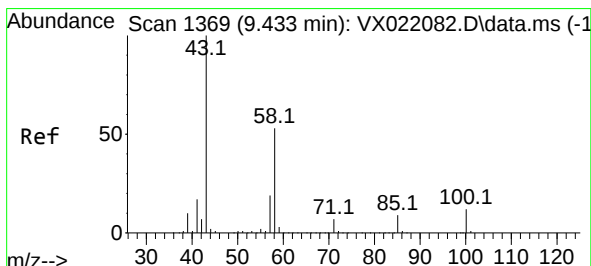
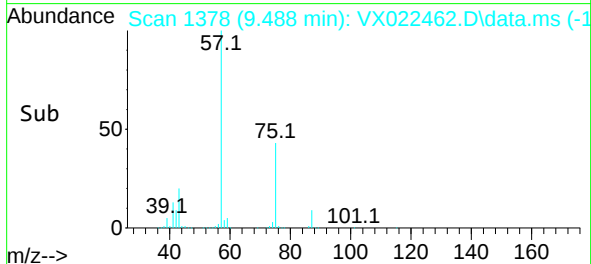
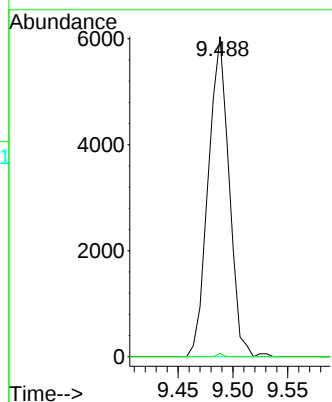
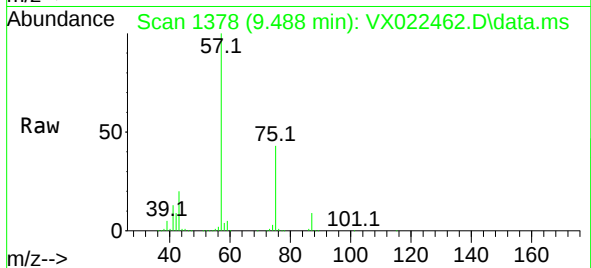


#57

1,3-Dichloropropane
Concen: 4.960 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

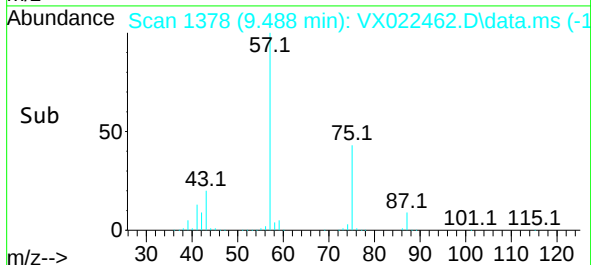
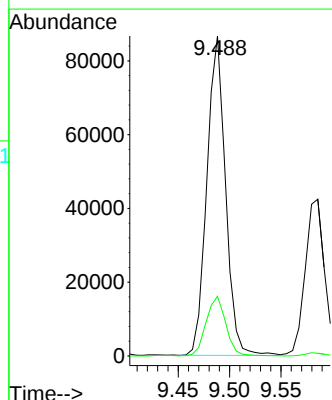
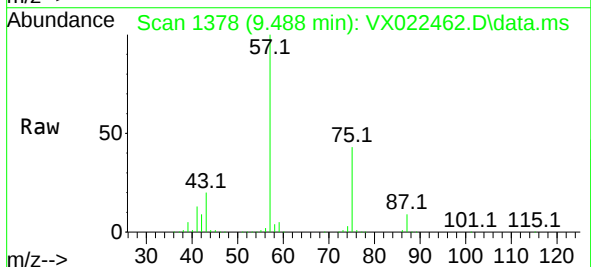
Tgt Ion: 76 Resp: 7980
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

