

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022374.D
 Acq On : 03 Jun 2021 18:21
 Operator : JC/MD
 Sample : M2583-20 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 35-38

Quant Time: Jun 04 03:53:33 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)

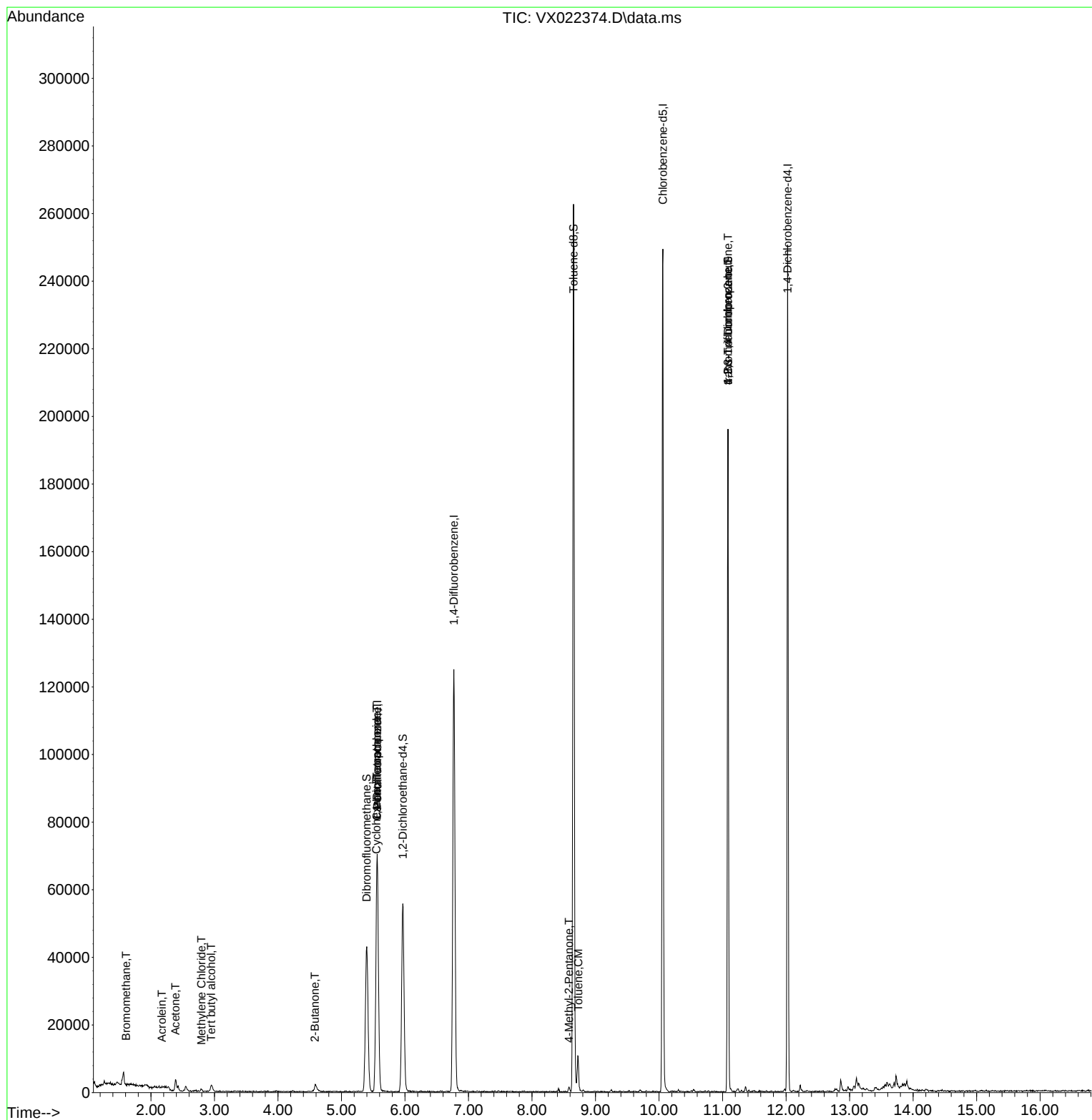
Internal Standards						
1) Pentafluorobenzene	5.562	168	59499	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	109968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51116	55.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.38%
35) Dibromofluoromethane	5.397	113	38053	47.69	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.38%
50) Toluene-d8	8.653	98	150926	49.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.20%
62) 4-Bromofluorobenzene	11.085	95	52597	46.29	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.58%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	130	0.27	ug/l	# 2
11) Tert butyl alcohol	2.946	59	1500	7.15	ug/l	# 73
13) Acrolein	2.172	56	33	0.24	ug/l	# 2
16) Acetone	2.385	43	3853	9.64	ug/l	90
20) Methylene Chloride	2.794	84	299	0.34	ug/l	# 70
25) 2-Butanone	4.580	43	537	0.83	ug/l	# 45
31) Cyclohexane	5.549	56	1644	1.43	ug/l	# 43
36) 1,1-Dichloropropene	5.556	75	5858	5.03	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	7125	6.26	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.579	43	870	0.62	ug/l	98
52) Toluene	8.726	92	3623	1.60	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	28115	26.37	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28115	62.47	ug/l	# 12

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

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ClientSampleId :
35-38

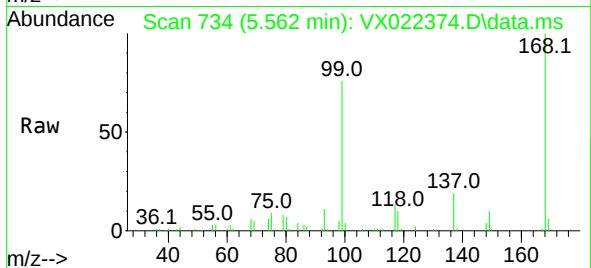
Quant Time: Jun 04 03:53:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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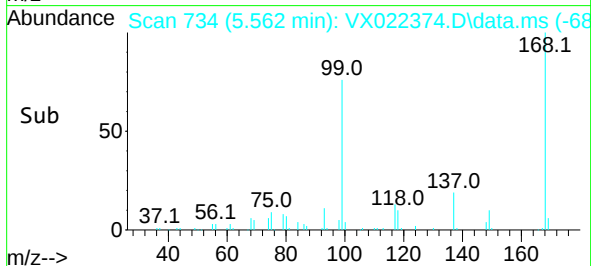
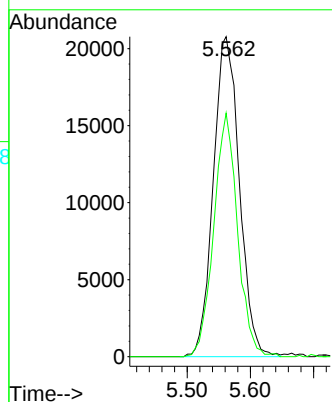


