

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022329.D
 Acq On : 02 Jun 2021 11:26
 Operator : JC/MD
 Sample : VX0602WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 02:17:42 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)

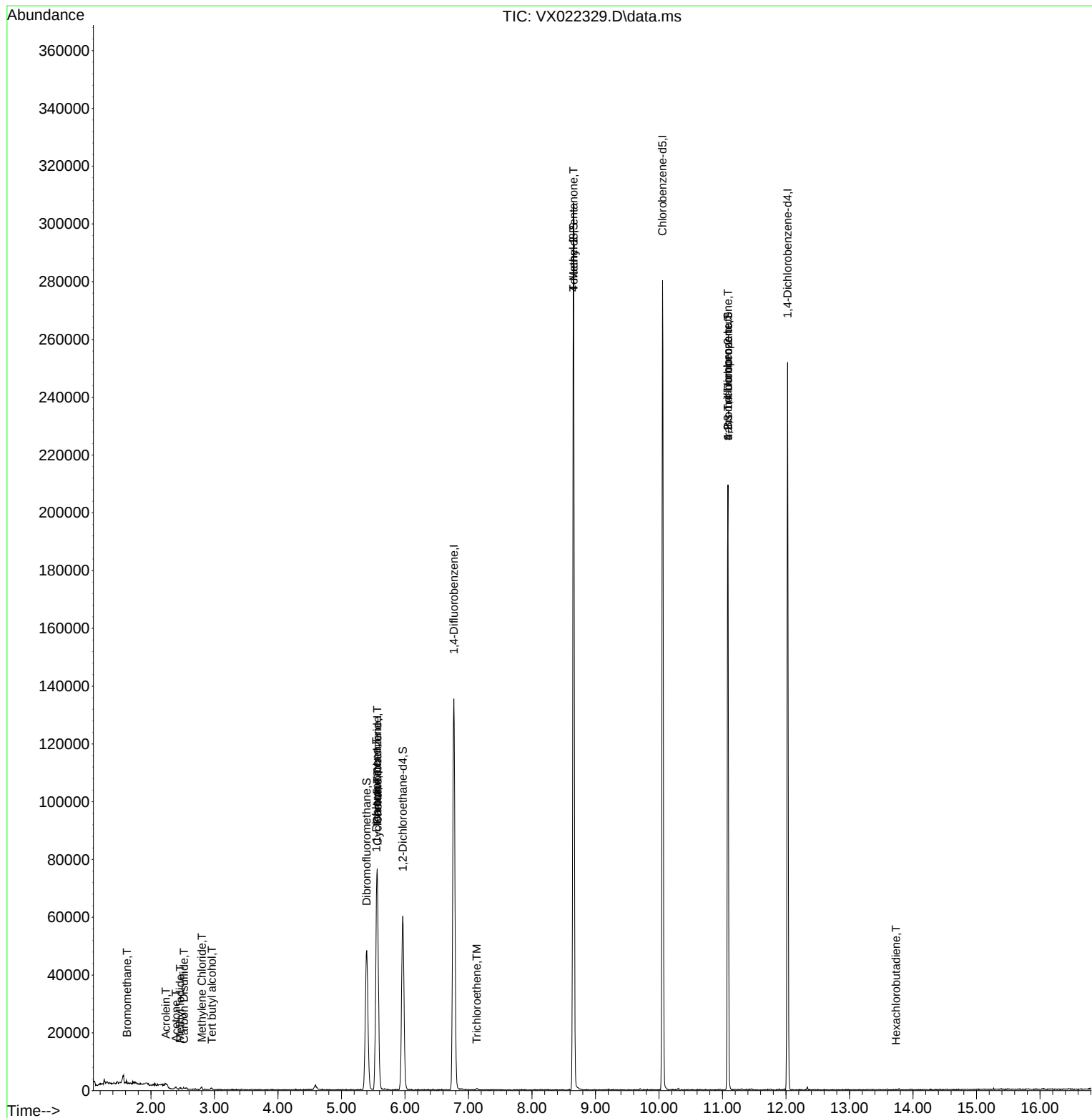
Internal Standards						
1) Pentafluorobenzene	5.562	168	65141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	138217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55505	55.24	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.48%
35) Dibromofluoromethane	5.397	113	41825	47.72	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.44%
50) Toluene-d8	8.653	98	170835	50.60	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.20%
62) 4-Bromofluorobenzene	11.085	95	56214	45.04	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.08%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	258	0.49	ug/l	85
10) Methyl Iodide	2.459	142	483	0.58	ug/l #	82
11) Tert butyl alcohol	2.959	59	355	1.54	ug/l #	73
13) Acrolein	2.233	56	84	0.55	ug/l #	1
16) Acetone	2.392	43	887	2.03	ug/l	97
17) Carbon Disulfide	2.520	76	621	0.32	ug/l #	75
20) Methylene Chloride	2.800	84	395	0.41	ug/l #	60
31) Cyclohexane	5.568	56	1780	1.41	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	3120	2.44	ug/l #	56
38) Carbon Tetrachloride	5.562	117	7997	6.40	ug/l #	14
44) Trichloroethene	7.129	130	242	0.25	ug/l	88
51) 4-Methyl-2-Pentanone	8.653	43	836	0.54	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30123	27.29	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	30123	64.67	ug/l #	12
94) Hexachlorobutadiene	13.731	225	74	0.21	ug/l #	55

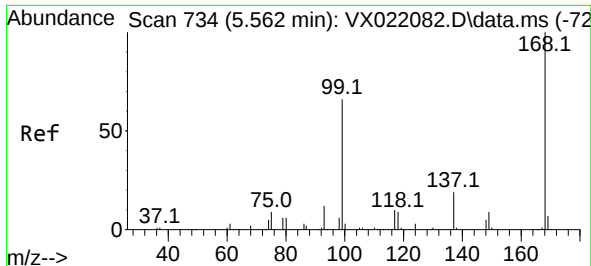
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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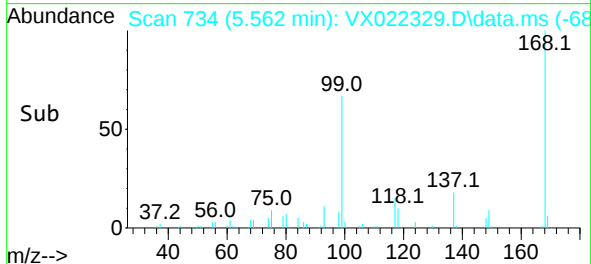
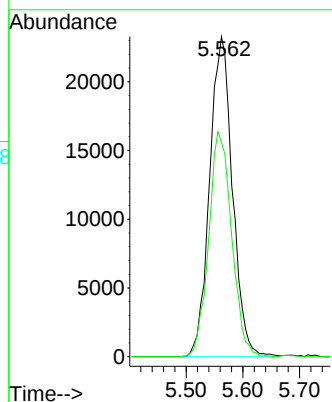
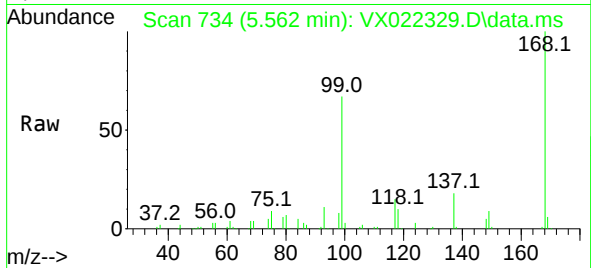




