

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022371.D
 Acq On : 03 Jun 2021 17:10
 Operator : JC/MD
 Sample : M2577-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:52:50 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)

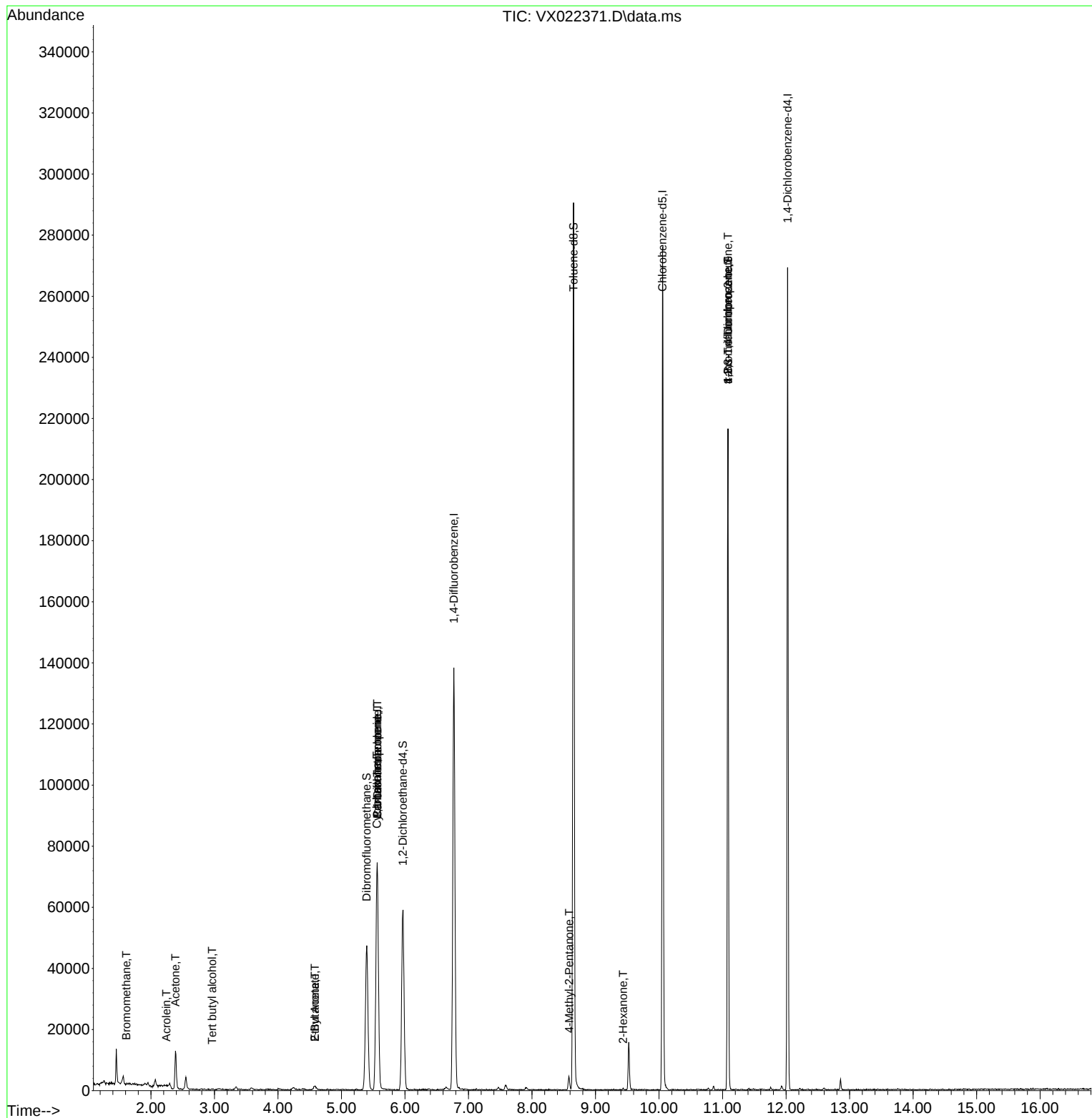
Internal Standards						
1) Pentafluorobenzene	5.562	168	63675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53532	54.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.00%			
35) Dibromofluoromethane	5.397	113	39666	46.21	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.42%			
50) Toluene-d8	8.653	98	166291	50.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.58%			
62) 4-Bromofluorobenzene	11.085	95	58520	47.88	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.76%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	159	0.31	ug/l #	53
11) Tert butyl alcohol	2.965	59	224	1.00	ug/l #	73
13) Acrolein	2.239	56	277	1.86	ug/l #	32
16) Acetone	2.386	43	12460	29.13	ug/l	100
25) 2-Butanone	4.580	43	2544	3.68	ug/l #	86
31) Cyclohexane	5.556	56	1785	1.45	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	6152	4.91	ug/l #	50
37) Ethyl Acetate	4.580	43	2544	1.66	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7308	5.97	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	2786	1.85	ug/l	97
59) 2-Hexanone	9.433	43	309	0.27	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	31557	26.56	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31557	62.93	ug/l #	12

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

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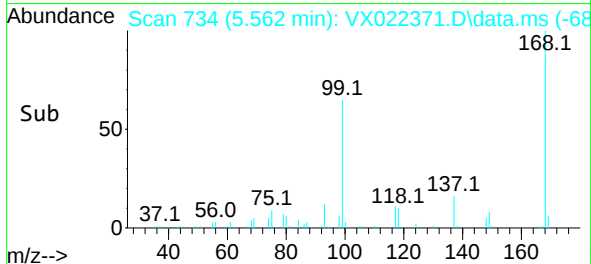
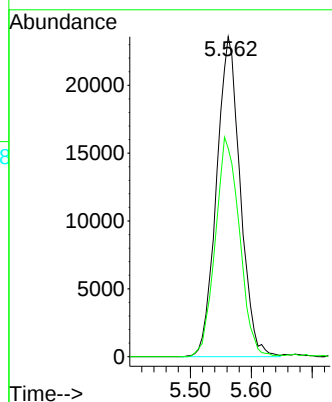
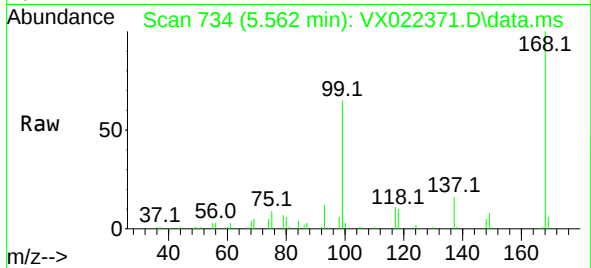




