

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022463.D
 Acq On : 05 Jun 2021 11:49
 Operator : JC/MD
 Sample : M2580-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:21:48 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)

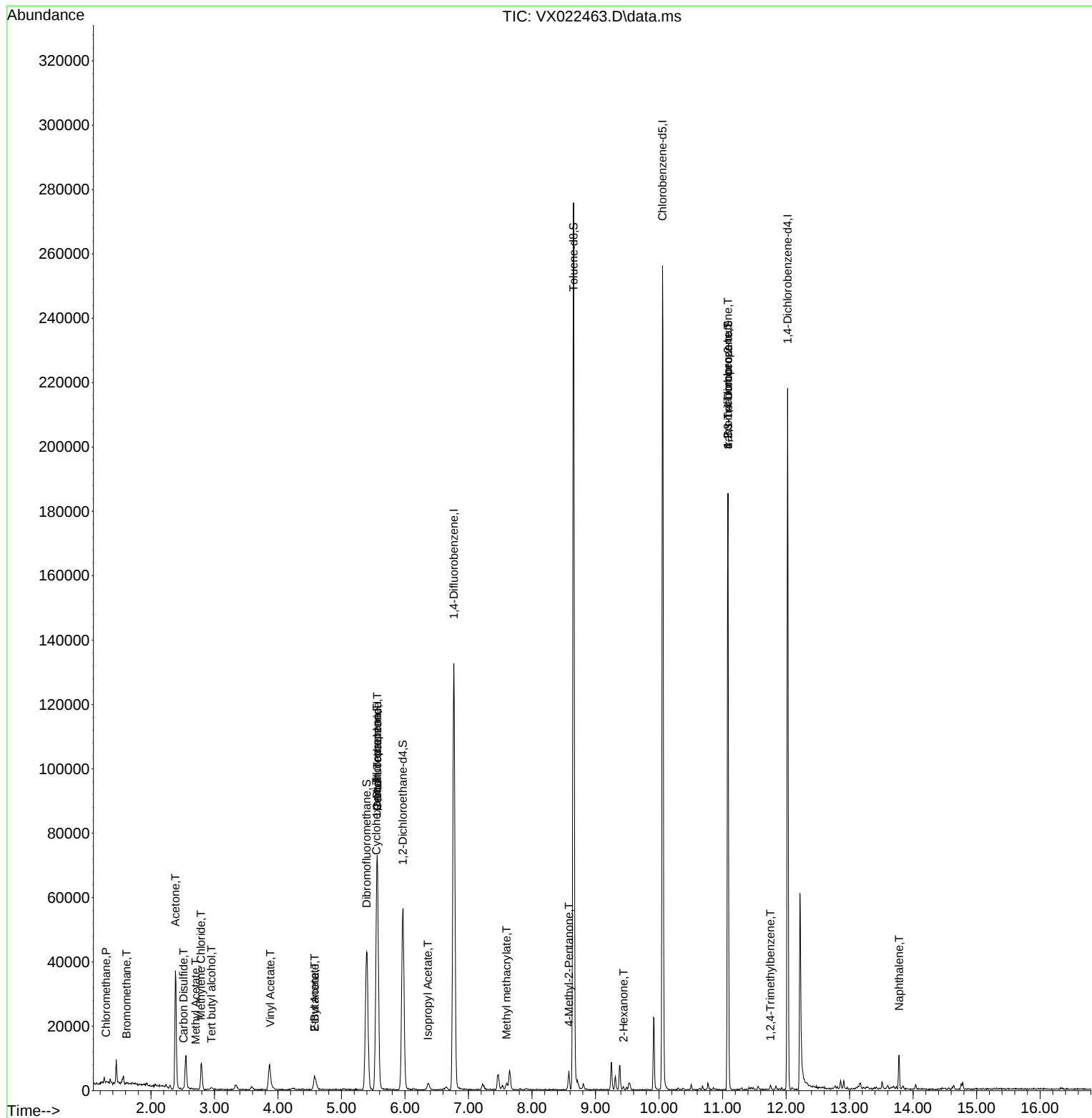
Internal Standards						
1) Pentafluorobenzene	5.562	168	61525	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52120	54.917	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.840%		
35) Dibromofluoromethane	5.397	113	37028	44.953	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 89.900%		
50) Toluene-d8	8.653	98	157947	49.779	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.560%		
62) 4-Bromofluorobenzene	11.085	95	50440	43.008	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 86.020%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	195	0.242	ug/l	# 42
5) Bromomethane	1.617	94	156	0.313	ug/l	# 2
11) Tert butyl alcohol	2.953	59	521	2.400	ug/l	# 73
16) Acetone	2.386	43	37630	91.059	ug/l	93
17) Carbon Disulfide	2.514	76	461	0.250	ug/l	# 75
18) Methyl Acetate	2.703	43	316	0.288	ug/l	# 47
20) Methylene Chloride	2.788	84	3332	3.631	ug/l	88
23) Vinyl Acetate	3.879	43	1171	0.488	ug/l	# 68
25) 2-Butanone	4.574	43	5000	7.479	ug/l	91
31) Cyclohexane	5.550	56	1910	1.602	ug/l	# 43
36) 1,1-Dichloropropene	5.556	75	6044	5.032	ug/l	# 46
37) Ethyl Acetate	4.574	43	5000	3.396	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7137	6.074	ug/l	# 14
43) Isopropyl Acetate	6.360	43	988	0.410	ug/l	# 57
48) Methyl methacrylate	7.598	41	3172	2.858	ug/l	# 21
51) 4-Methyl-2-Pentanone	8.580	43	3461	2.399	ug/l	92
59) 2-Hexanone	9.439	43	730	0.673	ug/l	# 57
76) 1,2,3-Trichloropropane	11.085	75	27341	28.720	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27341	68.049	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.756	105	729	0.268	ug/l	66
95) Naphthalene	13.780	128	6197	2.053	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

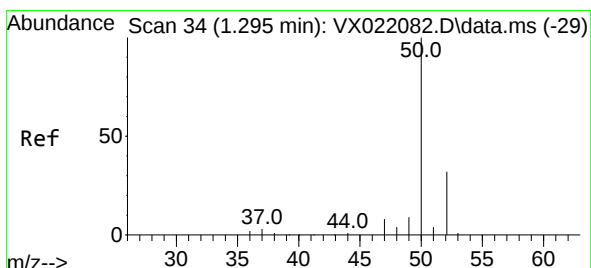
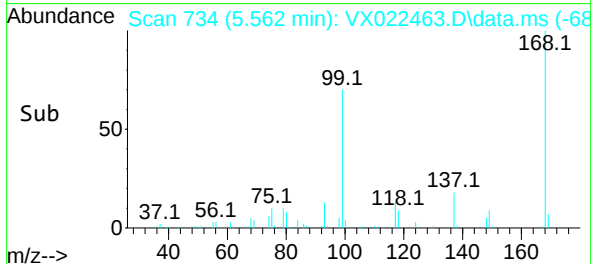
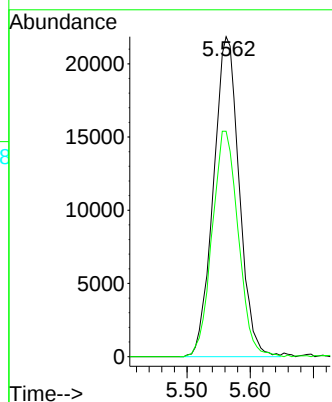
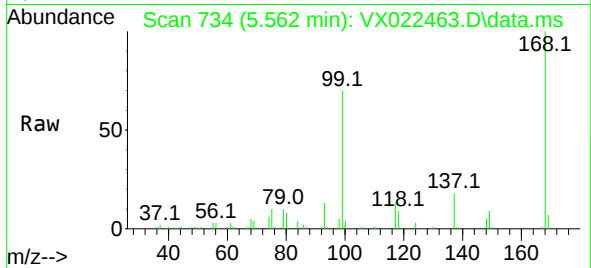




