

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022293.D
 Acq On : 01 Jun 2021 16:13
 Operator : JC/MD
 Sample : M2529-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41791

Quant Time: Jun 02 03:21:44 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)

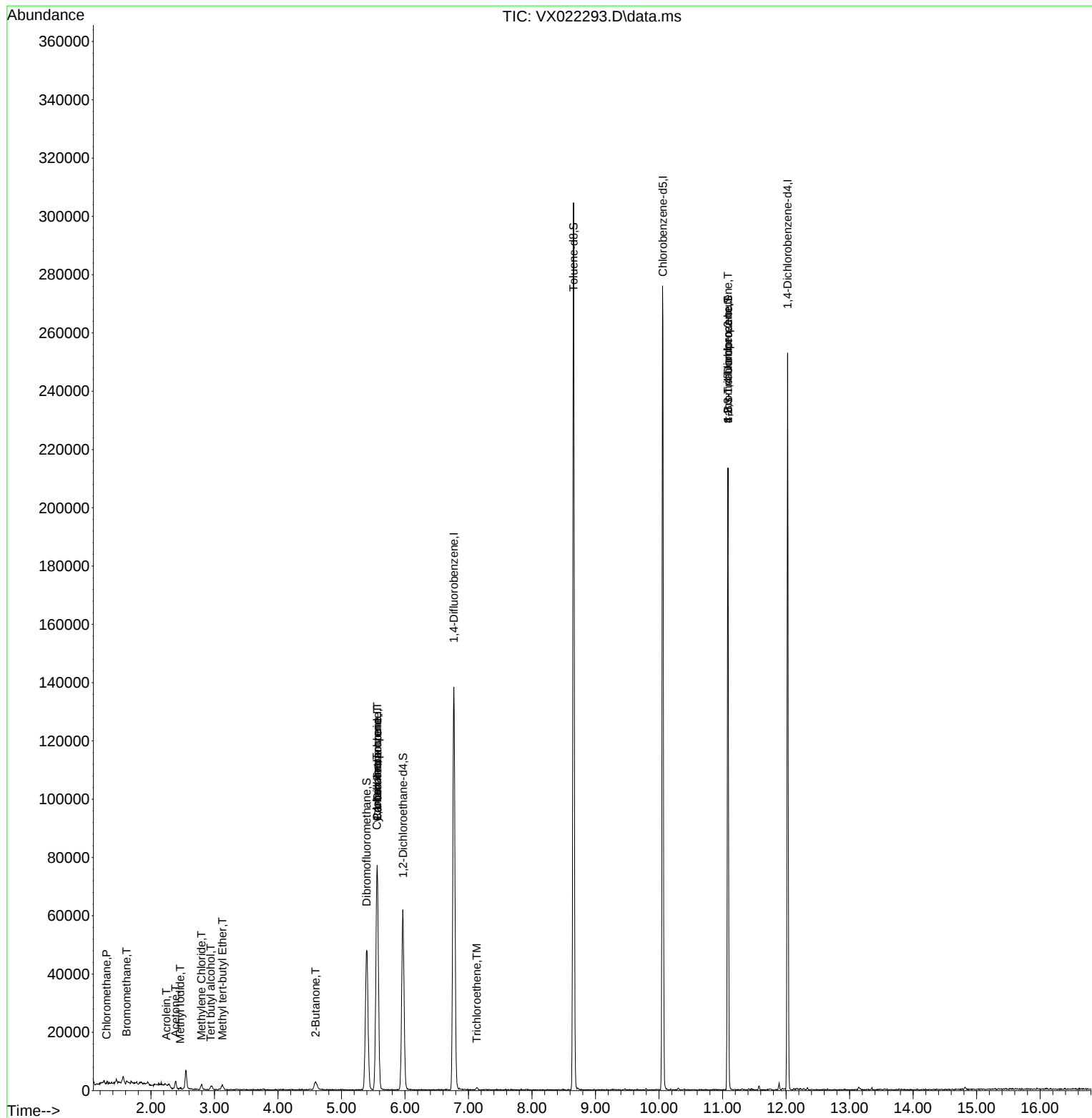
Internal Standards						
1) Pentafluorobenzene	5.562	168	67454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	119554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	55423	53.26	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	106.52%		
35) Dibromofluoromethane	5.397	113	42007	47.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.82%		
50) Toluene-d8	8.653	98	170003	49.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.62%		
62) 4-Bromofluorobenzene	11.085	95	57818	45.83	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.66%		
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	219	0.25	ug/l #	85
5) Bromomethane	1.617	94	322	0.59	ug/l #	60
10) Methyl Iodide	2.459	142	391	0.46	ug/l #	71
11) Tert butyl alcohol	2.940	59	990	4.16	ug/l #	73
13) Acrolein	2.239	56	59	0.37	ug/l #	1
16) Acetone	2.386	43	3177	7.01	ug/l #	86
19) Methyl tert-butyl Ether	3.123	73	1693	0.64	ug/l	92
20) Methylene Chloride	2.794	84	817	0.81	ug/l #	74
25) 2-Butanone	4.592	43	791	1.08	ug/l #	45
31) Cyclohexane	5.556	56	1849	1.41	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	6285	4.86	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7567	5.99	ug/l #	16
44) Trichloroethene	7.129	130	397	0.40	ug/l	50
76) 1,2,3-Trichloropropane	11.085	75	29700	26.99	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29700	63.95	ug/l #	12

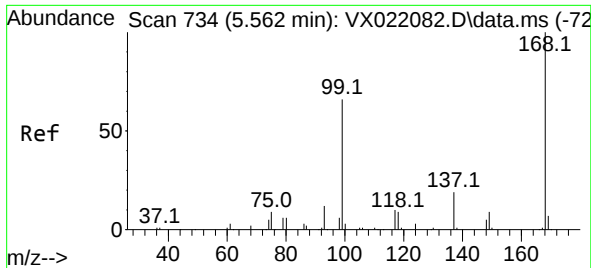
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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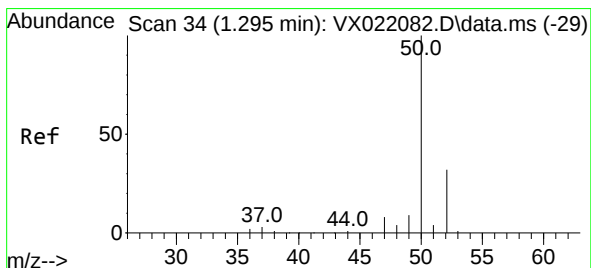
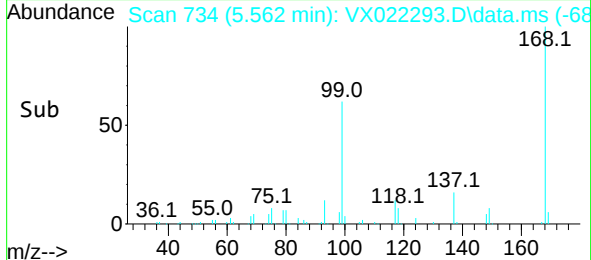
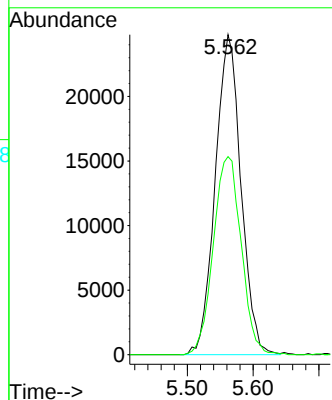
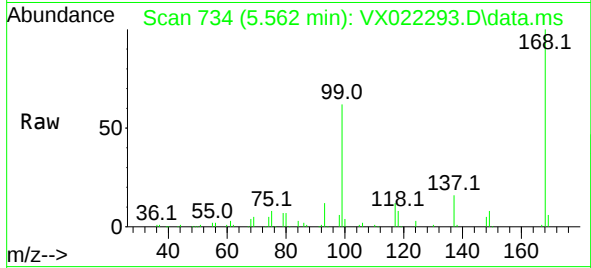