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

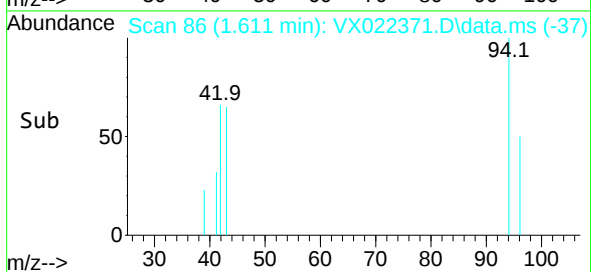
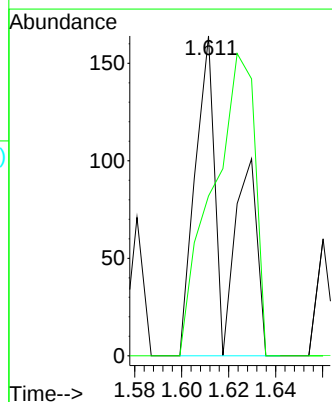
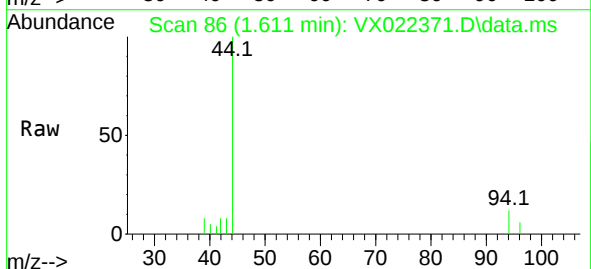
Instrument :
MSVOA_X
ClientSampled :

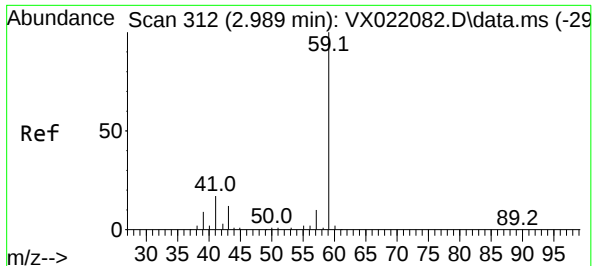
Tgt Ion:168 Resp: 63675
Ion Ratio Lower Upper
168 100
99 65.2 45.8 68.6



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 50.0 76.4 114.6#



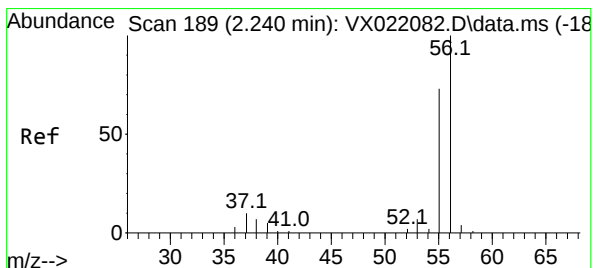
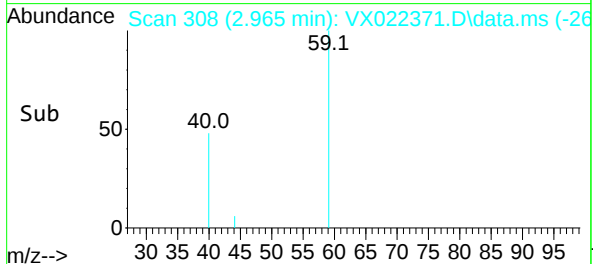
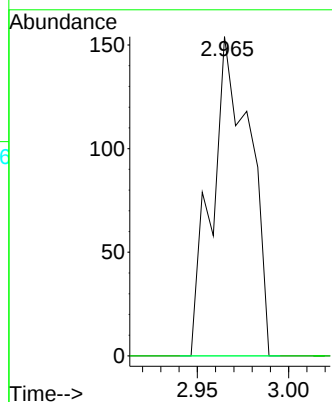
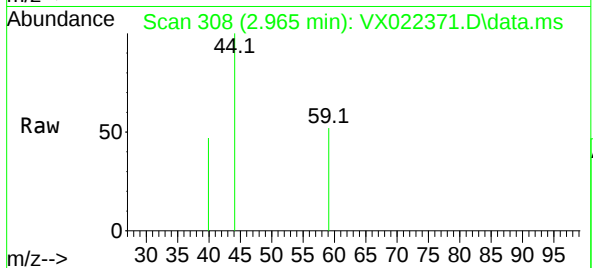


#11

Tert butyl alcohol
Concen: 1.00 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Instrument :
MSVOA_X
ClientSampled :

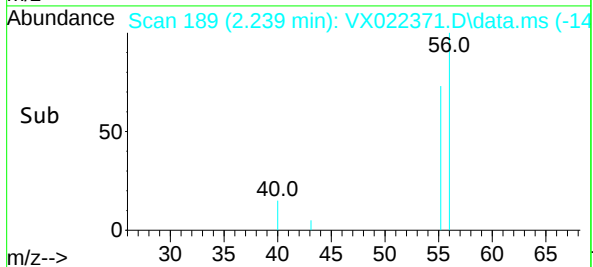
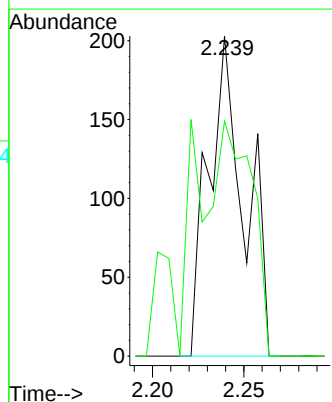
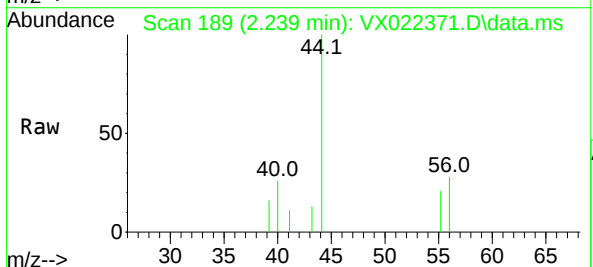
Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

