

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022409.D
 Acq On : 04 Jun 2021 12:06
 Operator : JC/MD
 Sample : VX0604MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 13:24:49 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)

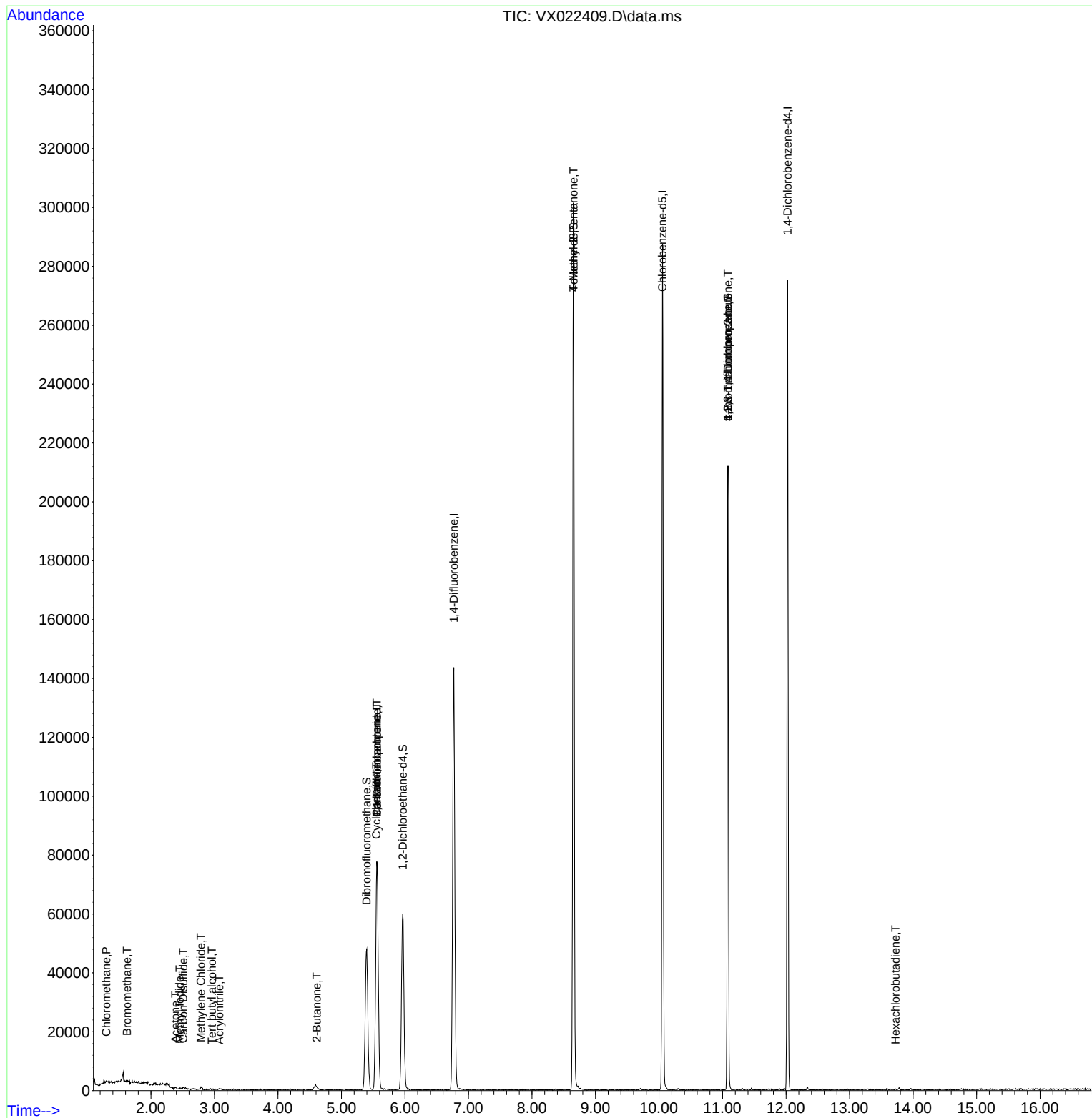
Internal Standards						
1) Pentafluorobenzene	5.556	168	66889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	140878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56220	54.487	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.980%		
35) Dibromofluoromethane	5.397	113	41576	46.538	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.080%		
50) Toluene-d8	8.653	98	171025	49.696	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.400%		
62) 4-Bromofluorobenzene	11.085	95	59328	46.641	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.280%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	224	0.255	ug/l	93
5) Bromomethane	1.624	94	274	0.506	ug/l	# 55
10) Methyl Iodide	2.453	142	478	0.561	ug/l	# 87
11) Tert butyl alcohol	2.959	59	57	0.242	ug/l	# 73
15) Acrylonitrile	3.075	53	172	0.370	ug/l	# 62
16) Acetone	2.386	43	427	0.950	ug/l	95
17) Carbon Disulfide	2.508	76	712	0.355	ug/l	# 75
20) Methylene Chloride	2.788	84	406	0.407	ug/l	# 78
25) 2-Butanone	4.611	43	271	0.373	ug/l	# 45
31) Cyclohexane	5.550	56	1702	1.313	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6183	4.746	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	7859	6.167	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	893	0.571	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	31175	26.314	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	31175	62.347	ug/l	# 12
94) Hexachlorobutadiene	13.725	225	82	0.218	ug/l	# 50

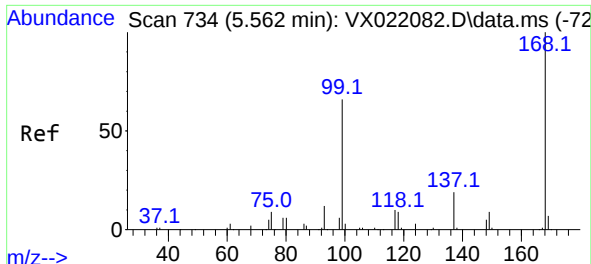
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 04 13:24:49 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

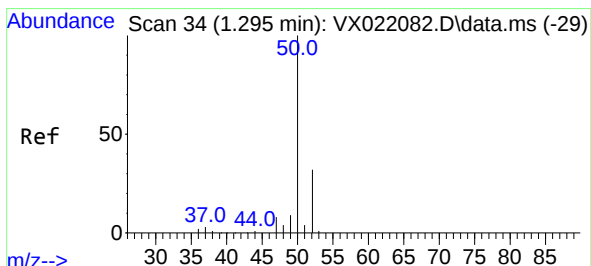
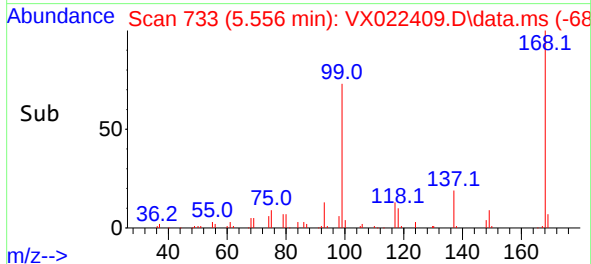
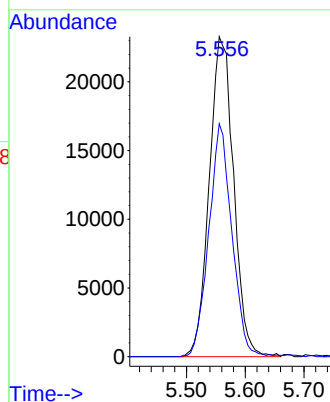
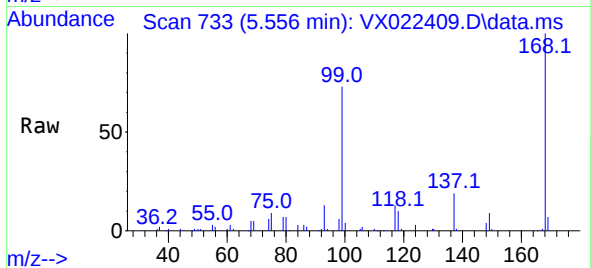