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

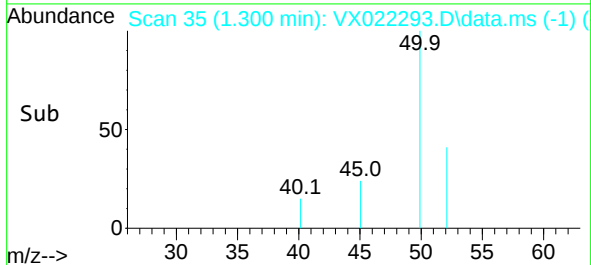
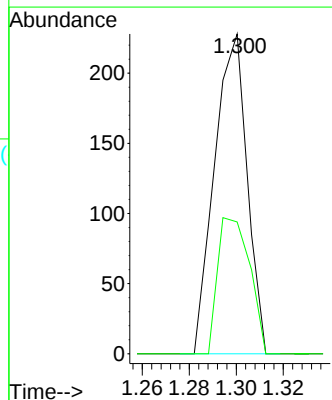
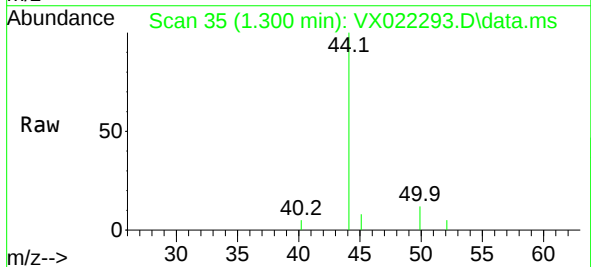
Instrument :
MSVOA_X
ClientSampleId :
41791

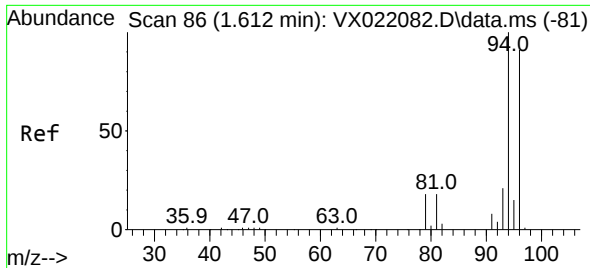
Tgt Ion:168 Resp: 67454
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 41.2 26.4 39.6#

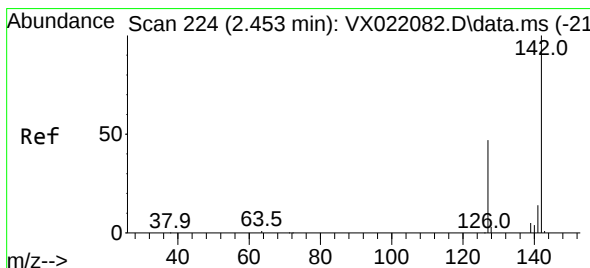
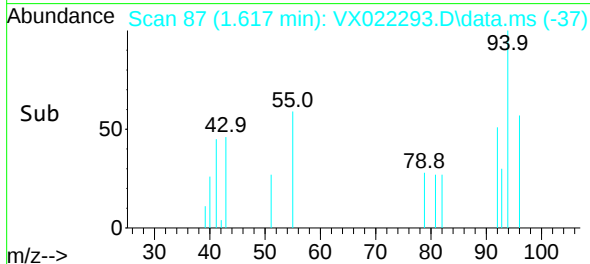
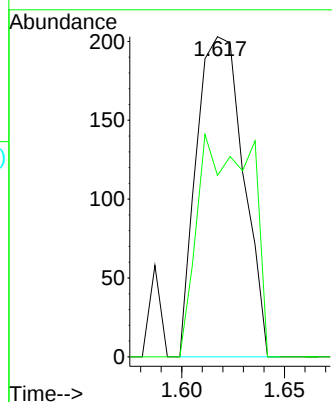
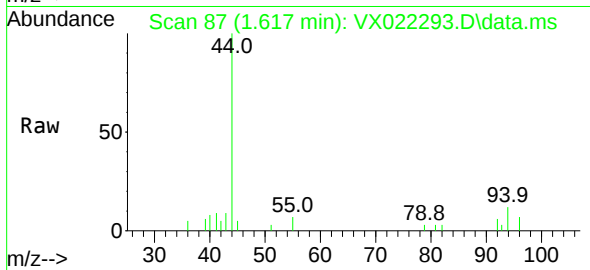




#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

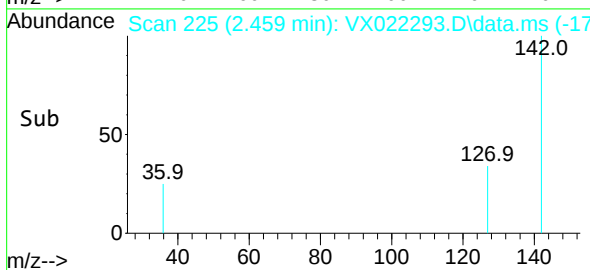
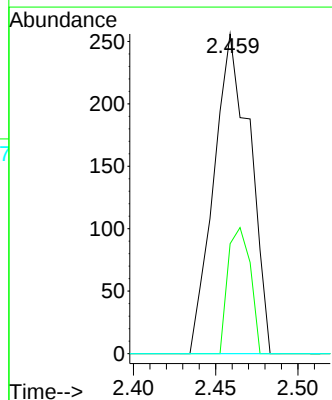
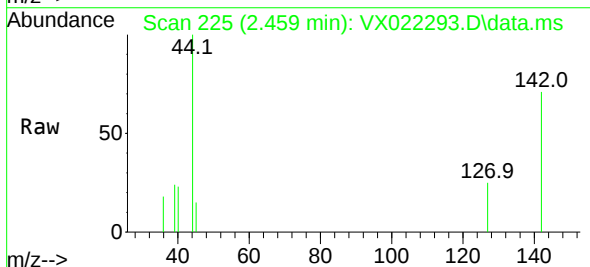
Instrument :
MSVOA_X
ClientSampled :
41791