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Instrument :
MSVOA_X
ClientSampled :
35-38

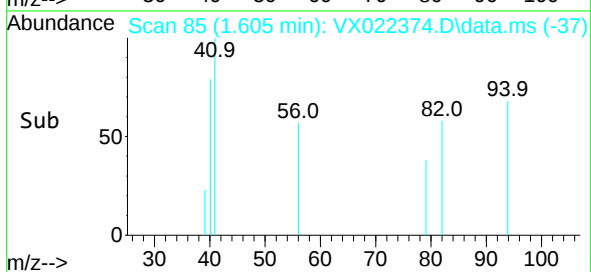
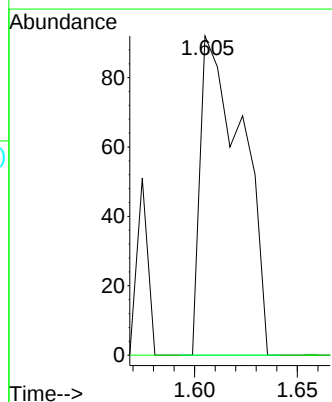
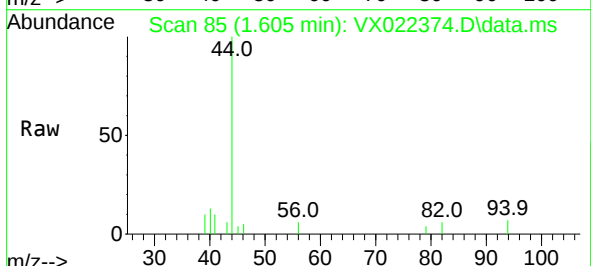


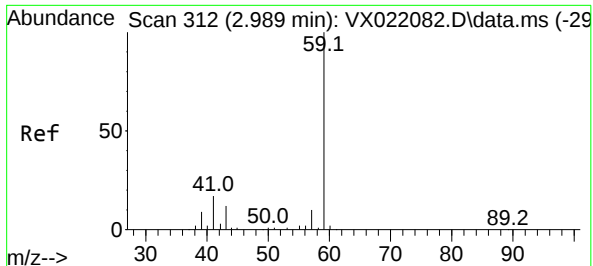
Tgt Ion:168 Resp: 59499
Ion Ratio Lower Upper
168 100
99 76.1 45.8 68.6#



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



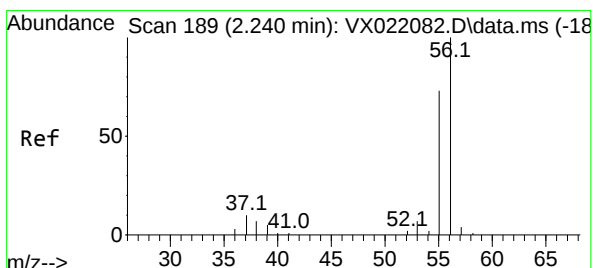
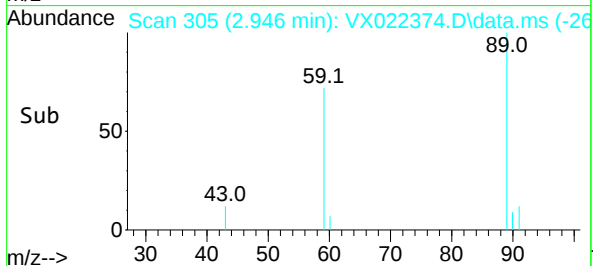
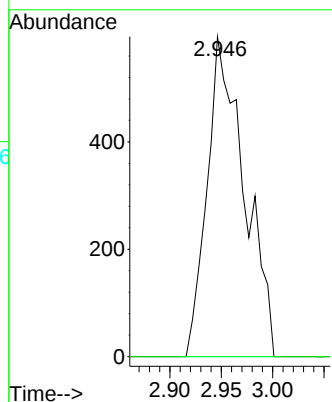
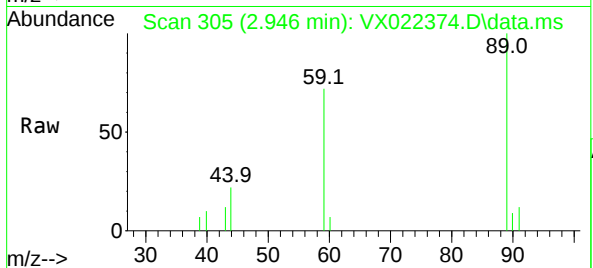


#11

Tert butyl alcohol
Concen: 7.15 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Instrument :
MSVOA_X
ClientSampled :
35-38

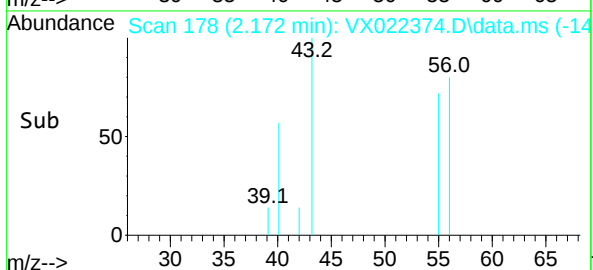
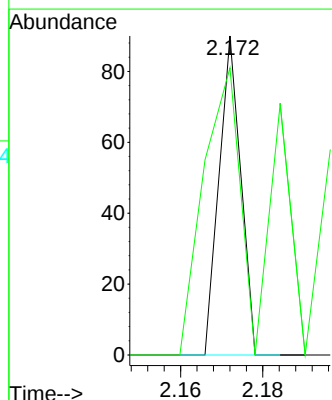
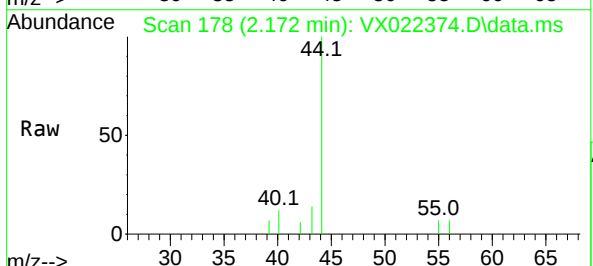
Tgt Ion: 59 Resp: 1500
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