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

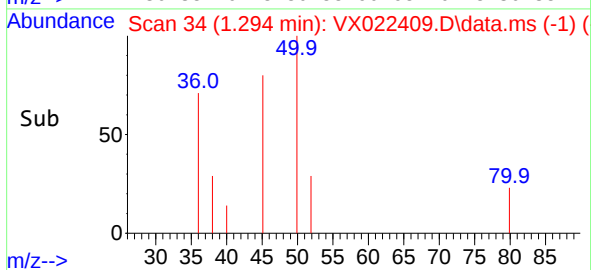
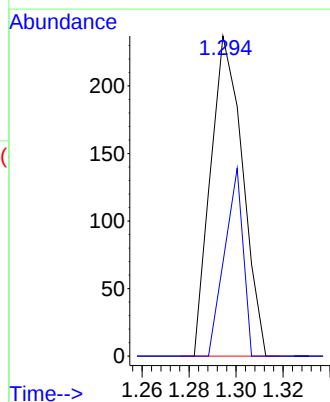
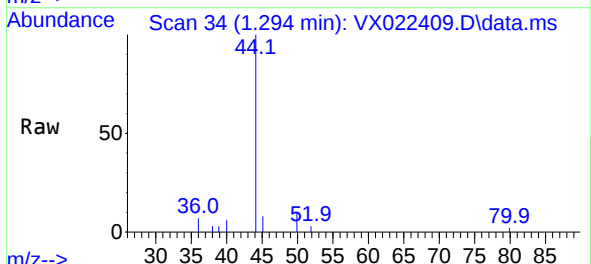
Instrument :
MSVOA_X
ClientSampled :

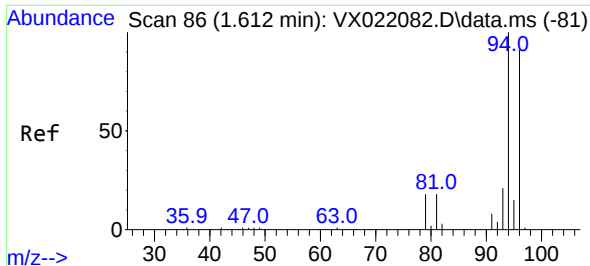
Tgt Ion:168 Resp: 66889
Ion Ratio Lower Upper
168 100
99 72.8 45.8 68.6#



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 29.1 26.4 39.6

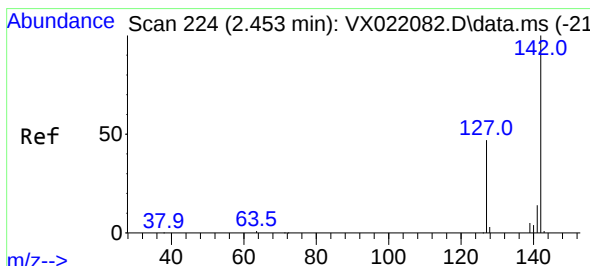
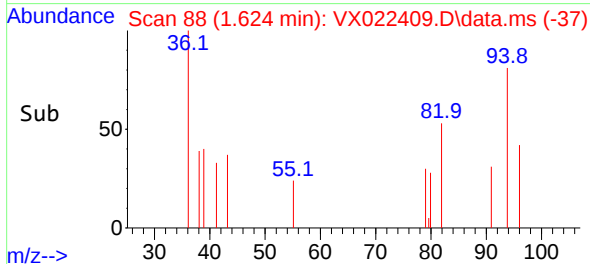
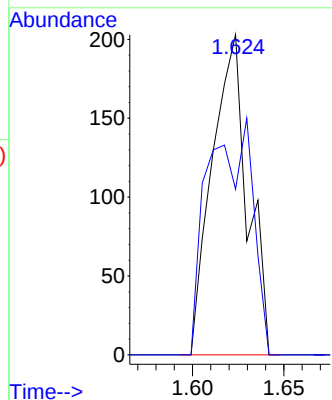
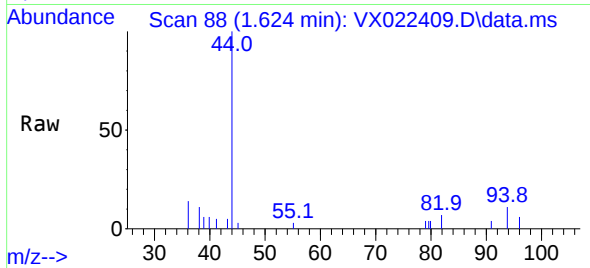




#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

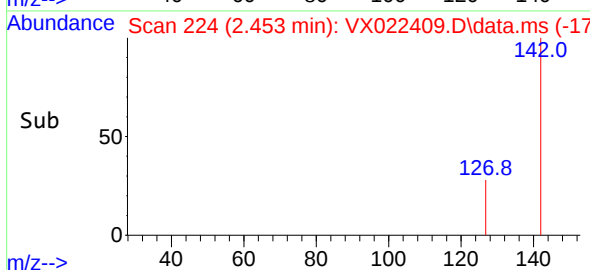
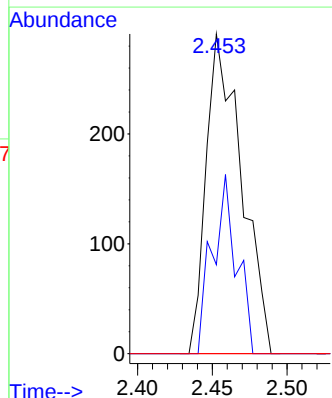
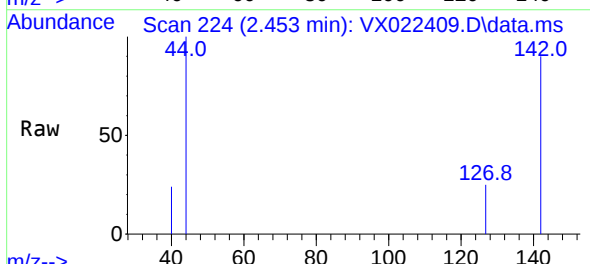
Instrument :
MSVOA_X
ClientSampled :