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

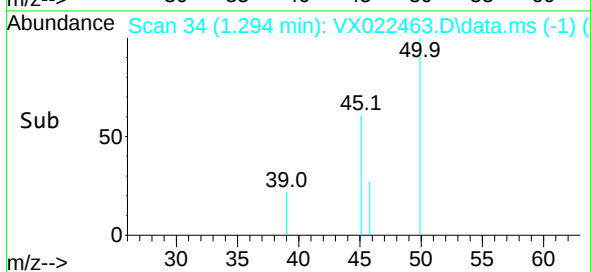
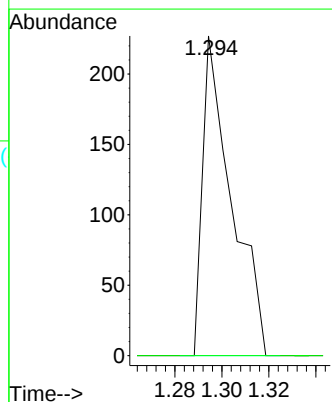
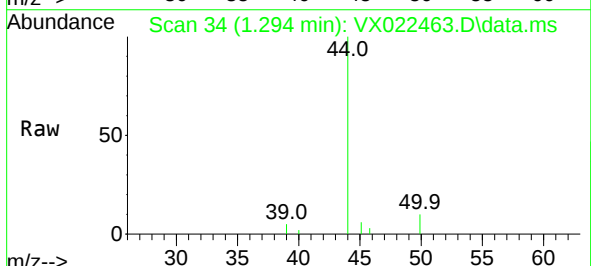
Instrument :
MSVOA_X
ClientSampleId :

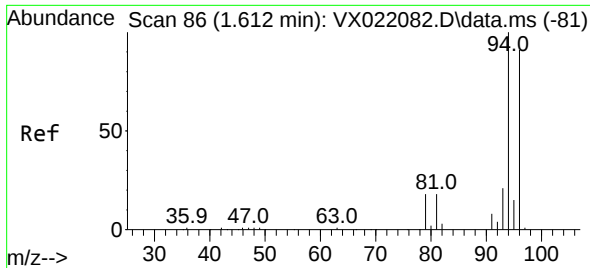
Tgt Ion:168 Resp: 61525
Ion Ratio Lower Upper
168 100
99 70.5 45.8 68.6#



#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 50 Resp: 195
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

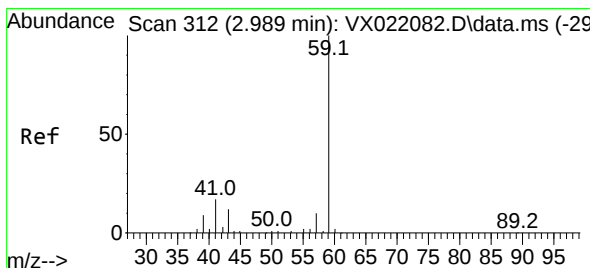
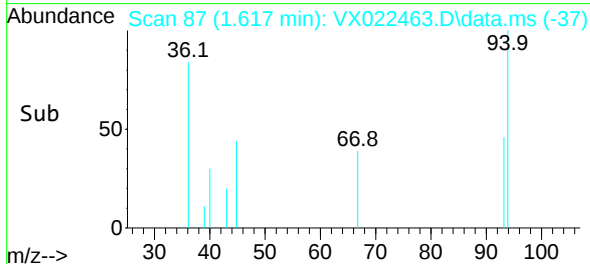
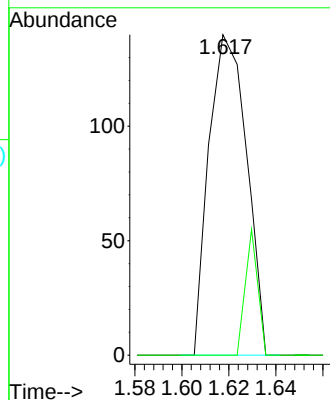
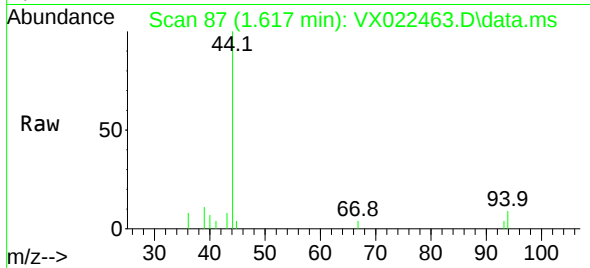




#5
Bromomethane
Concen: 0.313 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

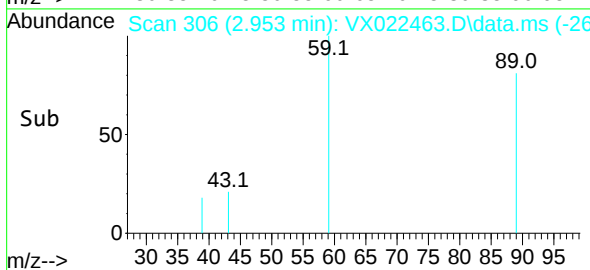
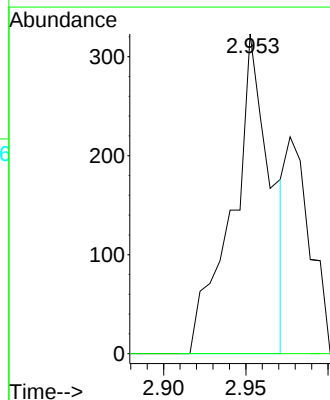
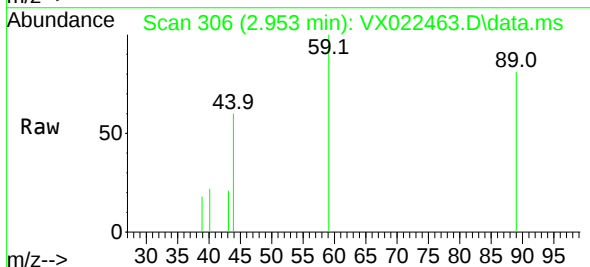
Instrument :
MSVOA_X
ClientSampled :

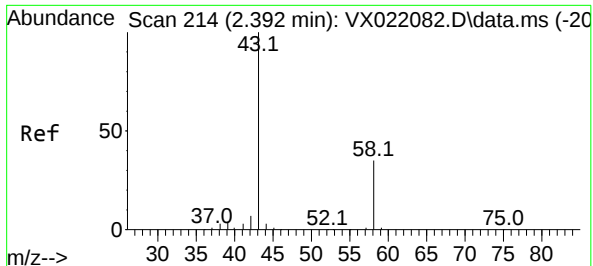
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.400 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

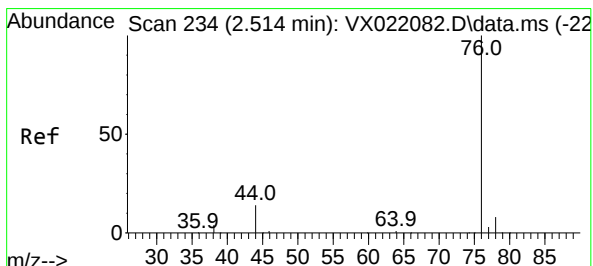
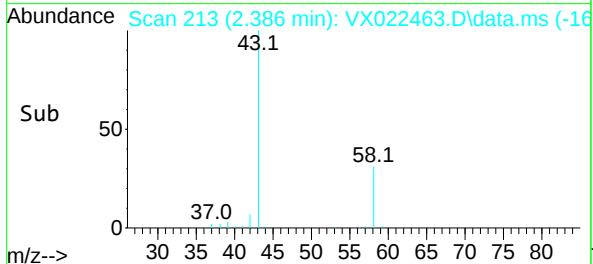
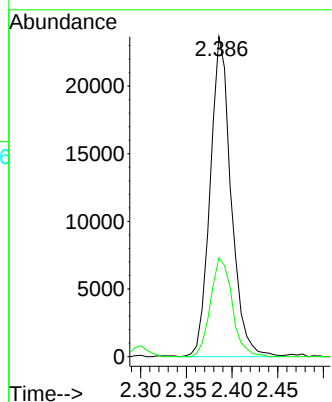
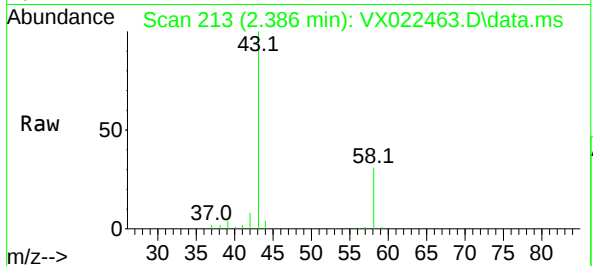