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

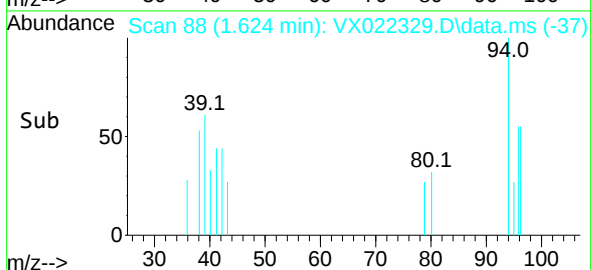
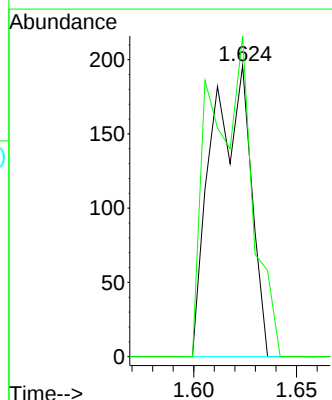
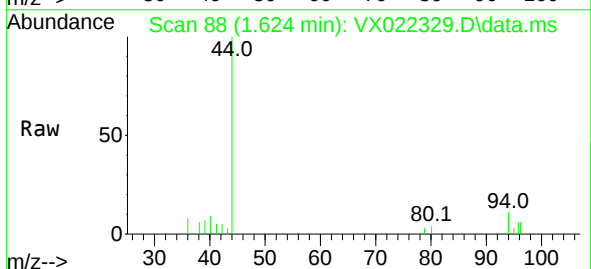
Instrument :
MSVOA_X
ClientSampled :

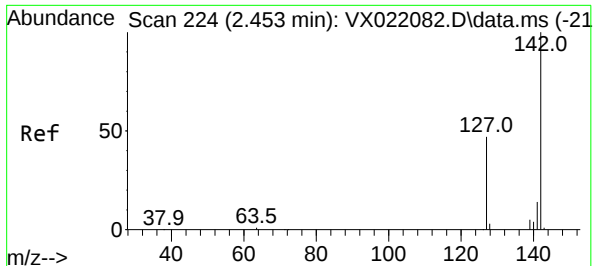
Tgt Ion:168 Resp: 65141
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

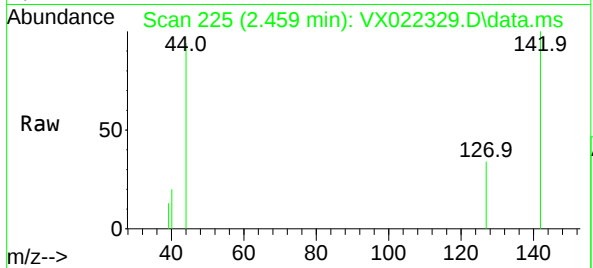
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 110.2 76.4 114.6



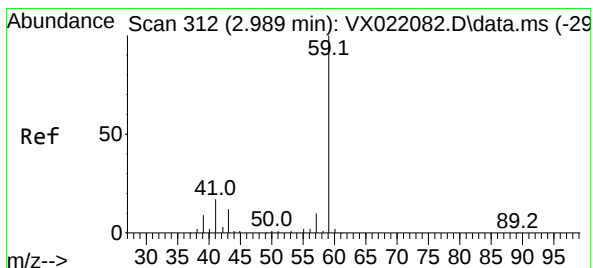
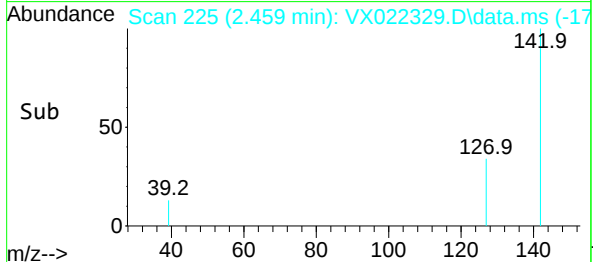
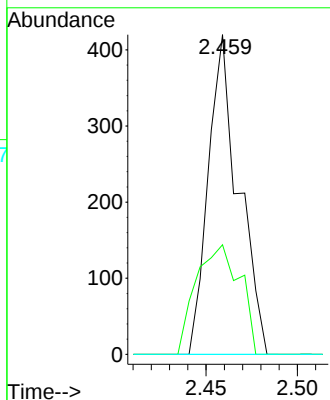


#10
Methyl Iodide
Concen: 0.58 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

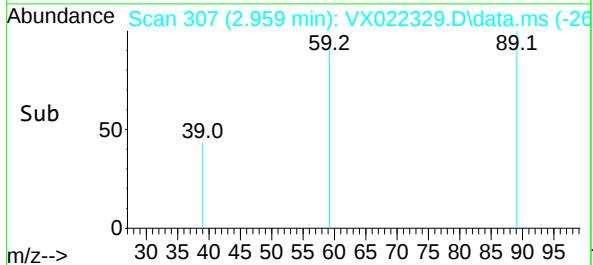
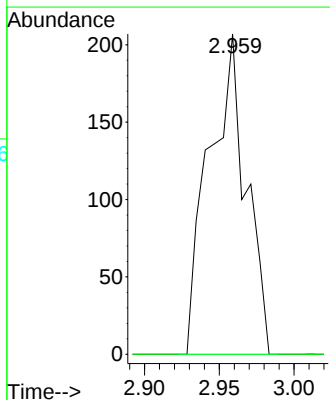
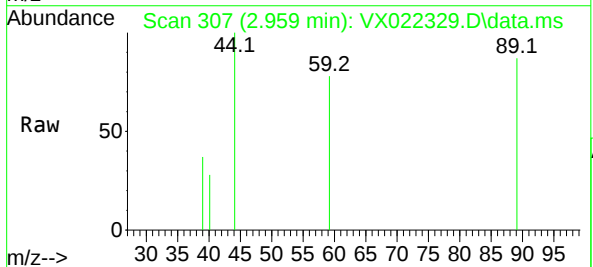


