

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022370.D
 Acq On : 03 Jun 2021 16:47
 Operator : JC/MD
 Sample : M2577-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Jun 04 03:52:34 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)

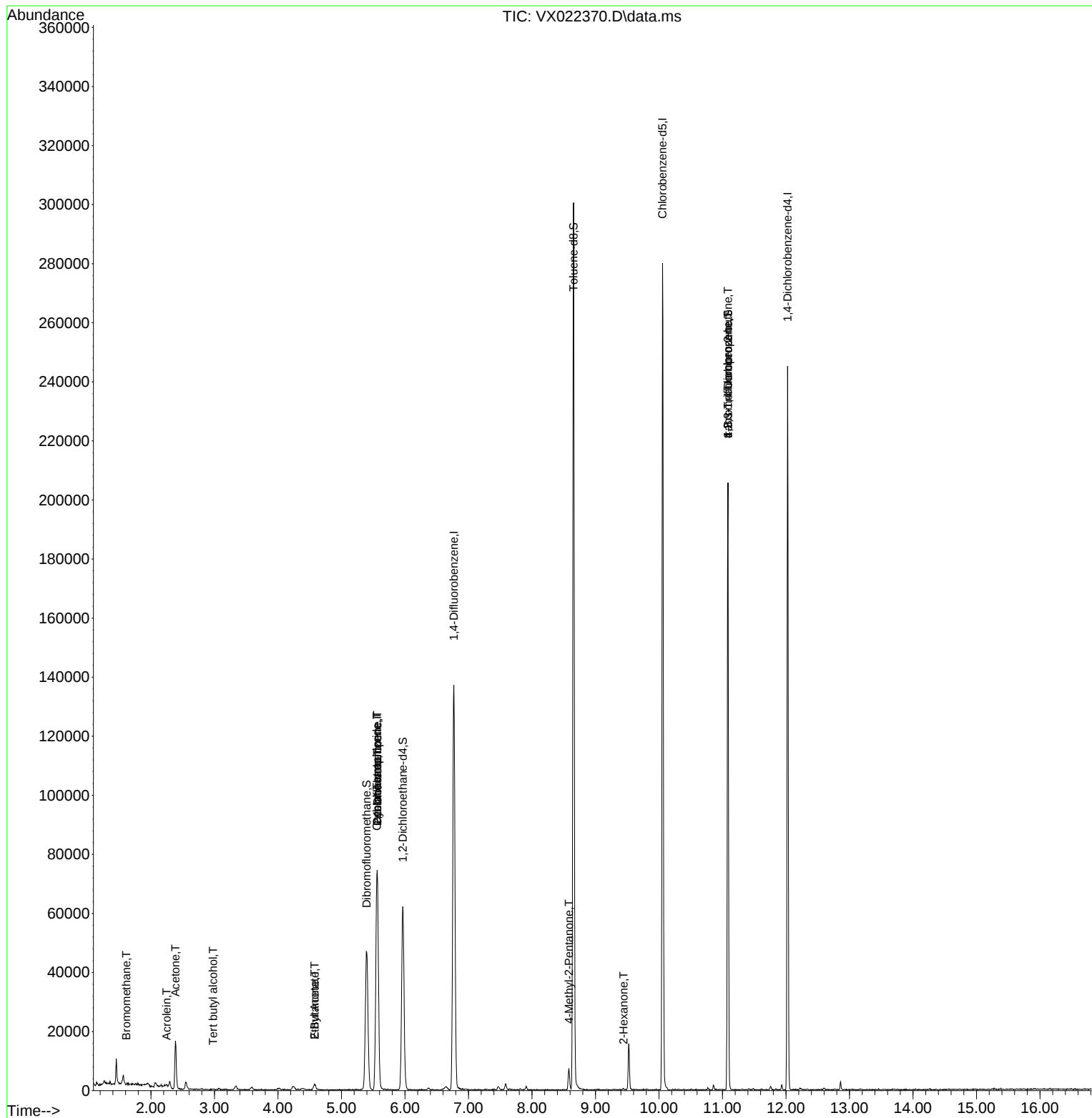
Internal Standards						
1) Pentafluorobenzene	5.562	168	64718	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56454	56.55	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.10%	
35) Dibromofluoromethane	5.398	113	41649	47.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.72%	
50) Toluene-d8	8.653	98	168269	49.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.34%	
62) 4-Bromofluorobenzene	11.086	95	56319	44.98	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.96%	
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	138	0.26	ug/l	# 61
11) Tert butyl alcohol	2.977	59	240	1.05	ug/l	# 73
13) Acrolein	2.246	56	356	2.35	ug/l	# 67
16) Acetone	2.386	43	17091	39.32	ug/l	96
25) 2-Butanone	4.574	43	3499	4.98	ug/l	91
31) Cyclohexane	5.562	56	1802	1.44	ug/l	# 32
36) 1,1-Dichloropropene	5.562	75	6618	5.16	ug/l	# 50
37) Ethyl Acetate	4.574	43	3499	2.23	ug/l	# 64
38) Carbon Tetrachloride	5.556	117	7605	6.06	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.580	43	4508	2.93	ug/l	89
59) 2-Hexanone	9.439	43	370	0.32	ug/l	79
76) 1,2,3-Trichloropropane	11.086	75	29948	27.55	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.086	75	29948	65.28	ug/l	# 12

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

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OF-2

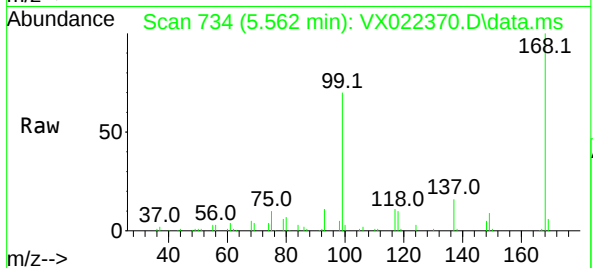
Quant Time: Jun 04 03:52:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