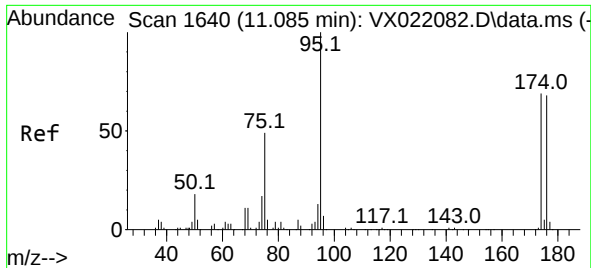


#59

2-Hexanone
Concen: 102.020 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 43 Resp: 109793
Ion Ratio Lower Upper
43 100
58 19.7 30.9 92.8#

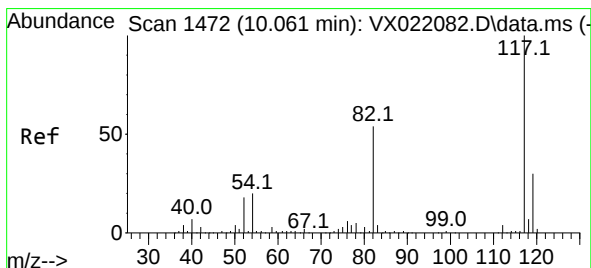
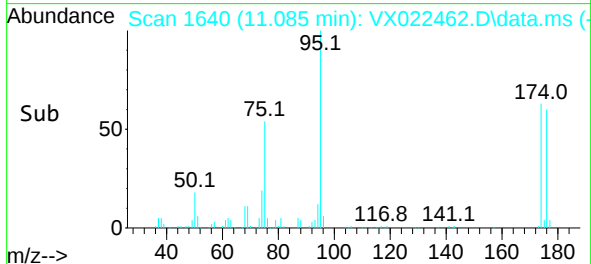
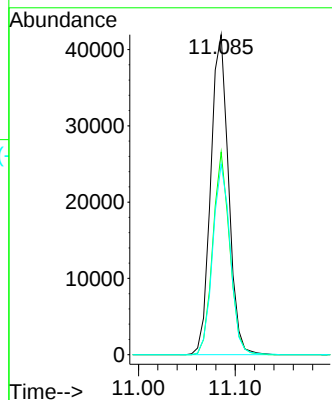
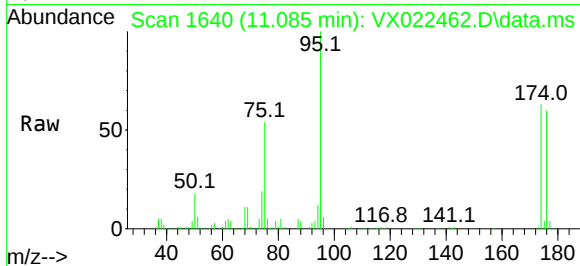




#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

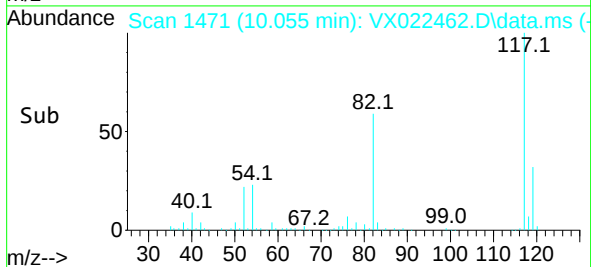
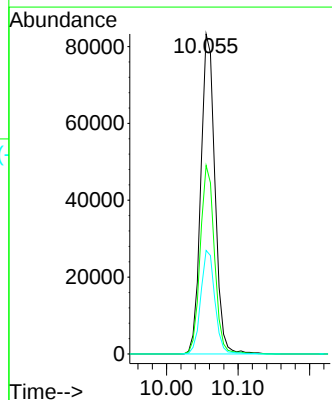
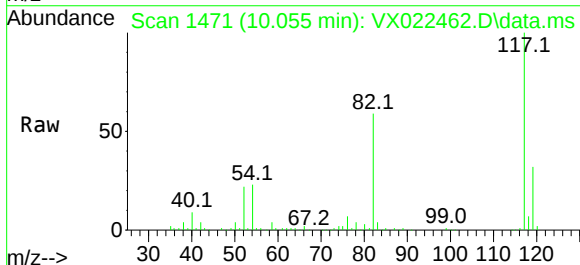
Instrument :
MSVOA_X
ClientSampleId :