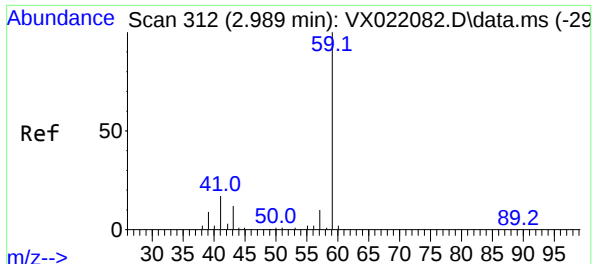
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 51.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.561 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 142 Resp: 478
Ion Ratio Lower Upper
142 100
127 38.3 33.3 49.9
141 0.0 11.4 17.0#



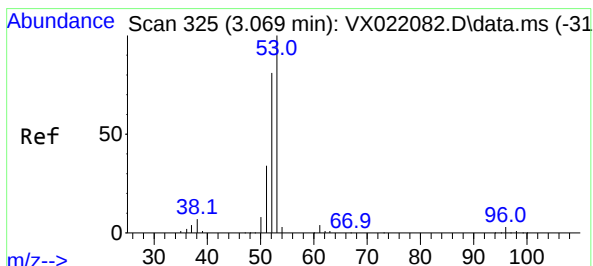
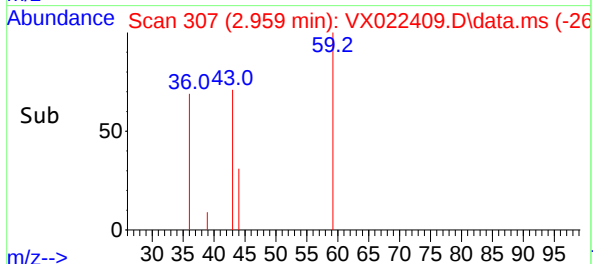
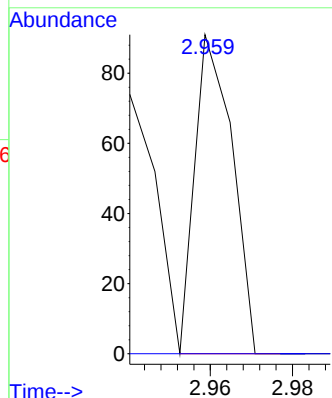
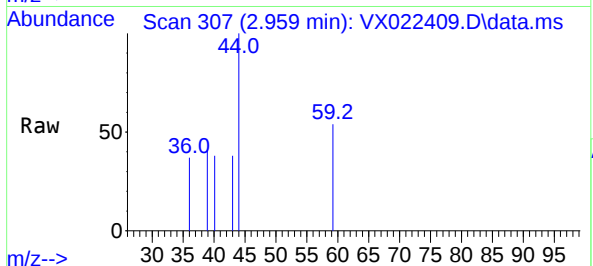


#11

Tert butyl alcohol
Concen: 0.242 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Instrument :
MSVOA_X
ClientSampled :

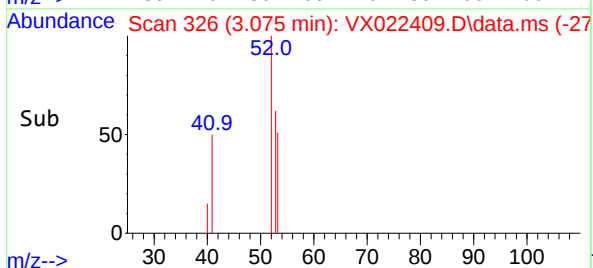
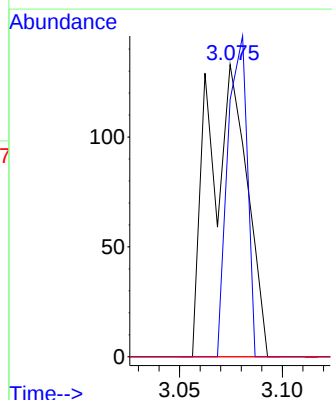
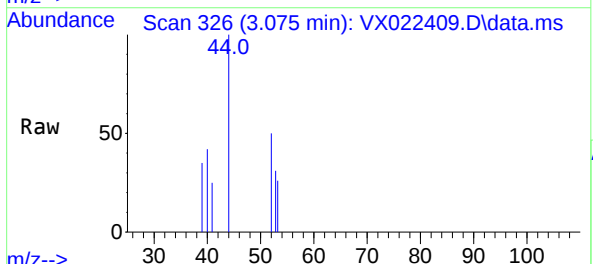
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

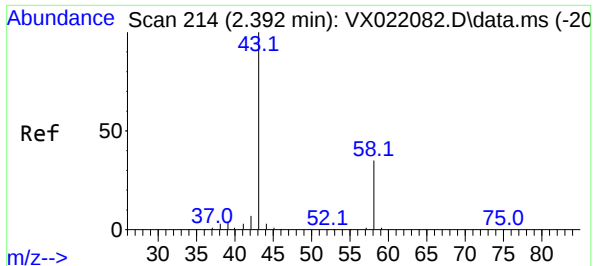


#15

Acrylonitrile
Concen: 0.370 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 53 Resp: 172
Ion Ratio Lower Upper
53 100
52 55.8 65.3 97.9#
51 0.0 28.2 42.2#

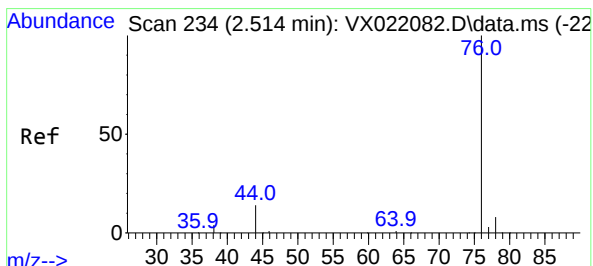
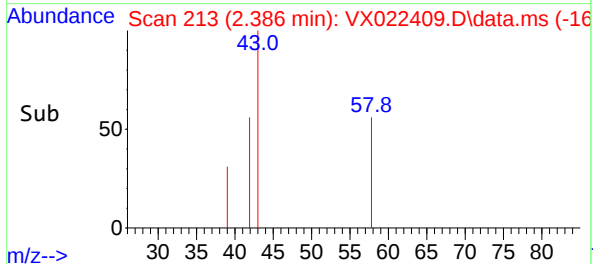
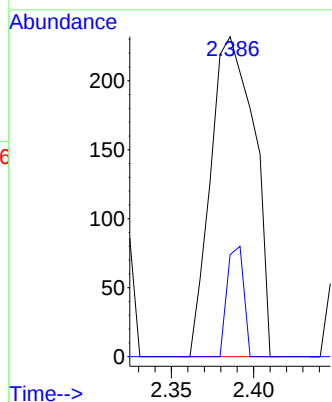
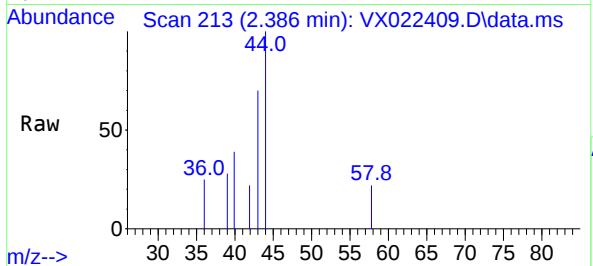




