

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023200.D
 Acq On : 08 Jul 2021 15:29
 Operator : JC/MD
 Sample : M2772-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:11:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	220476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	360773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153820	51.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.820%	
35) Dibromofluoromethane	5.397	113	112876	48.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.900%	
50) Toluene-d8	8.653	98	431432	49.645	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.280%	
62) 4-Bromofluorobenzene	11.085	95	153002	45.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.200%	

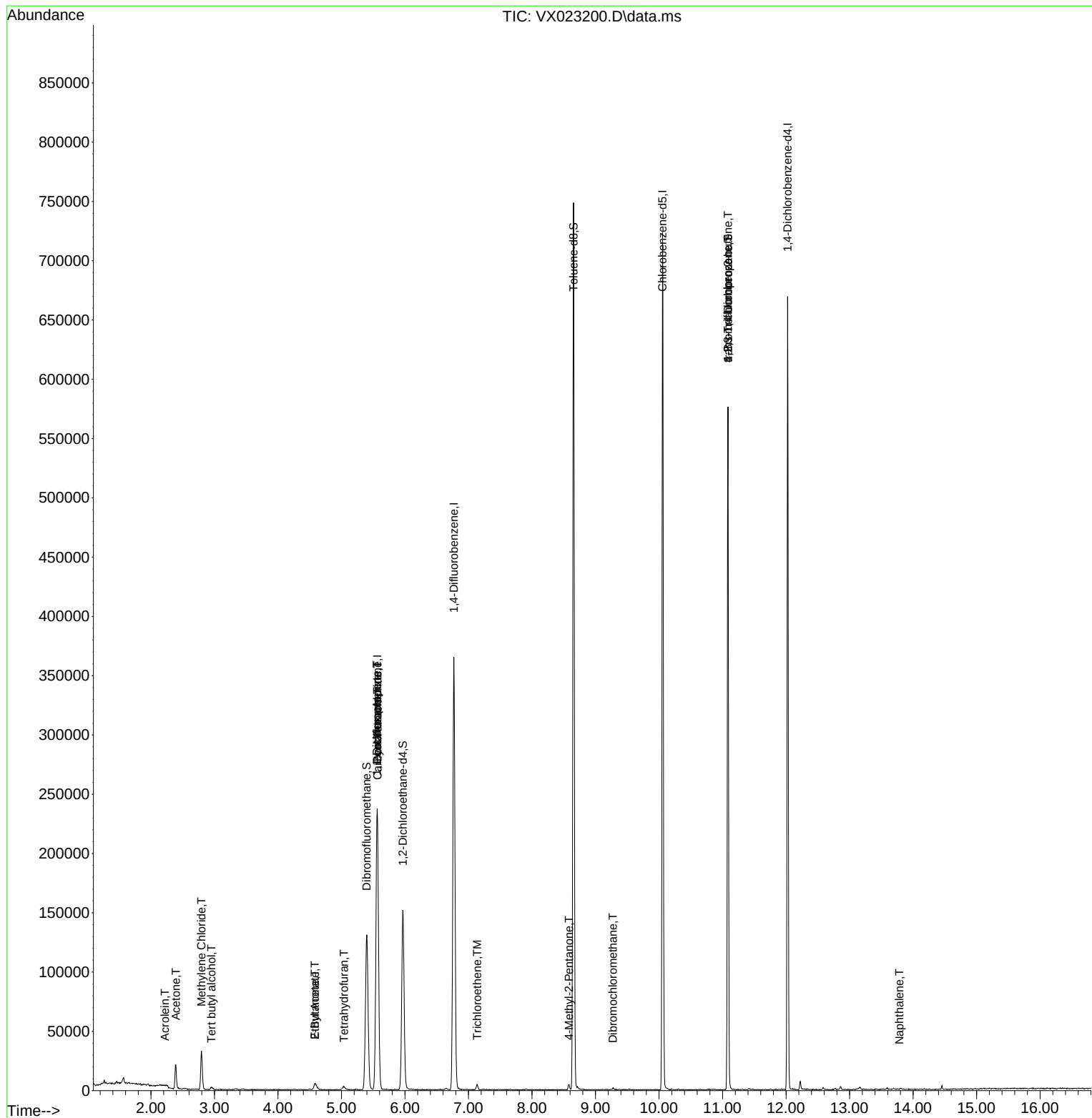
Target Compounds				Qvalue		
5) Bromomethane	1.611	94	186	Below Cal	80	
11) Tert butyl alcohol	2.953	59	1439	2.308 ug/l #	73	
13) Acrolein	2.221	56	205	0.494 ug/l #	1	
16) Acetone	2.392	43	22378	19.088 ug/l #	86	
20) Methylene Chloride	2.794	84	14477	5.736 ug/l	96	
25) 2-Butanone	4.580	43	5583	3.158 ug/l #	85	
29) Tetrahydrofuran	5.038	42	2352	2.070 ug/l	92	
31) Cyclohexane	5.562	56	4833	1.362 ug/l #	9	
36) 1,1-Dichloropropene	5.556	75	17934	5.576 ug/l #	49	
37) Ethyl Acetate	4.580	43	5583	1.591 ug/l #	64	
38) Carbon Tetrachloride	5.568	117	23404	6.972 ug/l #	17	
44) Trichloroethene	7.135	130	1651	0.623 ug/l	81	
51) 4-Methyl-2-Pentanone	8.580	43	2915	0.806 ug/l	95	
60) Dibromochloromethane	9.275	129	243	3.193 ug/l #	11	
76) 1,2,3-Trichloropropane	11.085	75	80333	30.046 ug/l #	39	
81) trans-1,4-Dichloro-2-b...	11.085	75	80333	80.668 ug/l #	12	
95) Naphthalene	13.786	128	250	1.300 ug/l #	69	

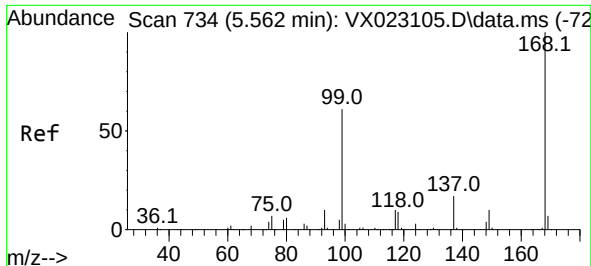
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

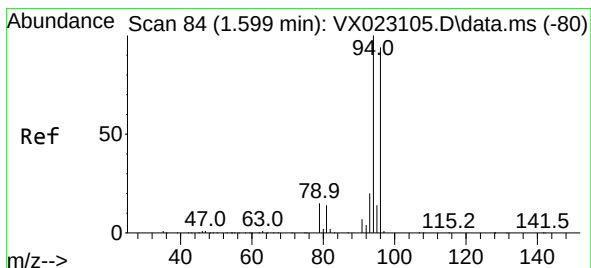
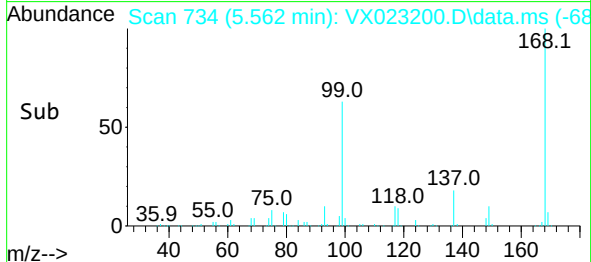
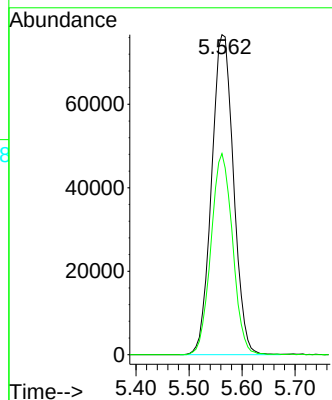
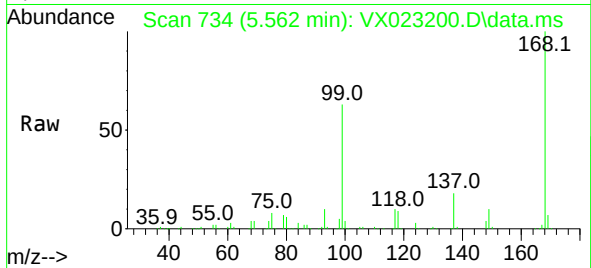