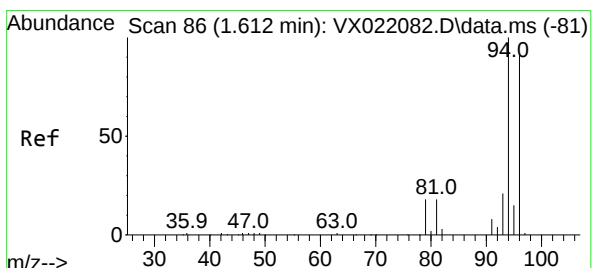
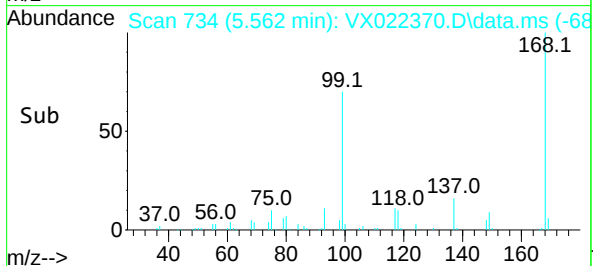
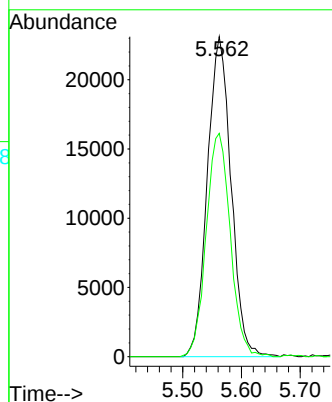


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Instrument :
MSVOA_X
ClientSampled :
OF-2

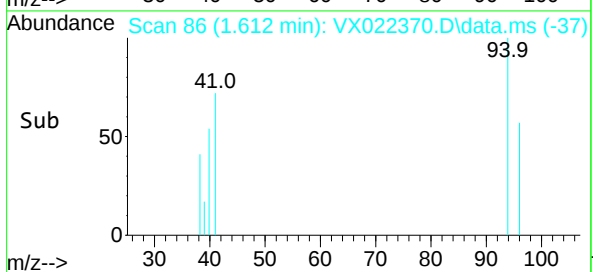
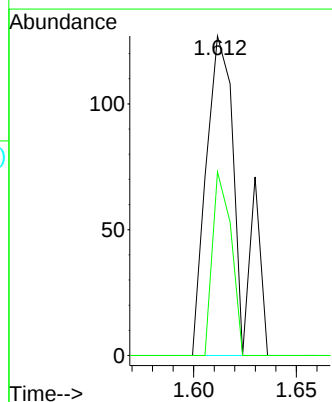
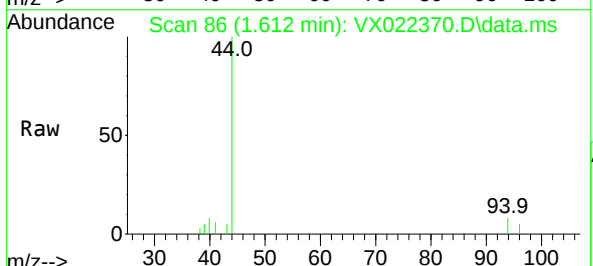


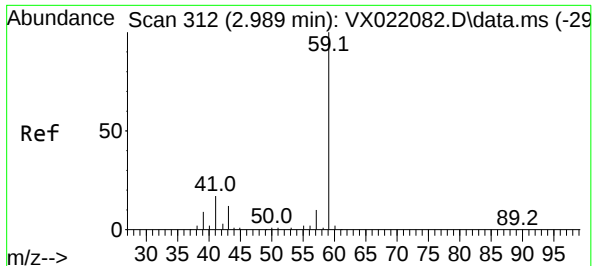
Tgt Ion:168 Resp: 64718
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#



#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 57.5 76.4 114.6#



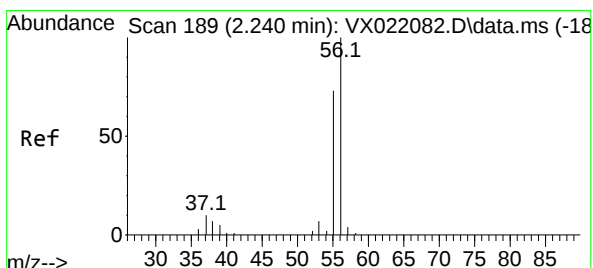
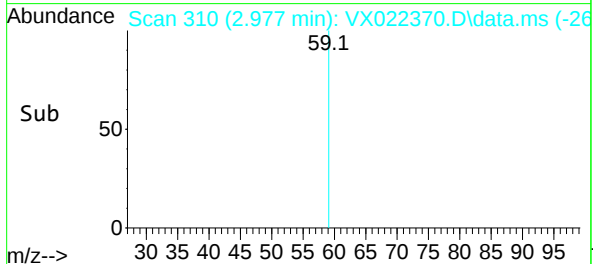
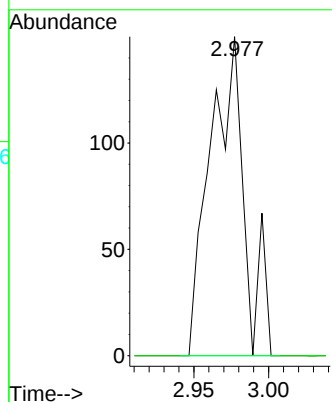
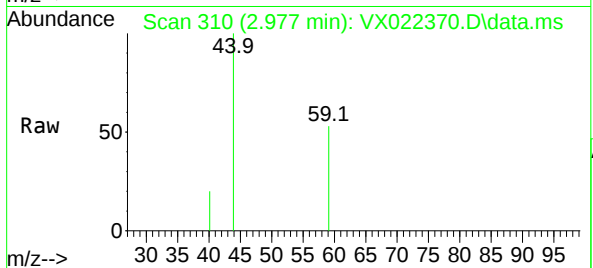


#11

Tert butyl alcohol
Concen: 1.05 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Instrument :
MSVOA_X
ClientSampled :
OF-2