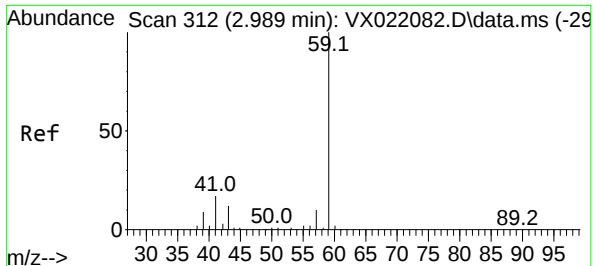
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 56.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.46 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion: 142 Resp: 391
Ion Ratio Lower Upper
142 100
127 24.6 33.3 49.9#
141 0.0 11.4 17.0#



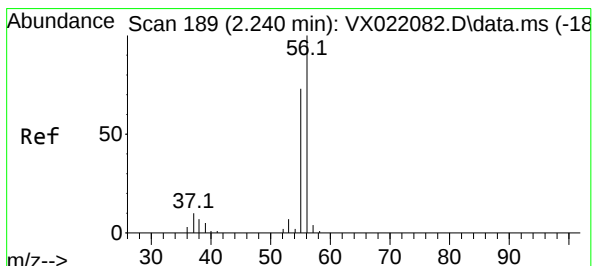
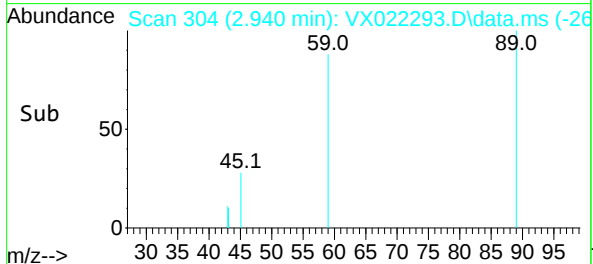
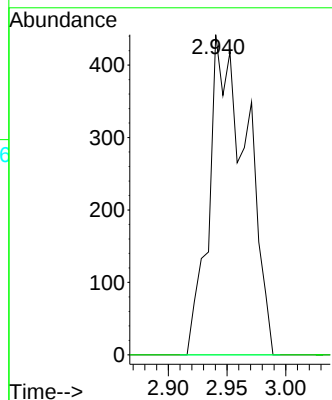
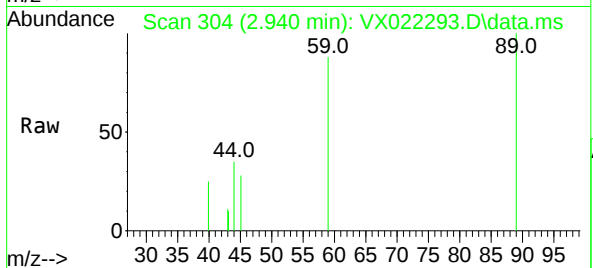


#11

Tert butyl alcohol
Concen: 4.16 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampled :
41791

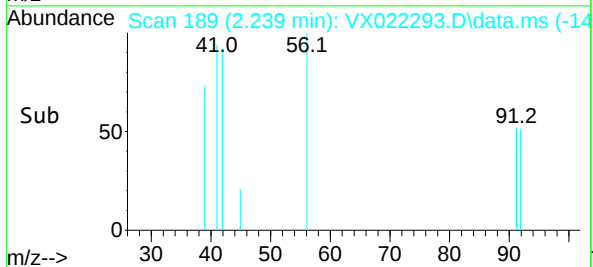
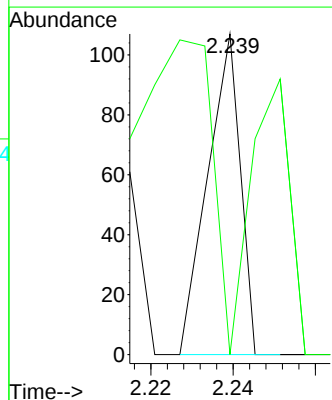
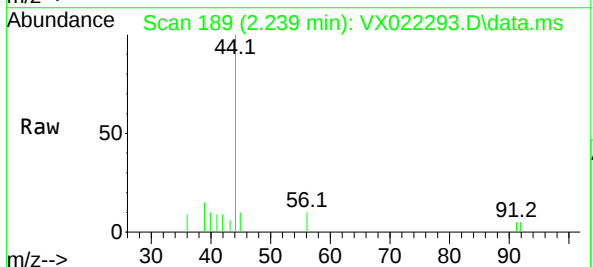
Tgt Ion: 59 Resp: 990
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

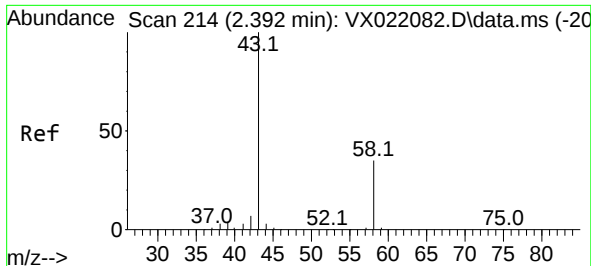


#13

Acrolein
Concen: 0.37 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

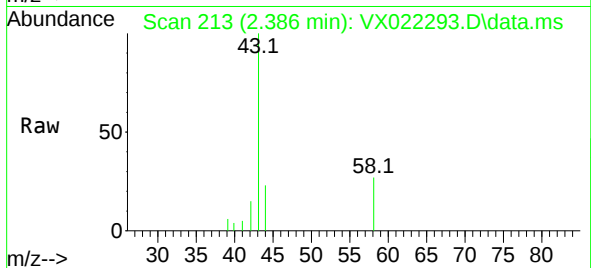
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 274.6 56.4 84.6#



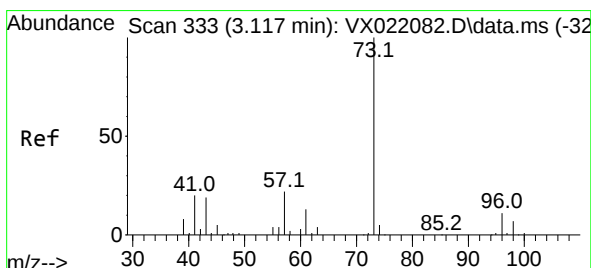
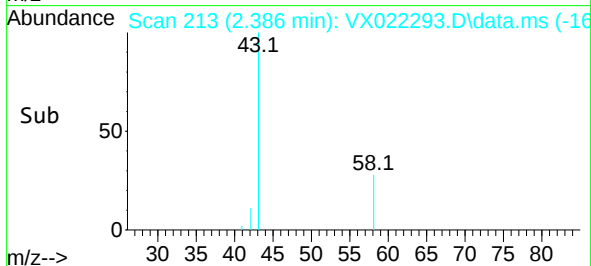
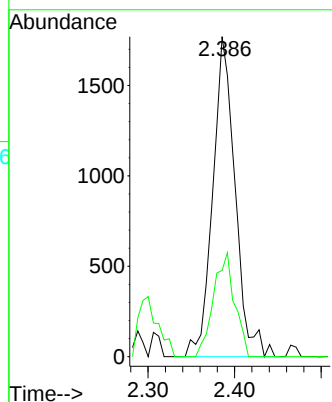