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

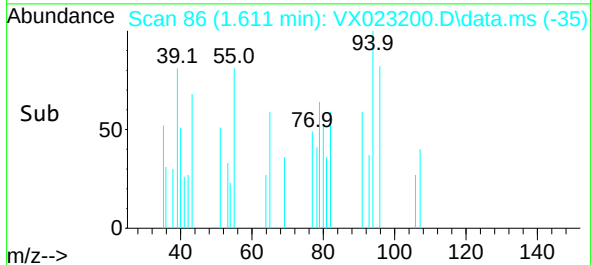
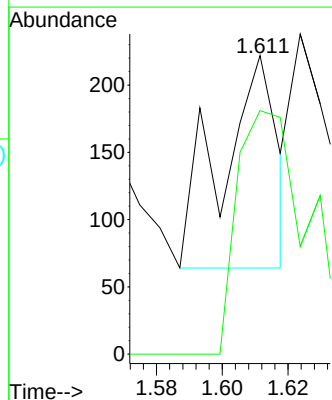
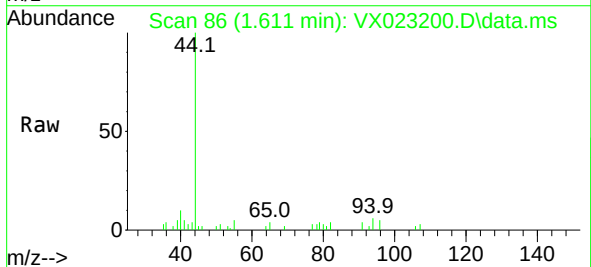
Instrument :
MSVOA_X
ClientSampleId :

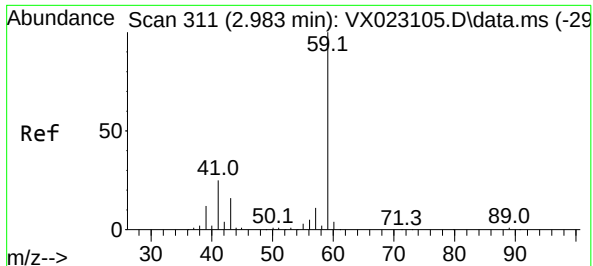
Tgt Ion:168 Resp: 220476
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 114.6 76.4 114.6



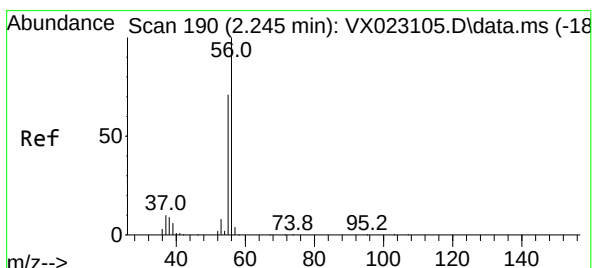
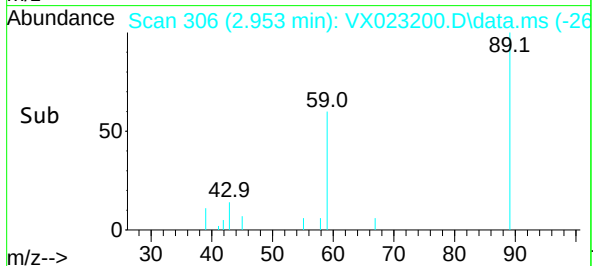
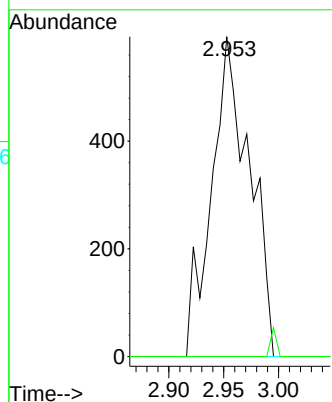
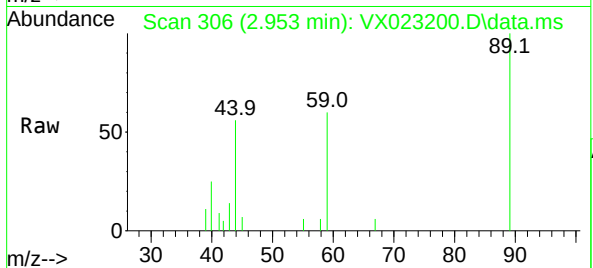


#11

Tert butyl alcohol
Concen: 2.308 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Instrument :
MSVOA_X
ClientSampled :

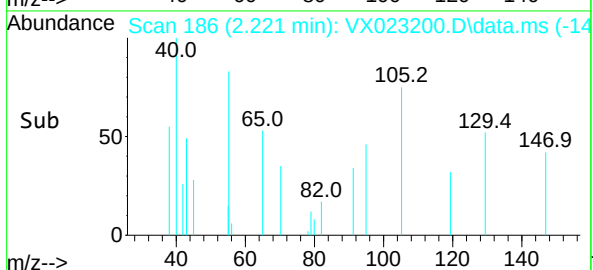
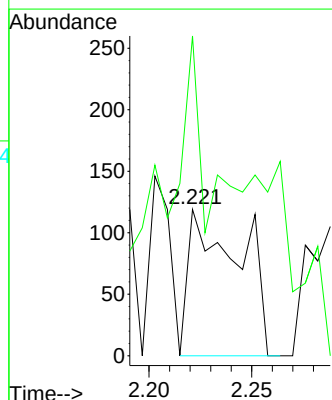
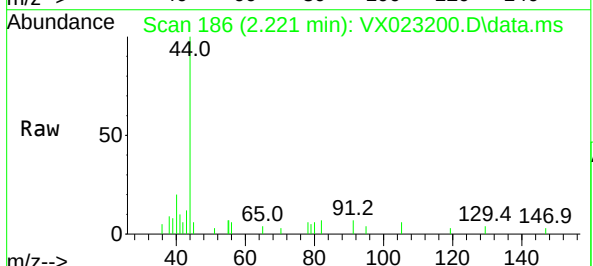
Tgt Ion: 59 Resp: 1439
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

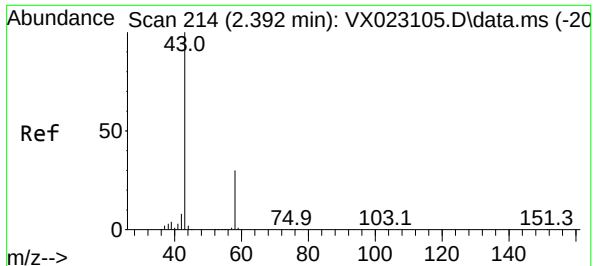


#13

Acrolein
Concen: 0.494 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.024 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 221.5 56.4 84.6#