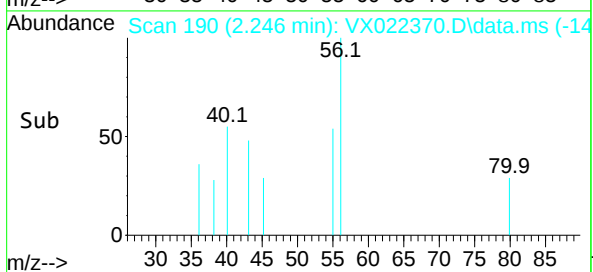
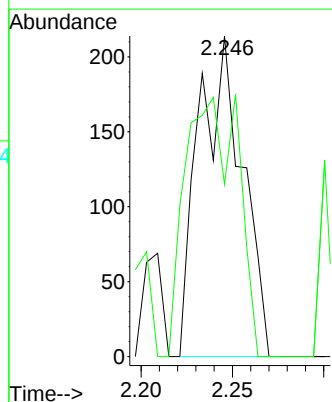
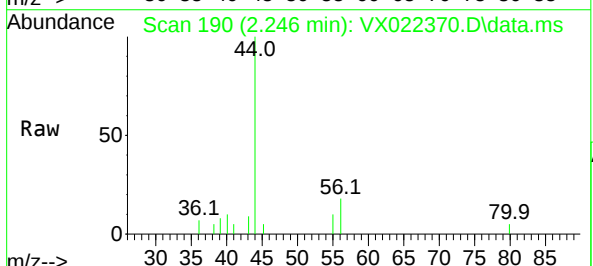
Tgt Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

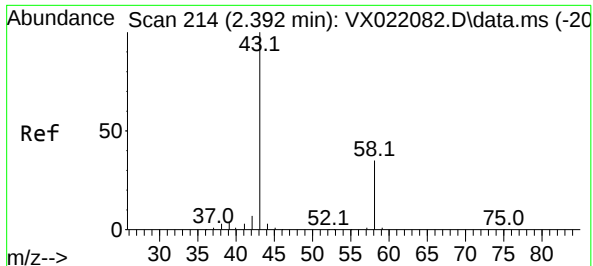


#13

Acrolein
Concen: 2.35 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion: 56 Resp: 356
Ion Ratio Lower Upper
56 100
55 98.0 56.4 84.6#

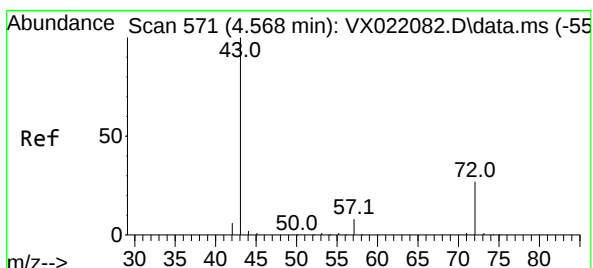
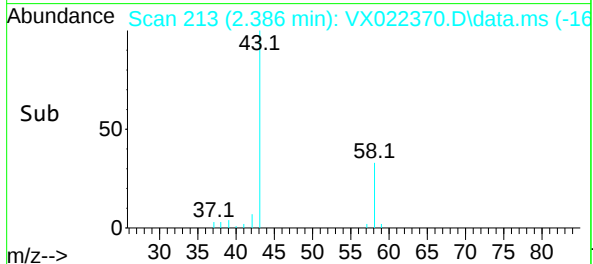
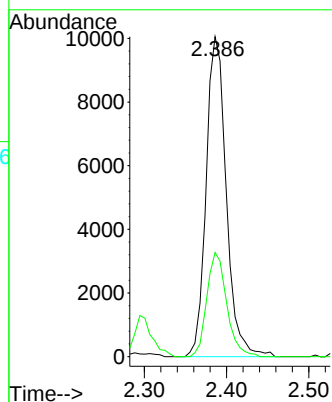
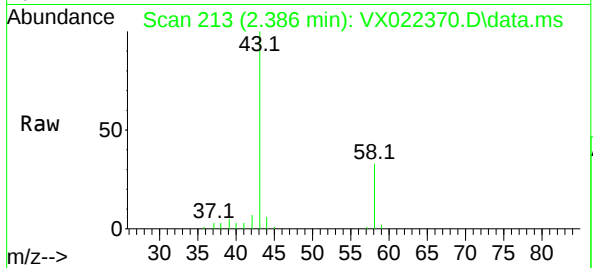




#16
Acetone
Concen: 39.32 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

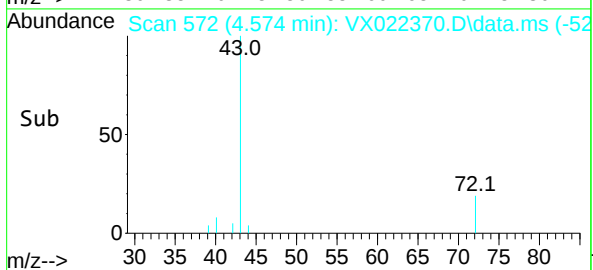
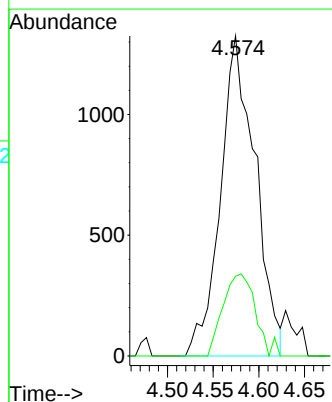
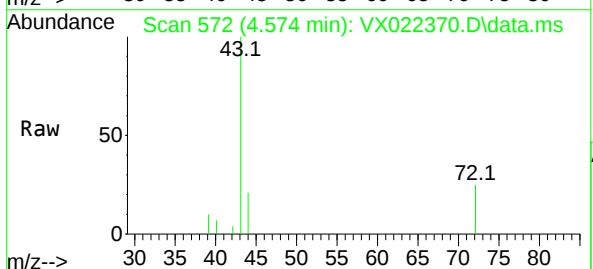
Instrument :
MSVOA_X
ClientSampled :
OF-2

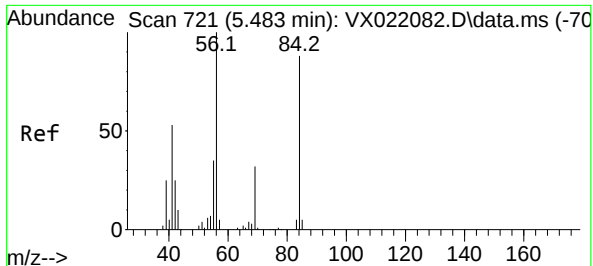
Tgt Ion: 43 Resp: 17091
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#25
2-Butanone
Concen: 4.98 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