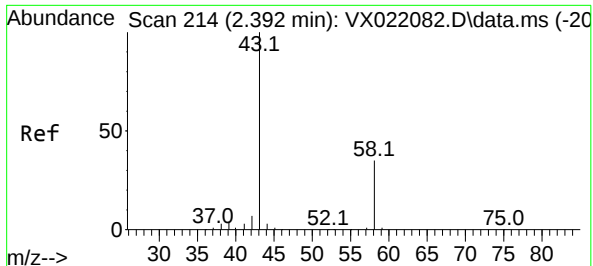


#13

Acrolein
Concen: 1.86 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 56 Resp: 277
Ion Ratio Lower Upper
56 100
55 126.7 56.4 84.6#

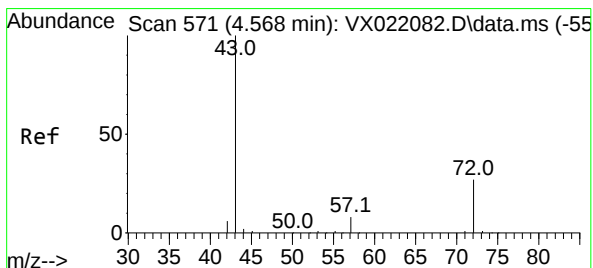
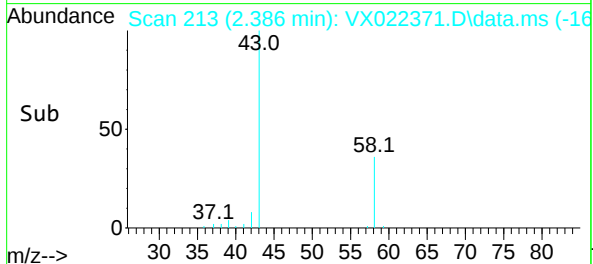
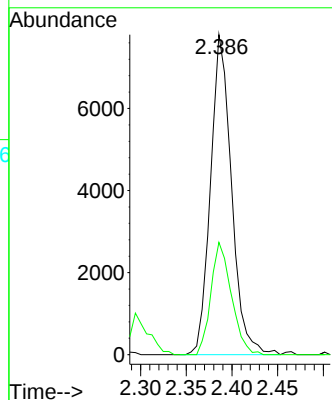
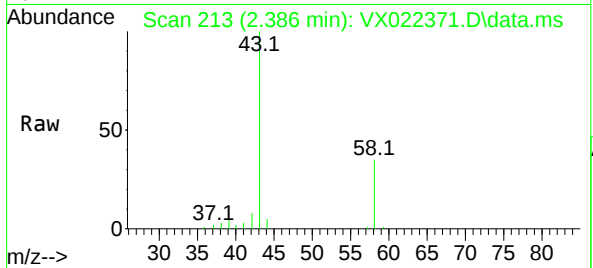




#16
Acetone
Concen: 29.13 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

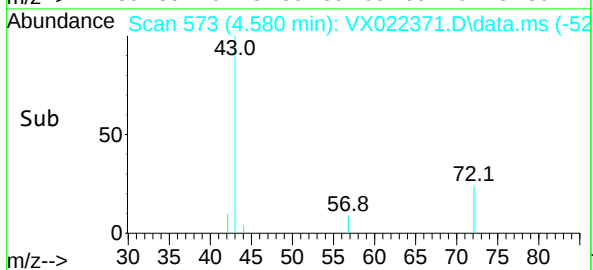
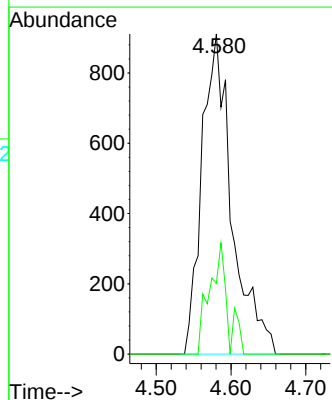
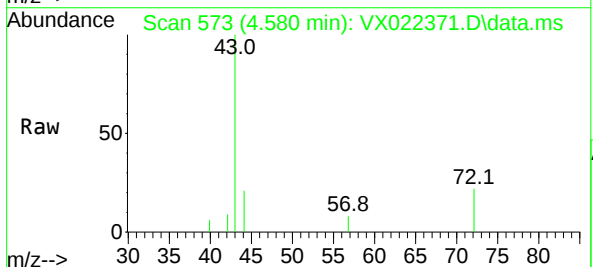
Instrument :
MSVOA_X
ClientSampleId :

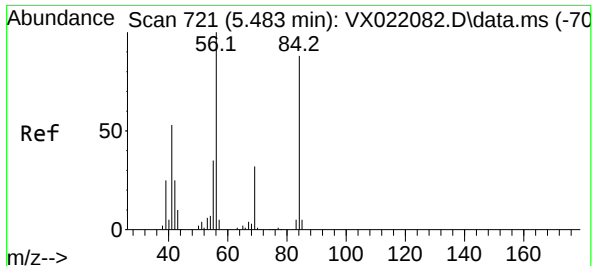
Tgt Ion: 43 Resp: 12460
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#25
2-Butanone
Concen: 3.68 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
72 22.1 23.7 35.5#