#16
Acetone
Concen: 91.059 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

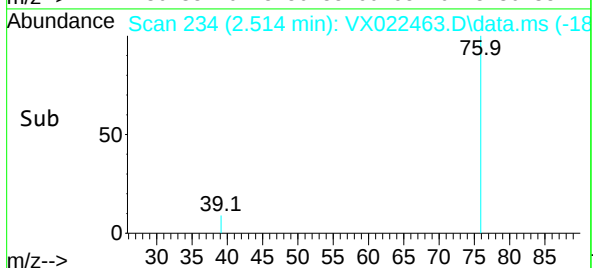
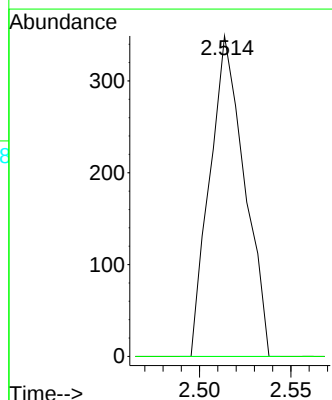
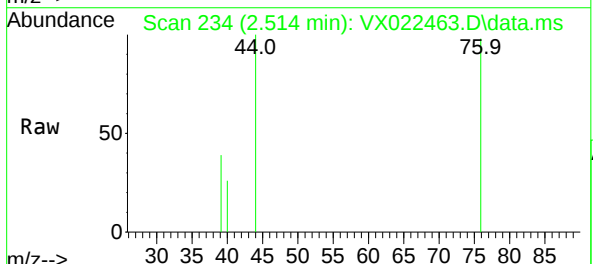
Instrument :
MSVOA_X
ClientSampled :

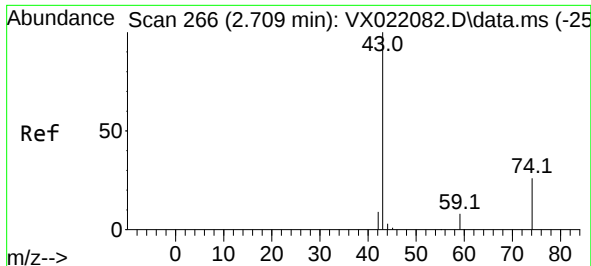
Tgt Ion: 43 Resp: 37630
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 76 Resp: 461
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

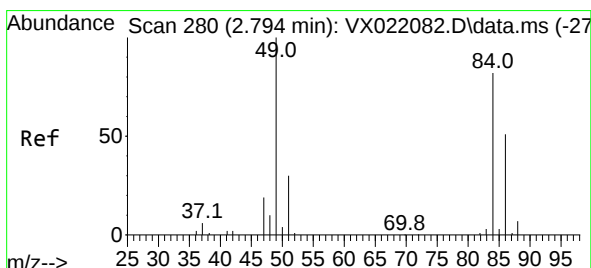
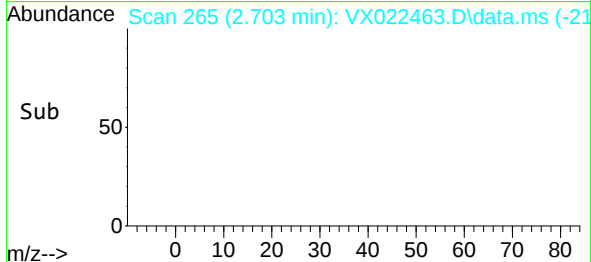
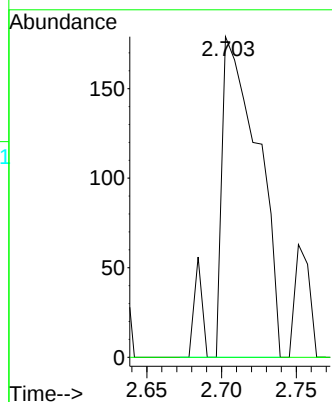
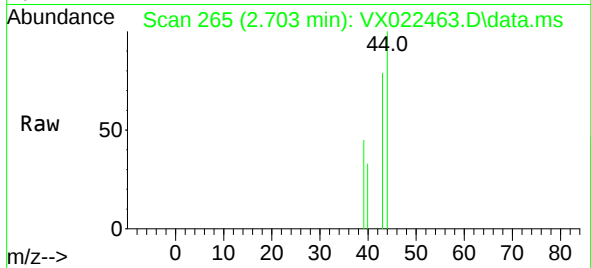




#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

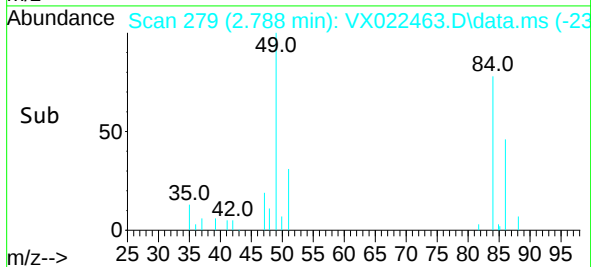
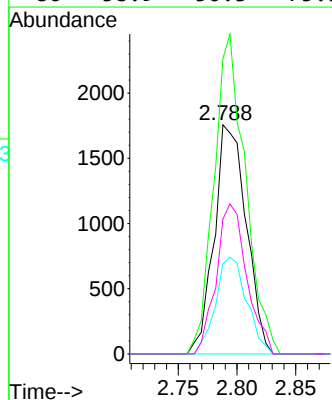
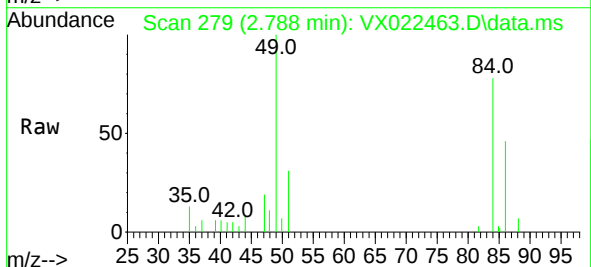
Instrument :
MSVOA_X
ClientSampled :

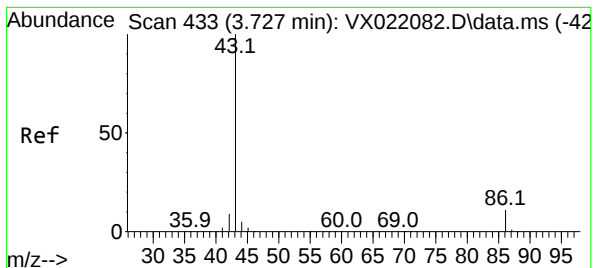
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 3.631 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 84 Resp: 3332
Ion Ratio Lower Upper
84 100
49 128.9 88.6 132.8
51 39.3 27.0 40.6
86 58.9 50.3 75.5

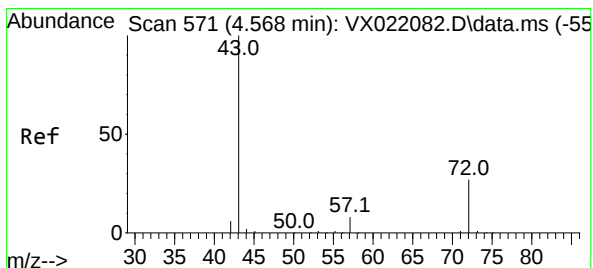
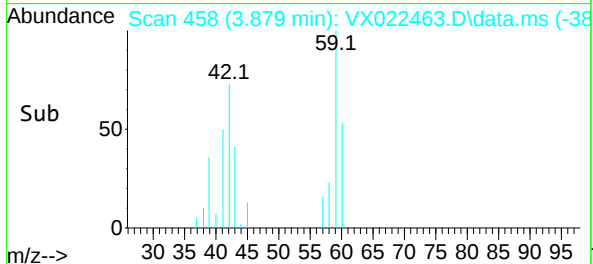
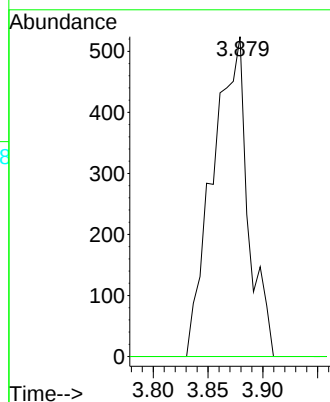
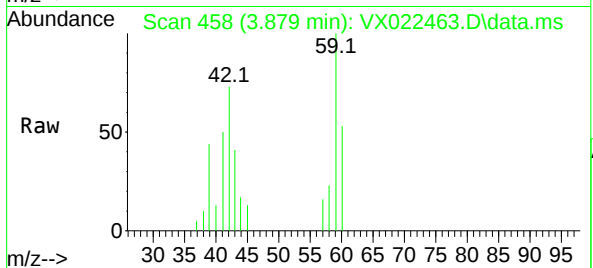




#23
 Vinyl Acetate
 Concen: 0.488 ug/l
 RT: 3.879 min Scan# 458
 Delta R.T. 0.152 min
 Lab File: VX022463.D
 Acq: 05 Jun 2021 11:49