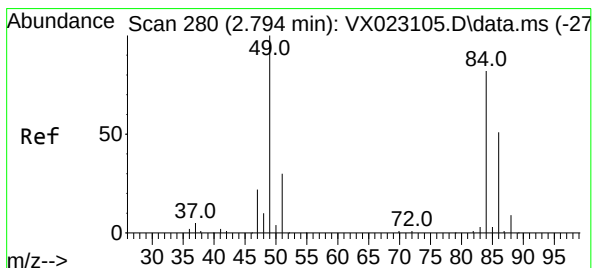
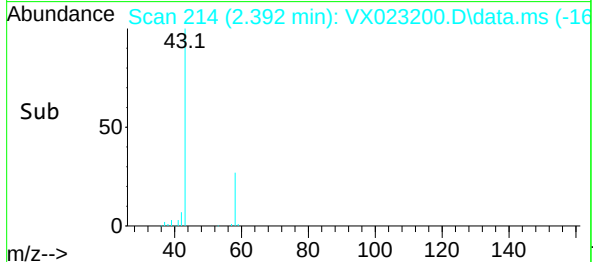
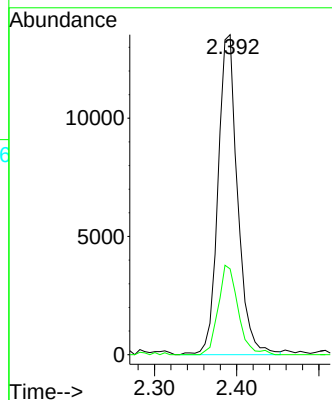
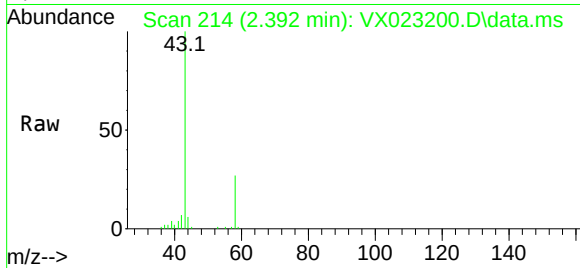




#16
Acetone
Concen: 19.088 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

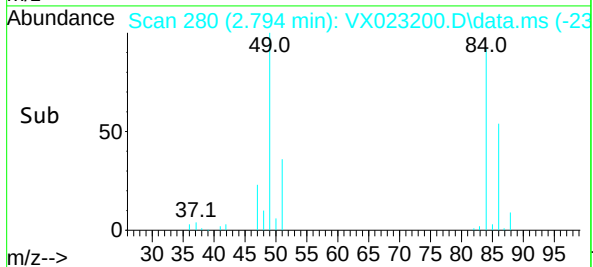
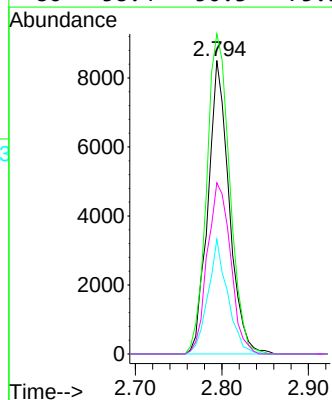
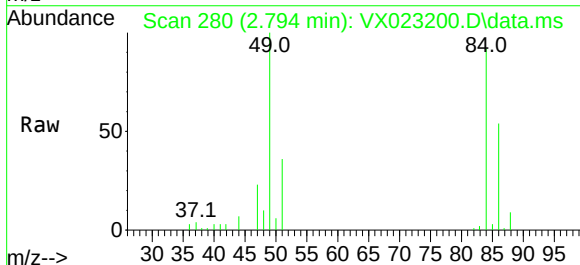
Instrument :
MSVOA_X
ClientSampled :

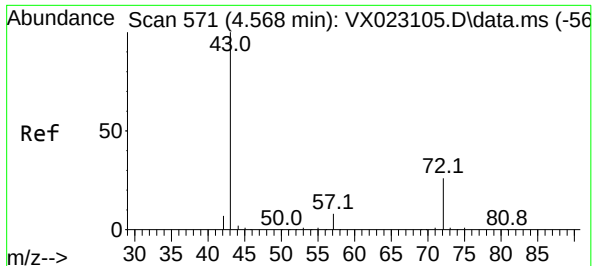
Tgt Ion: 43 Resp: 22378
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#



#20
Methylene Chloride
Concen: 5.736 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion: 84 Resp: 14477
Ion Ratio Lower Upper
84 100
49 109.0 88.6 132.8
51 39.1 27.0 40.6
86 58.4 50.3 75.5

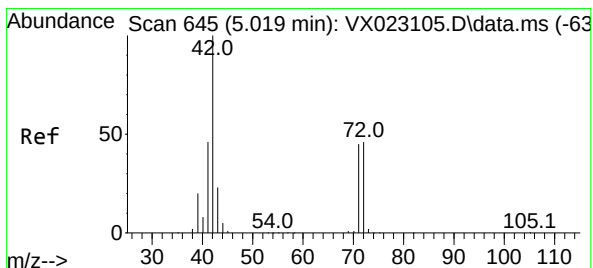
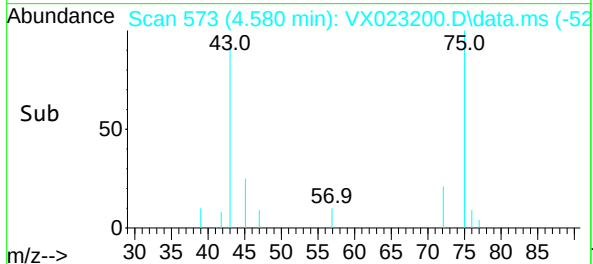
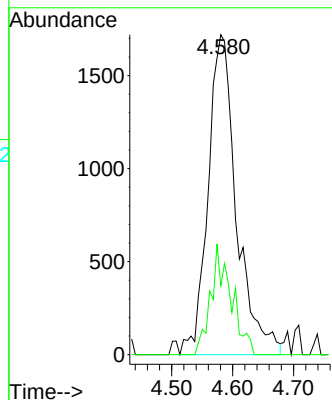
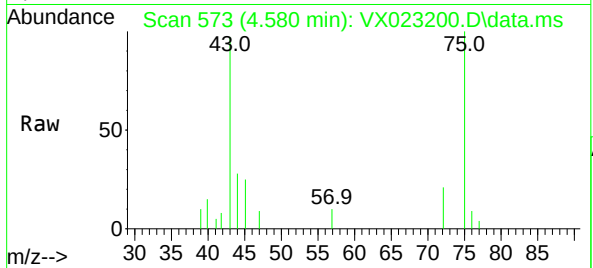




#25
2-Butanone
Concen: 3.158 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

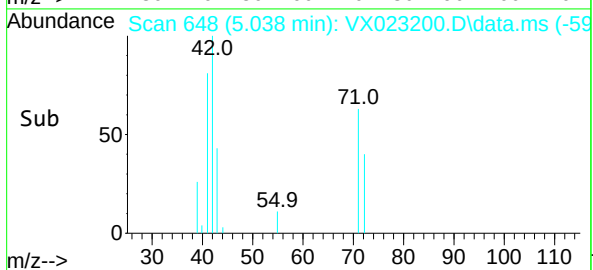
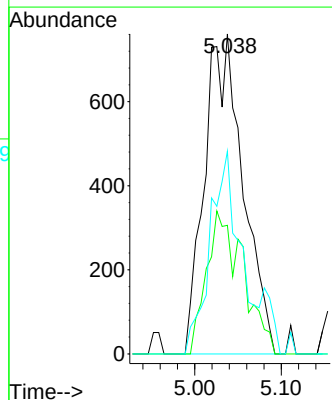
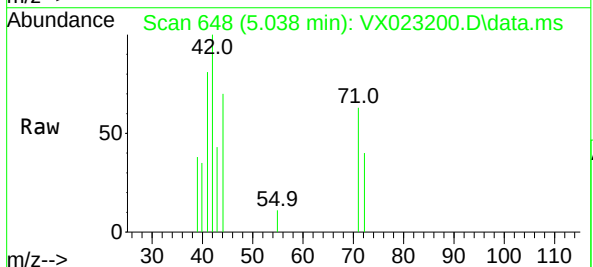
Instrument :
MSVOA_X
ClientSampled :