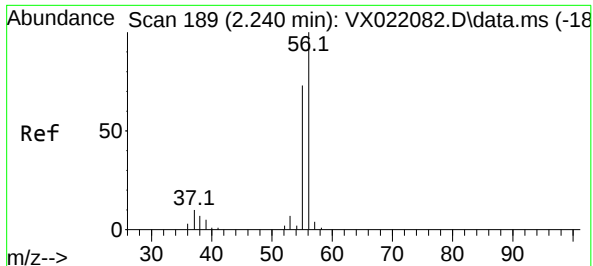
Tgt Ion:142 Resp: 483
Ion Ratio Lower Upper
142 100
127 49.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.54 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

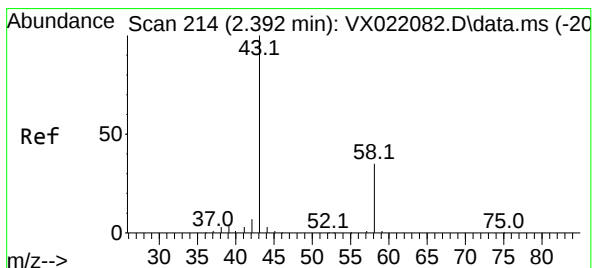
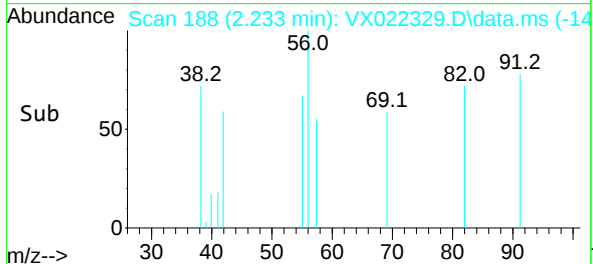
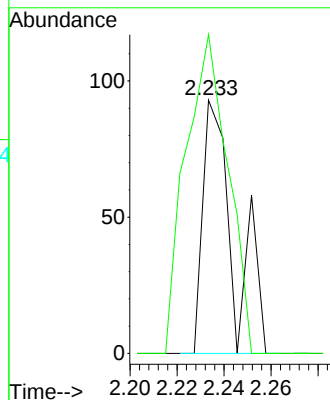
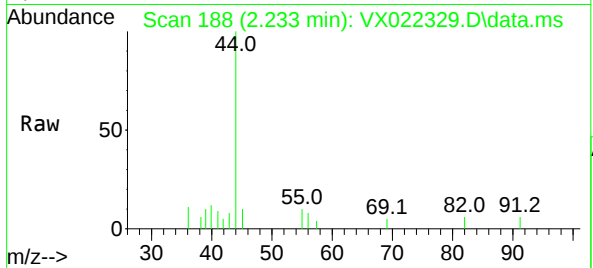




#13
Acrolein
Concen: 0.55 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

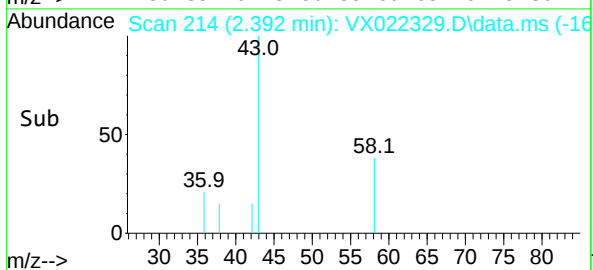
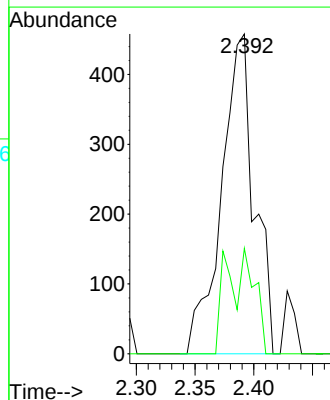
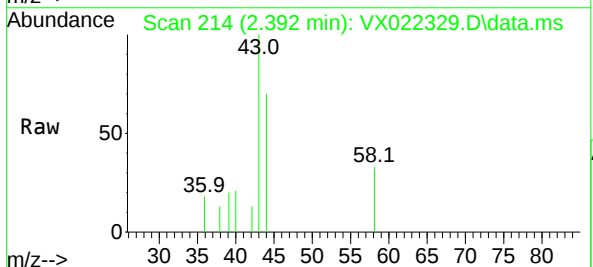
Instrument :
MSVOA_X
ClientSampled :

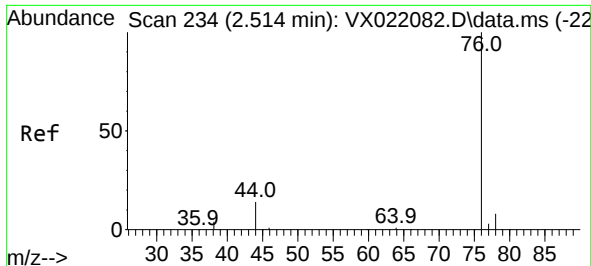
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 173.8 56.4 84.6#



#16
Acetone
Concen: 2.03 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

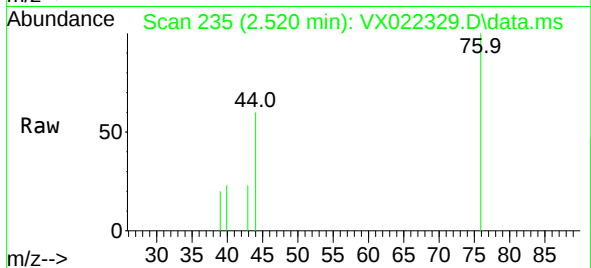
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8