#16
Acetone
Concen: 7.01 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampled :
41791

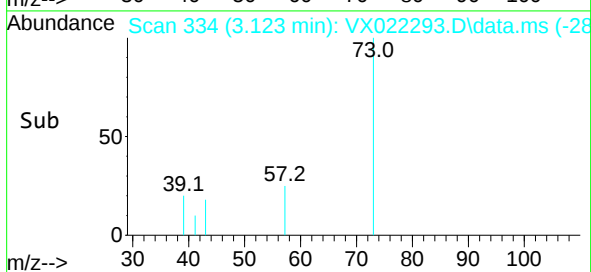
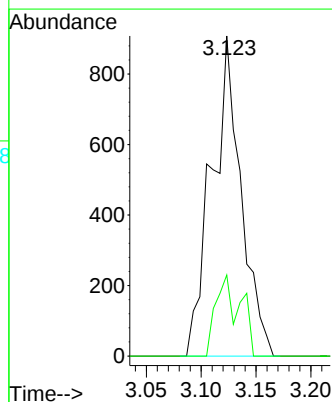
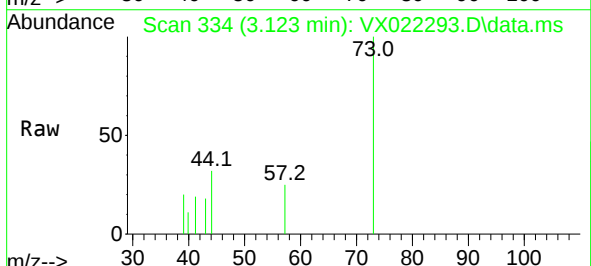


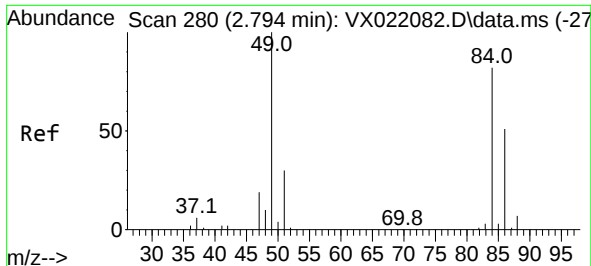
Tgt Ion: 43 Resp: 3177
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 0.64 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion: 73 Resp: 1693
Ion Ratio Lower Upper
73 100
57 25.3 17.1 25.7

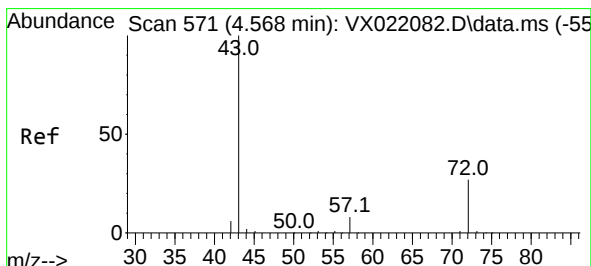
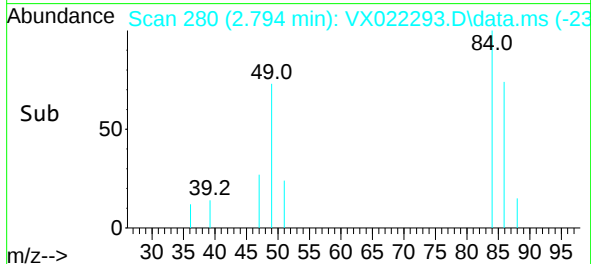
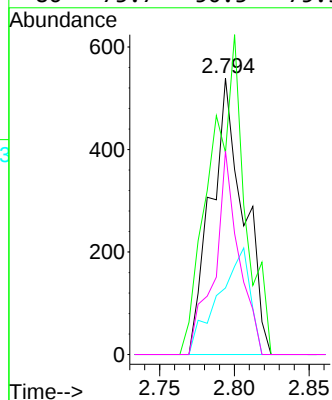
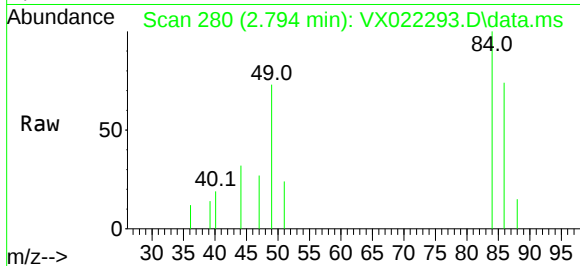




#20
Methylene Chloride
Concen: 0.81 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

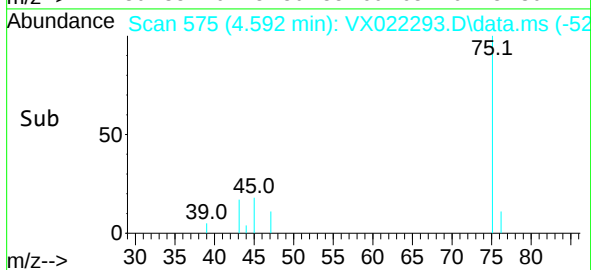
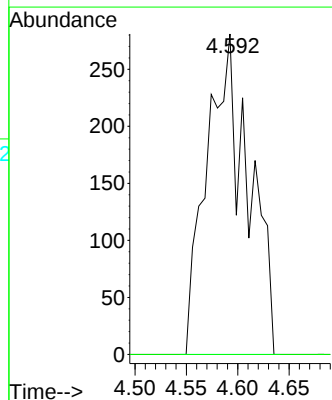
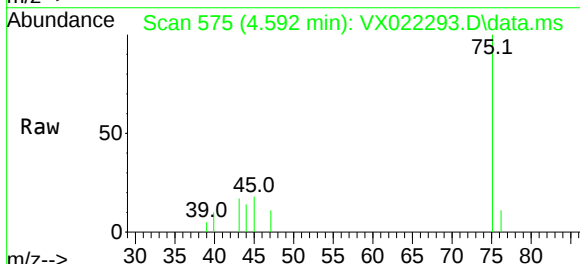
Instrument :
MSVOA_X
ClientSampled :
41791

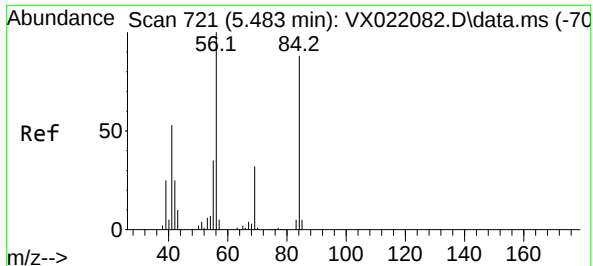
Tgt Ion: 84	Resp: 817
Ion Ratio	Lower Upper
84 100	
49 73.1	88.6 132.8#
51 24.1	27.0 40.6#
86 73.7	50.3 75.5