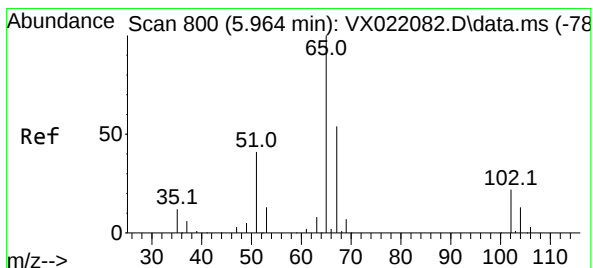
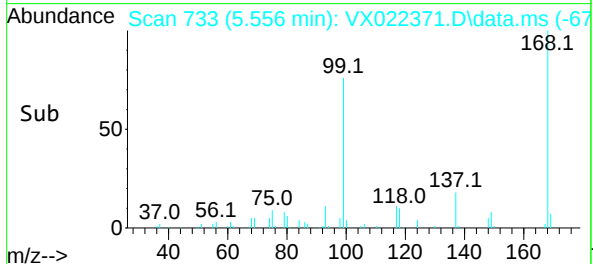
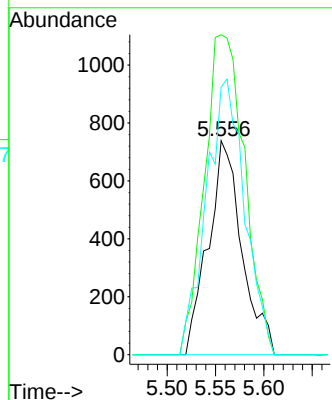
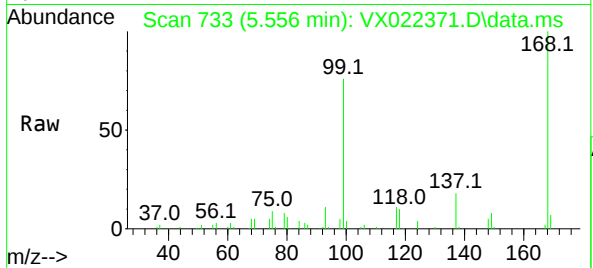




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

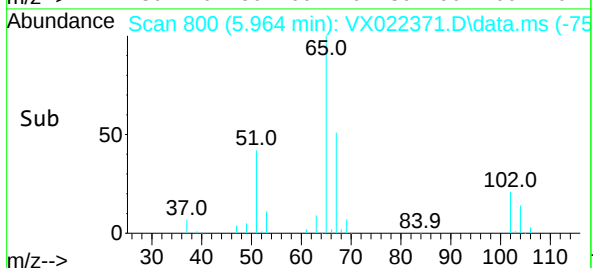
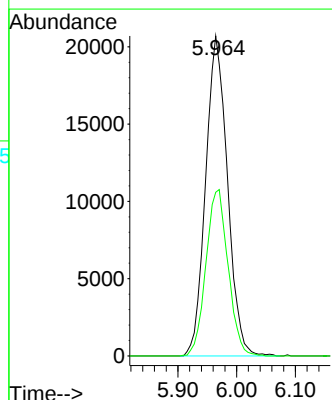
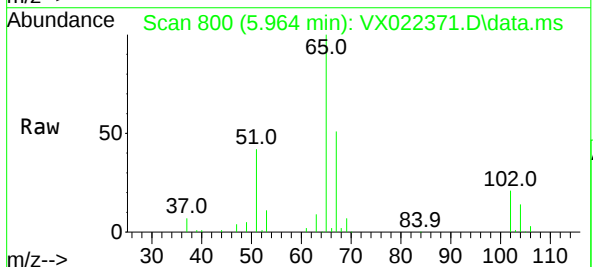
Instrument :
MSVOA_X
ClientSampled :

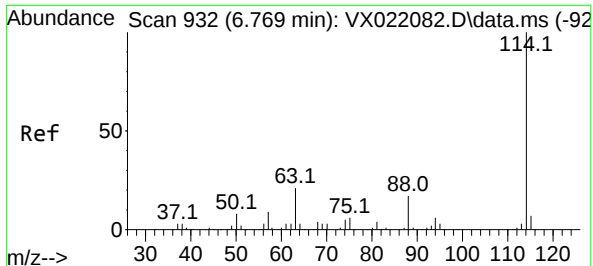
Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
69 149.5 25.3 37.9#
84 125.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.50 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 65 Resp: 53532
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

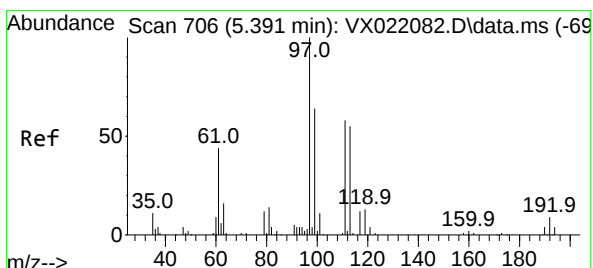
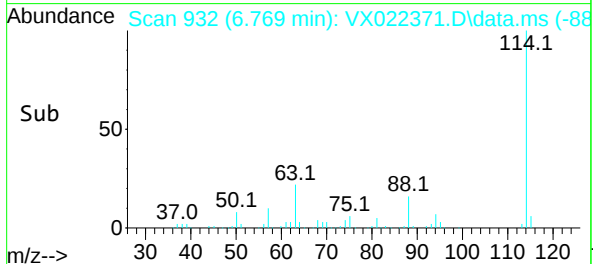
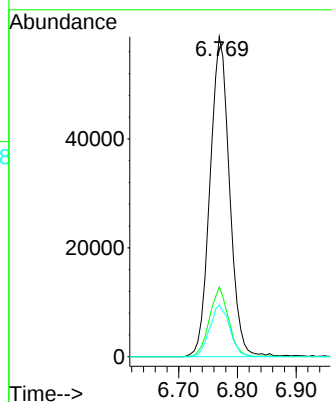
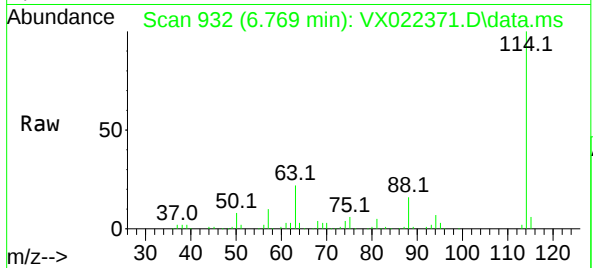