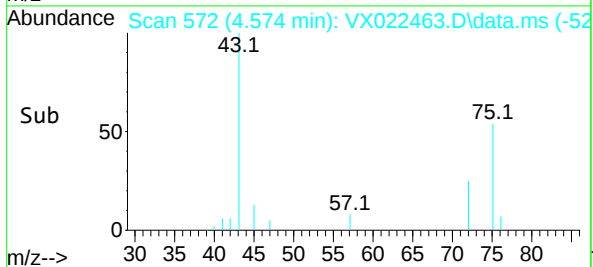
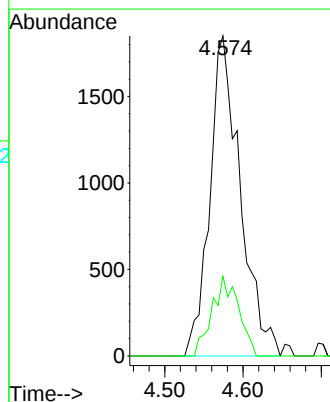
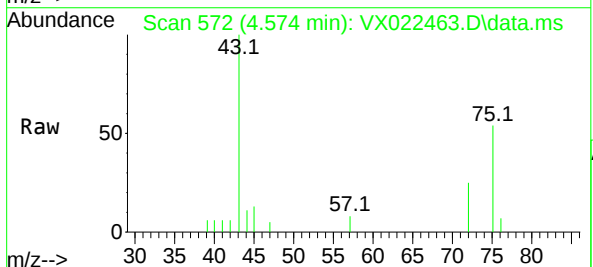
Instrument :
 MSVOA_X
 ClientSampled :

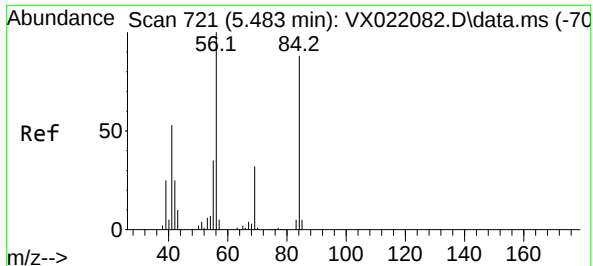
Tgt Ion: 43 Resp: 1171
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 7.479 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: VX022463.D
 Acq: 05 Jun 2021 11:49

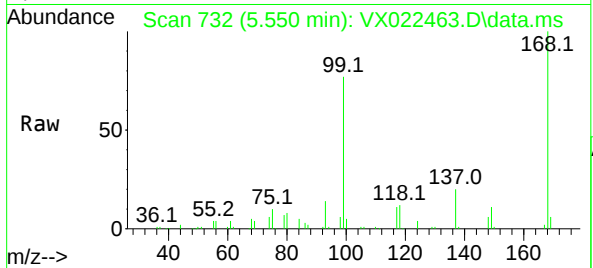
Tgt Ion: 43 Resp: 5000
 Ion Ratio Lower Upper
 43 100
 72 24.9 23.7 35.5



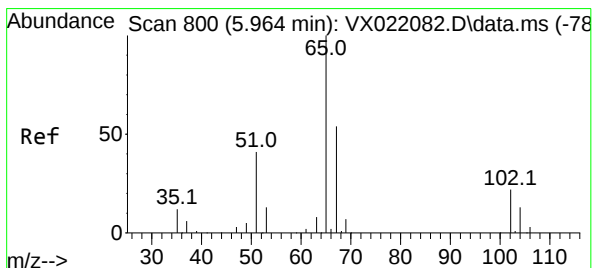
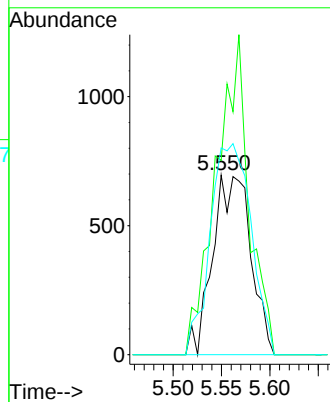
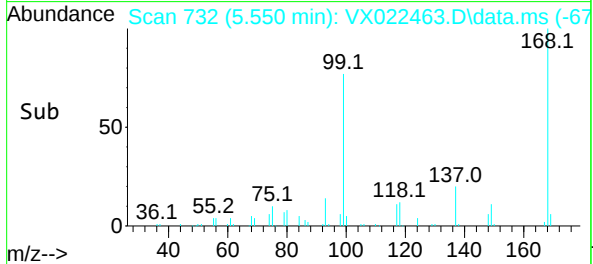


#31
Cyclohexane
Concen: 1.602 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

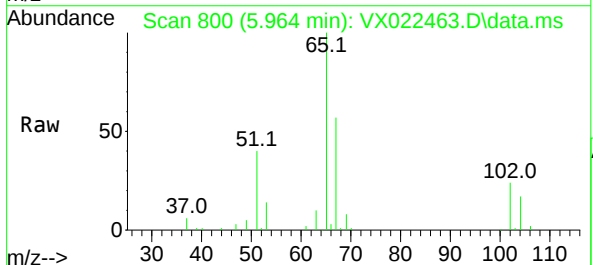
Instrument :
MSVOA_X
ClientSampleId :



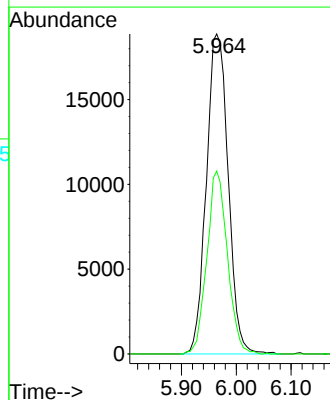
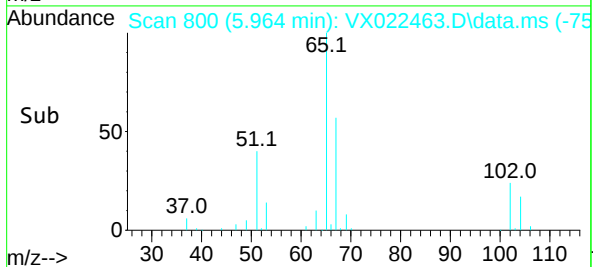
Tgt Ion: 56 Resp: 1910
Ion Ratio Lower Upper
56 100
69 108.2 25.3 37.9#
84 115.1 71.4 107.0#

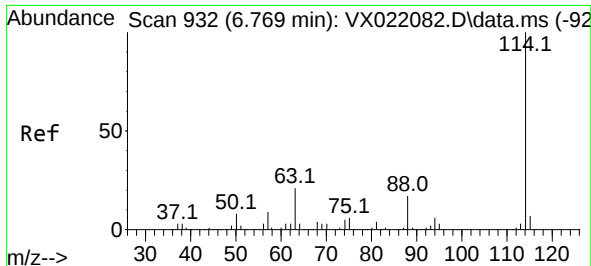


#33
1,2-Dichloroethane-d4
Concen: 54.917 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49



Tgt Ion: 65 Resp: 52120
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4

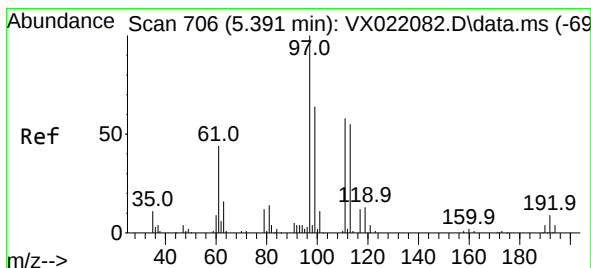
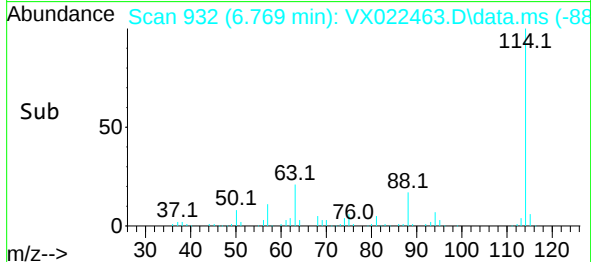
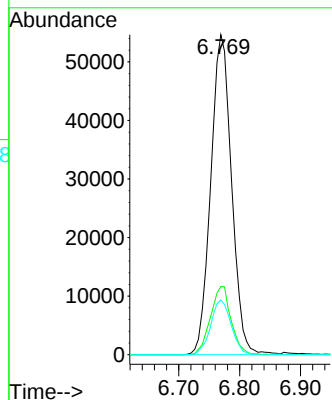
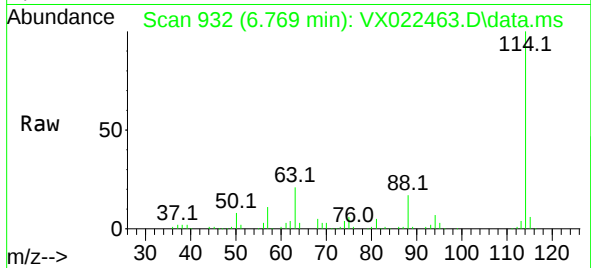