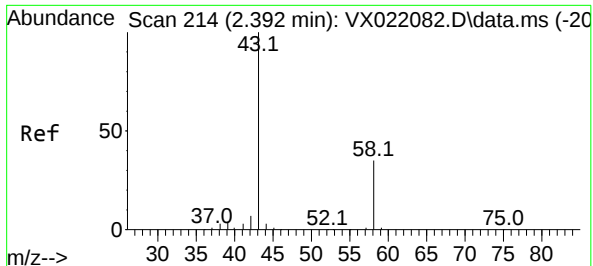


#13

Acrolein
Concen: 0.24 ug/l
RT: 2.172 min Scan# 178
Delta R.T. -0.068 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

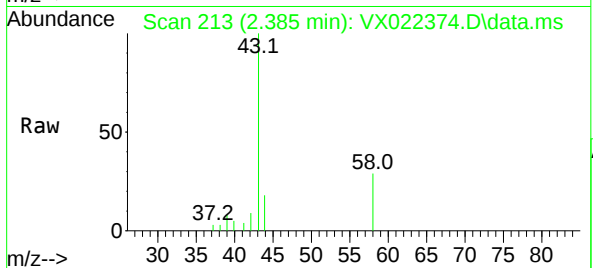
Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 151.5 56.4 84.6#



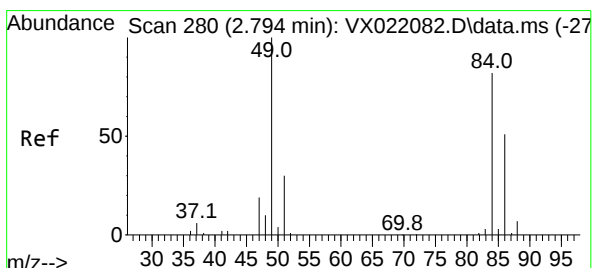
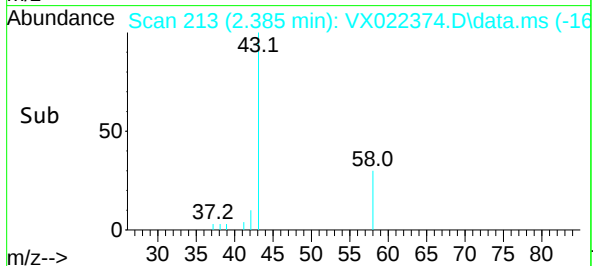
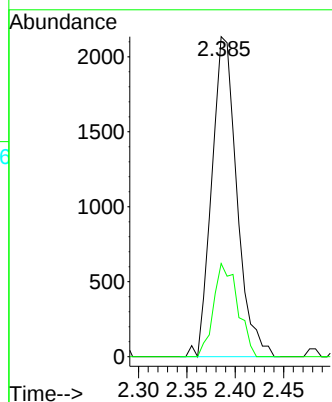


#16
Acetone
Concen: 9.64 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Instrument :
MSVOA_X
ClientSampled :
35-38

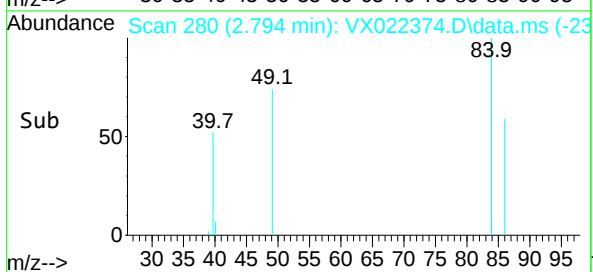
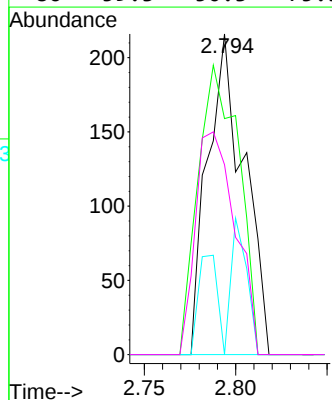
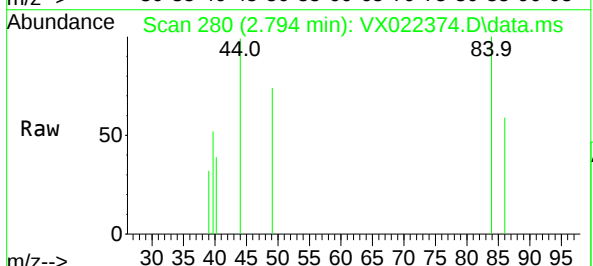


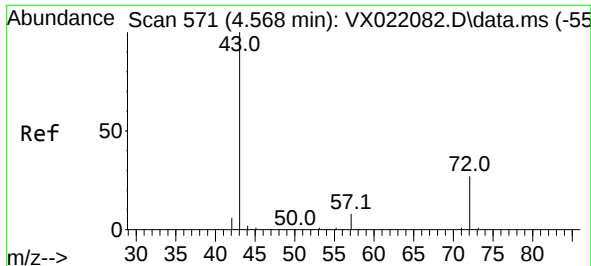
Tgt Ion: 43 Resp: 3853
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Tgt Ion: 84 Resp: 299
Ion Ratio Lower Upper
84 100
49 73.6 88.6 132.8#
51 0.0 27.0 40.6#
86 59.3 50.3 75.5