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

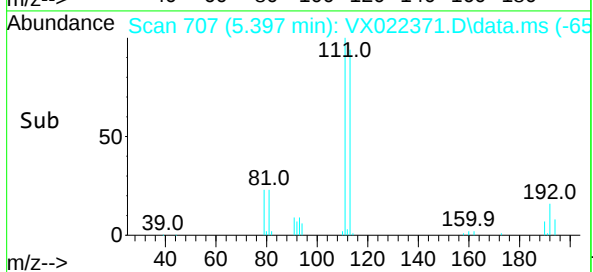
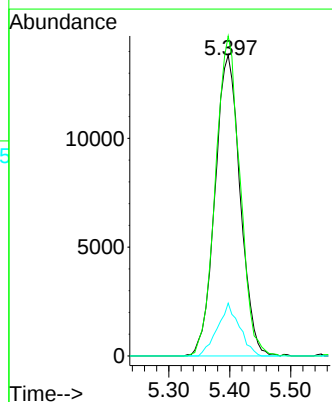
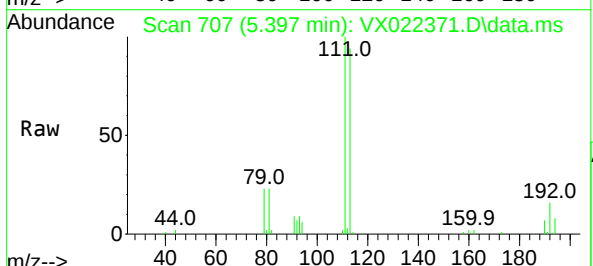
Instrument :
MSVOA_X
ClientSampleId :

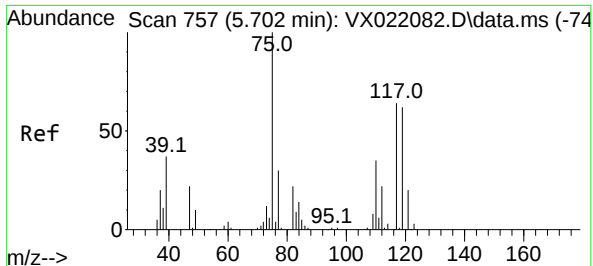
Tgt Ion:114 Resp: 135363
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.21 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

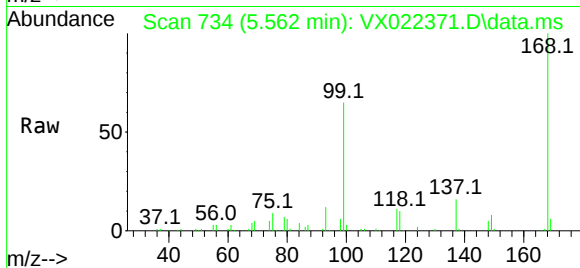
Tgt Ion:113 Resp: 39666
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 15.3 16.7 25.1#



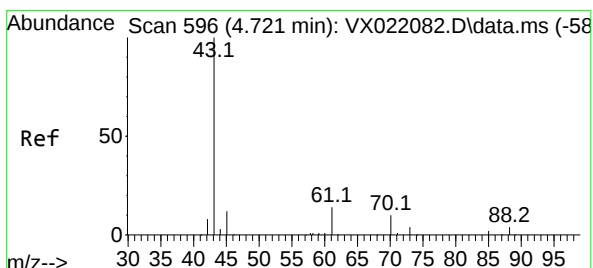
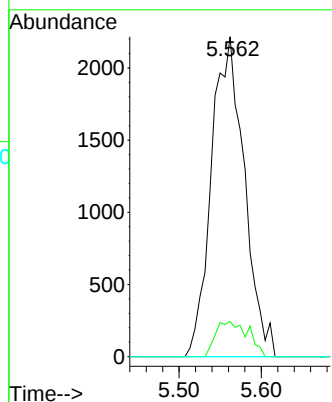
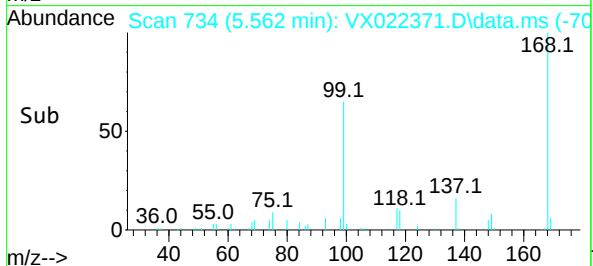


#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

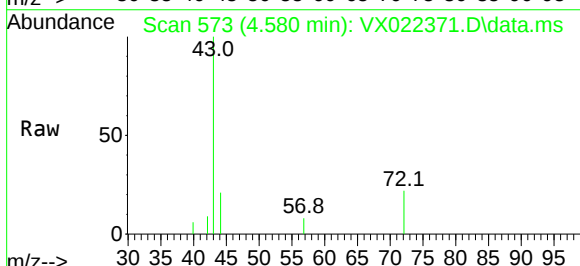
Instrument :
MSVOA_X
ClientSampleId :



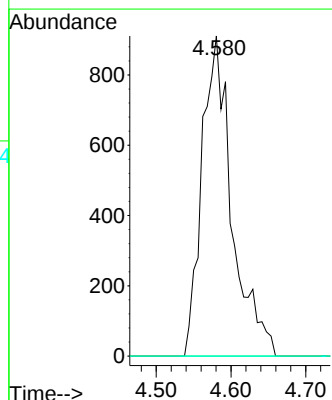
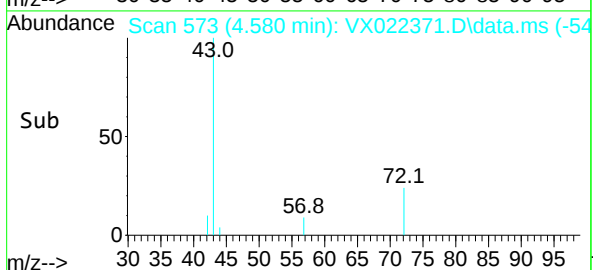
Tgt Ion: 75 Resp: 6152
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.0 25.3 37.9#

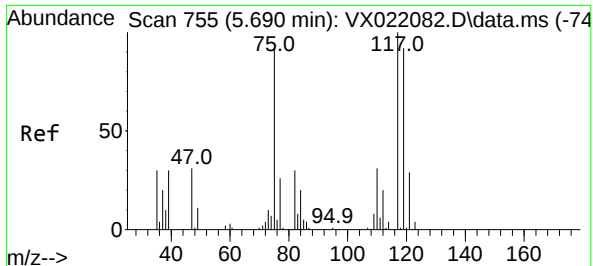


#37
Ethyl Acetate
Concen: 1.66 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.141 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10