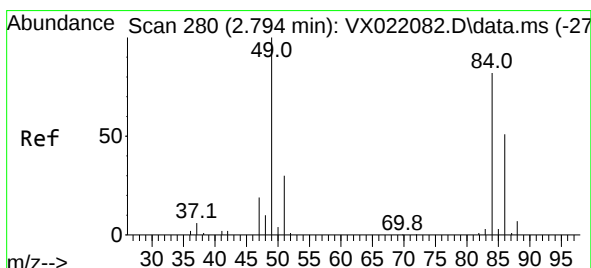
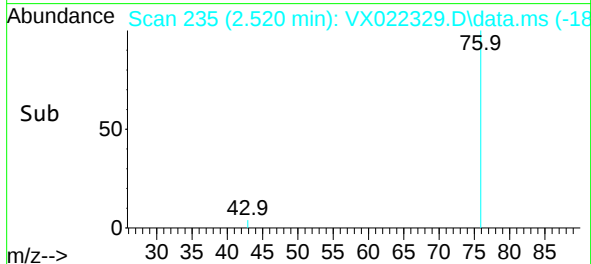
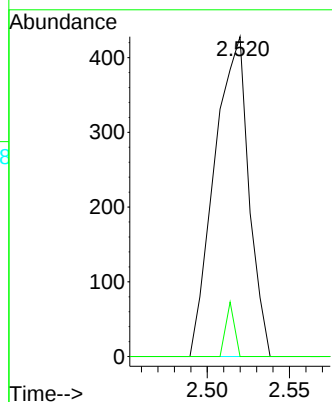


#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

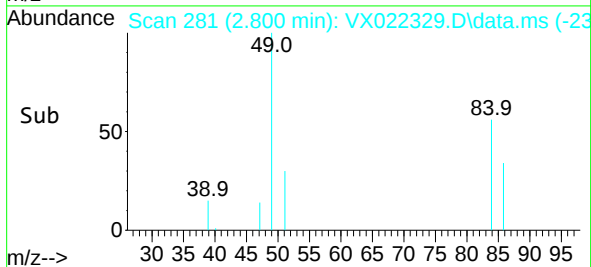
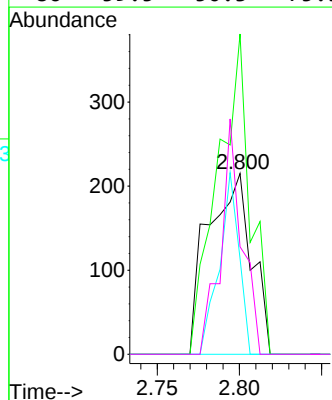
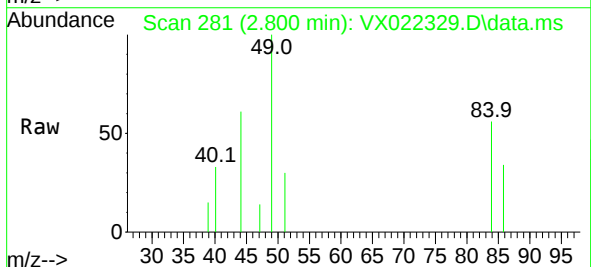


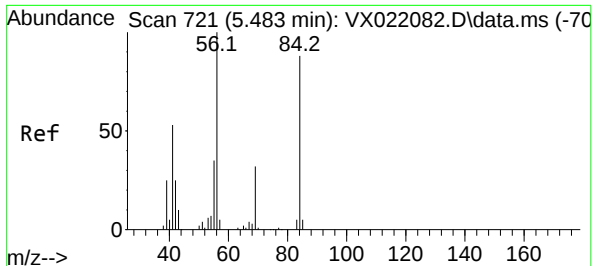
Tgt Ion: 76 Resp: 621
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

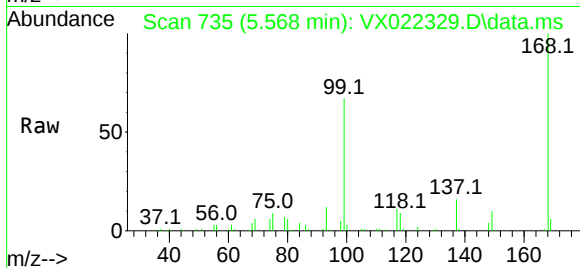
Tgt Ion: 84 Resp: 395
Ion Ratio Lower Upper
84 100
49 177.2 88.6 132.8#
51 53.0 27.0 40.6#
86 59.5 50.3 75.5



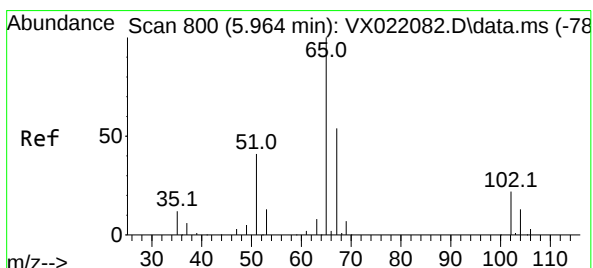
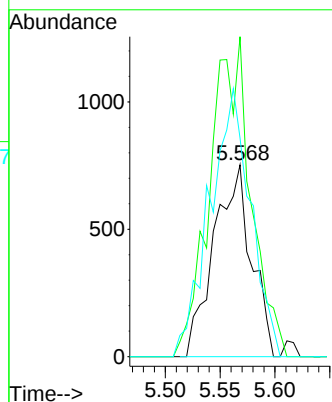
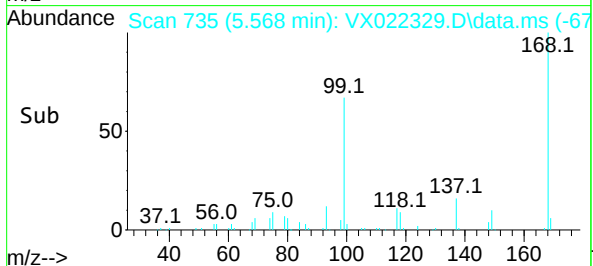


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

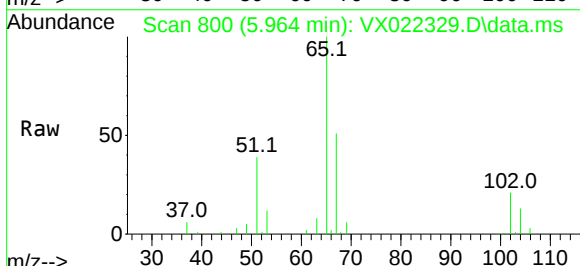
Instrument :
MSVOA_X
ClientSampled :