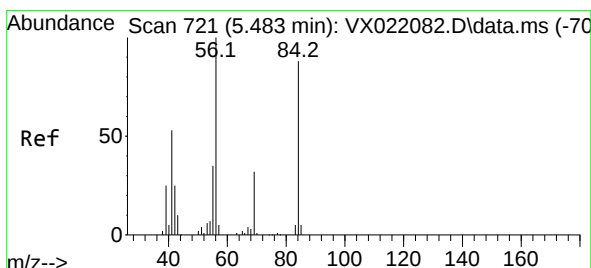
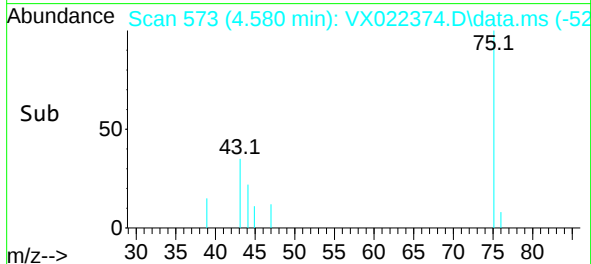
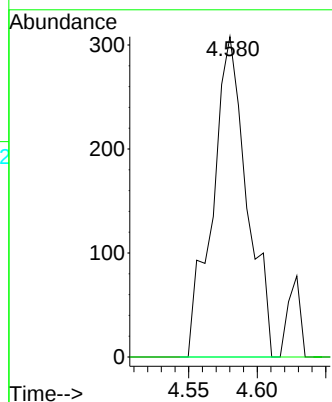
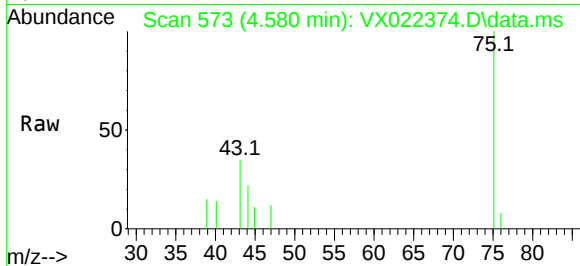




#25
2-Butanone
Concen: 0.83 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

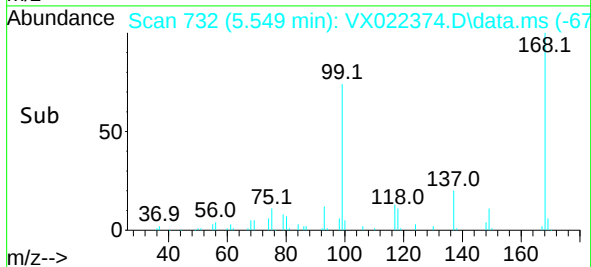
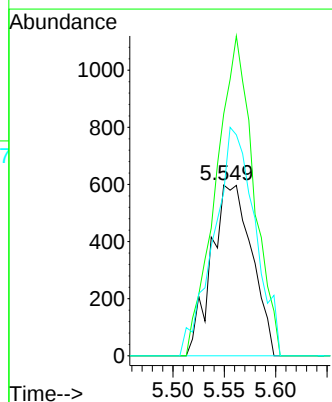
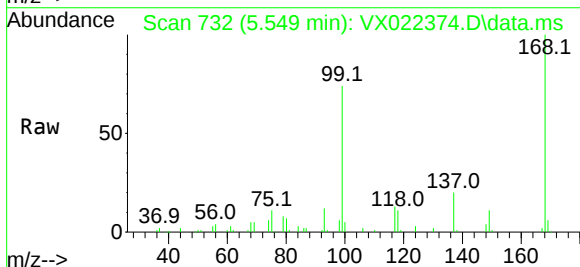
Instrument :
MSVOA_X
ClientSampled :
35-38

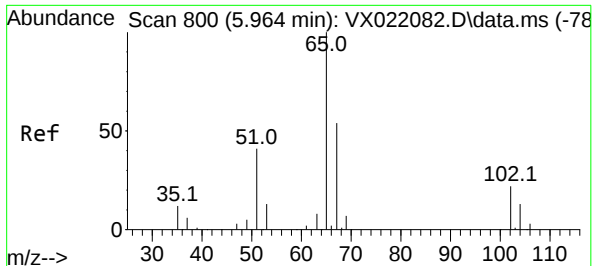
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.066 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Tgt Ion: 56 Resp: 1644
Ion Ratio Lower Upper
56 100
69 141.6 25.3 37.9#
84 95.7 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 55.69 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022374.D

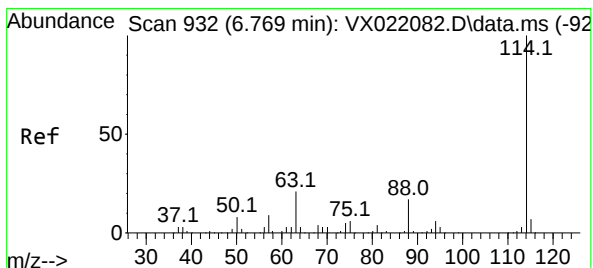
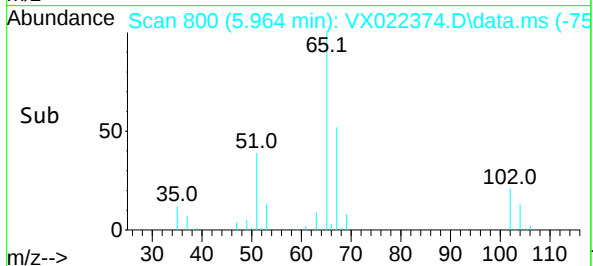
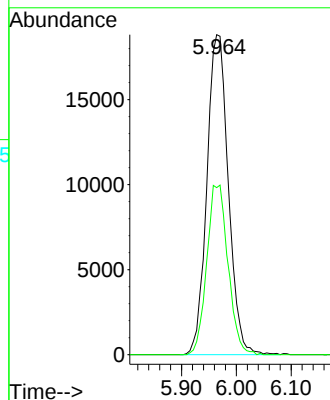
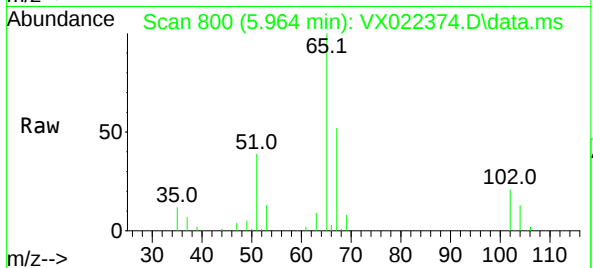
Acq: 03 Jun 2021 18:21