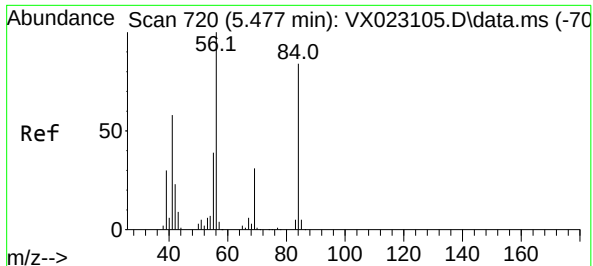
Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.070 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

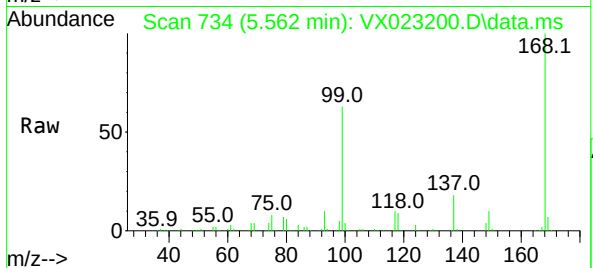
Tgt Ion: 42 Resp: 2352
Ion Ratio Lower Upper
42 100
72 42.4 41.7 62.5
71 49.4 38.4 57.6



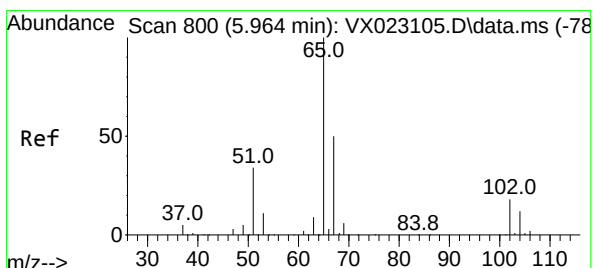
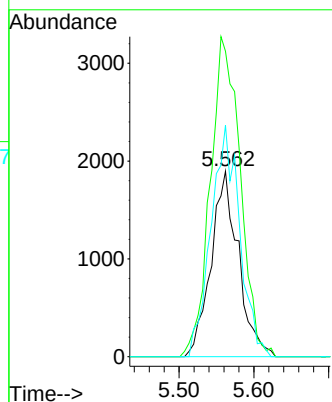
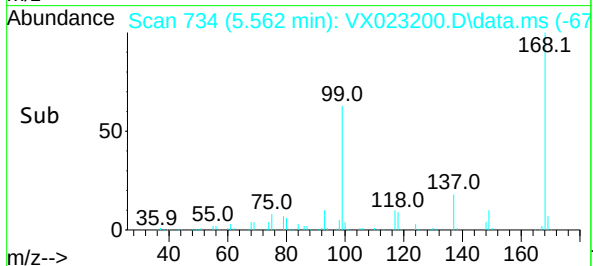


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

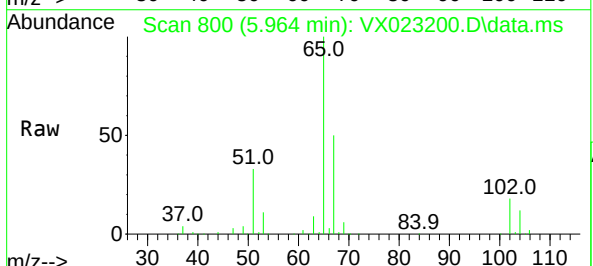
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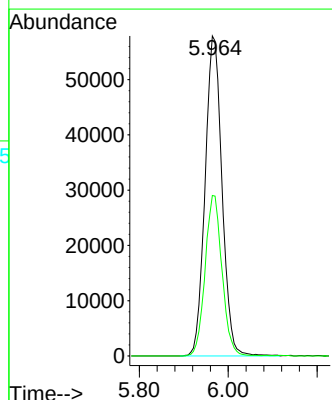
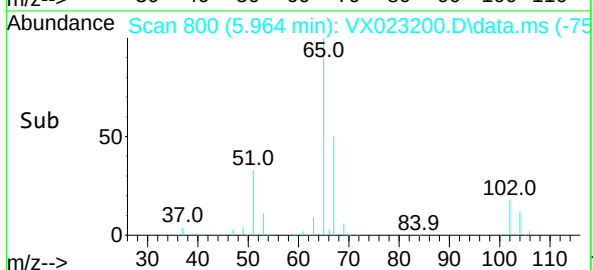
Tgt Ion: 56 Resp: 4833
Ion Ratio Lower Upper
56 100
69 164.6 25.3 37.9#
84 124.8 71.4 107.0#

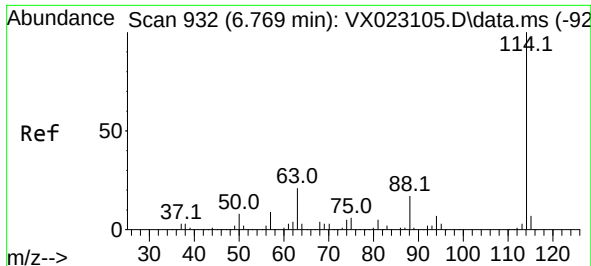


#33
1,2-Dichloroethane-d4
Concen: 51.910 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29



Tgt Ion: 65 Resp: 153820
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

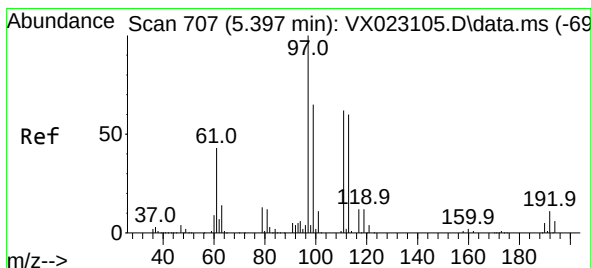
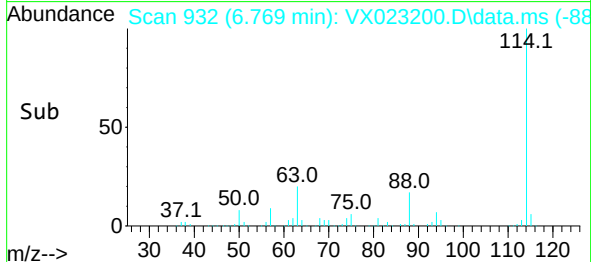
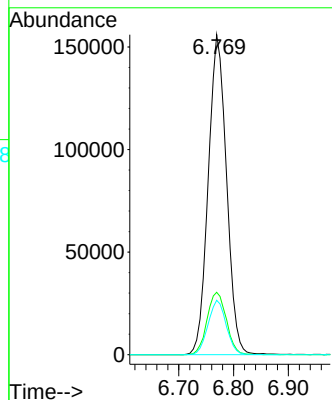
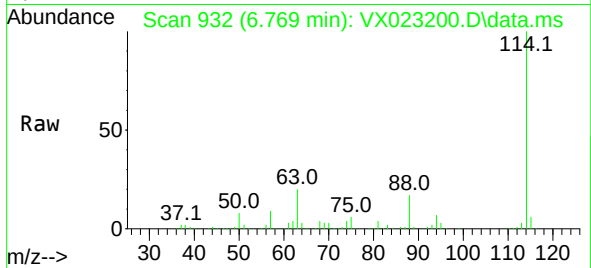