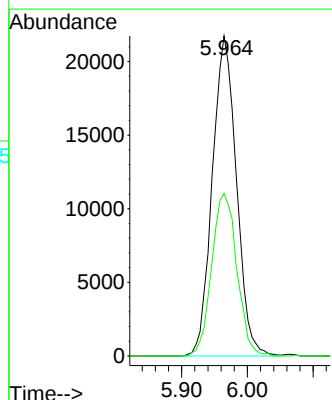
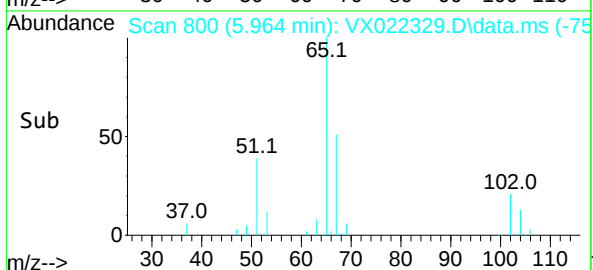
Tgt Ion: 56 Resp: 1780
Ion Ratio Lower Upper
56 100
69 159.1 25.3 37.9#
84 113.9 71.4 107.0#

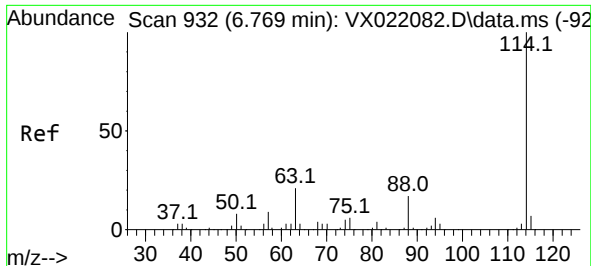


#33
1,2-Dichloroethane-d4
Concen: 55.24 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26



Tgt Ion: 65 Resp: 55505
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

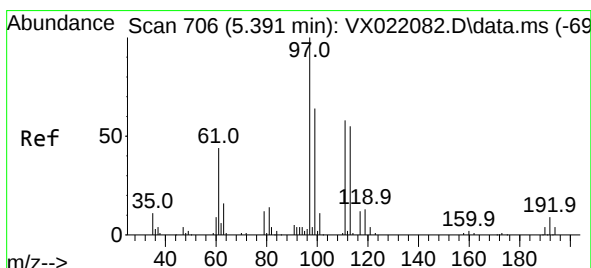
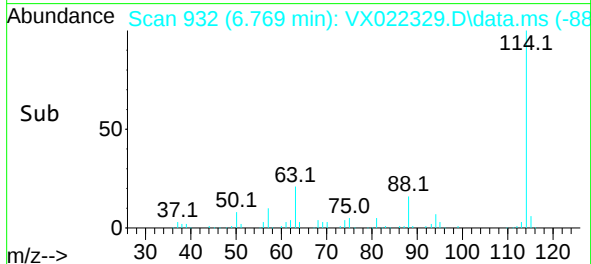
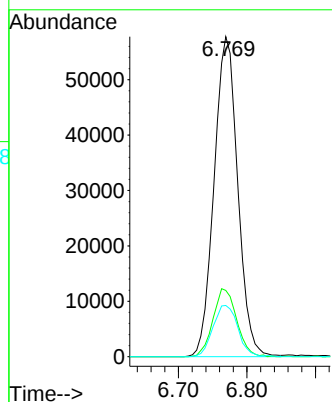
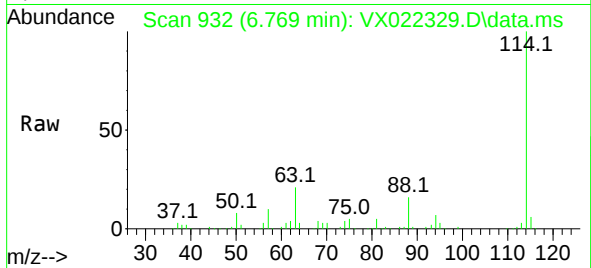




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

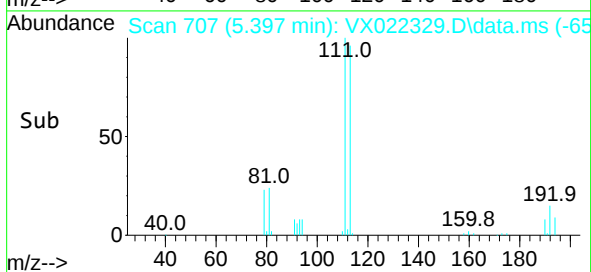
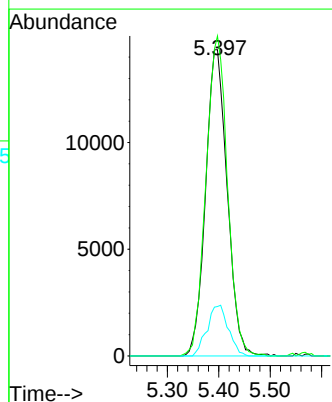
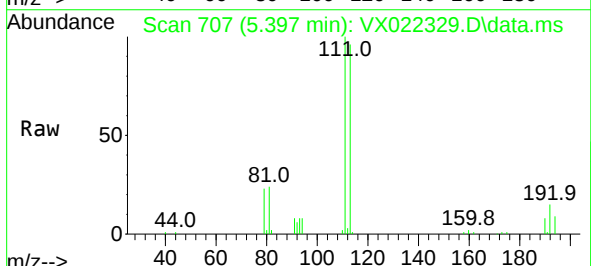
Instrument :
MSVOA_X
ClientSampled :

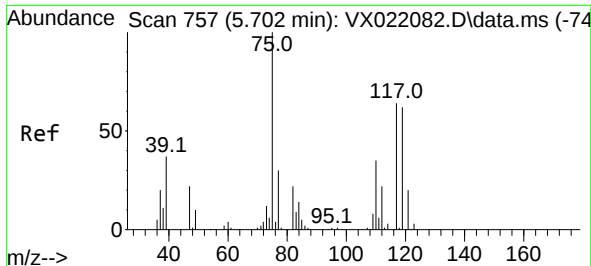
Tgt Ion:114 Resp: 138217
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.72 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

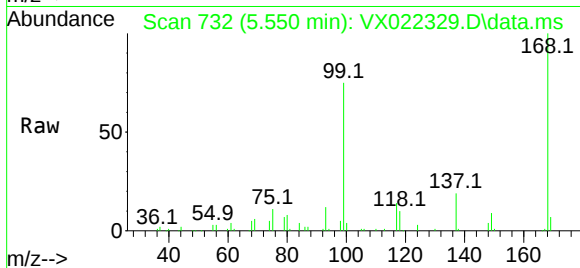
Tgt Ion:113 Resp: 41825
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 16.3 16.7 25.1#