Tgt Ion: 65 Resp: 51116

Ion Ratio Lower Upper

65 100

67 52.5 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: VX022374.D

Acq: 03 Jun 2021 18:21

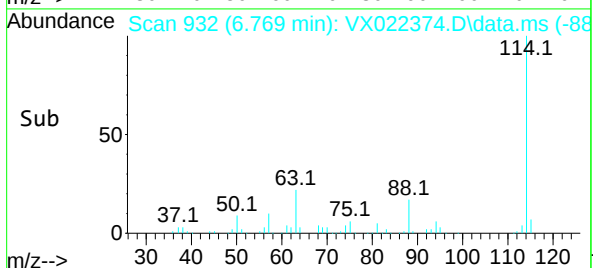
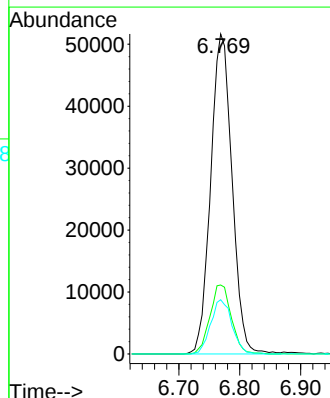
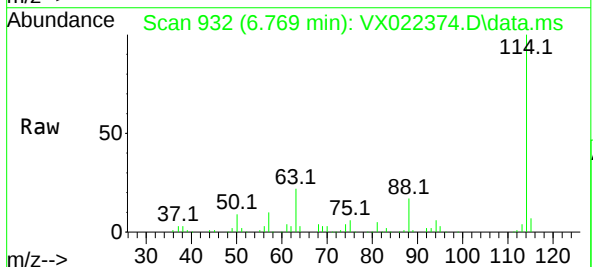
Tgt Ion: 114 Resp: 125837

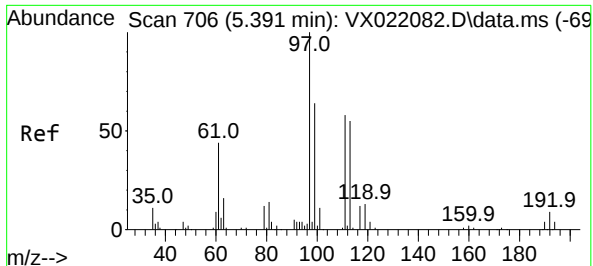
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

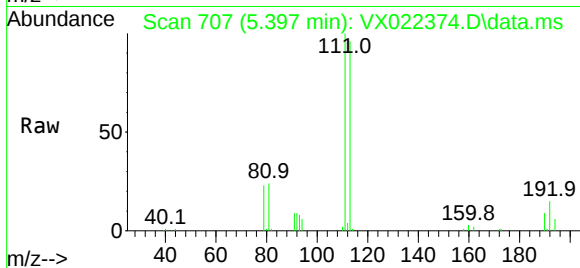
88 17.0 0.0 32.8



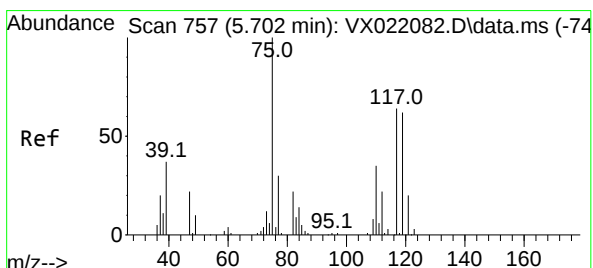
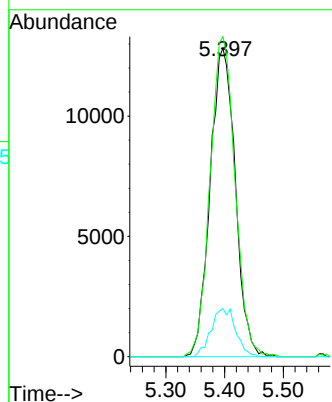
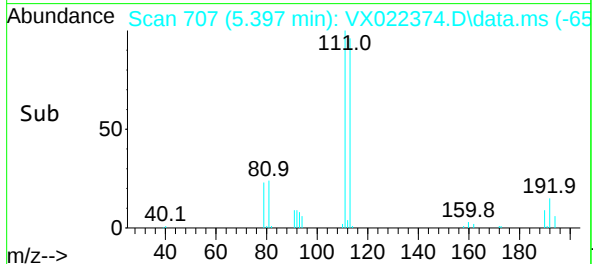


#35
Dibromofluoromethane
Concen: 47.69 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

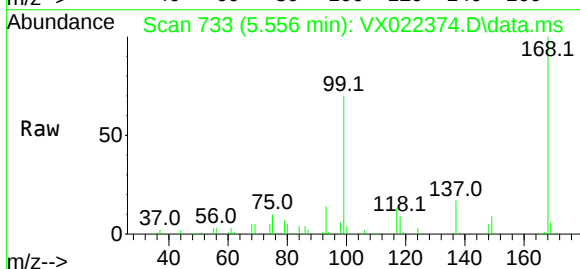
Instrument :
MSVOA_X
ClientSampled :
35-38



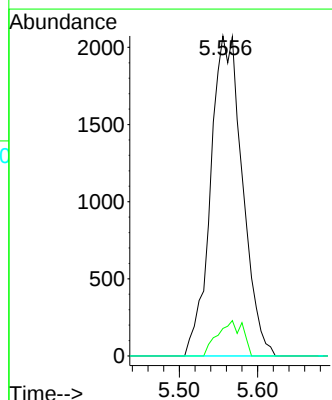
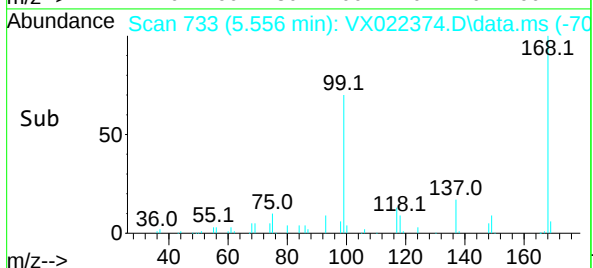
Tgt Ion:113 Resp: 38053
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.3 16.7 25.1#