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

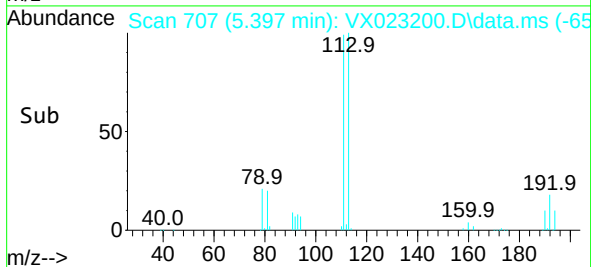
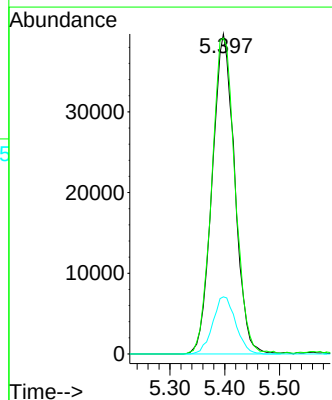
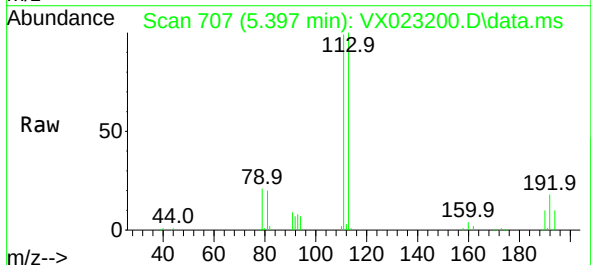
Instrument :
MSVOA_X
ClientSampled :

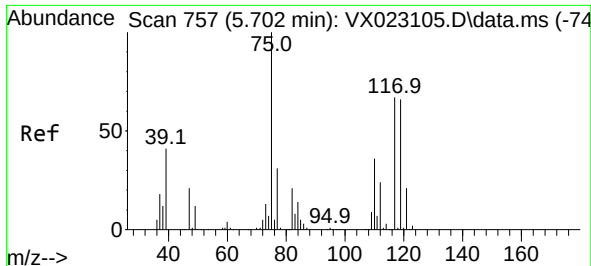
Tgt Ion:114 Resp: 360773
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.450 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion:113 Resp: 112876
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.1 16.7 25.1

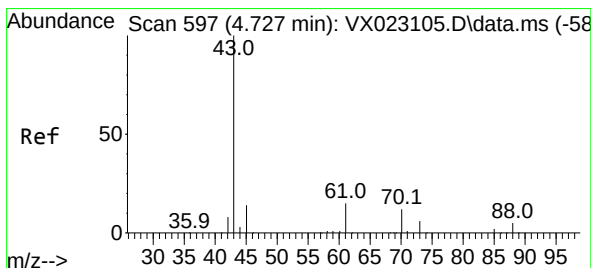
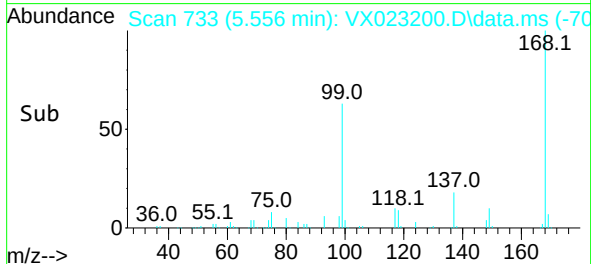
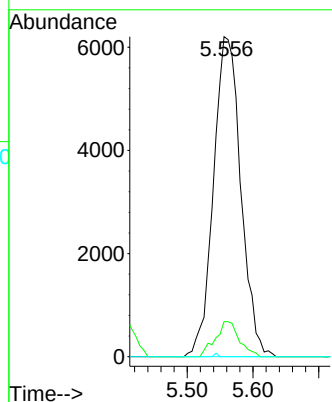
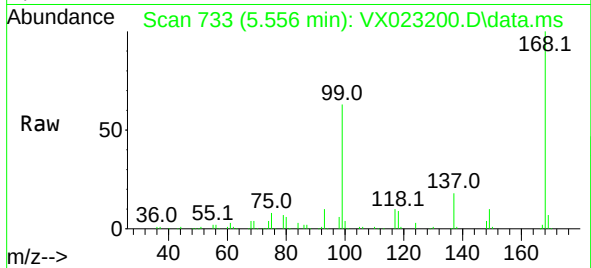




#36
1,1-Dichloropropene
Concen: 5.576 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

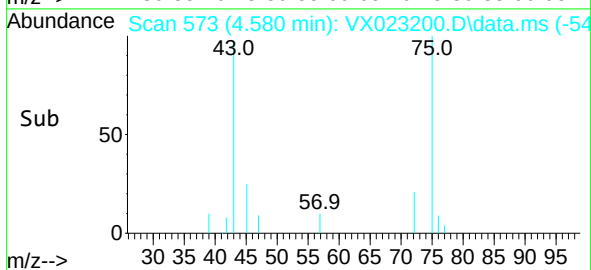
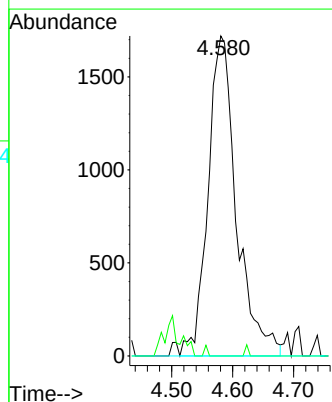
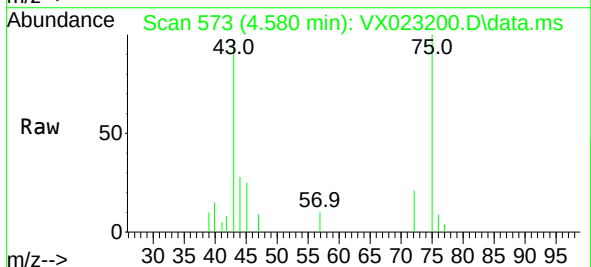
Instrument :
MSVOA_X
ClientSampled :

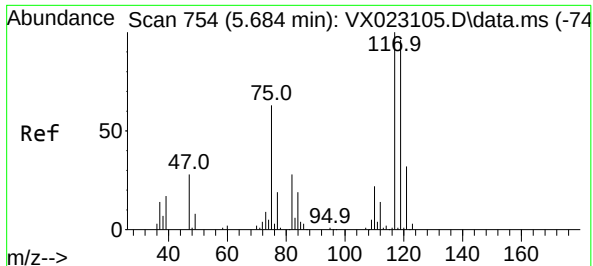
Tgt Ion: 75 Resp: 17934
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.1 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.591 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