#25
2-Butanone
Concen: 1.08 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

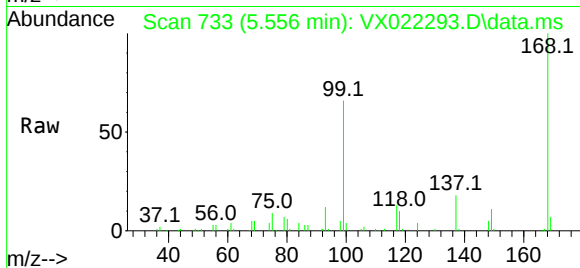
Tgt Ion: 43	Resp: 791		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	23.7	35.5#	



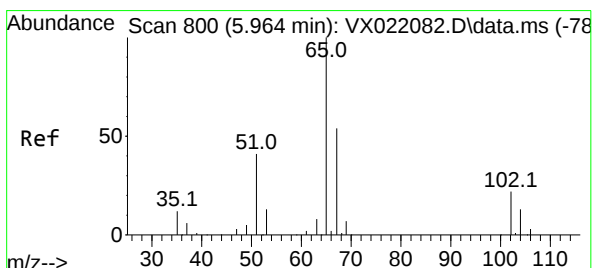
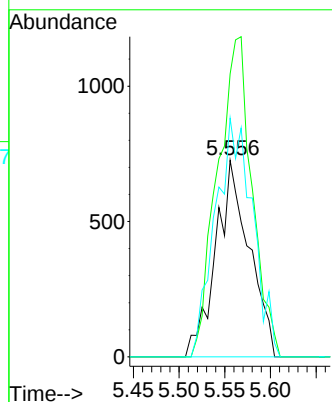
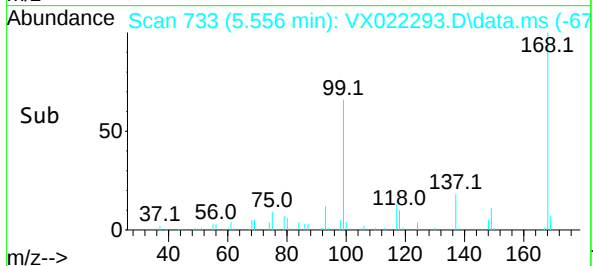


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

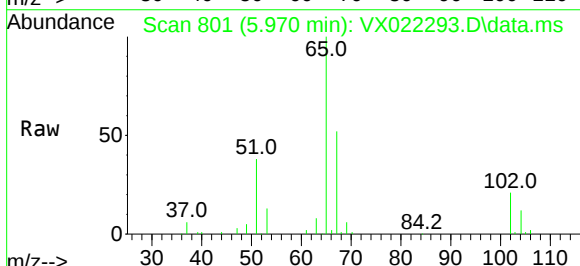
Instrument :
MSVOA_X
ClientSampled :
41791



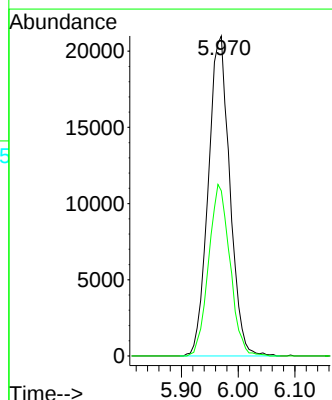
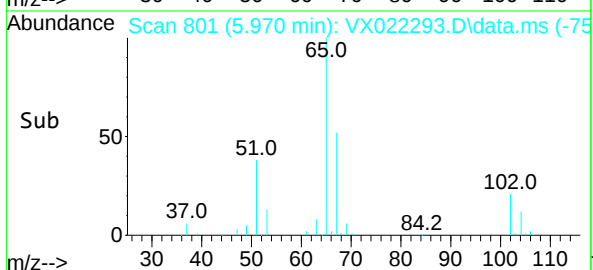
Tgt Ion: 56 Resp: 1849
Ion Ratio Lower Upper
56 100
69 143.9 25.3 37.9#
84 121.5 71.4 107.0#

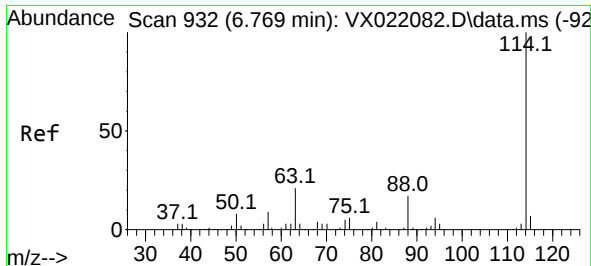


#33
1,2-Dichloroethane-d4
Concen: 53.26 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13



Tgt Ion: 65 Resp: 55423
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

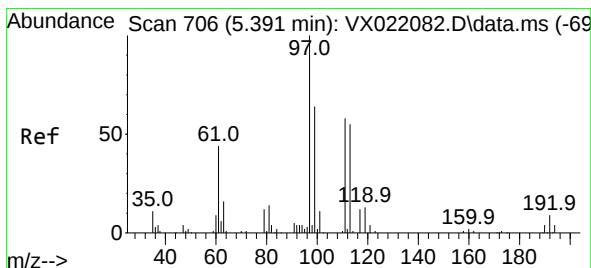
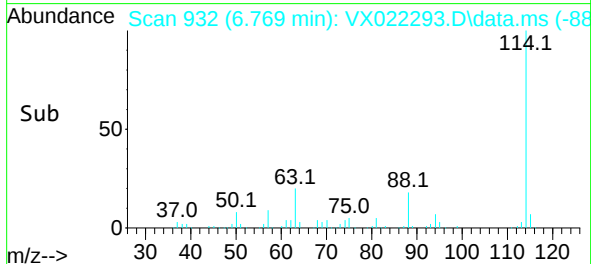
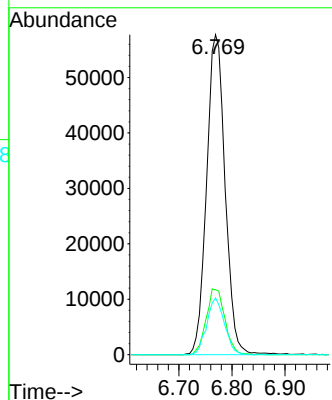
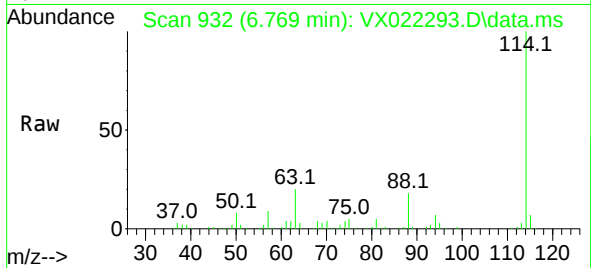