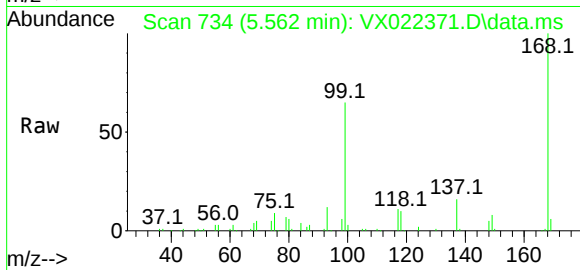
Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



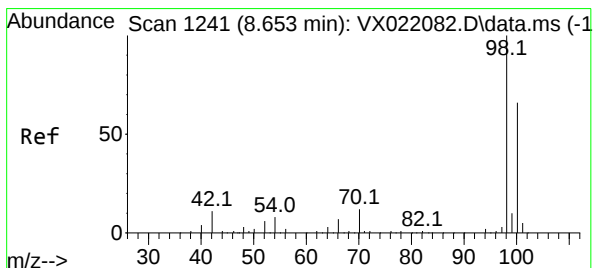
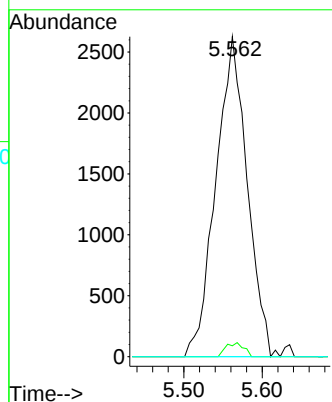
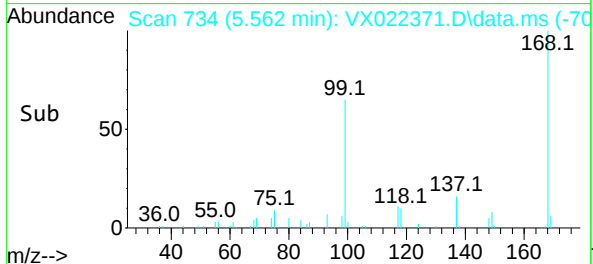


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

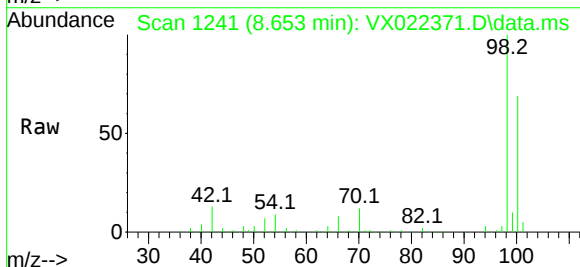
Instrument :
MSVOA_X
ClientSampleId :



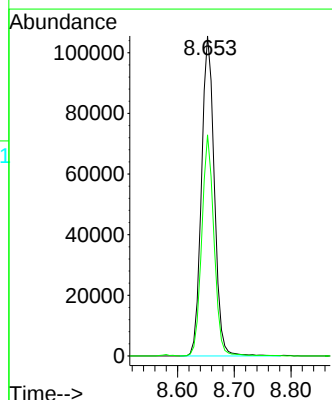
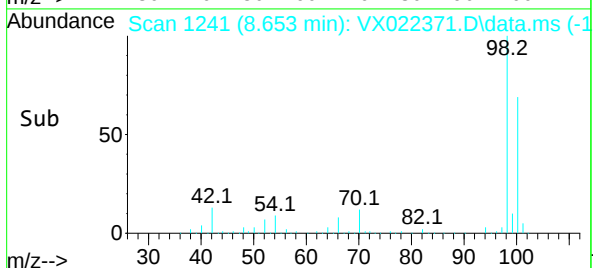
Tgt Ion:117 Resp: 7308
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

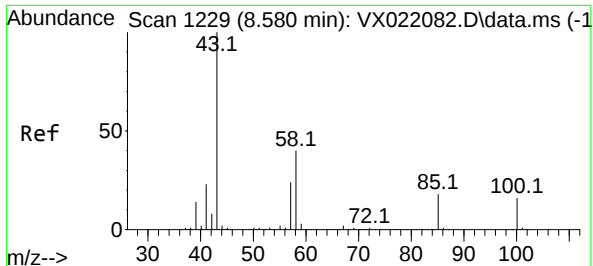


#50
Toluene-d8
Concen: 50.29 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10



Tgt Ion: 98 Resp: 166291
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

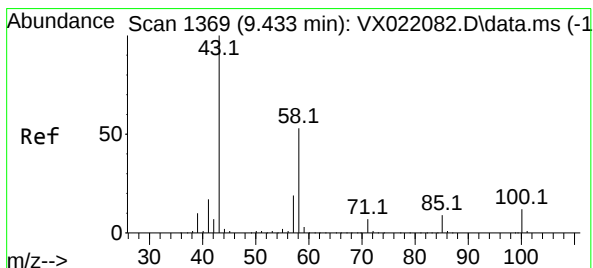
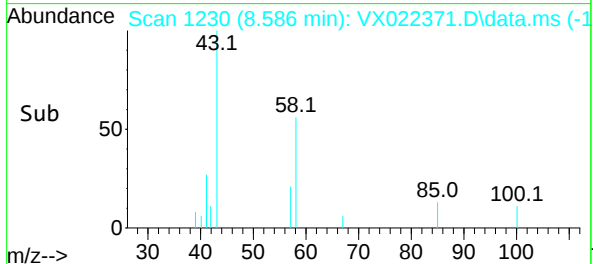
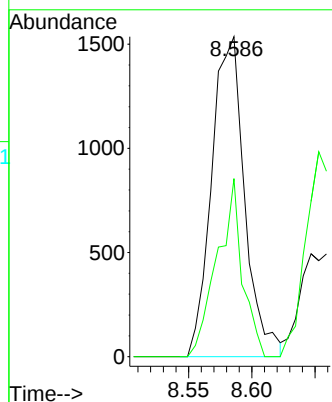
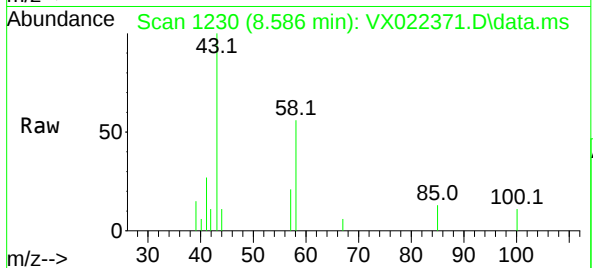