#16
Acetone
Concen: 0.950 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

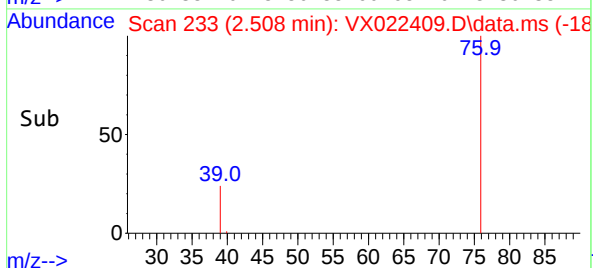
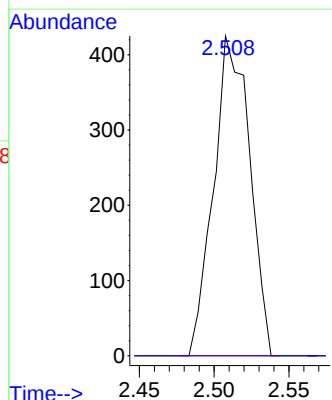
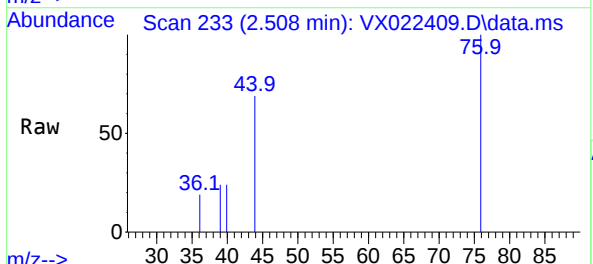
Instrument :
MSVOA_X
ClientSampled :

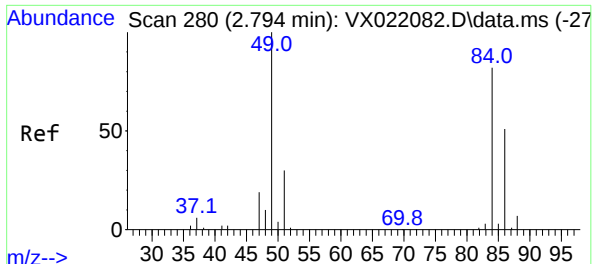
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 31.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.355 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 76 Resp: 712
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.407 ug/l

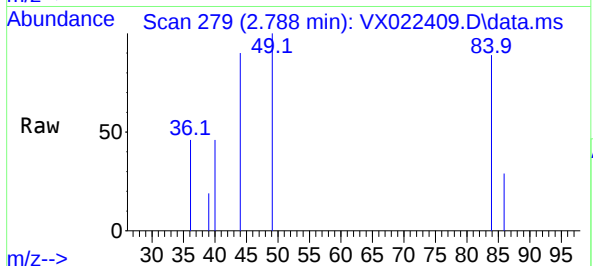
RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022409.D

Acq: 04 Jun 2021 12:06

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 406

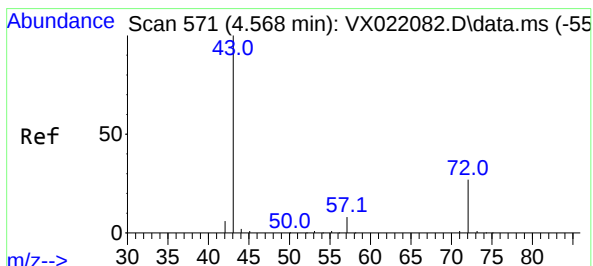
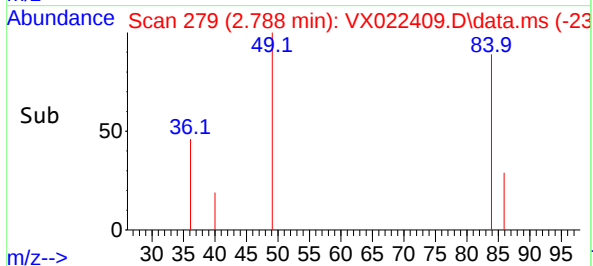
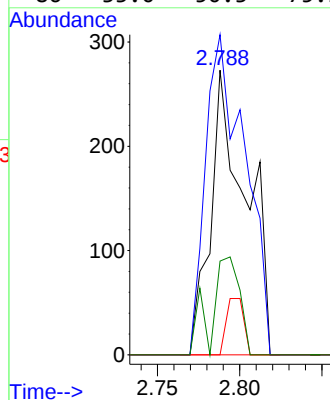
Ion Ratio Lower Upper

84 100

49 112.5 88.6 132.8

51 0.0 27.0 40.6#

86 33.0 50.3 75.5#



#25

2-Butanone

Concen: 0.373 ug/l

RT: 4.611 min Scan# 578

Delta R.T. 0.043 min

Lab File: VX022409.D

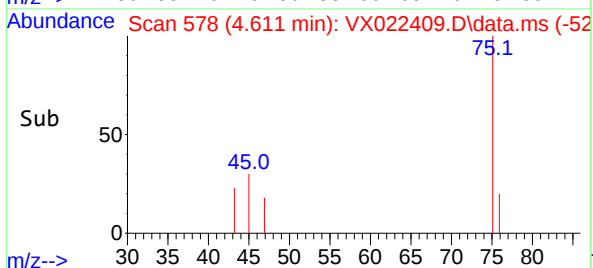
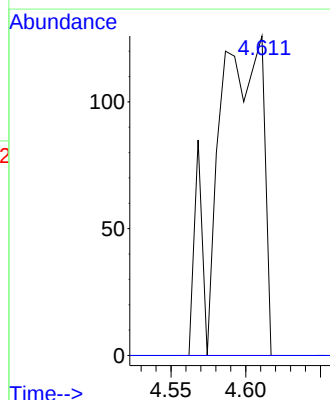
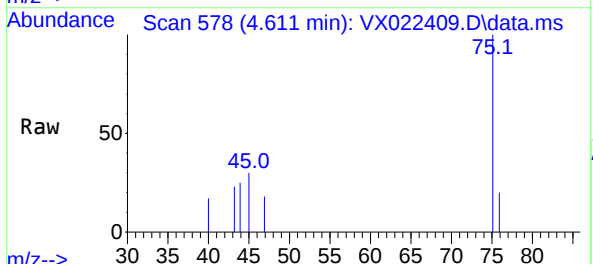
Acq: 04 Jun 2021 12:06

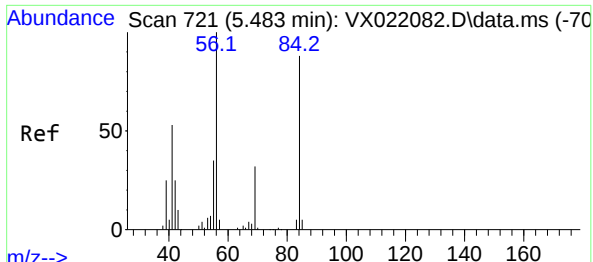
Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