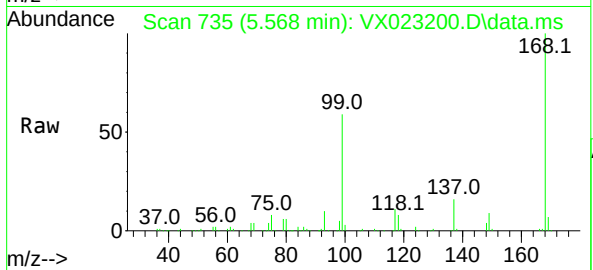
Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



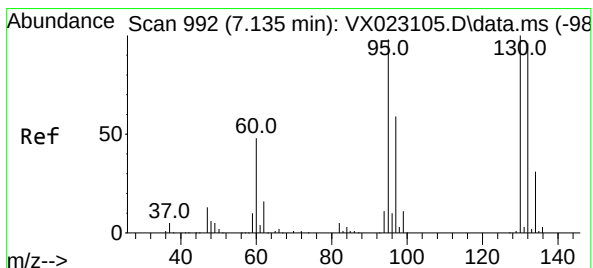
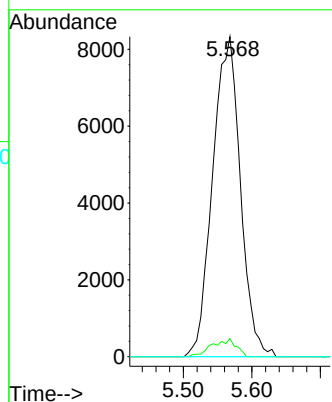
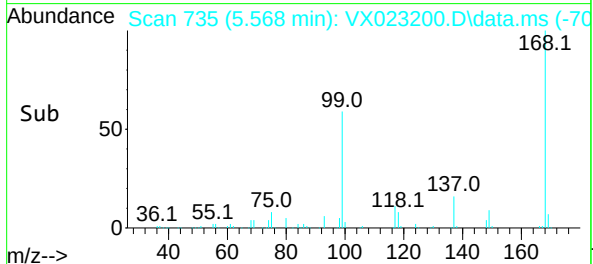


#38
Carbon Tetrachloride
Concen: 6.972 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

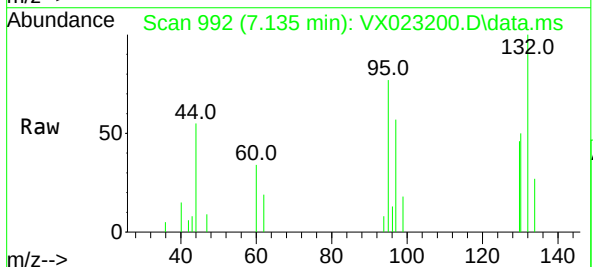
Instrument :
MSVOA_X
ClientSampled :



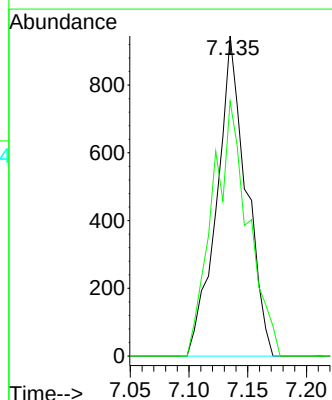
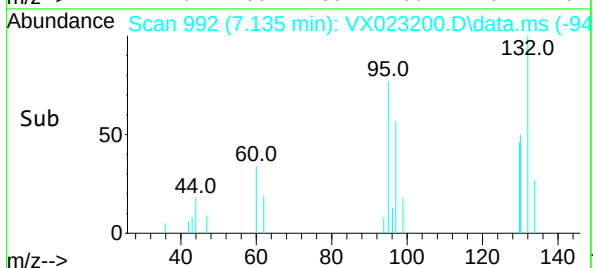
Tgt Ion:117 Resp: 23404
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

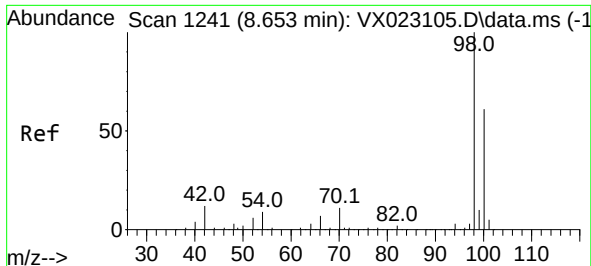


#44
Trichloroethene
Concen: 0.623 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29



Tgt Ion:130 Resp: 1651
Ion Ratio Lower Upper
130 100
95 79.7 0.0 198.0

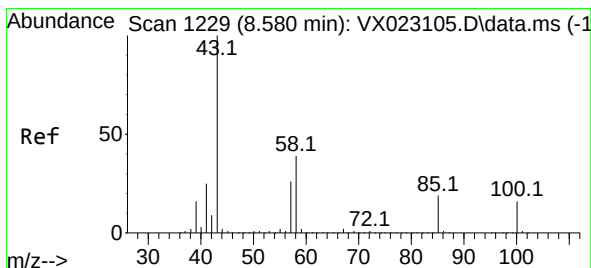
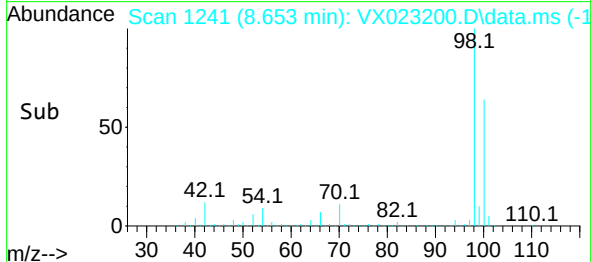
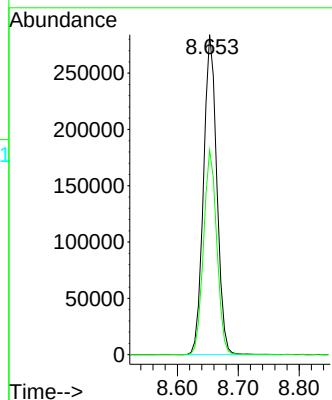
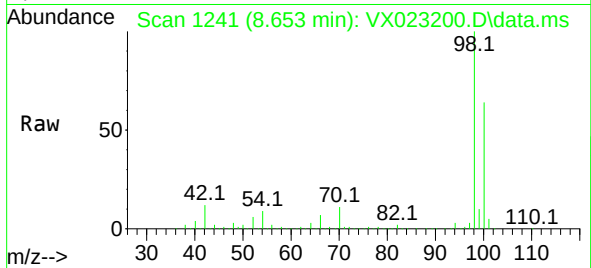




#50
Toluene-d8
Concen: 49.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

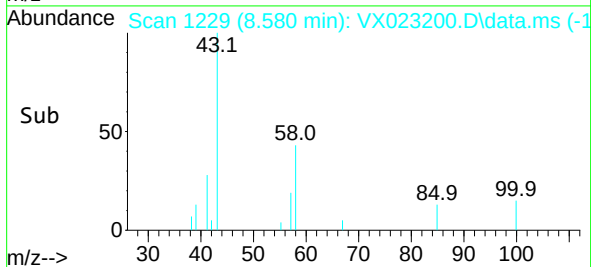
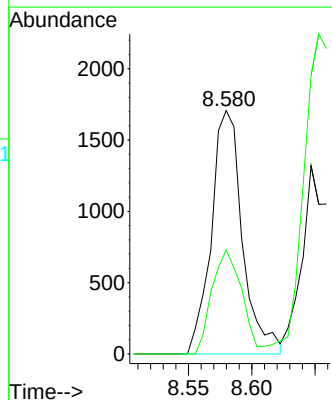
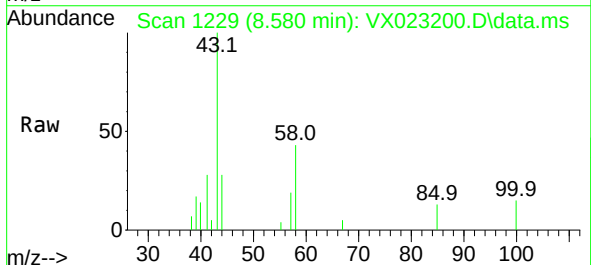
Instrument :
MSVOA_X
ClientSampled :