#51
4-Methyl-2-Pentanone
Concen: 1.85 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

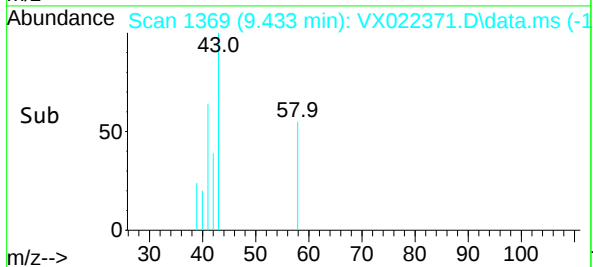
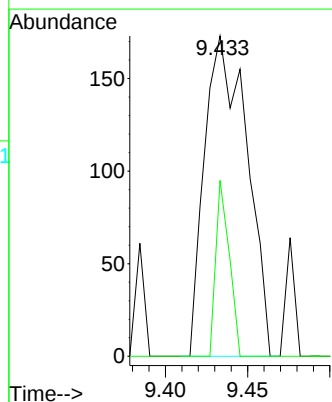
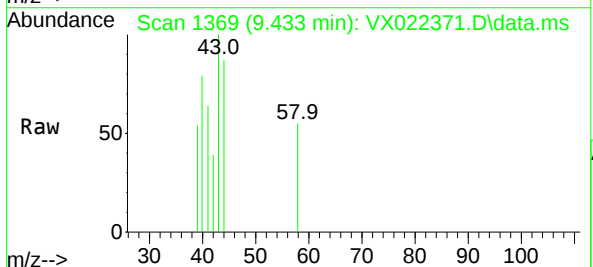
Instrument :
MSVOA_X
ClientSampled :

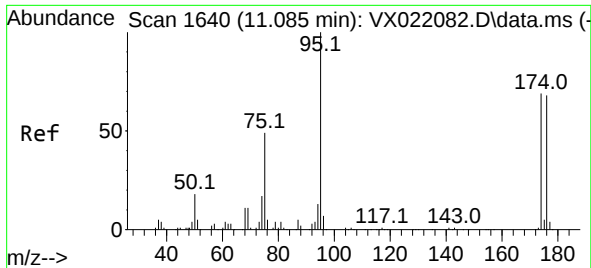
Tgt Ion: 43 Resp: 2786
Ion Ratio Lower Upper
43 100
58 42.4 35.4 53.0



#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 17.5 30.9 92.8#

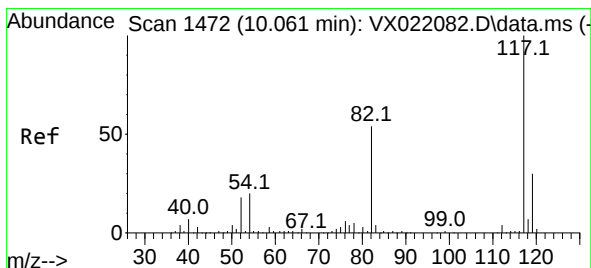
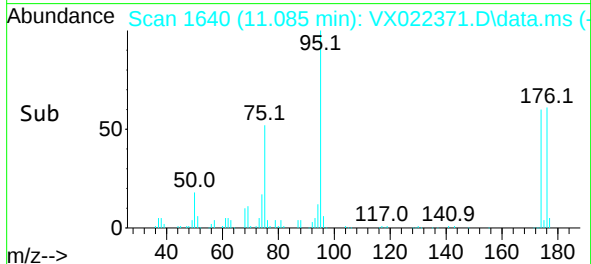
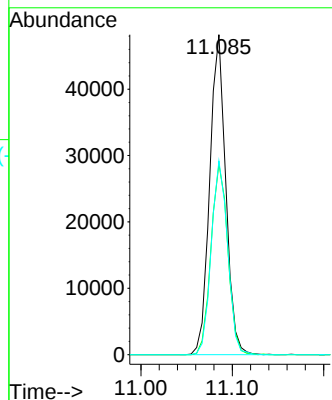
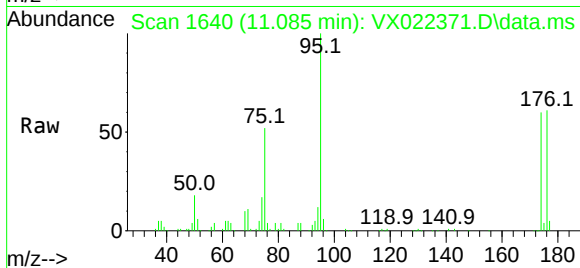




#62
4-Bromofluorobenzene
Concen: 47.88 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

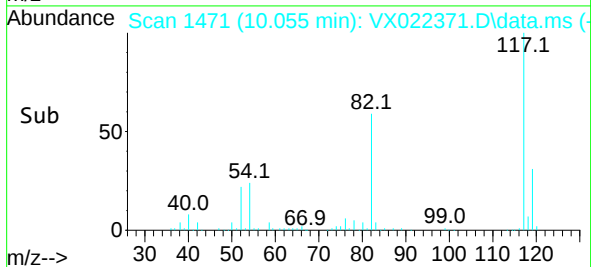
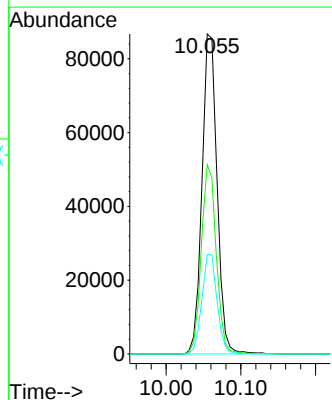
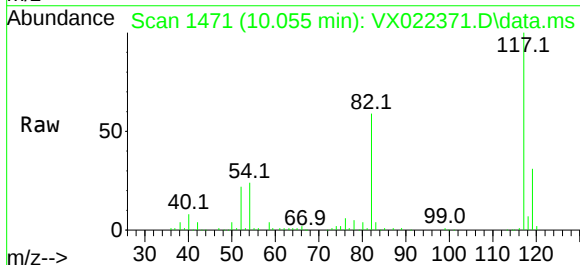
Instrument :
MSVOA_X
ClientSampleId :