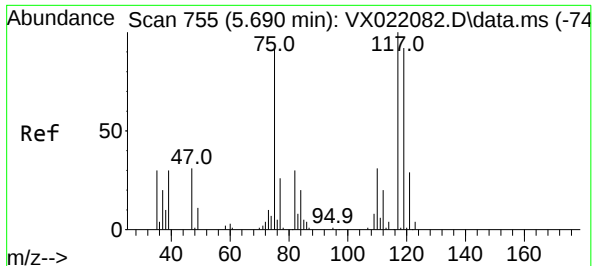


#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21



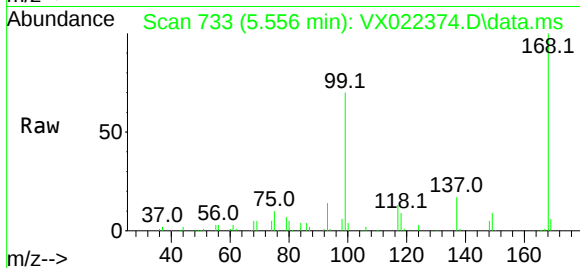
Tgt Ion: 75 Resp: 5858
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



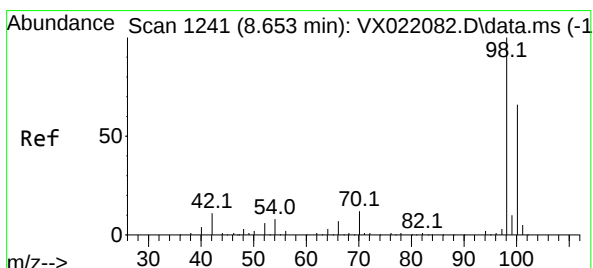
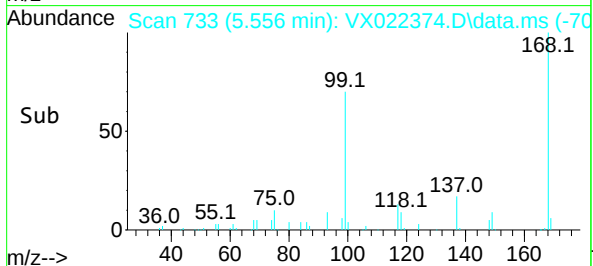
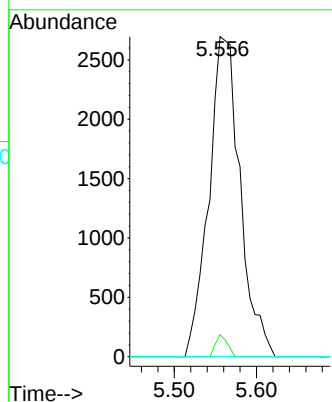


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Instrument :
MSVOA_X
ClientSampleId :
35-38

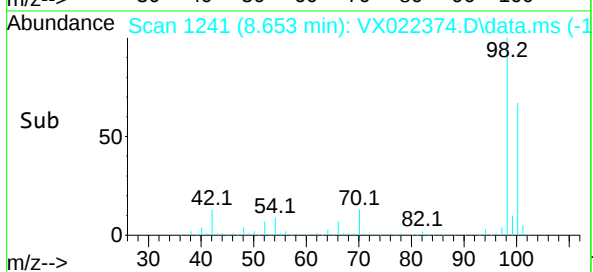
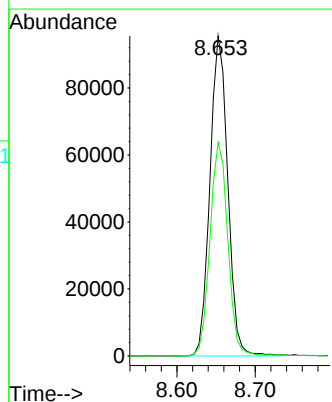
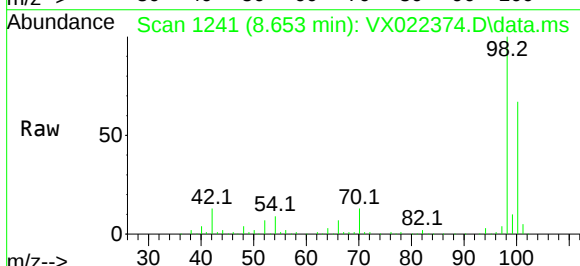


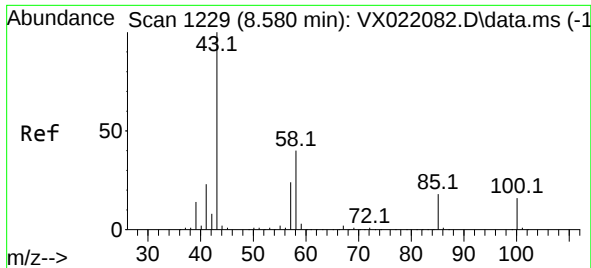
Tgt Ion:117 Resp: 7125
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.10 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Tgt Ion: 98 Resp: 150926
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9

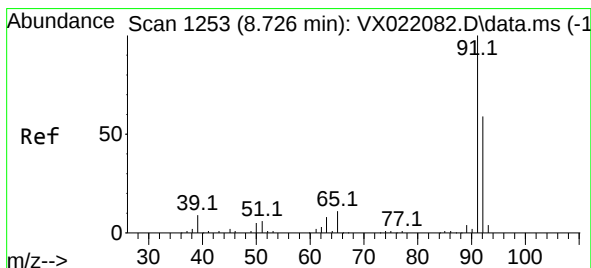
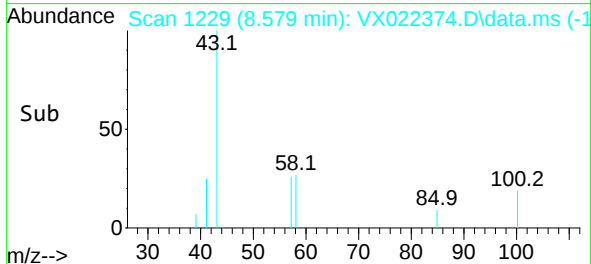
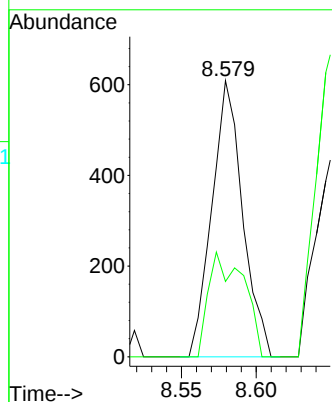
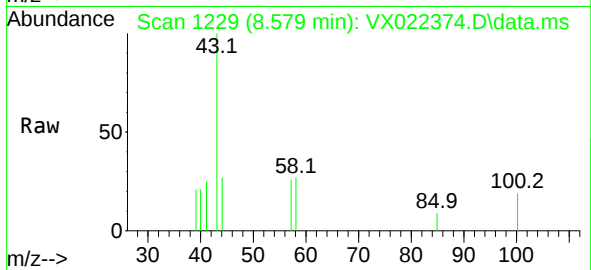