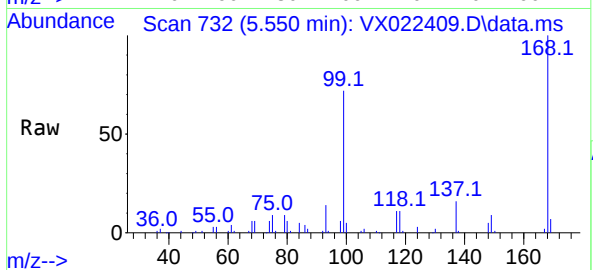
72 0.0 23.7 35.5#



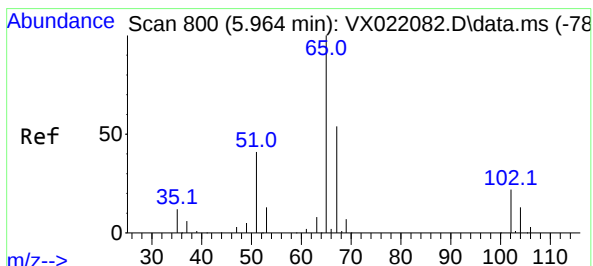
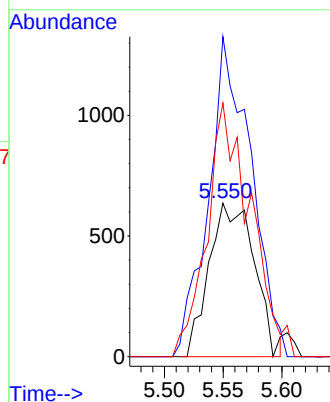
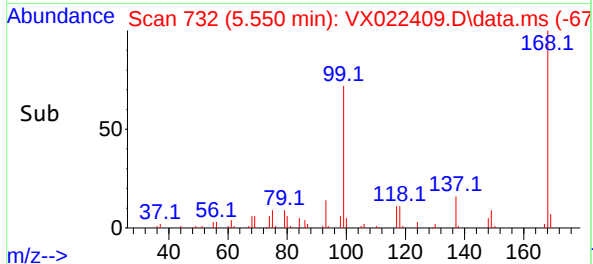


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

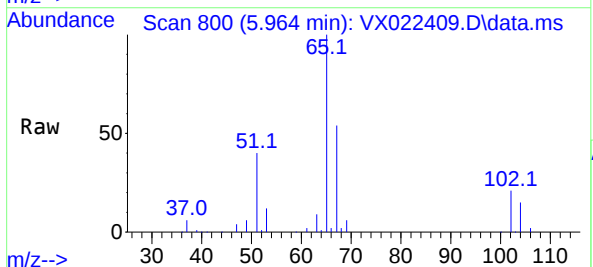
Instrument :
MSVOA_X
ClientSampleId :



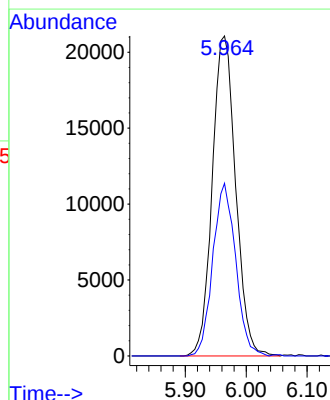
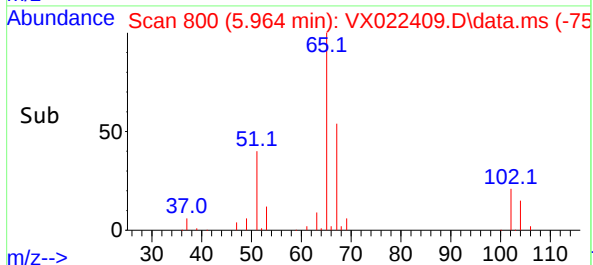
Tgt Ion: 56 Resp: 1702
Ion Ratio Lower Upper
56 100
69 200.2 25.3 37.9#
84 151.3 71.4 107.0#

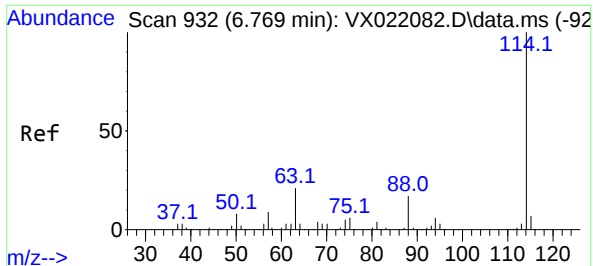


#33
1,2-Dichloroethane-d4
Concen: 54.487 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06



Tgt Ion: 65 Resp: 56220
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

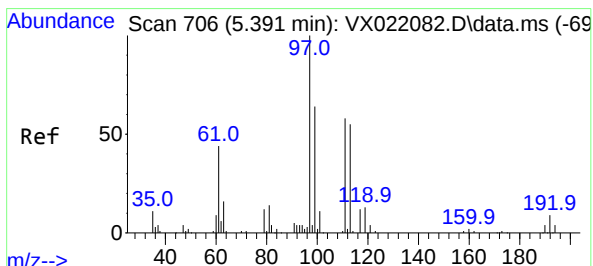
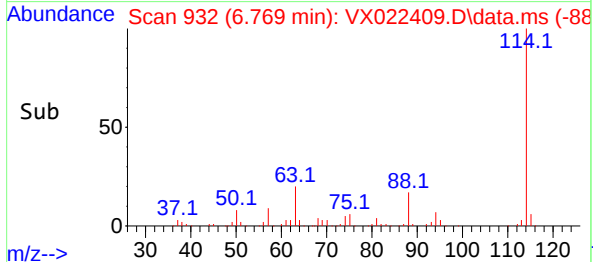
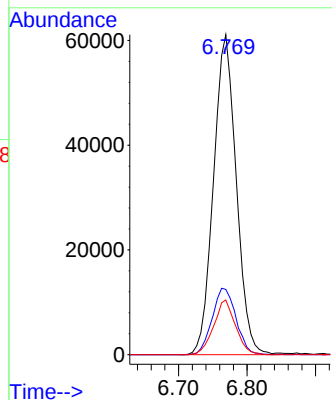
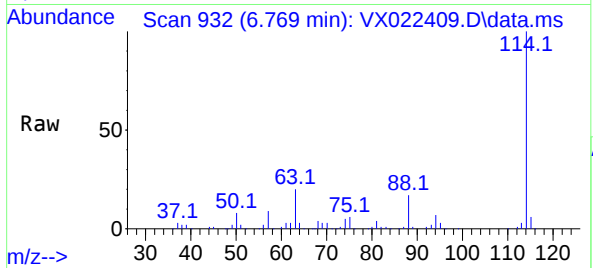




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

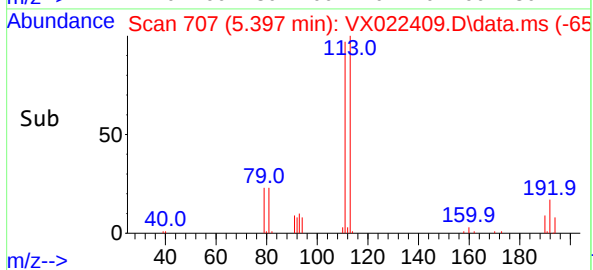
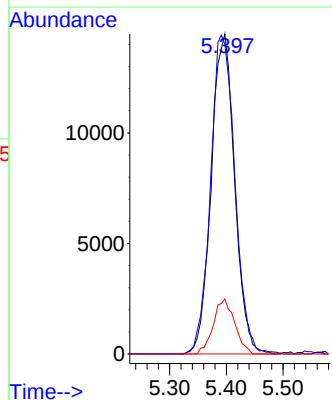
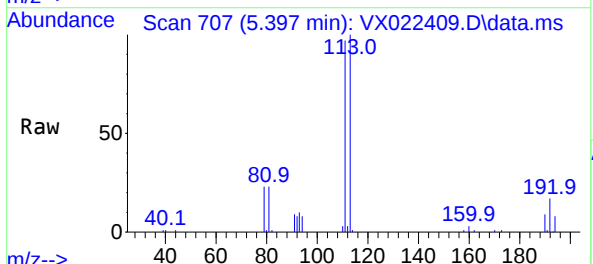
Instrument :
MSVOA_X
ClientSampled :