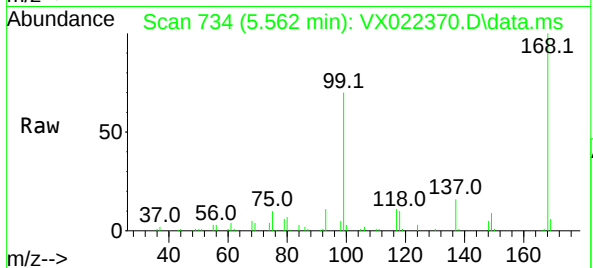
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
72 24.9 23.7 35.5



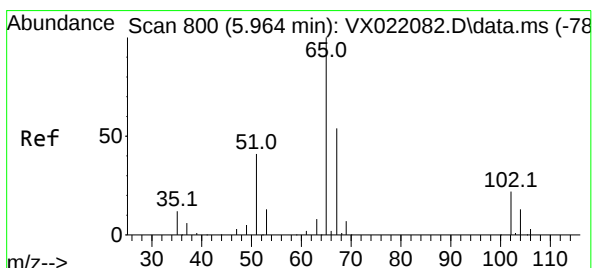
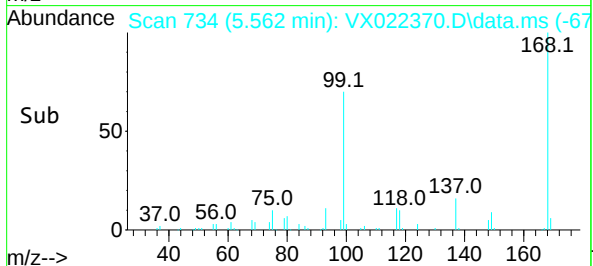
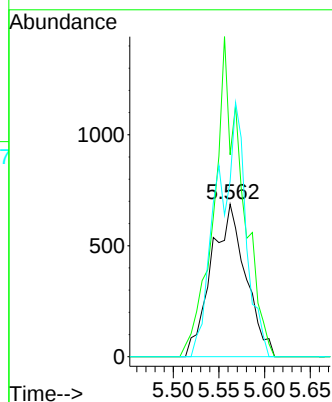


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Instrument :
MSVOA_X
ClientSampled :
OF-2

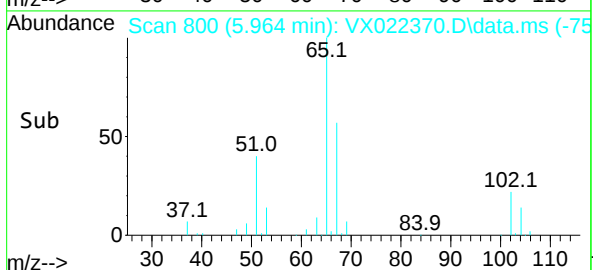
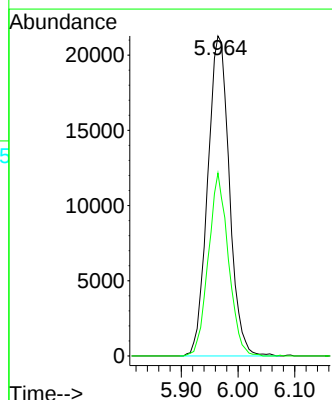
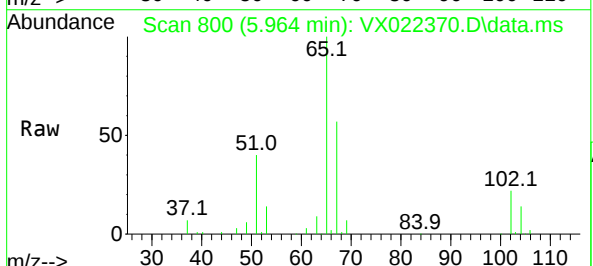


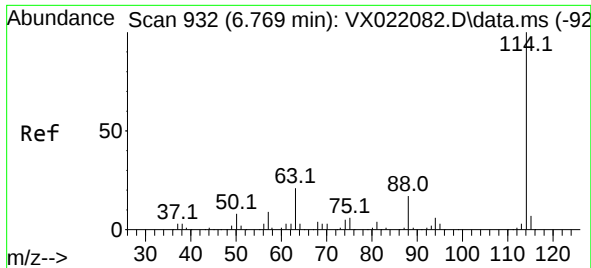
Tgt Ion: 56 Resp: 1802
Ion Ratio Lower Upper
56 100
69 132.5 25.3 37.9#
84 115.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.55 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion: 65 Resp: 56454
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

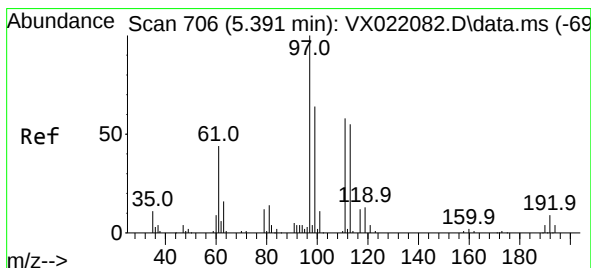
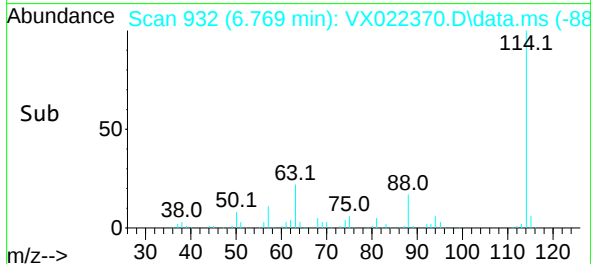
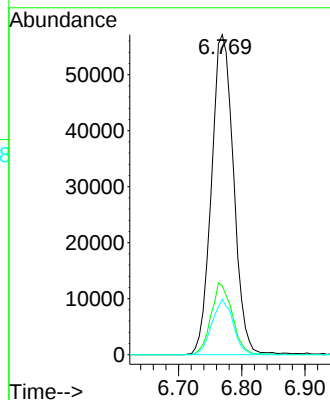
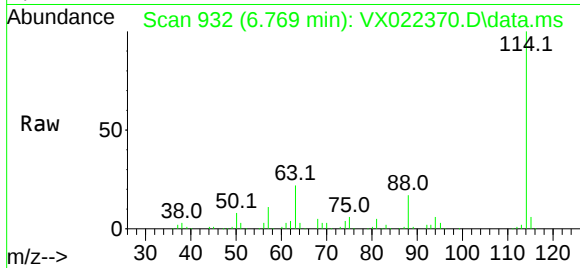