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

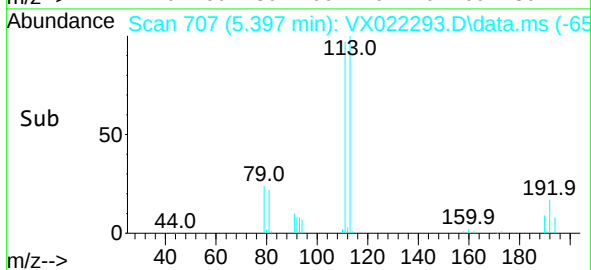
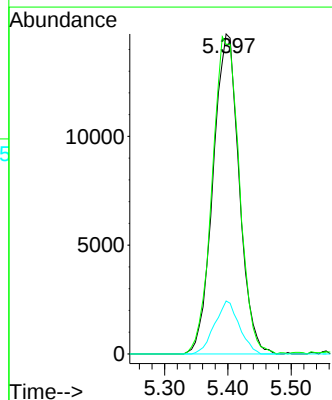
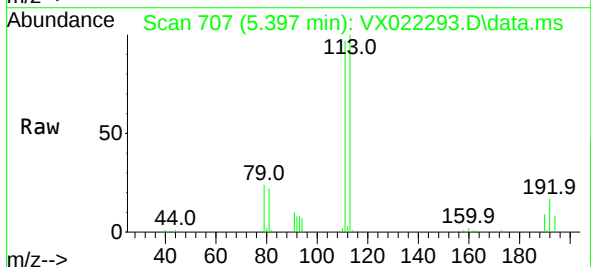
Instrument :
MSVOA_X
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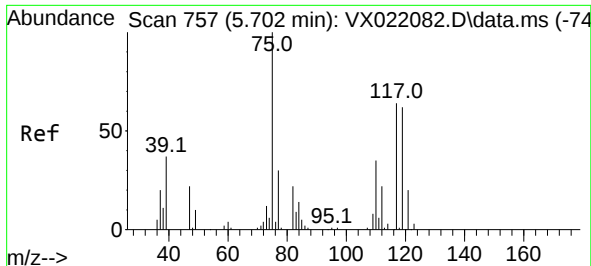
Tgt Ion:114 Resp: 139709
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 17.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.41 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion:113 Resp: 42007
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 15.6 16.7 25.1#

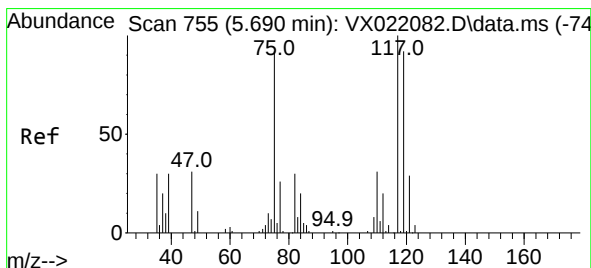
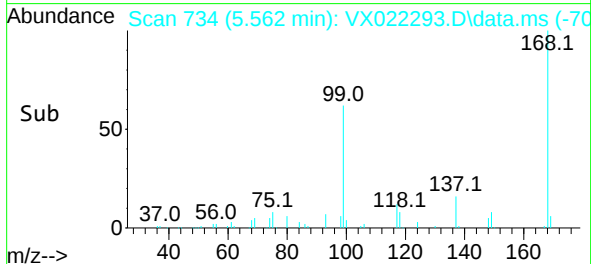
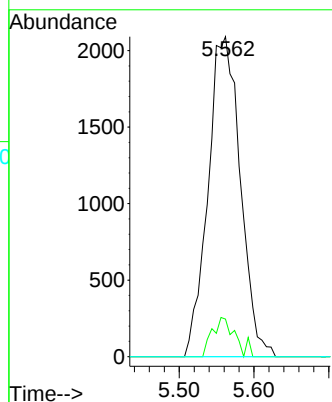
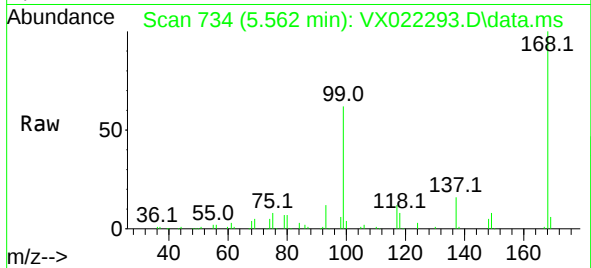




#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

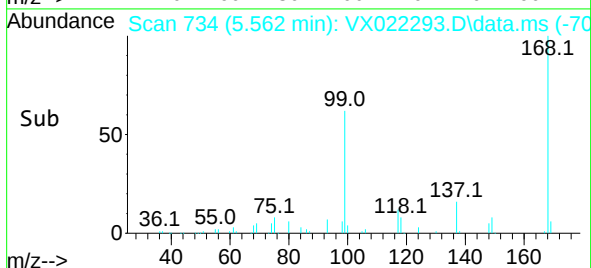
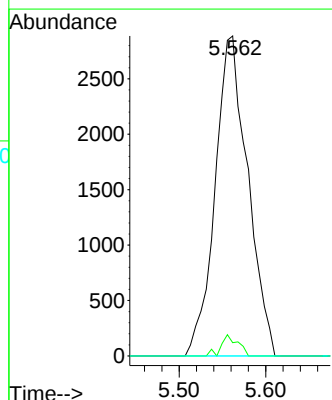
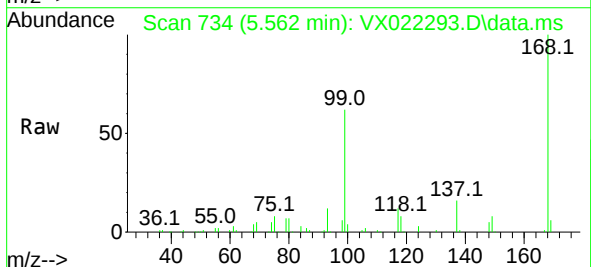
Instrument :
MSVOA_X
ClientSampled :
41791

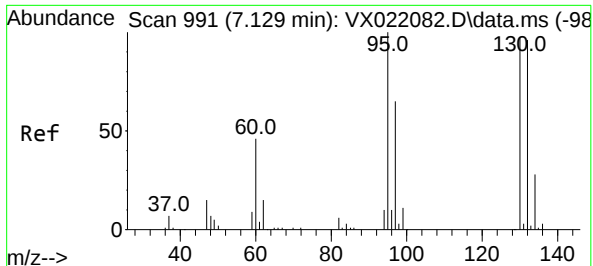
Tgt Ion: 75 Resp: 6285
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion: 117 Resp: 7567
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