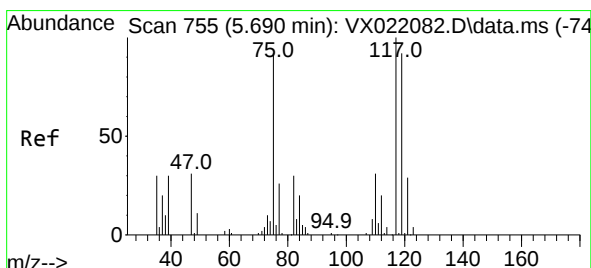
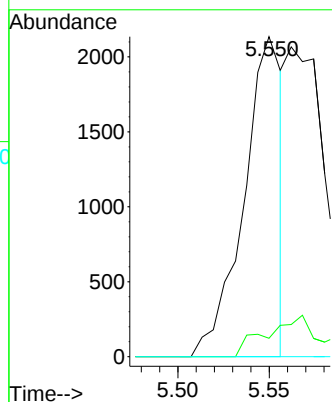
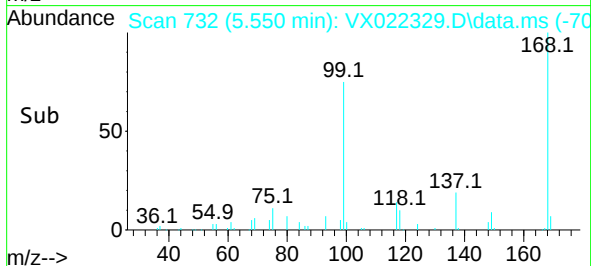


#36
1,1-Dichloropropene
Concen: 2.44 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

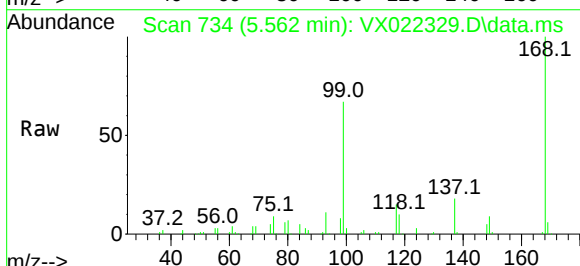
Instrument :
MSVOA_X
ClientSampled :



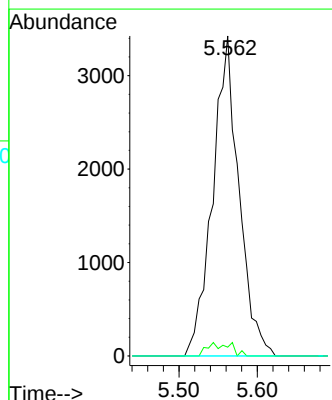
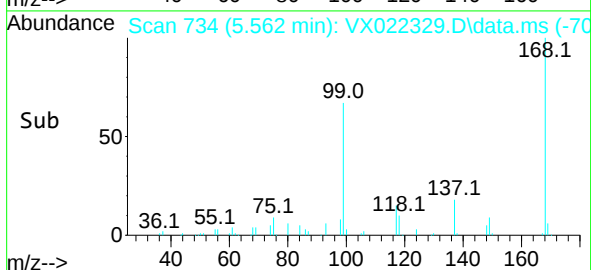
Tgt Ion: 75 Resp: 3120
Ion Ratio Lower Upper
75 100
110 17.2 18.1 54.4#
77 0.0 25.3 37.9#

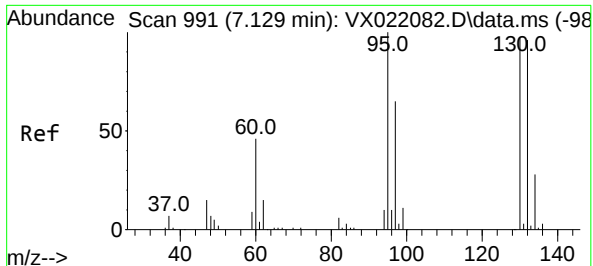


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26



Tgt Ion: 117 Resp: 7997
Ion Ratio Lower Upper
117 100
119 2.7 76.2 114.2#
121 0.0 24.8 37.2#

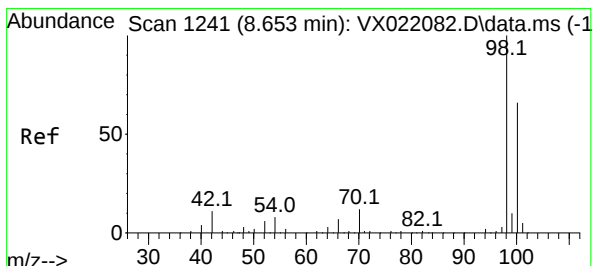
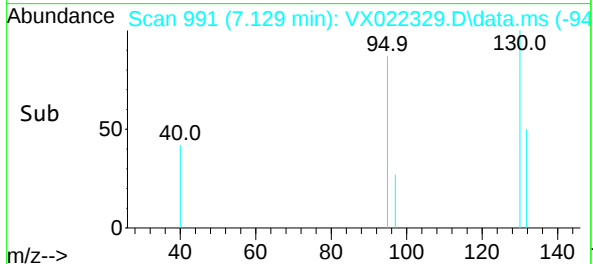
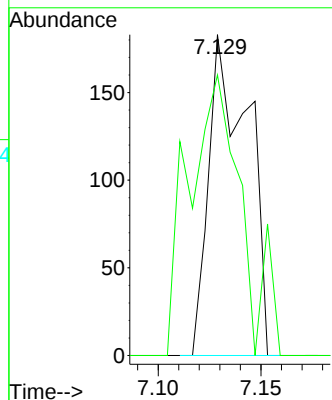
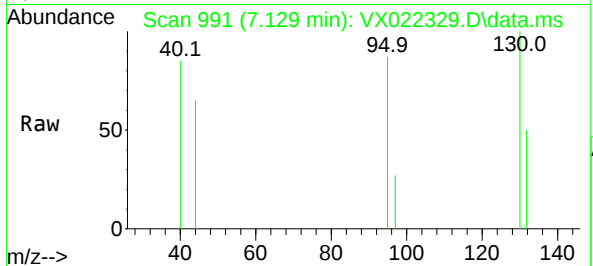