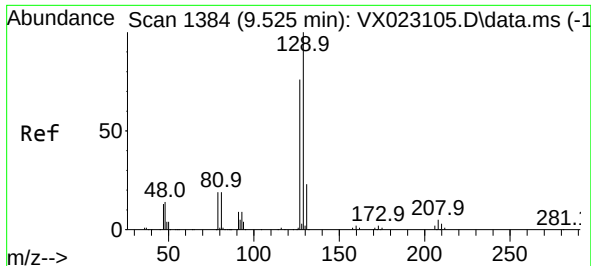
Tgt Ion: 98 Resp: 431432
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.806 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
58 41.3 35.4 53.0

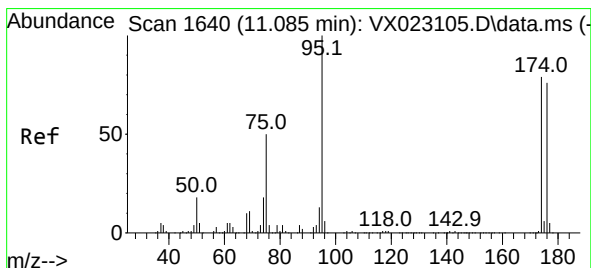
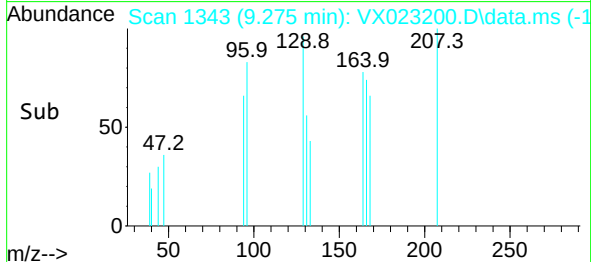
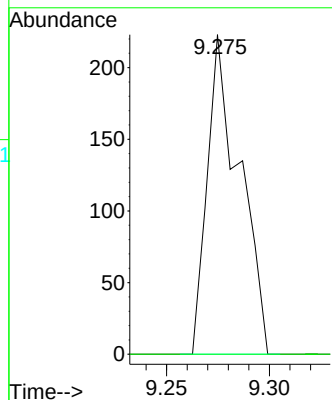
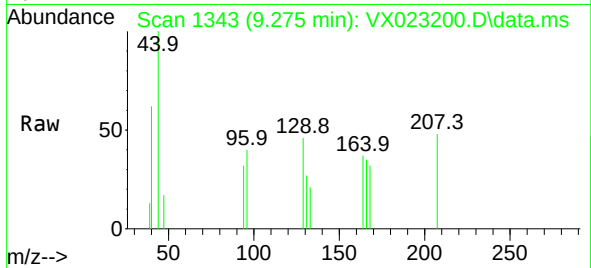




#60
Dibromochloromethane
Concen: 3.193 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

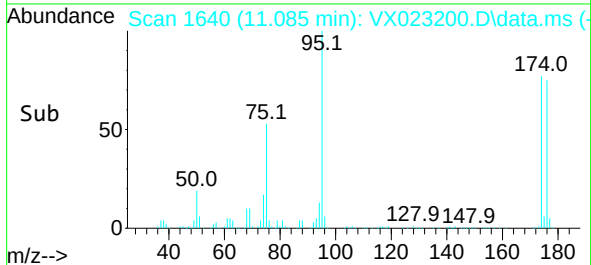
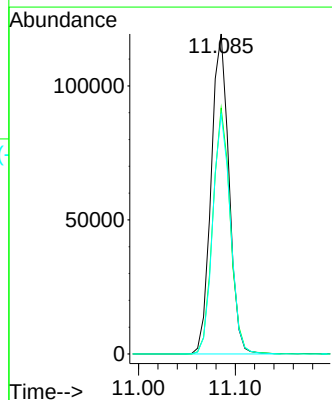
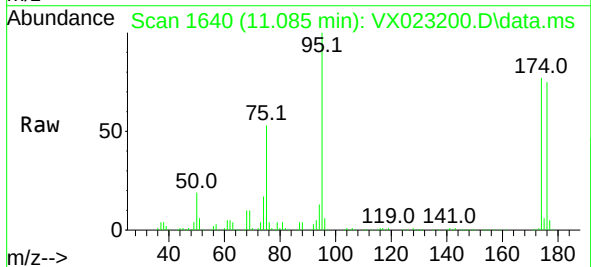
Instrument :
MSVOA_X
ClientSampled :

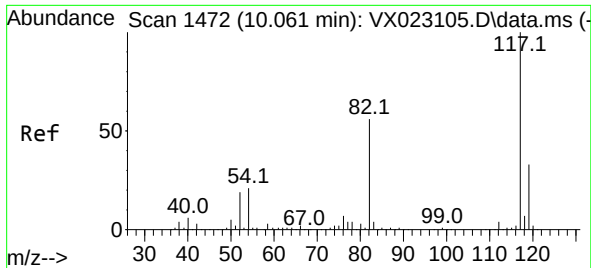
Tgt Ion:129 Resp: 243
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.604 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion: 95 Resp: 153002
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 74.1 0.0 155.8

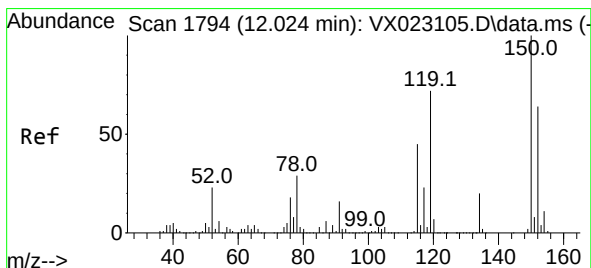
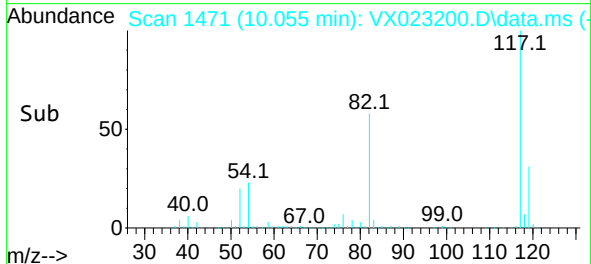
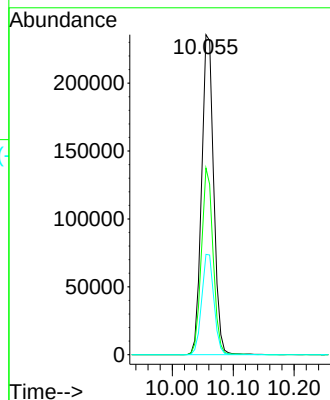
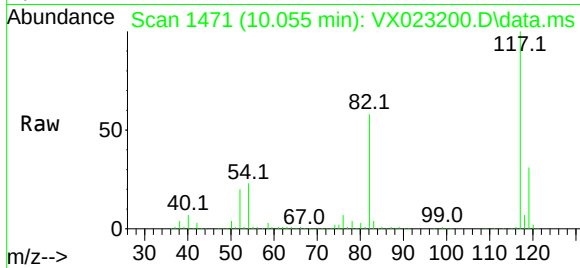