#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. -0.001 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

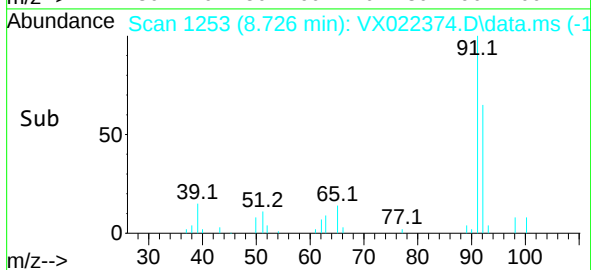
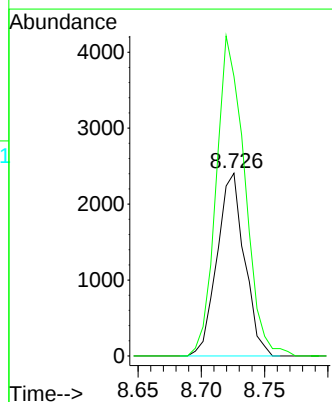
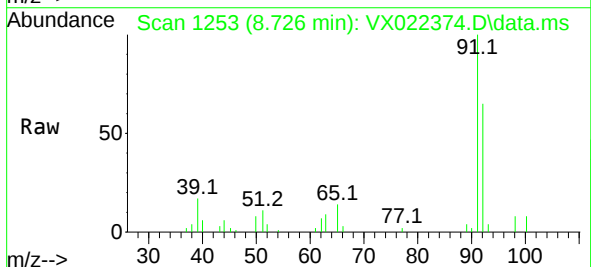
Instrument :
MSVOA_X
ClientSampled :
35-38

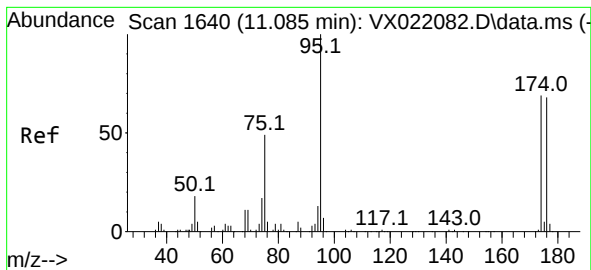
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 43.1 35.4 53.0



#52
Toluene
Concen: 1.60 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Tgt Ion: 92 Resp: 3623
Ion Ratio Lower Upper
92 100
91 182.0 137.1 205.7

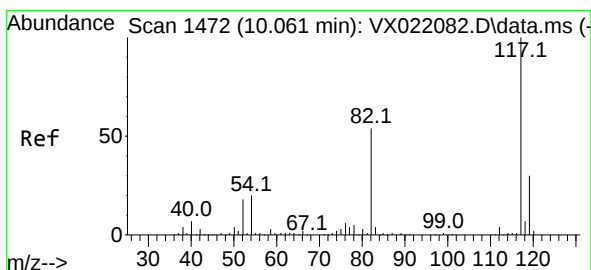
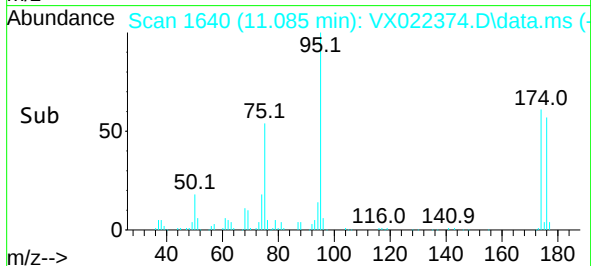
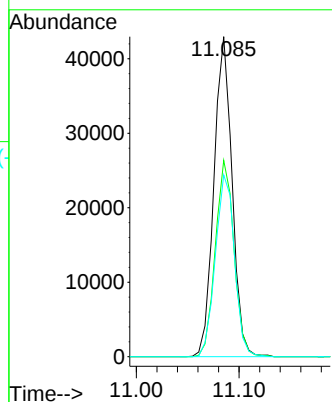
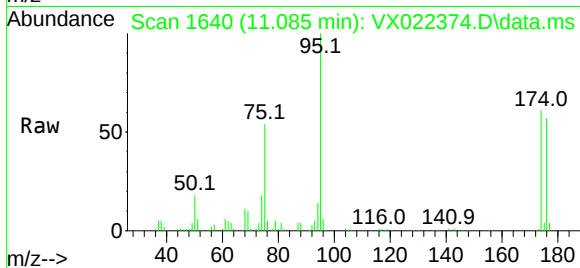




#62
4-Bromofluorobenzene
Concen: 46.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

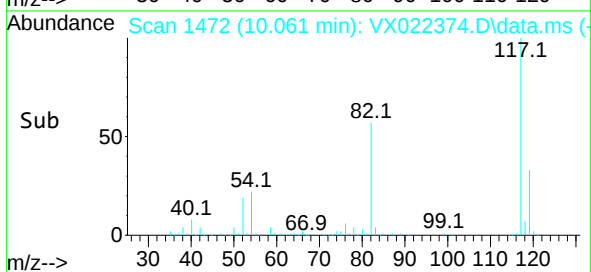
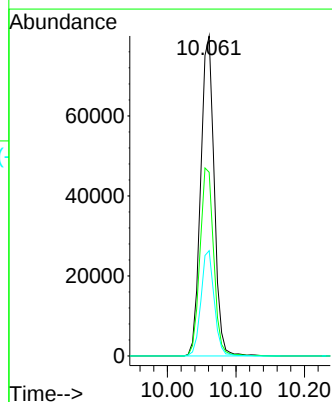
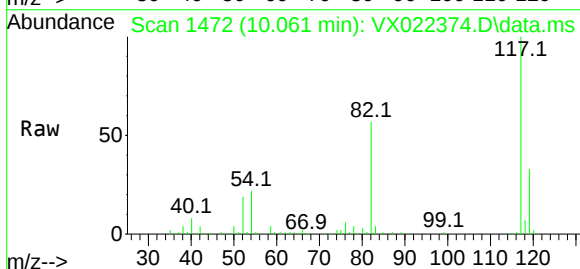
Instrument :
MSVOA_X
ClientSampled :
35-38