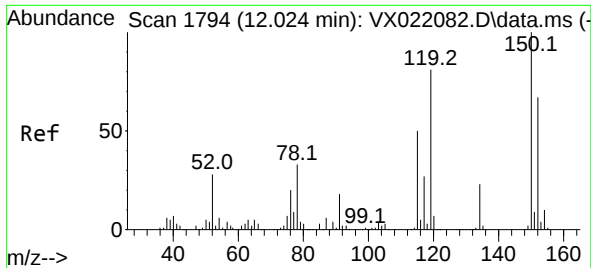
Tgt Ion: 95 Resp: 53673
Ion Ratio Lower Upper
95 100
174 60.0 0.0 154.6
176 58.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 117 Resp: 114078
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.4 26.6 39.8

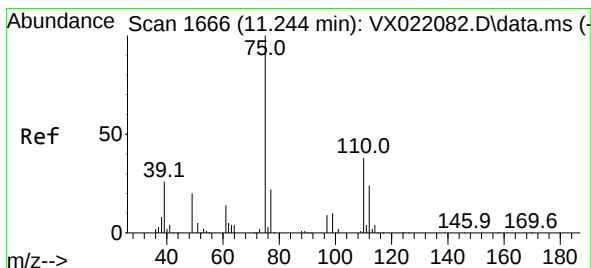
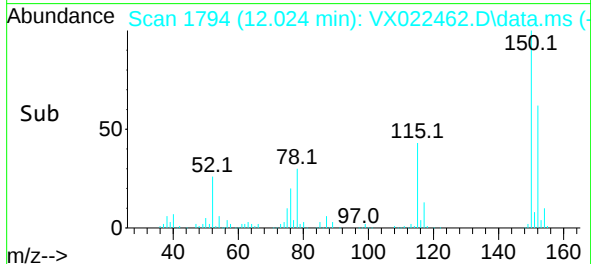
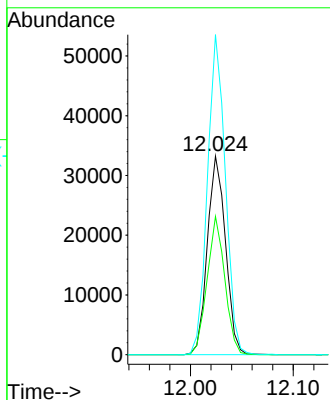
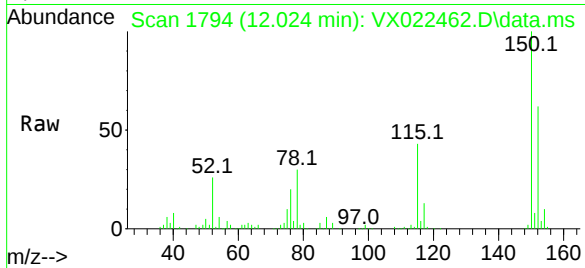