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

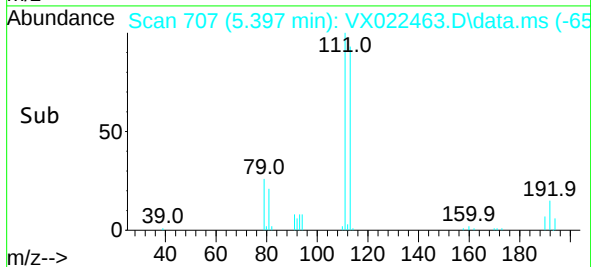
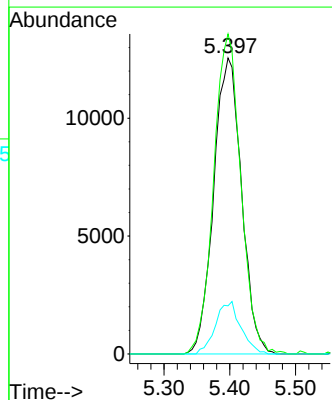
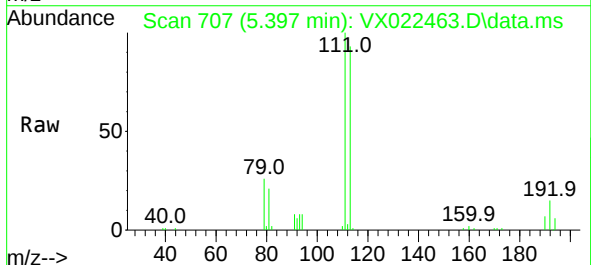
Instrument :
MSVOA_X
ClientSampled :

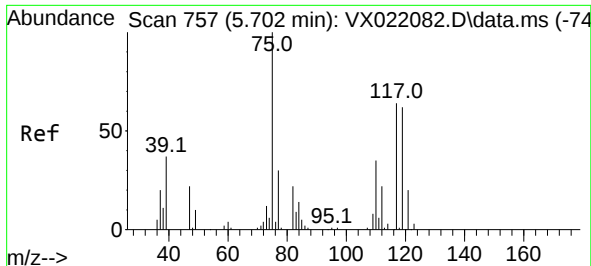
Tgt Ion:114 Resp: 129890
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 44.953 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

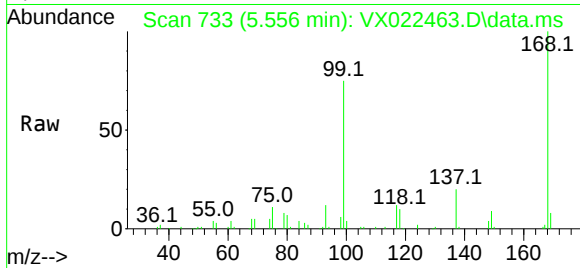
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Ion Ratio Lower Upper
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111 105.3 81.9 122.9
192 16.0 16.7 25.1#



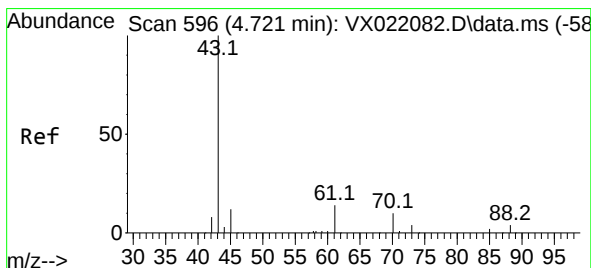
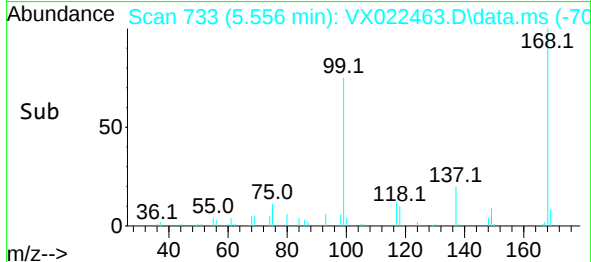
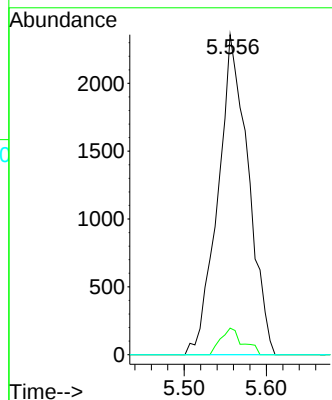


#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Instrument :
MSVOA_X
ClientSampled :

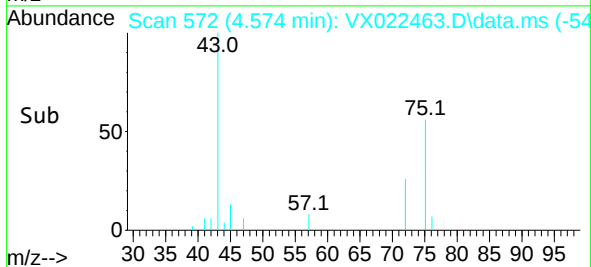
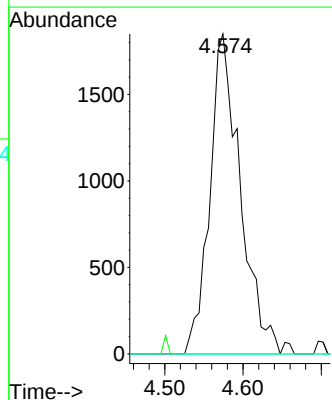
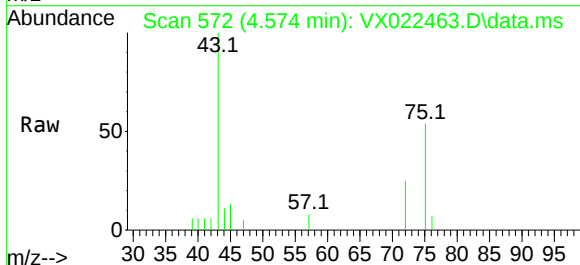


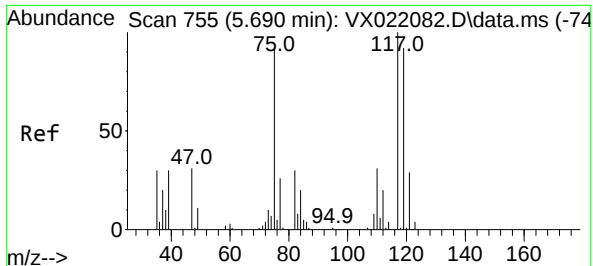
Tgt Ion: 75 Resp: 6044
Ion Ratio Lower Upper
75 100
110 6.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.396 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

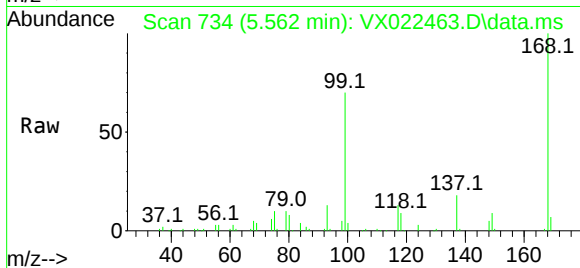
Tgt Ion: 43 Resp: 5000
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



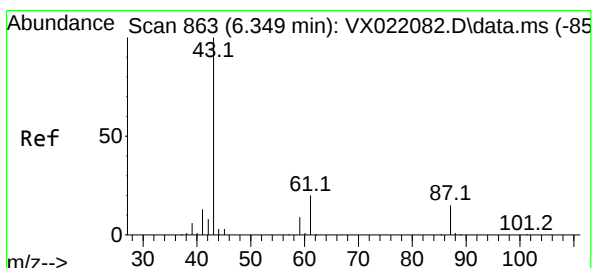
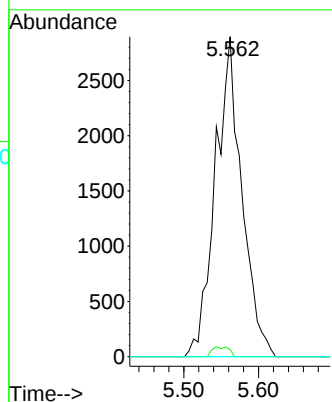
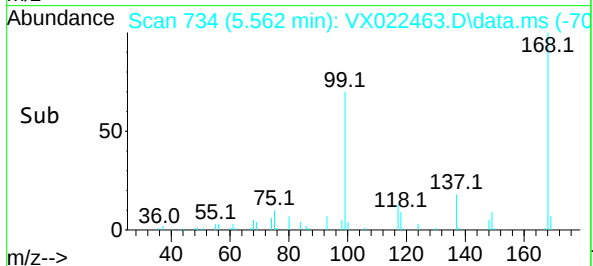