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

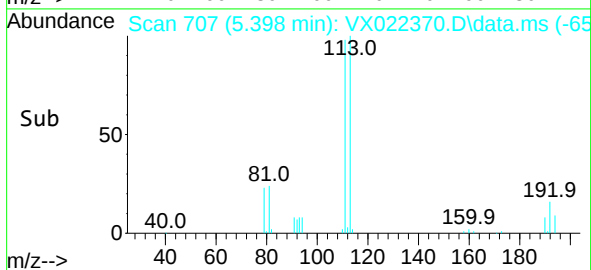
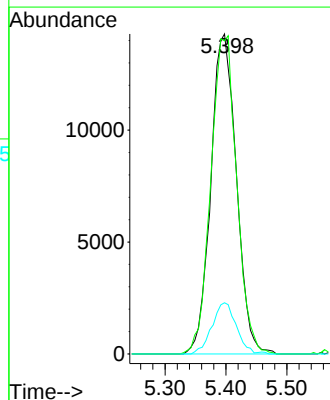
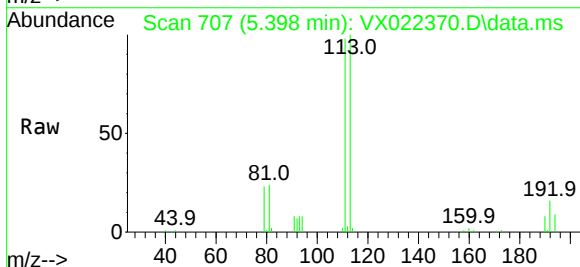
Instrument :
MSVOA_X
ClientSampled :
OF-2

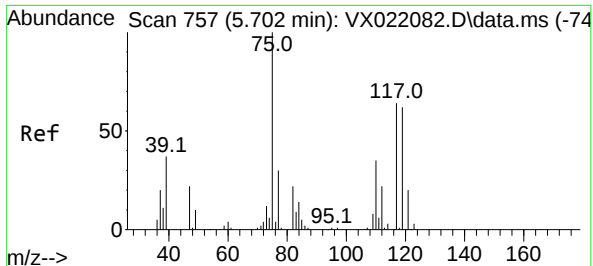
Tgt Ion:	114	Resp:	138677
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	40.8
88	17.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion:	113	Resp:	41649
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.9	122.9
192	15.2	16.7	25.1#

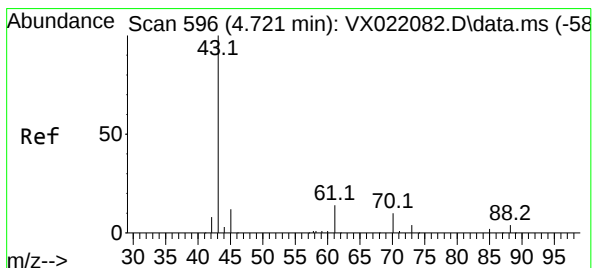
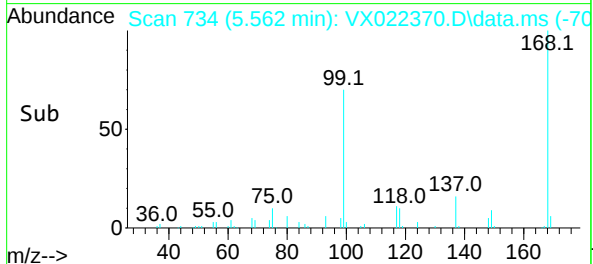
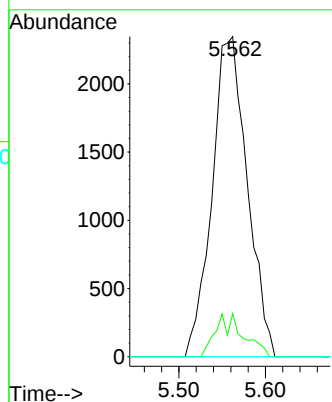
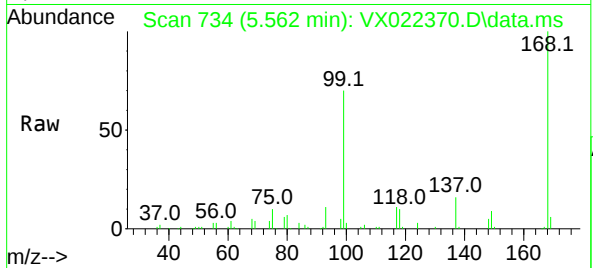




#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

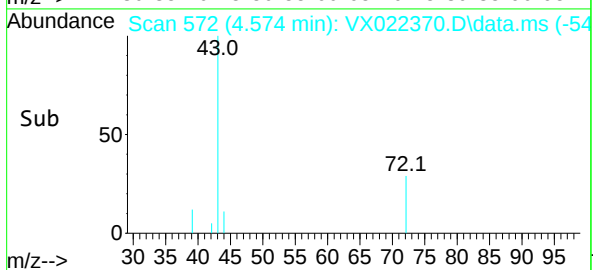
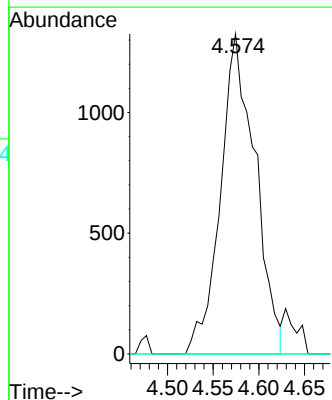
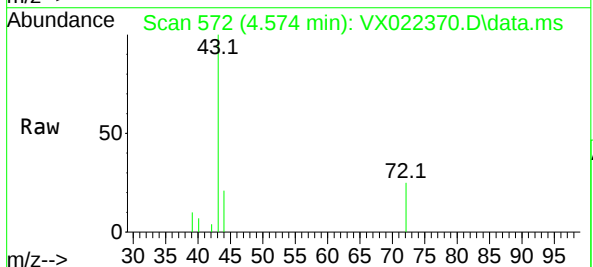
Instrument :
MSVOA_X
ClientSampled :
OF-2