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

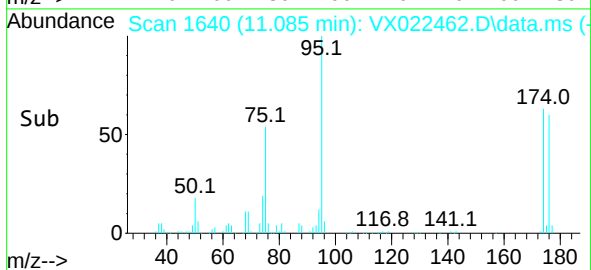
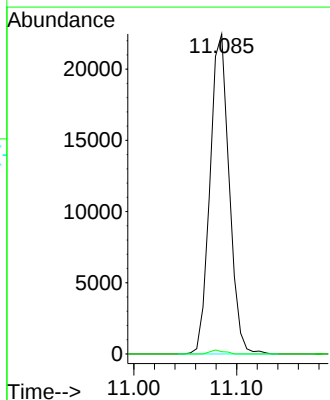
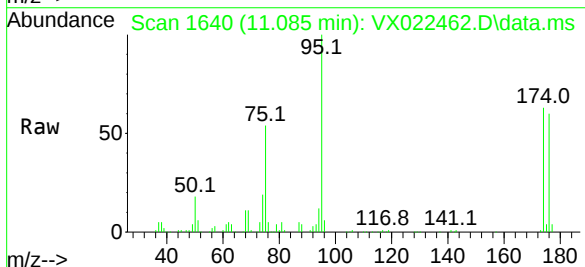
Instrument :
MSVOA_X
ClientSampled :

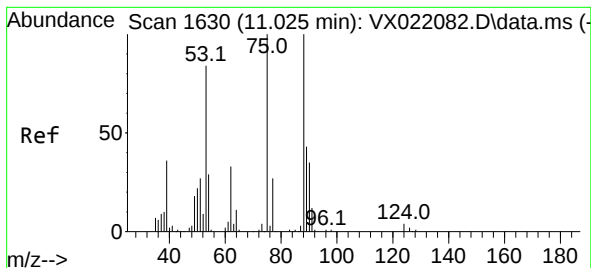
Tgt Ion:152 Resp: 40842
Ion Ratio Lower Upper
152 100
115 67.8 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.840 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 75 Resp: 29059
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

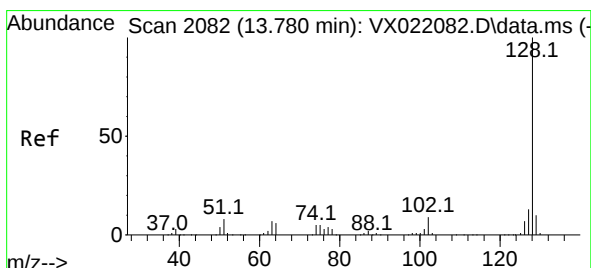
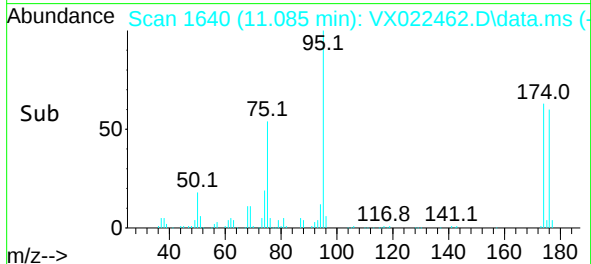
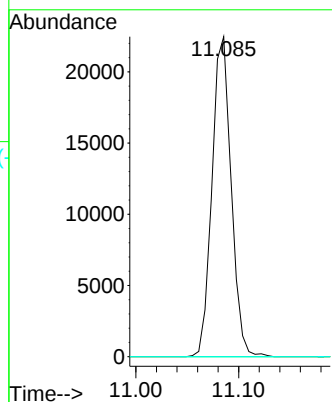
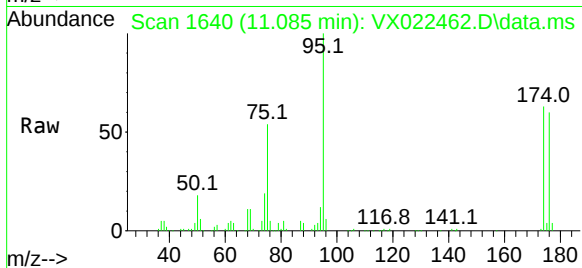




#81
trans-1,4-Dichloro-2-butene
Concen: 68.333 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29059
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.353 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022462.D
Acq: 05 Jun 2021 11:26

Tgt Ion: 128 Resp: 1128
Ion Ratio Lower Upper
128 100
127 6.6 10.3 15.5#
129 8.2 8.8 13.2#