#38
Carbon Tetrachloride
Concen: 6.074 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

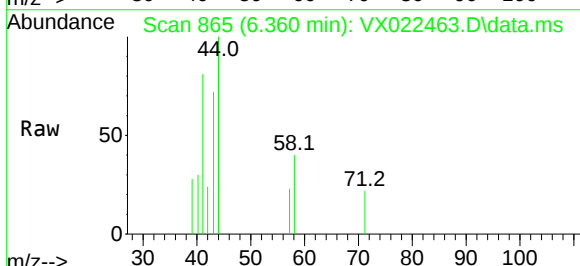
Instrument :
MSVOA_X
ClientSampled :



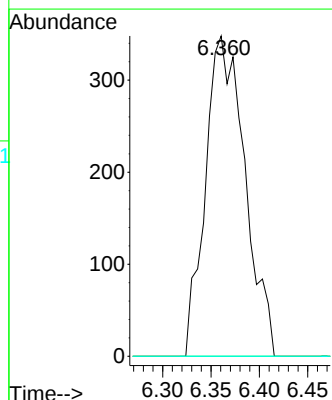
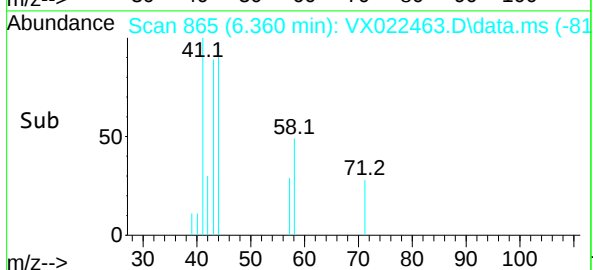
Tgt Ion:117 Resp: 7137
Ion Ratio Lower Upper
117 100
119 2.2 76.2 114.2#
121 0.0 24.8 37.2#

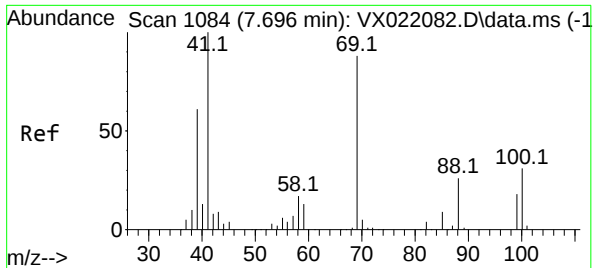


#43
Isopropyl Acetate
Concen: 0.410 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.011 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49



Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

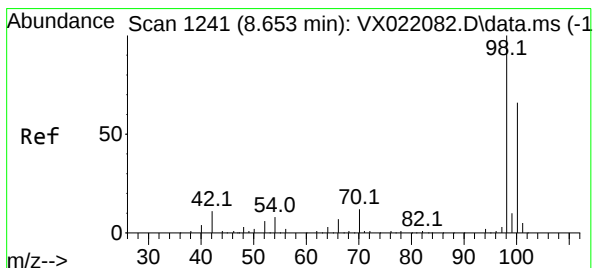
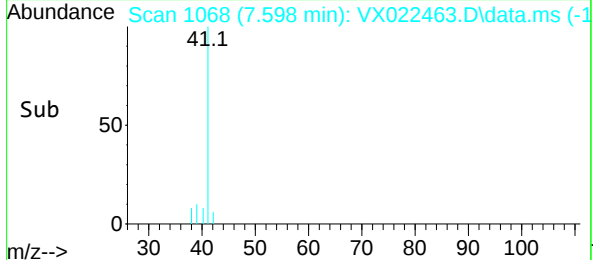
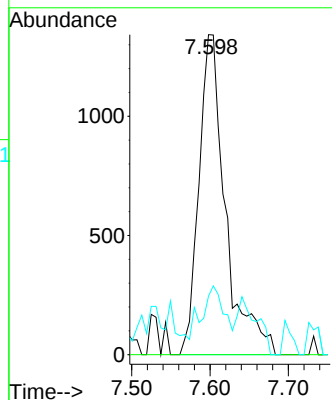
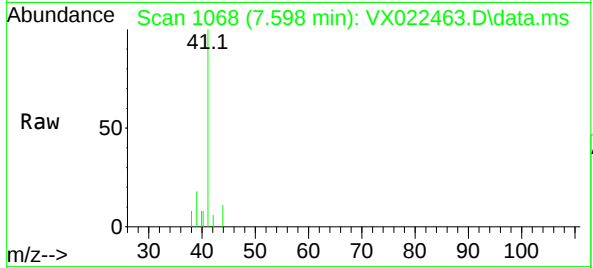




#48
Methyl methacrylate
Concen: 2.858 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

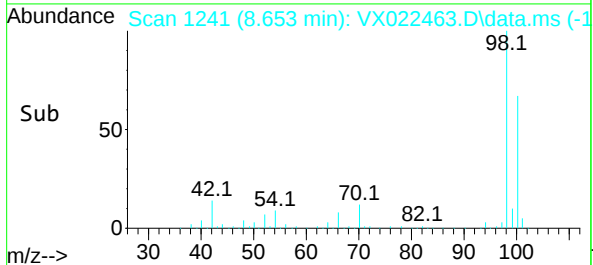
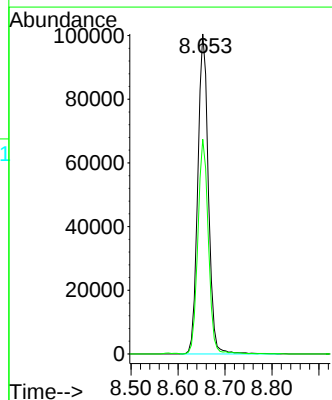
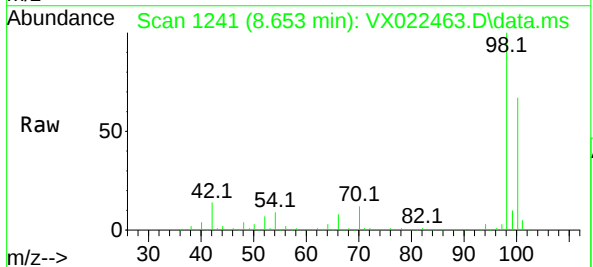
Instrument :
MSVOA_X
ClientSampled :

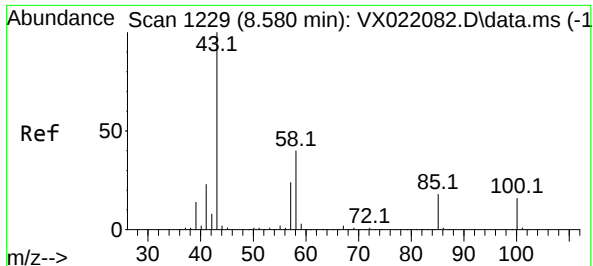
Tgt Ion: 41 Resp: 3172
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 21.5 44.6 67.0#



#50
Toluene-d8
Concen: 49.779 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 98 Resp: 157947
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

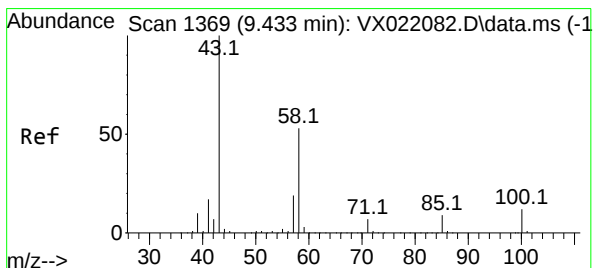
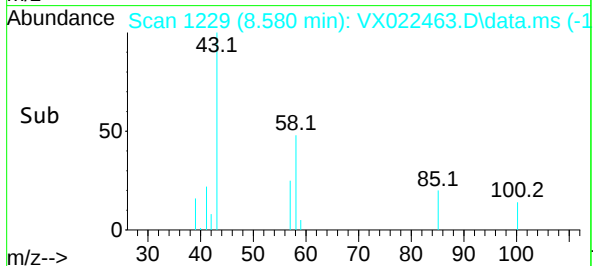
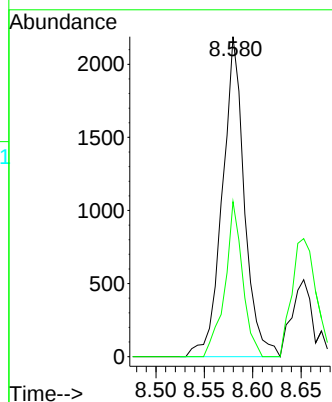
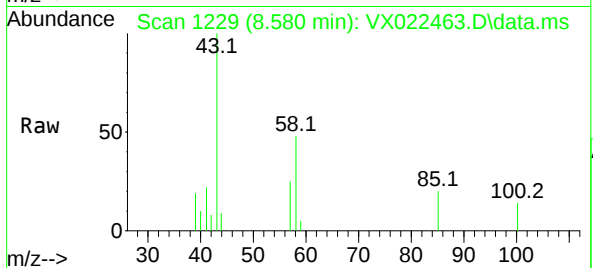