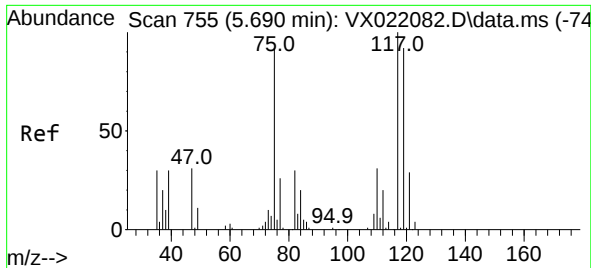
Tgt Ion: 75 Resp: 6618
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.23 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

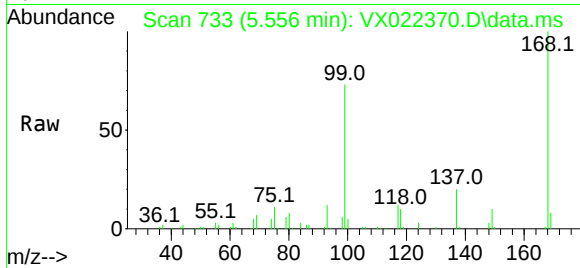
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



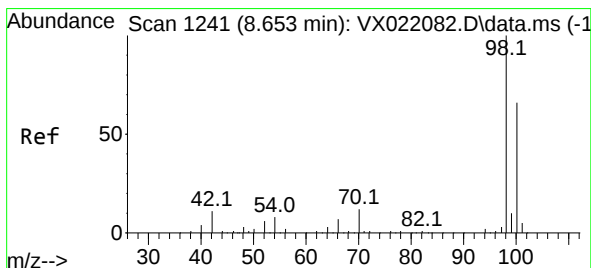
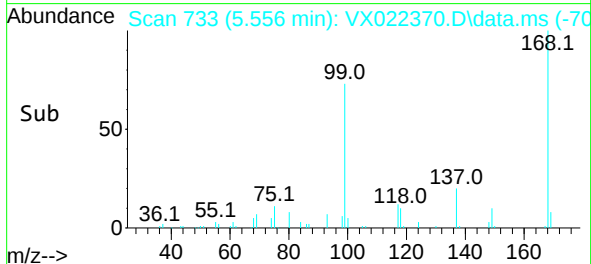
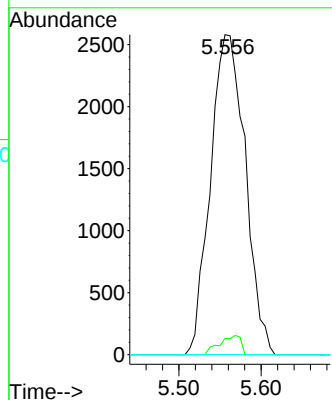


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Instrument :
MSVOA_X
ClientSampled :
OF-2

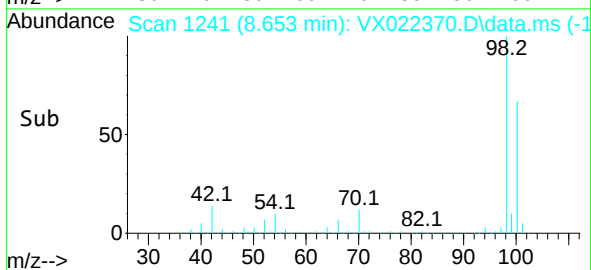
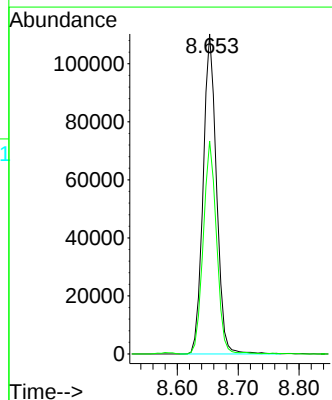
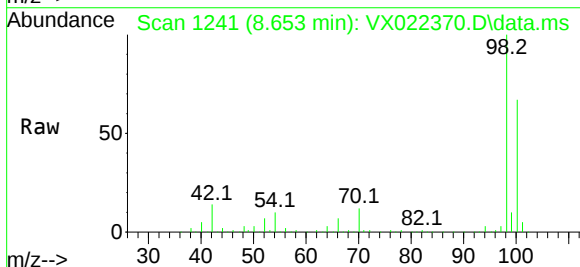


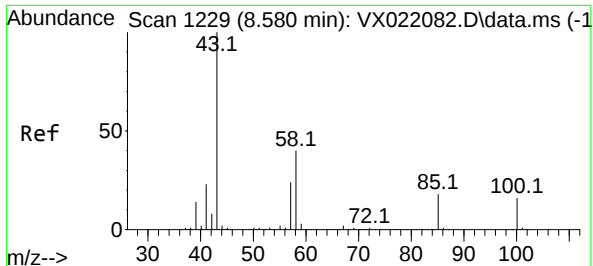
Tgt Ion:117 Resp: 7605
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion: 98 Resp: 168269
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

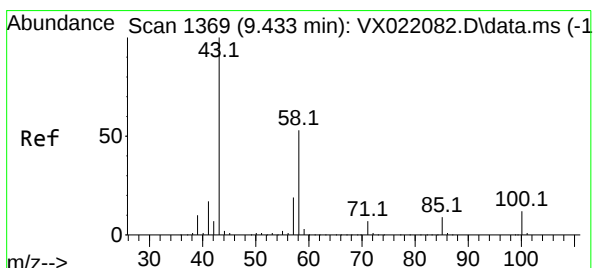
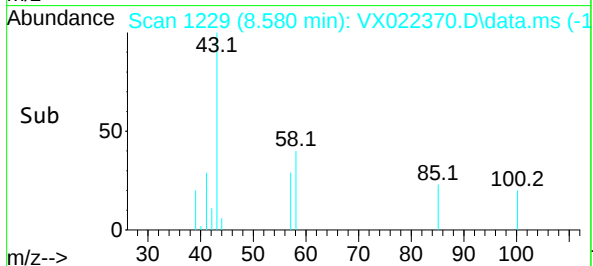
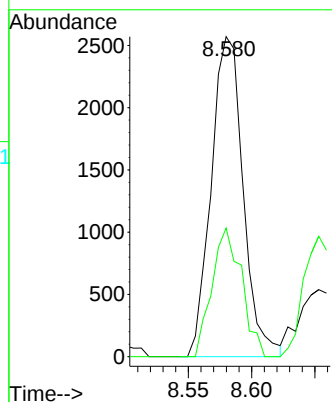
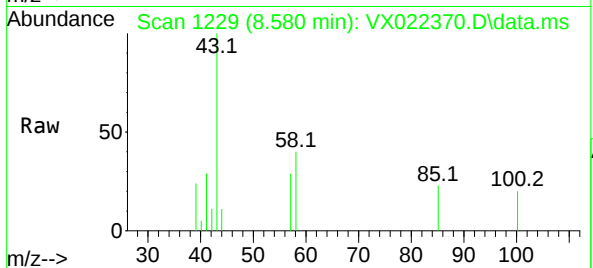