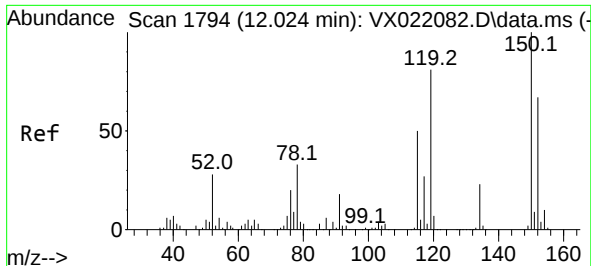
Tgt Ion: 95 Resp: 52597
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

Tgt Ion: 117 Resp: 109968
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.9 26.6 39.8

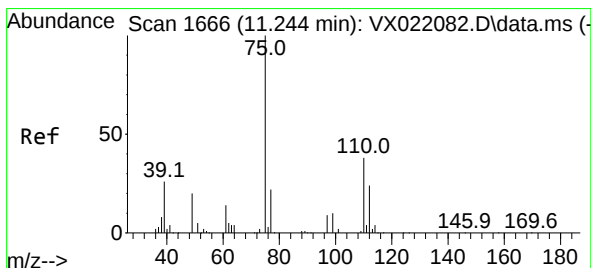
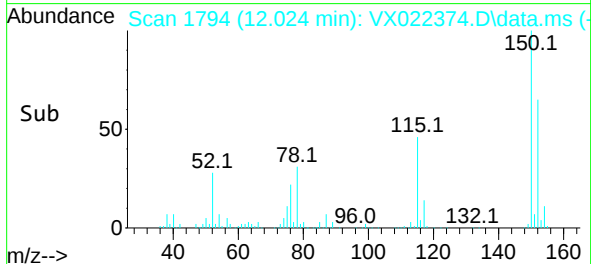
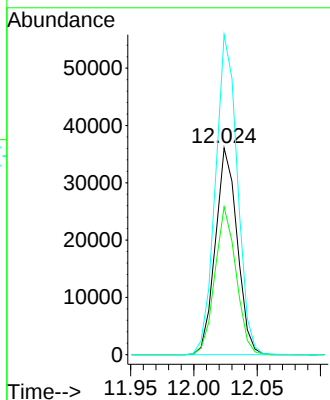
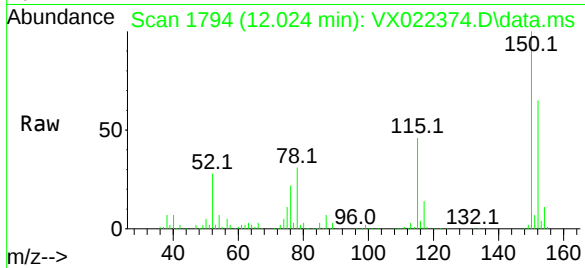




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

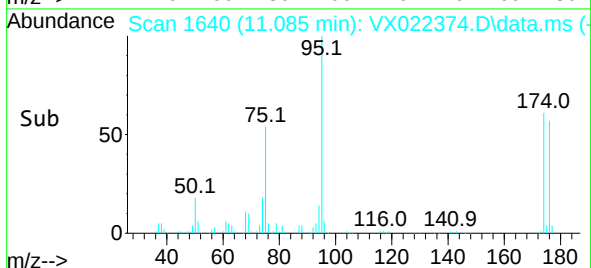
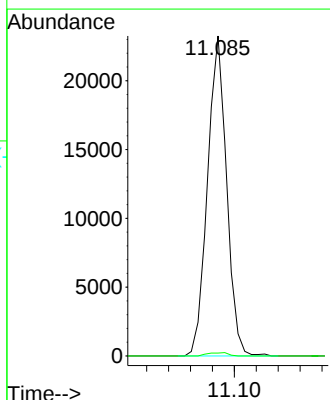
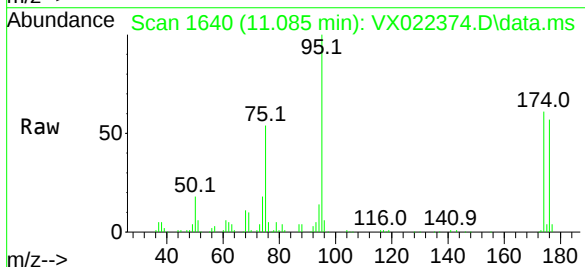
Instrument :
MSVOA_X
ClientSampled :
35-38

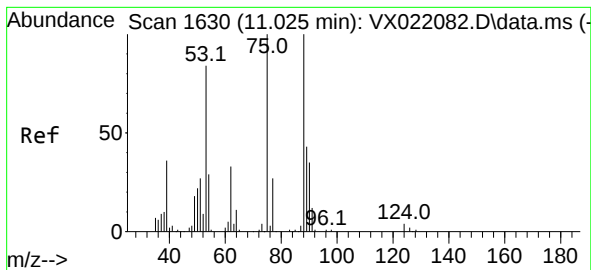
Tgt Ion:152 Resp: 43225
Ion Ratio Lower Upper
152 100
115 69.3 41.1 123.3
150 155.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022374.D
Acq: 03 Jun 2021 18:21

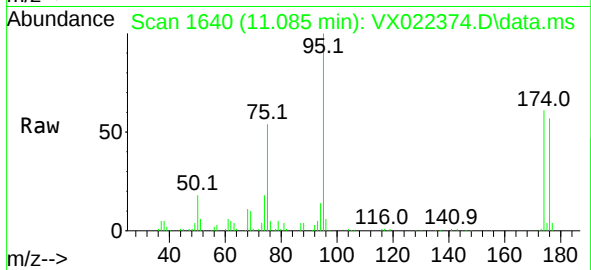
Tgt Ion: 75 Resp: 28115
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.47 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022374.D
 Acq: 03 Jun 2021 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 35-38



Tgt Ion: 75 Resp: 28115
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