#51
4-Methyl-2-Pentanone
Concen: 2.399 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

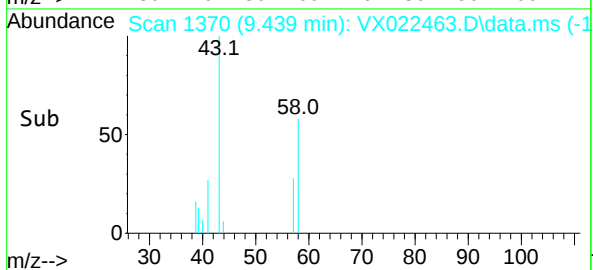
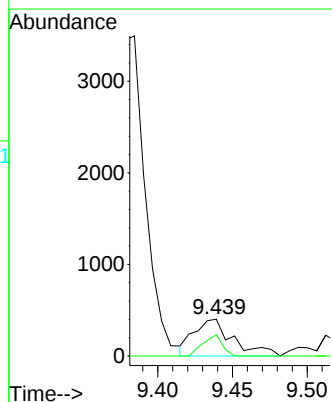
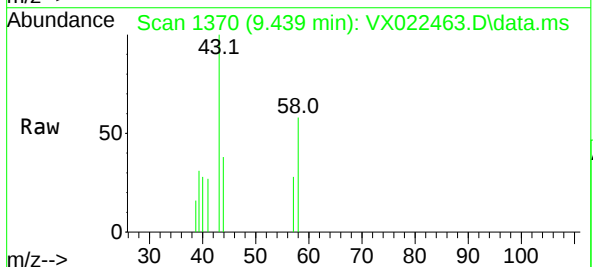
Instrument :
MSVOA_X
ClientSampled :

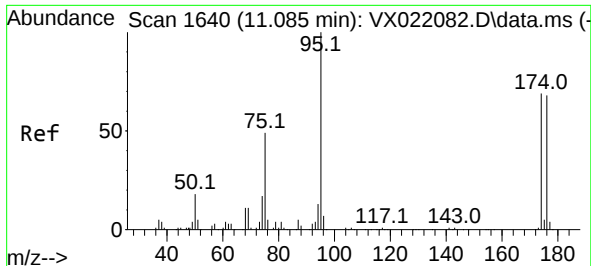
Tgt Ion: 43 Resp: 3461
Ion Ratio Lower Upper
43 100
58 38.7 35.4 53.0



#59
2-Hexanone
Concen: 0.673 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
58 28.5 30.9 92.8#

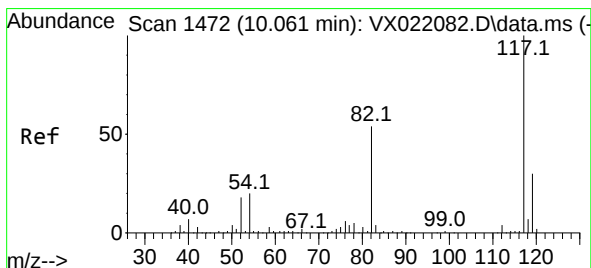
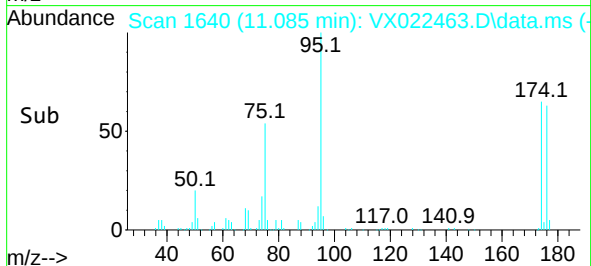
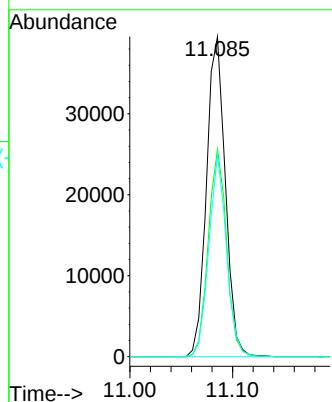
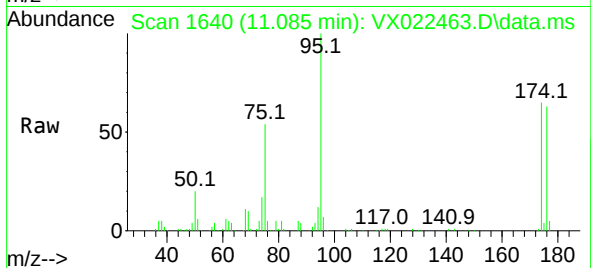




#62
4-Bromofluorobenzene
Concen: 43.008 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

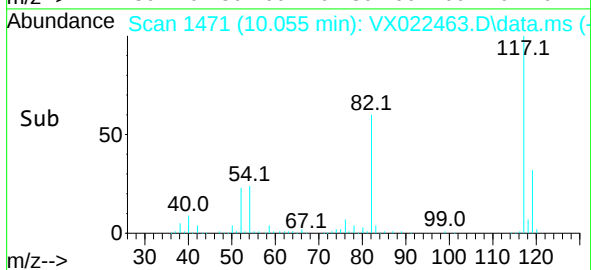
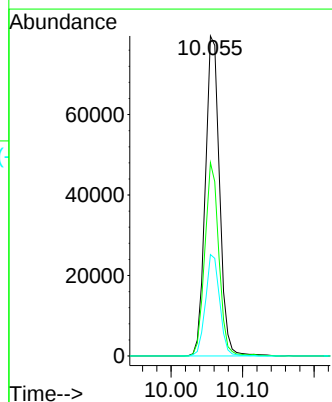
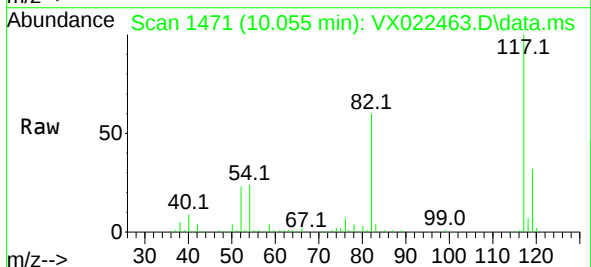
Instrument :
MSVOA_X
ClientSampleId :

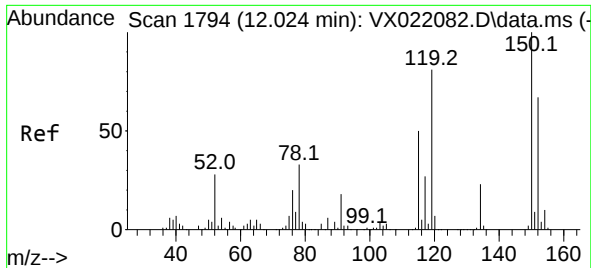
Tgt Ion: 95 Resp: 50440
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 59.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Tgt Ion: 117 Resp: 110071
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.7 26.6 39.8

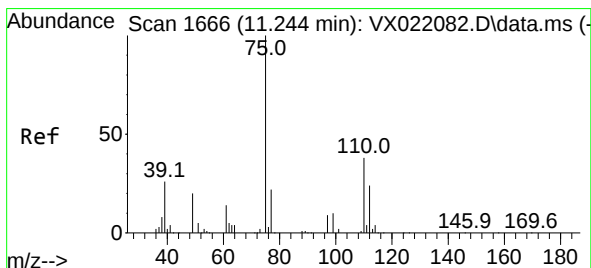
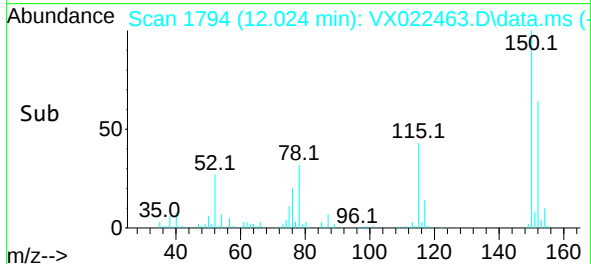
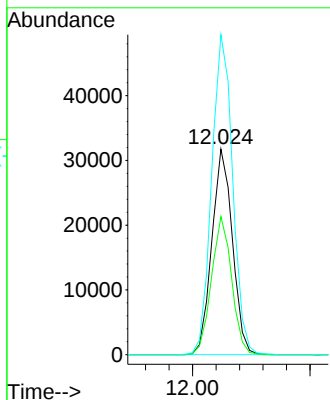
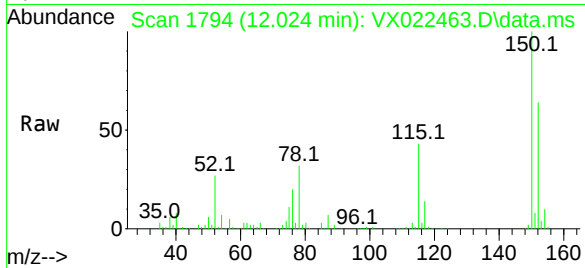