#51
4-Methyl-2-Pentanone
Concen: 2.93 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

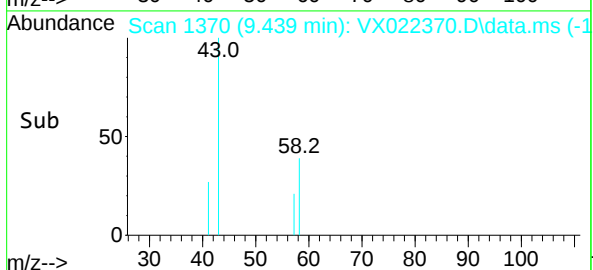
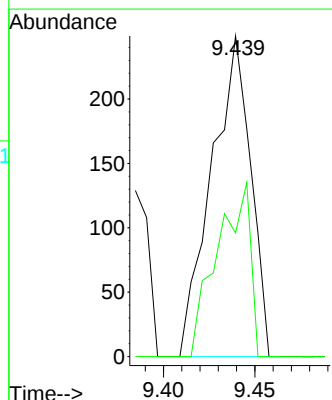
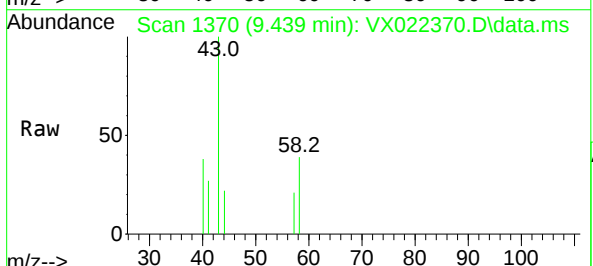
Instrument :
MSVOA_X
ClientSampled :
OF-2

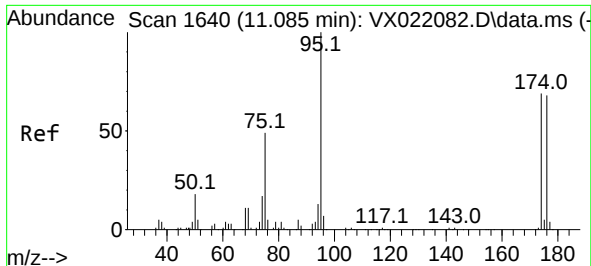
Tgt Ion: 43 Resp: 4508
Ion Ratio Lower Upper
43 100
58 37.3 35.4 53.0



#59
2-Hexanone
Concen: 0.32 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 45.9 30.9 92.8

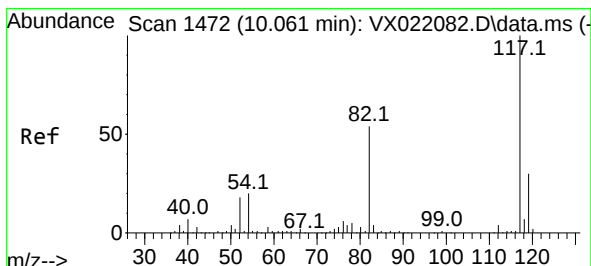
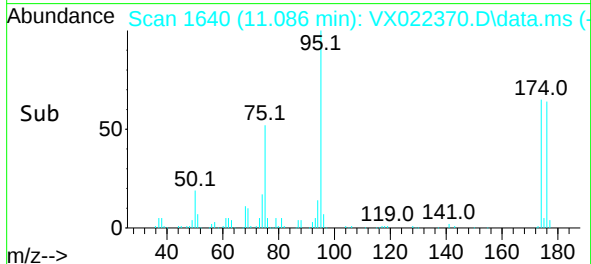
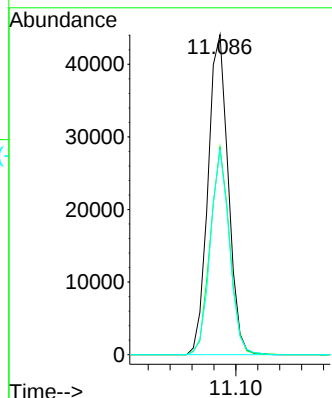
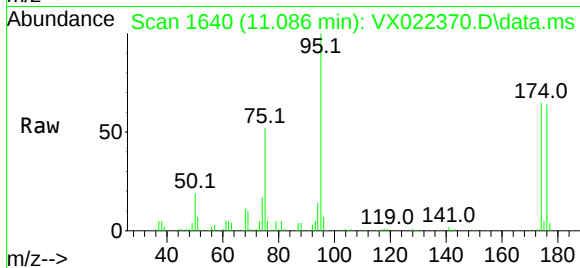




#62
4-Bromofluorobenzene
Concen: 44.98 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

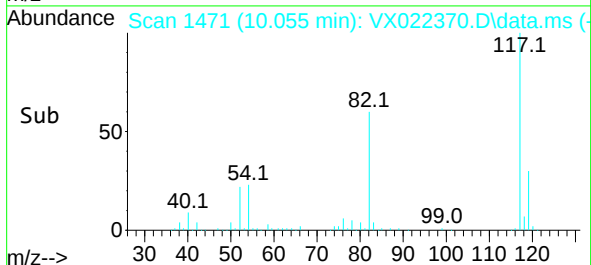
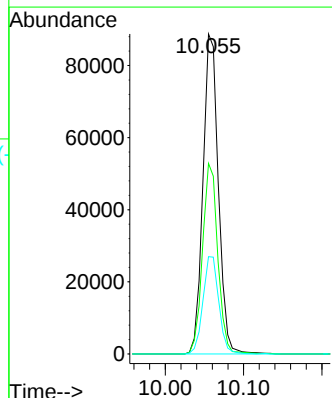
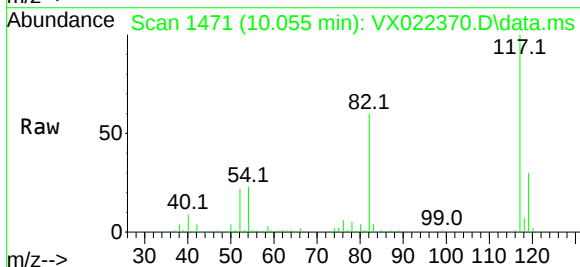
Instrument :
MSVOA_X
ClientSampled :
OF-2