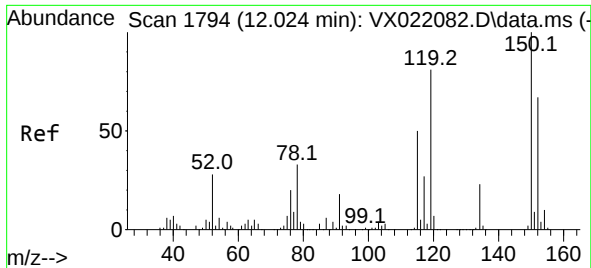
Tgt Ion: 95 Resp: 58520
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 61.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022371.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 117 Resp: 121471
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.1 26.6 39.8

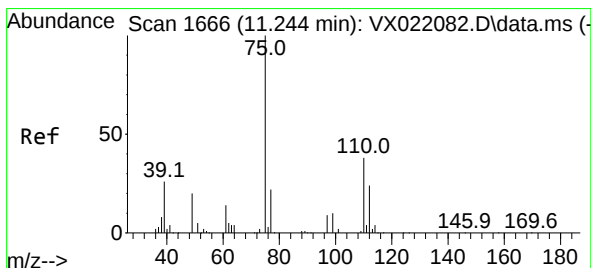
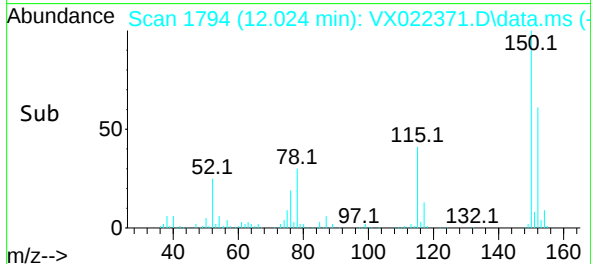
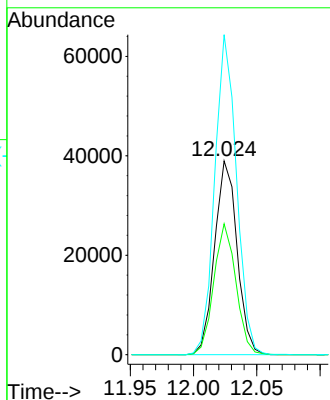
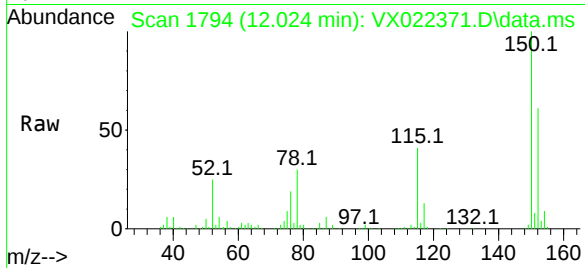




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022371.D
 Acq: 03 Jun 2021 17:10

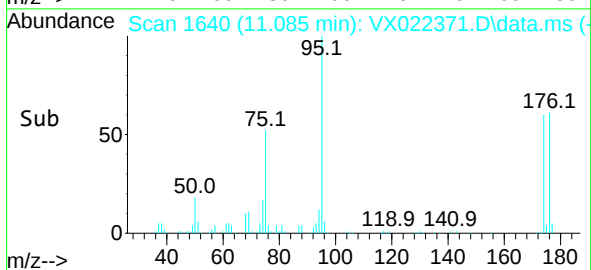
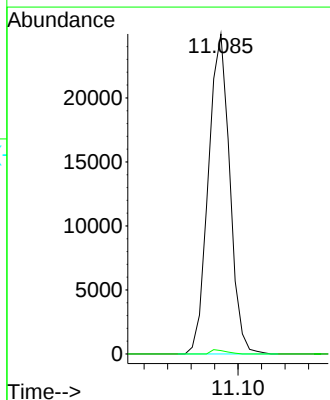
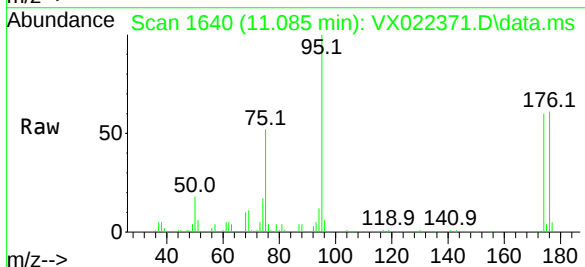
Instrument :
 MSVOA_X
 ClientSampled :

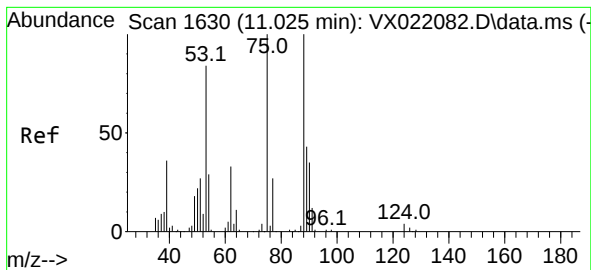
Tgt Ion:152 Resp: 48158
 Ion Ratio Lower Upper
 152 100
 115 66.4 41.1 123.3
 150 159.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.56 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022371.D
 Acq: 03 Jun 2021 17:10

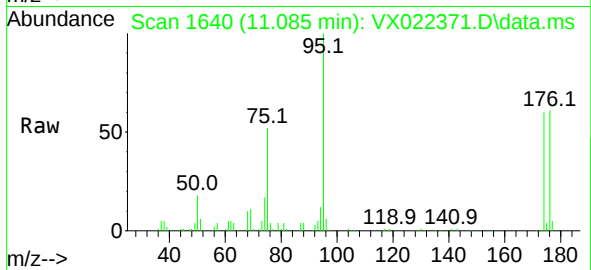
Tgt Ion: 75 Resp: 31557
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.93 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022371.D
 Acq: 03 Jun 2021 17:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31557
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