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

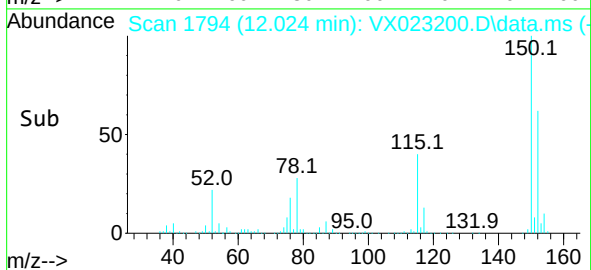
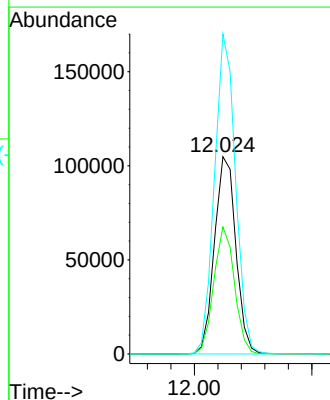
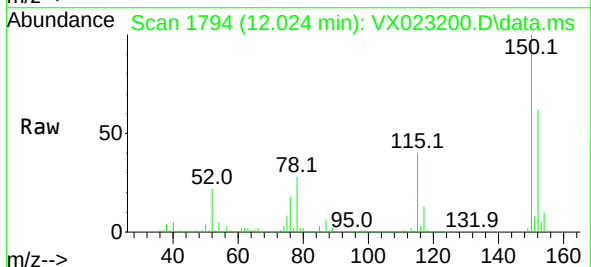
Instrument :
MSVOA_X
ClientSampled :

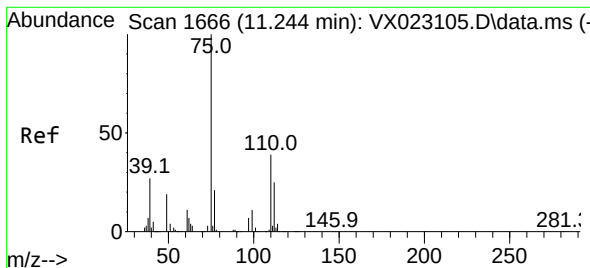
Tgt Ion:117 Resp: 324537
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Tgt Ion:152 Resp: 132862
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 159.1 0.0 349.0

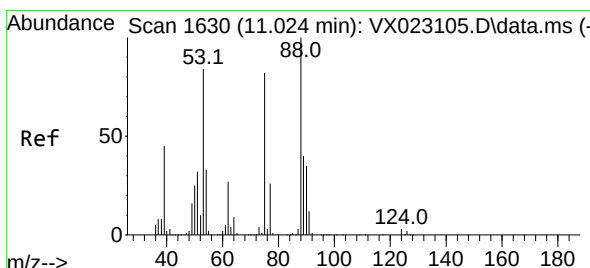
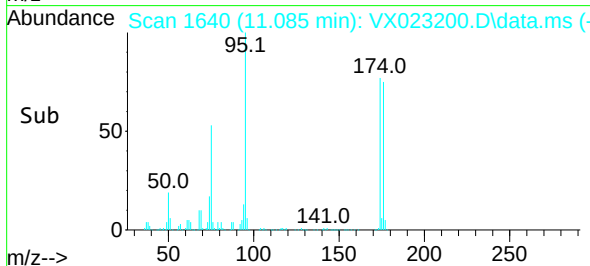
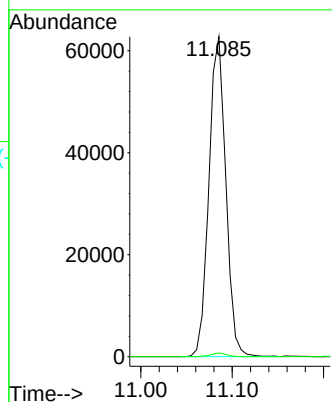
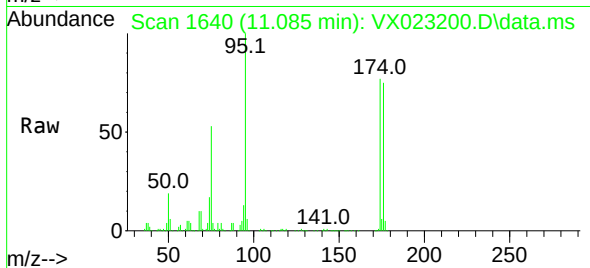




#76
1,2,3-Trichloropropane
Concen: 30.046 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

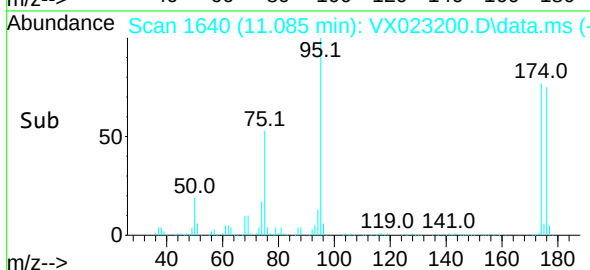
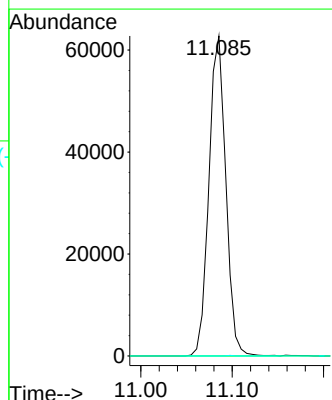
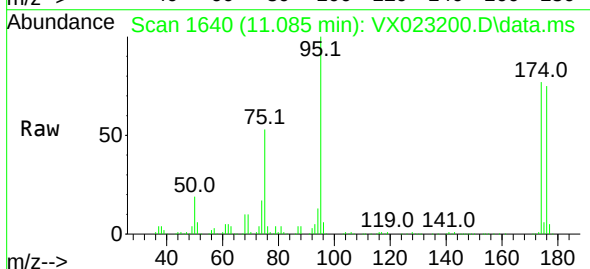
Instrument :
MSVOA_X
ClientSampled :

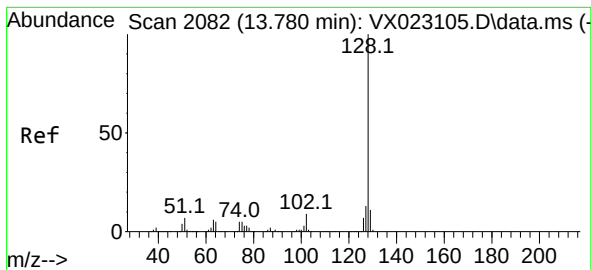
Tgt Ion: 75 Resp: 80333
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.668 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

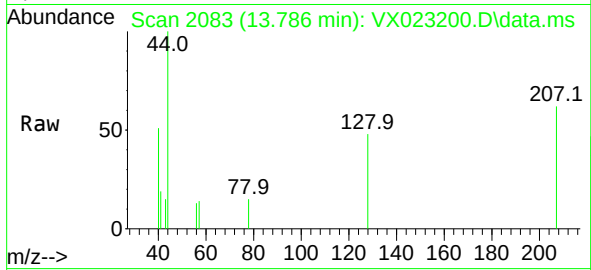
Tgt Ion: 75 Resp: 80333
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.300 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023200.D
Acq: 08 Jul 2021 15:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 250
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