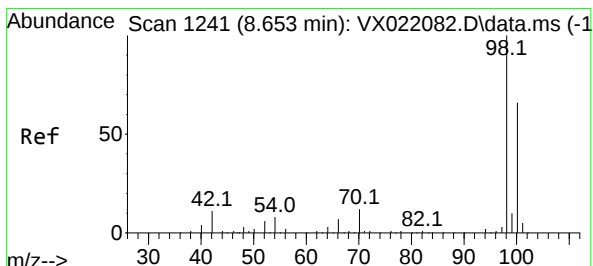
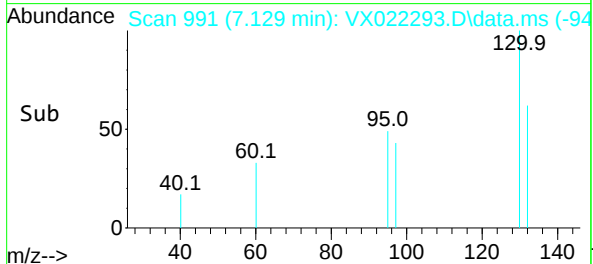
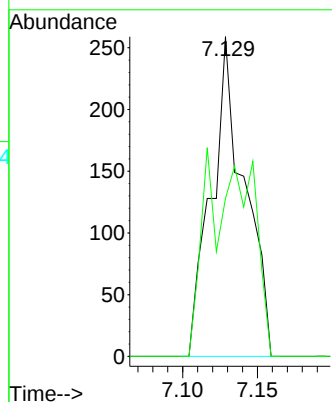
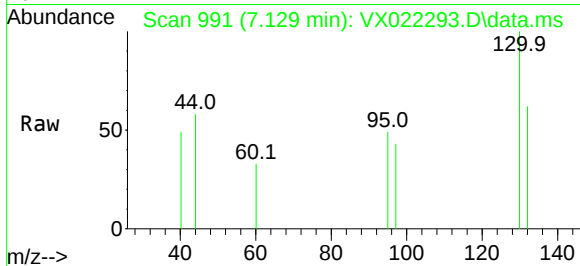




#44
Trichloroethene
Concen: 0.40 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

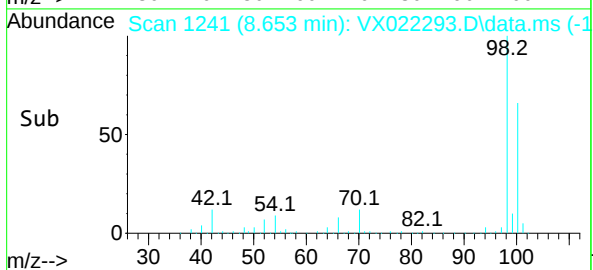
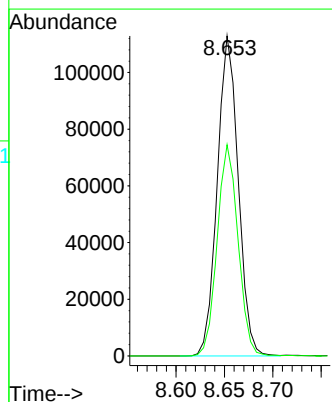
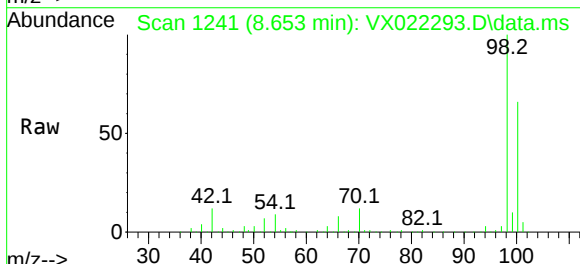
Instrument :
MSVOA_X
ClientSampled :
41791

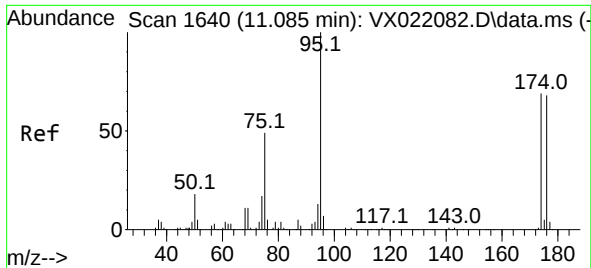
Tgt Ion:130 Resp: 397
Ion Ratio Lower Upper
130 100
95 49.4 0.0 198.0



#50
Toluene-d8
Concen: 49.81 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion: 98 Resp: 170003
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

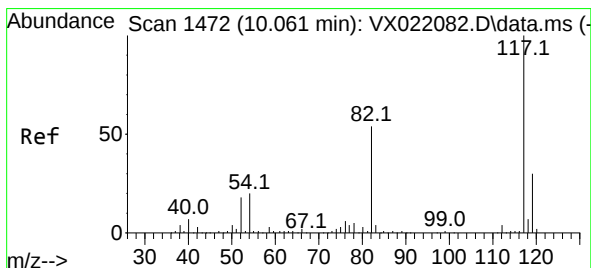
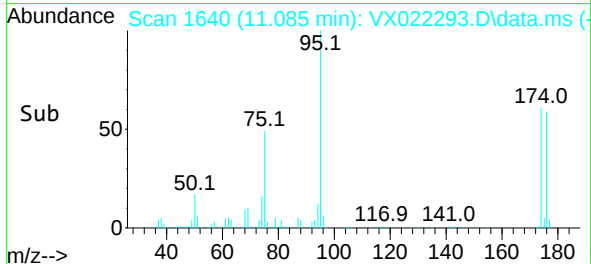
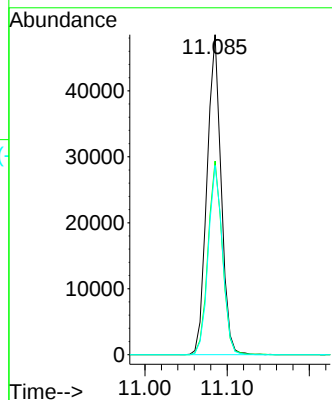
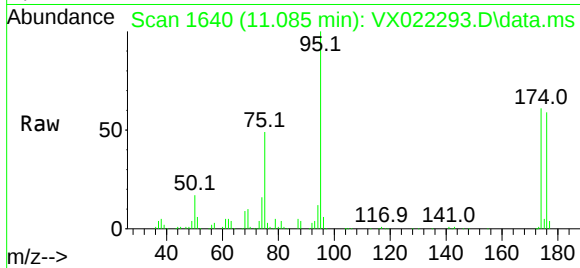




#62
4-Bromofluorobenzene
Concen: 45.83 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