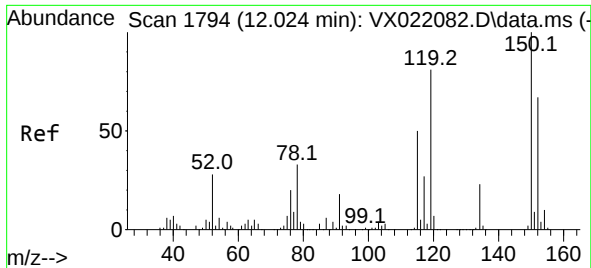
Tgt Ion: 95 Resp: 56319
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

Tgt Ion: 117 Resp: 121034
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 30.4 26.6 39.8

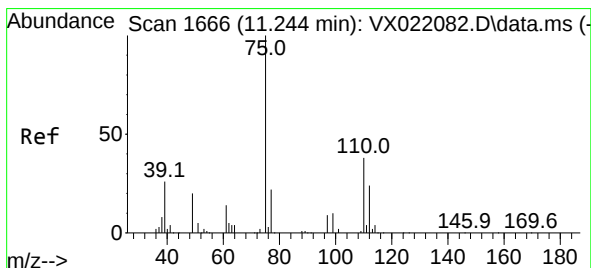
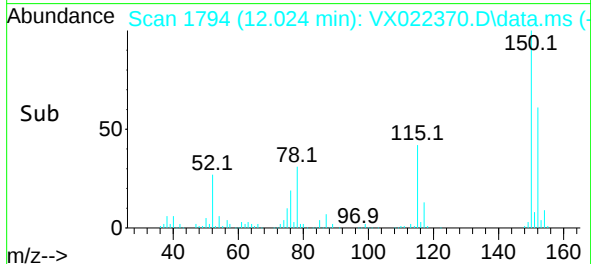
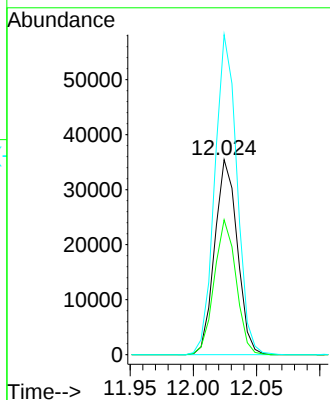
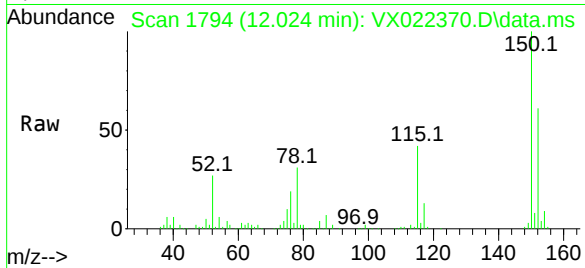




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

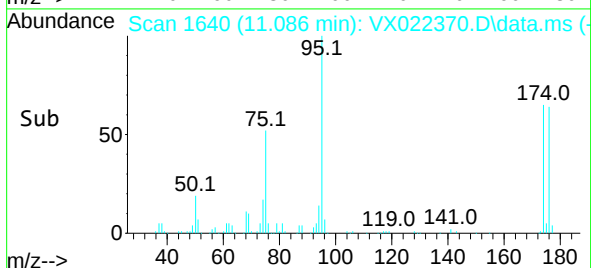
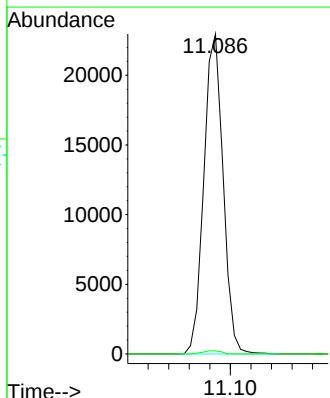
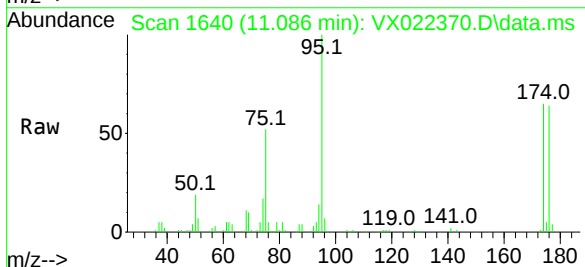
Instrument :
MSVOA_X
ClientSampled :
OF-2

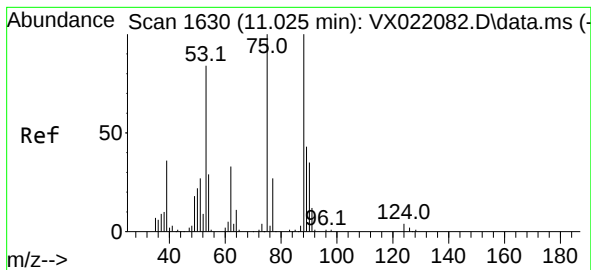
Tgt Ion:152 Resp: 44058
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 160.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.55 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022370.D
Acq: 03 Jun 2021 16:47

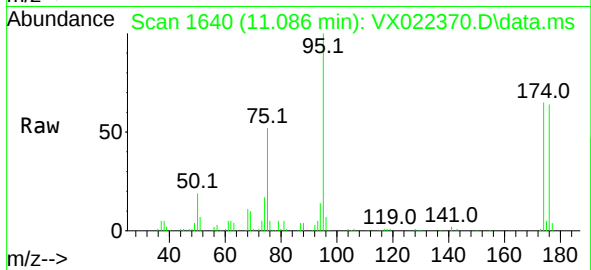
Tgt Ion: 75 Resp: 29948
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.28 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022370.D
 Acq: 03 Jun 2021 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2



Tgt Ion: 75 Resp: 29948
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