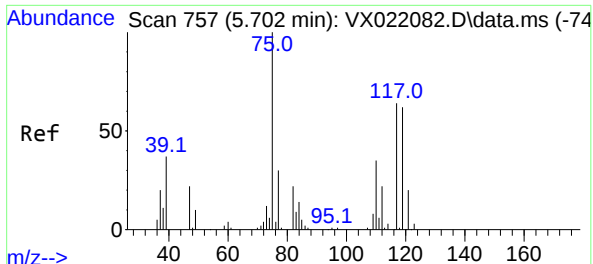
Tgt Ion:114 Resp: 140878
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.538 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion:113 Resp: 41576
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 15.6 16.7 25.1#

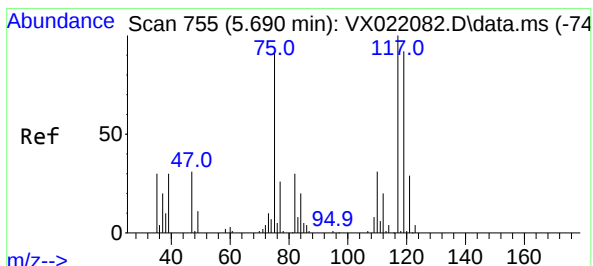
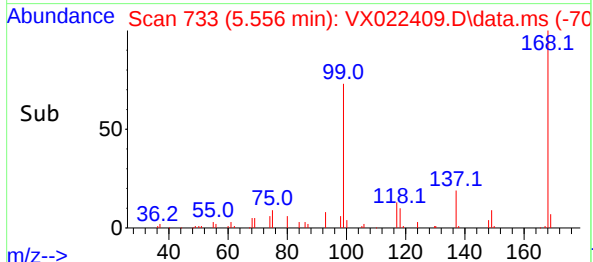
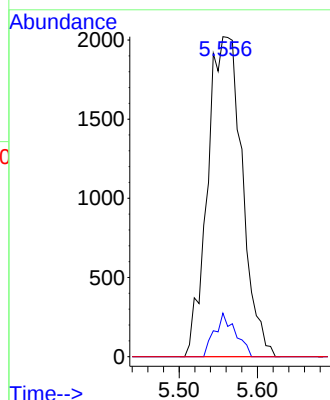
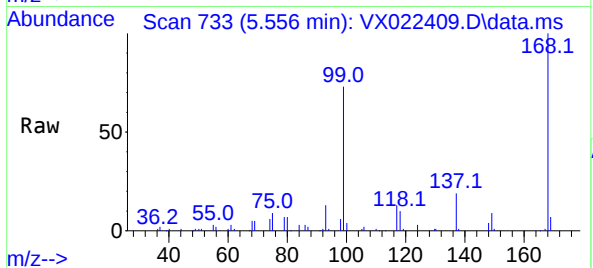




#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

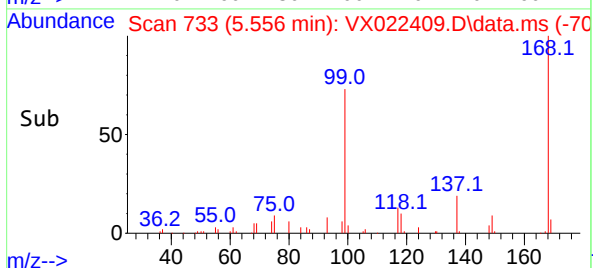
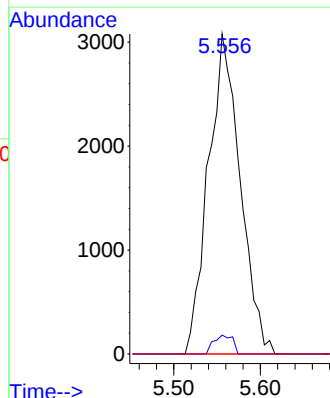
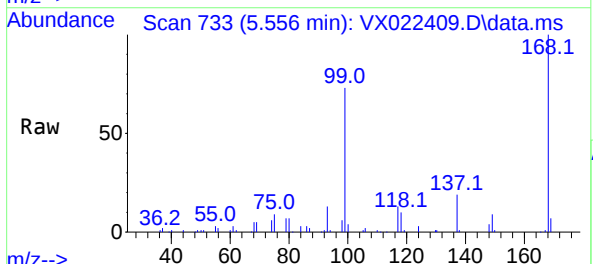
Instrument :
MSVOA_X
ClientSampled :

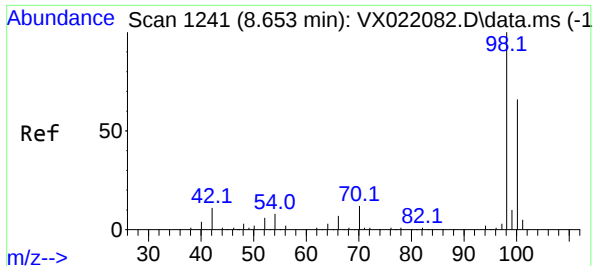
Tgt Ion: 75 Resp: 6183
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 117 Resp: 7859
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.696 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022409.D

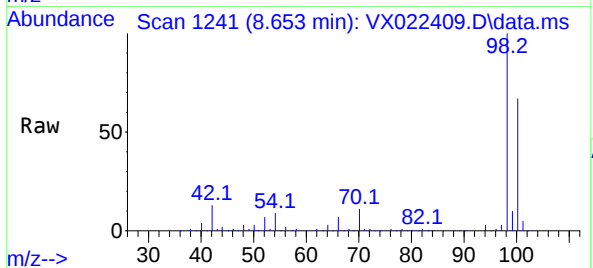
Acq: 04 Jun 2021 12:06

Tgt Ion: 98 Resp: 171025

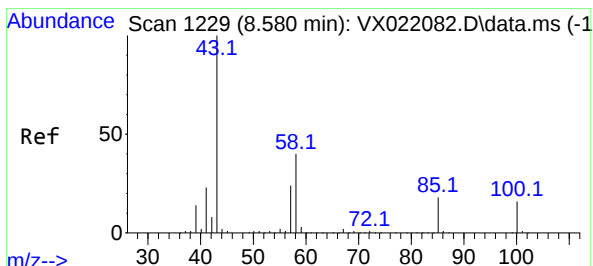
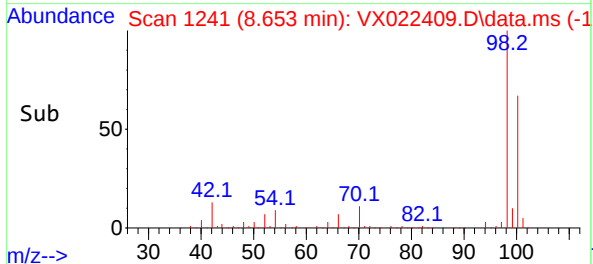
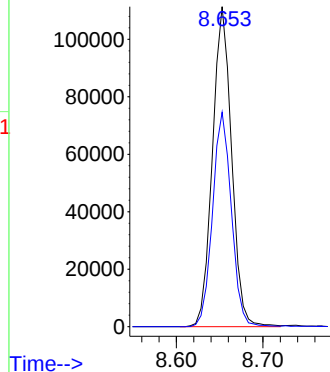
Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9