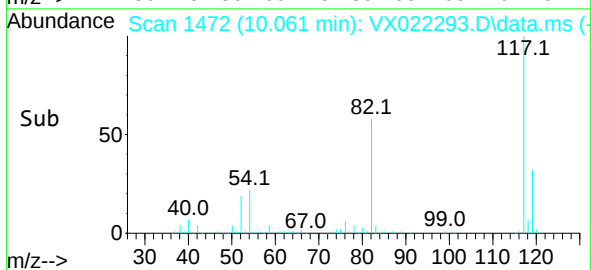
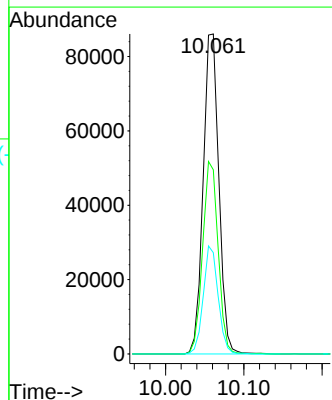
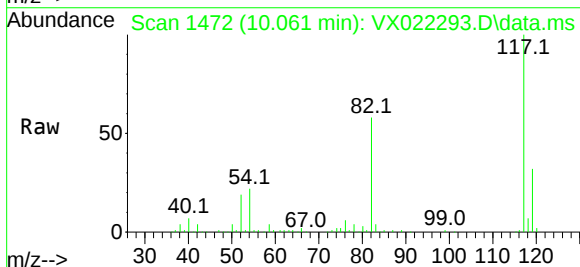
Instrument :
MSVOA_X
ClientSampleId :
41791

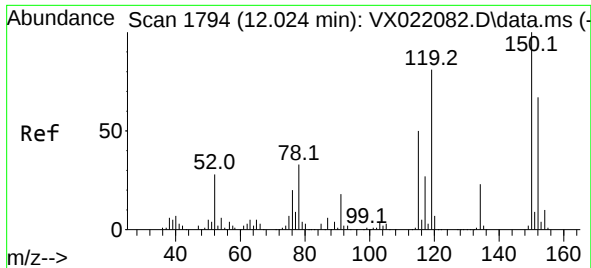
Tgt Ion: 95 Resp: 57818
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 59.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Tgt Ion: 117 Resp: 119554
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.7 26.6 39.8

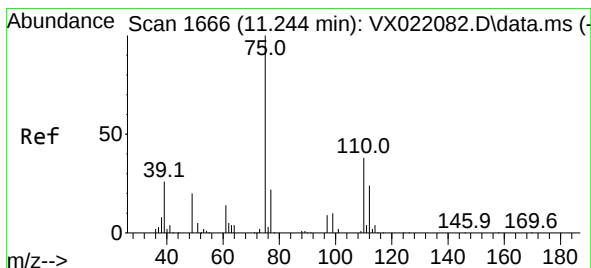
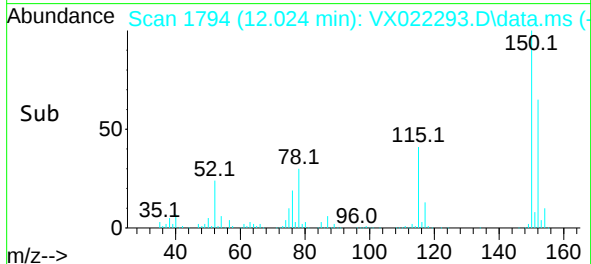
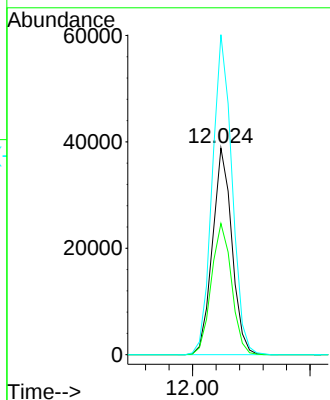
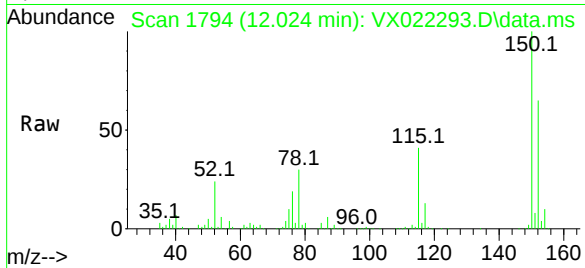




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022293.D
 Acq: 01 Jun 2021 16:13

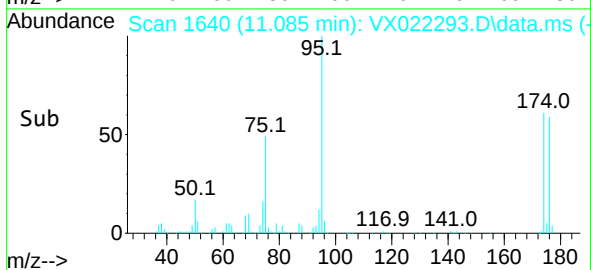
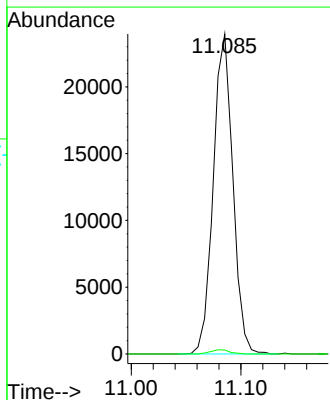
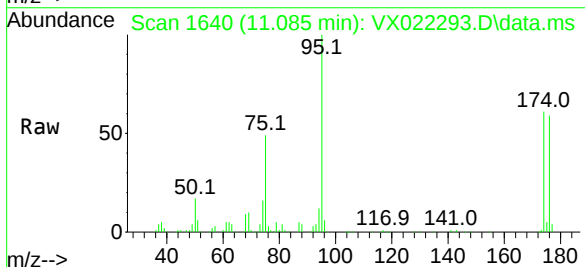
Instrument :
 MSVOA_X
 ClientSampled :
 41791

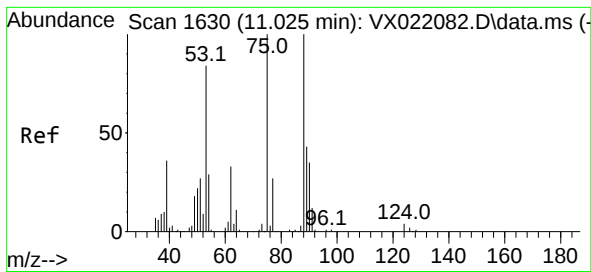
Tgt Ion:152 Resp: 44604
 Ion Ratio Lower Upper
 152 100
 115 66.0 41.1 123.3
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.99 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022293.D
 Acq: 01 Jun 2021 16:13

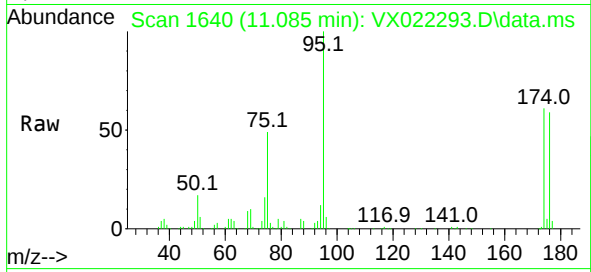
Tgt Ion: 75 Resp: 29700
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.95 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022293.D
Acq: 01 Jun 2021 16:13

Instrument :
MSVOA_X
ClientSampleId :
41791



Tgt Ion: 75 Resp: 29700
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