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022463.D
 Acq: 05 Jun 2021 11:49

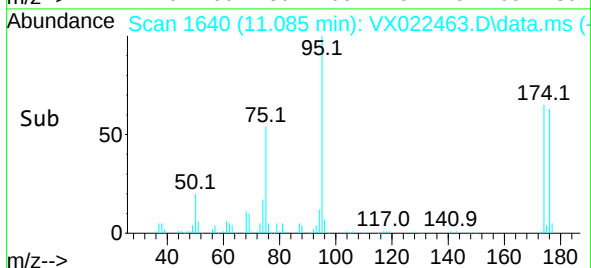
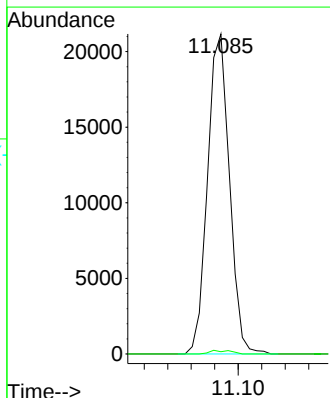
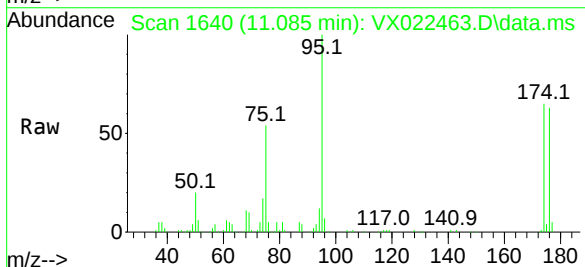
Instrument :
 MSVOA_X
 ClientSampled :

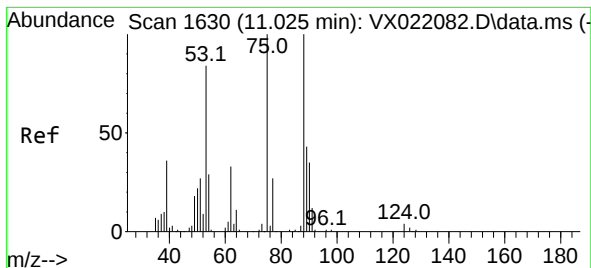
Tgt Ion:152 Resp: 38588
 Ion Ratio Lower Upper
 152 100
 115 65.9 41.1 123.3
 150 158.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.720 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022463.D
 Acq: 05 Jun 2021 11:49

Tgt Ion: 75 Resp: 27341
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

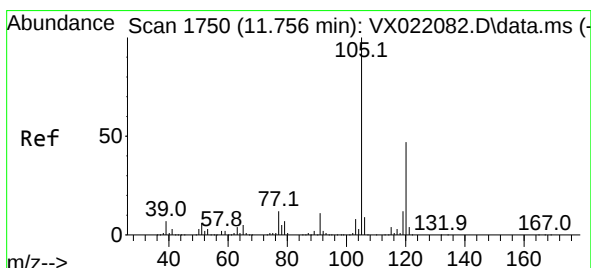
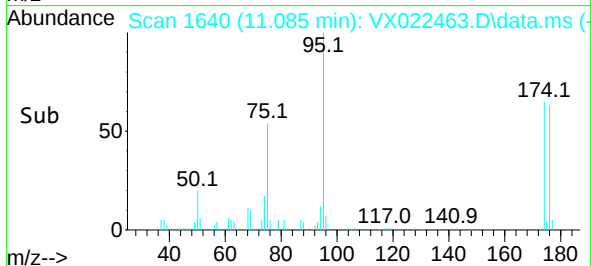
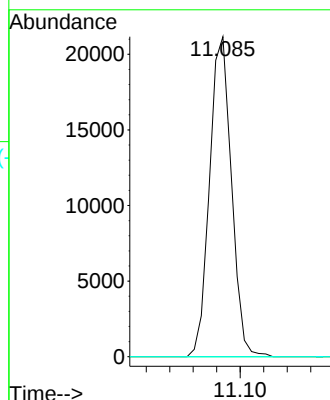
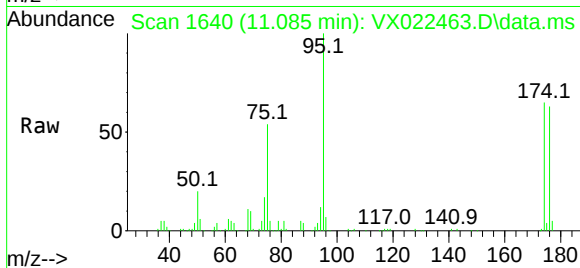




#81
trans-1,4-Dichloro-2-butene
Concen: 68.049 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

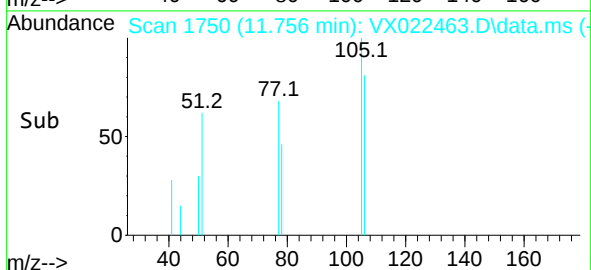
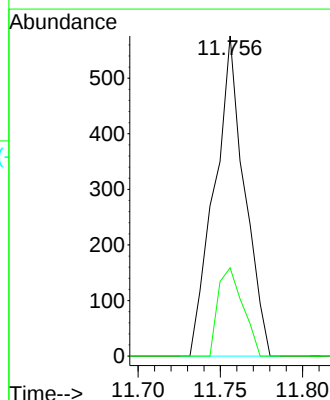
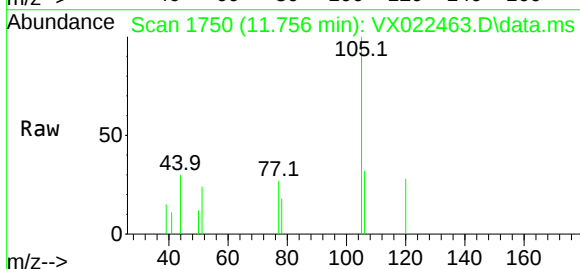
Instrument :
MSVOA_X
ClientSampled :

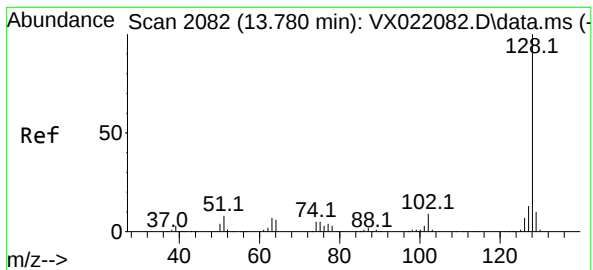
Tgt Ion: 75 Resp: 27341
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.268 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

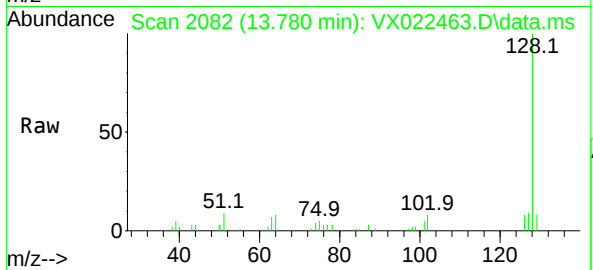
Tgt Ion: 105 Resp: 729
Ion Ratio Lower Upper
105 100
120 22.8 22.4 67.3





#95
Naphthalene
Concen: 2.053 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022463.D
Acq: 05 Jun 2021 11:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	6197
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	12.3	8.8	13.2