#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

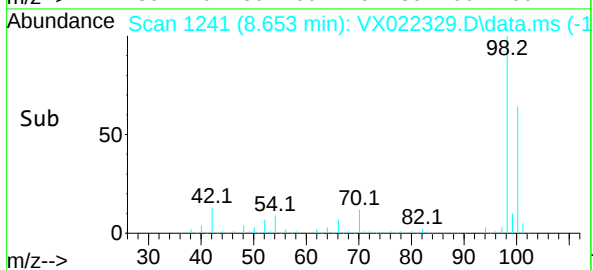
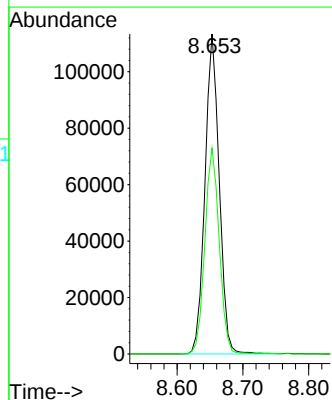
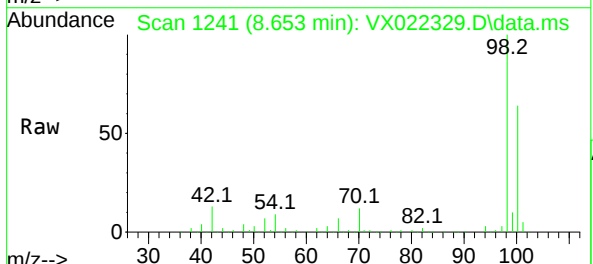
Instrument :
MSVOA_X
ClientSampled :

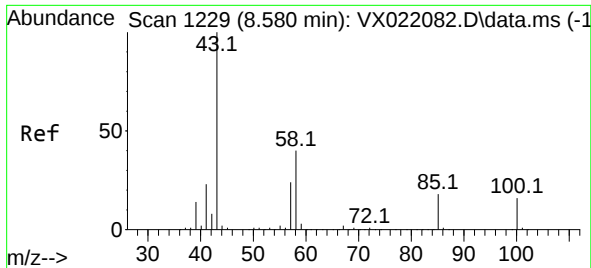
Tgt Ion:130 Resp: 242
Ion Ratio Lower Upper
130 100
95 87.4 0.0 198.0



#50
Toluene-d8
Concen: 50.60 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

Tgt Ion: 98 Resp: 170835
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

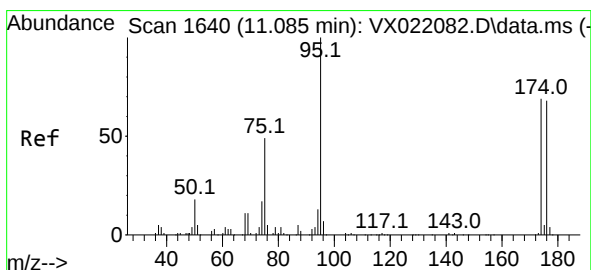
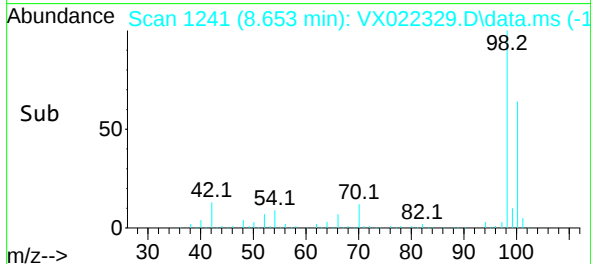
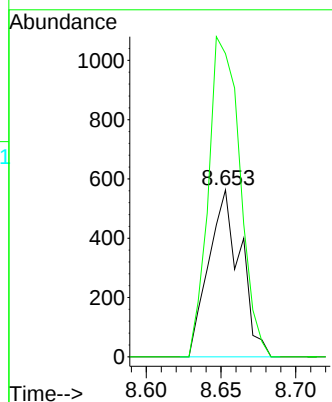
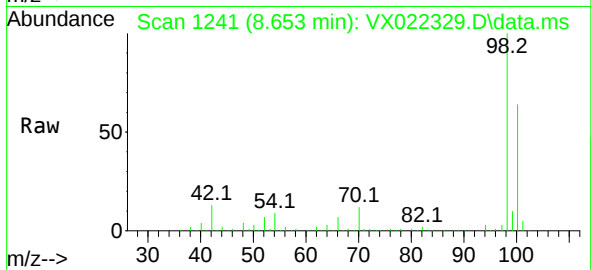




#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

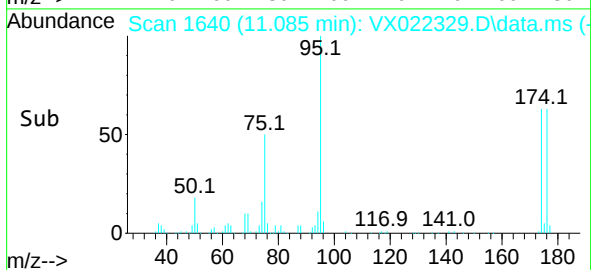
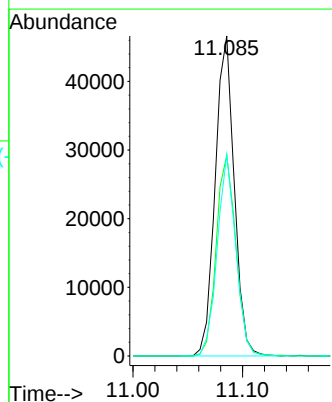
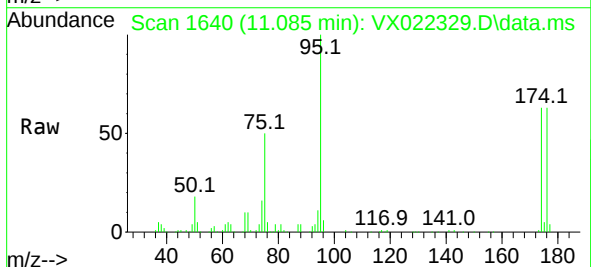
Instrument :
MSVOA_X
ClientSampled :

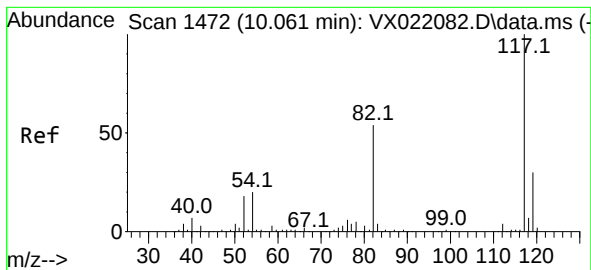
Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 189.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