Abundance



#51

4-Methyl-2-Pentanone

Concen: 0.571 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022409.D

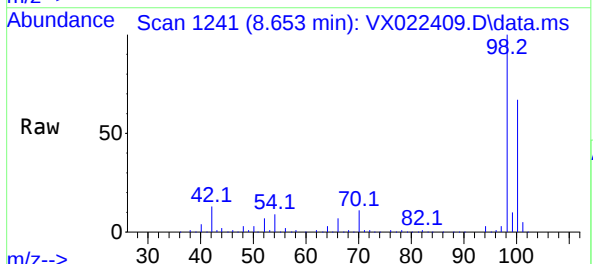
Acq: 04 Jun 2021 12:06

Tgt Ion: 43 Resp: 893

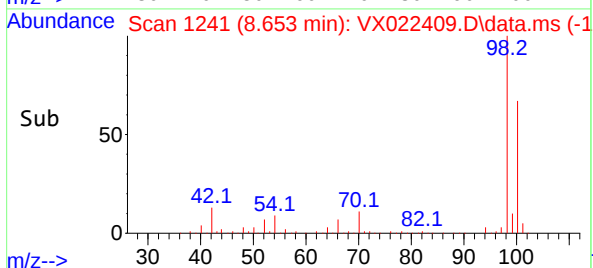
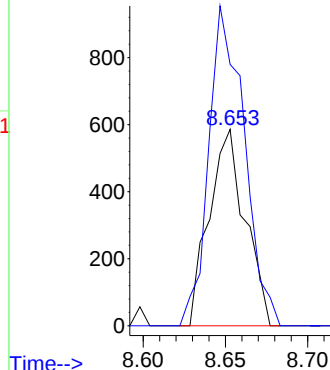
Ion Ratio Lower Upper

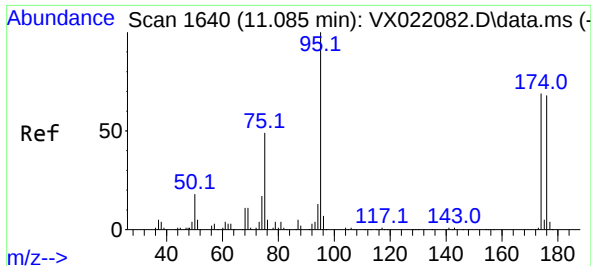
43 100

58 160.4 35.4 53.0#



Abundance

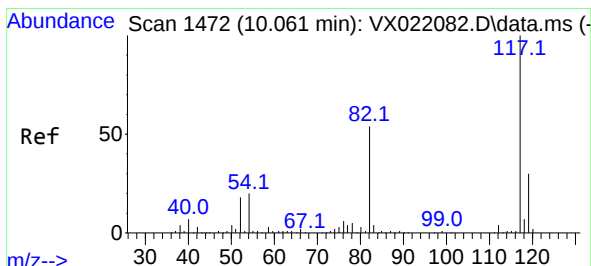
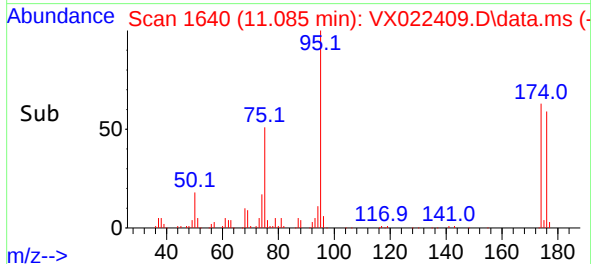
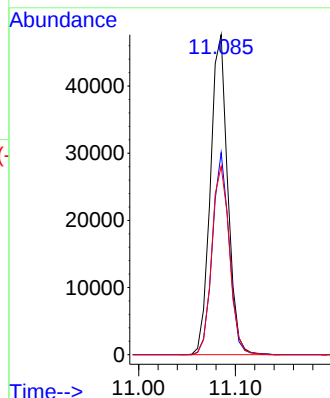
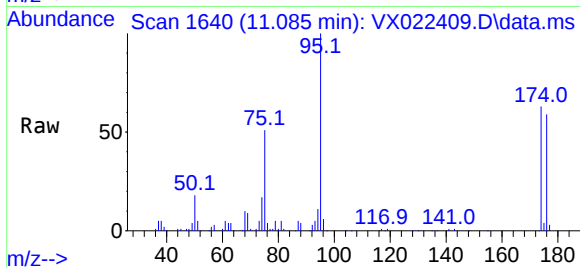




#62
4-Bromofluorobenzene
Concen: 46.641 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

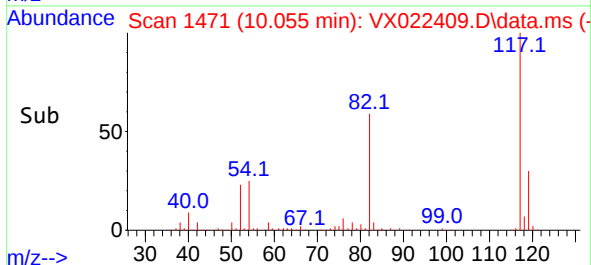
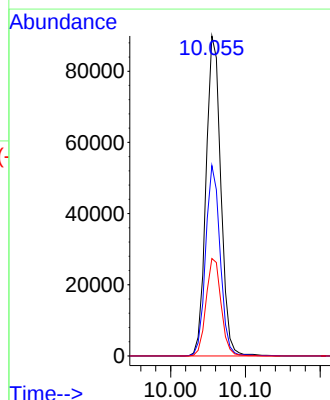
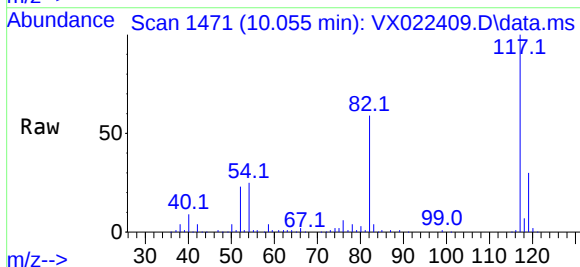
Instrument :
MSVOA_X
ClientSampled :

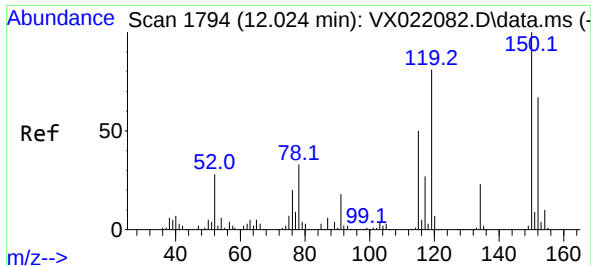
Tgt Ion: 95 Resp: 59328
Ion Ratio Lower Upper
95 100
174 61.0 0.0 154.6
176 60.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 117 Resp: 123577
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 30.5 26.6 39.8

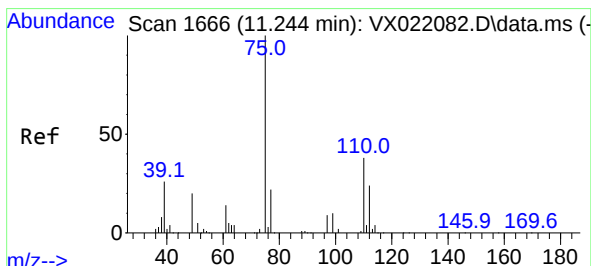
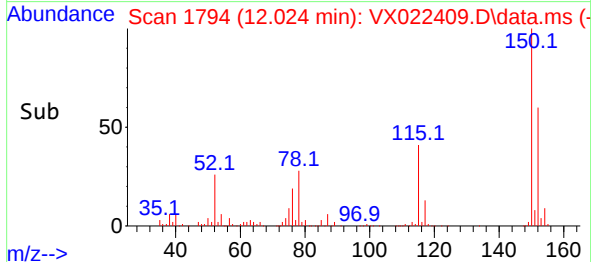
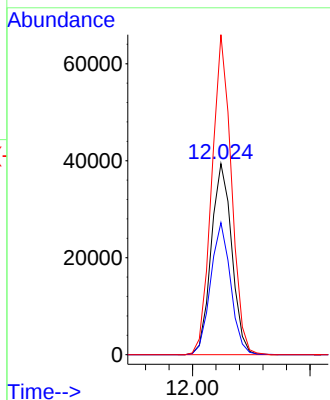
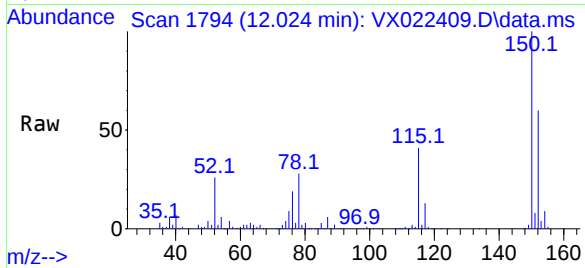




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

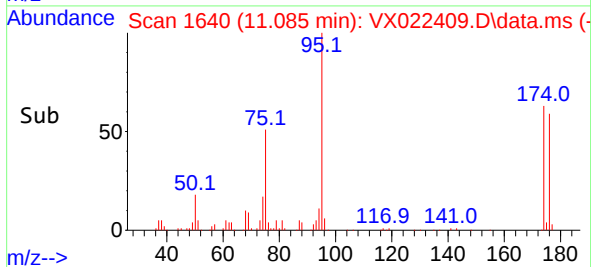
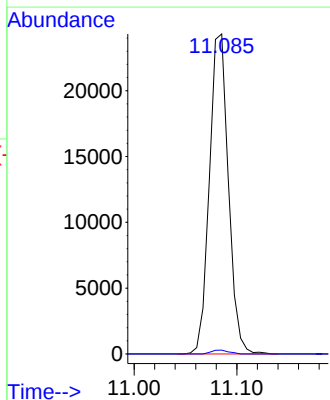
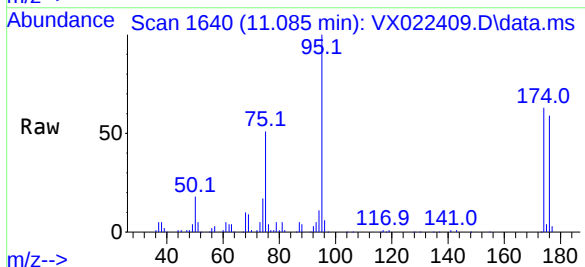
Instrument :
MSVOA_X
ClientSampled :

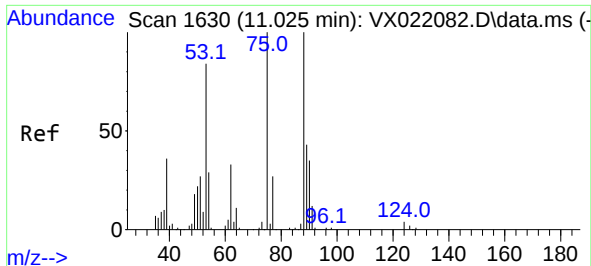
Tgt Ion:152 Resp: 48023
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 159.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.314 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 75 Resp: 31175
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

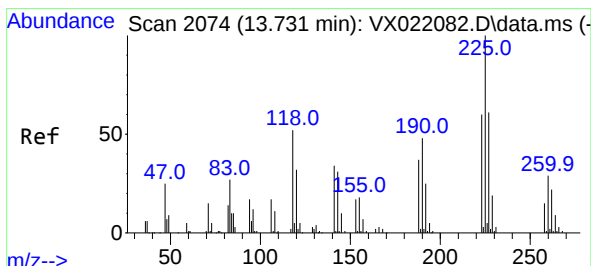
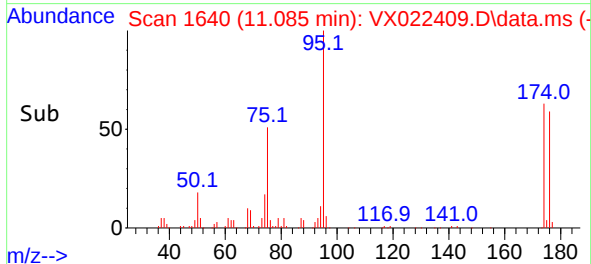
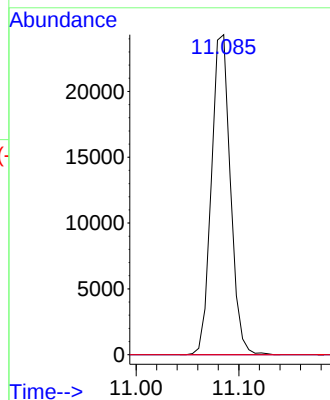
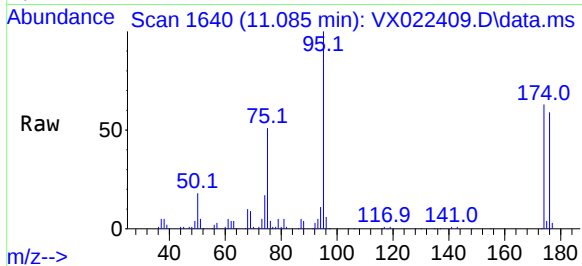




#81
trans-1,4-Dichloro-2-butene
Concen: 62.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 31175
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.218 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022409.D
Acq: 04 Jun 2021 12:06

Tgt Ion: 225 Resp: 82
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 78.0 31.6 95.0