Tgt Ion: 95 Resp: 56214
Ion Ratio Lower Upper
95 100
174 64.8 0.0 154.6
176 61.4 0.0 155.8

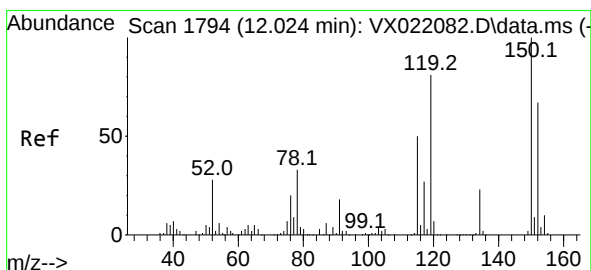
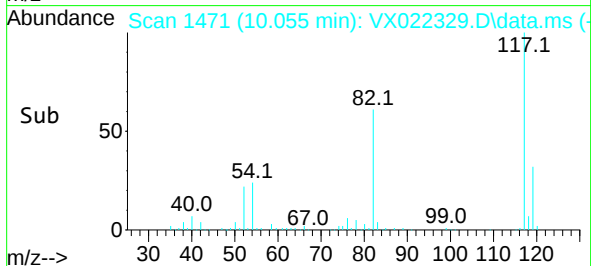
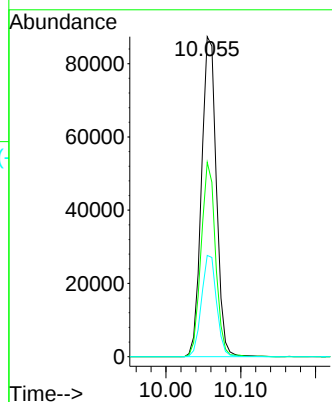
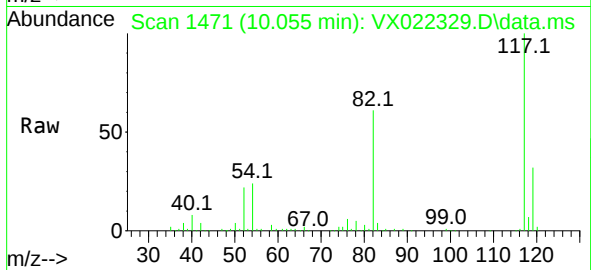




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

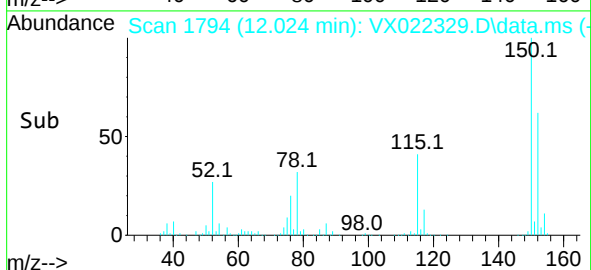
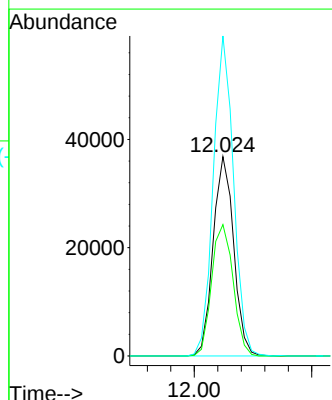
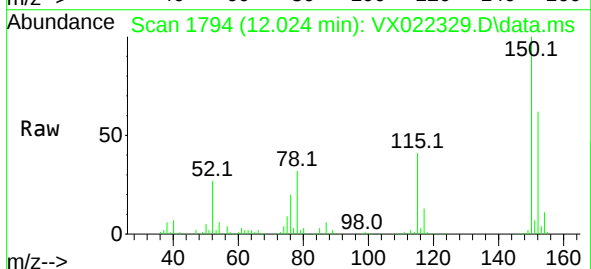
Instrument :
MSVOA_X
ClientSampleId :

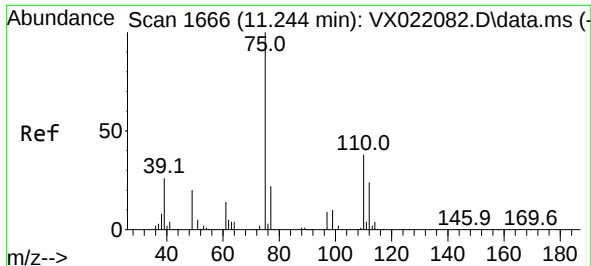
Tgt Ion:117 Resp: 120614
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

Tgt Ion:152 Resp: 44735
Ion Ratio Lower Upper
152 100
115 68.8 41.1 123.3
150 157.8 0.0 349.0

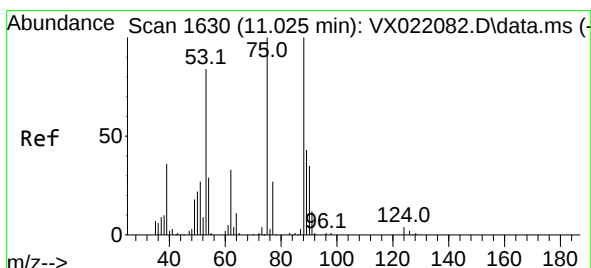
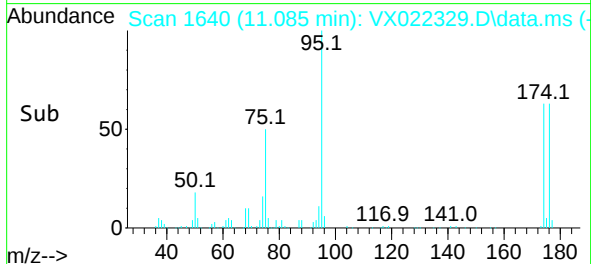
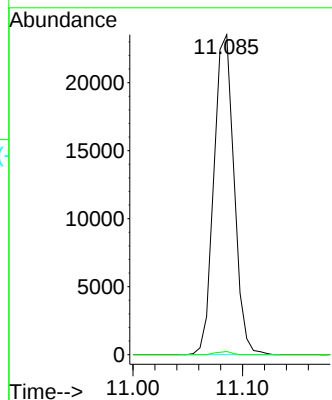
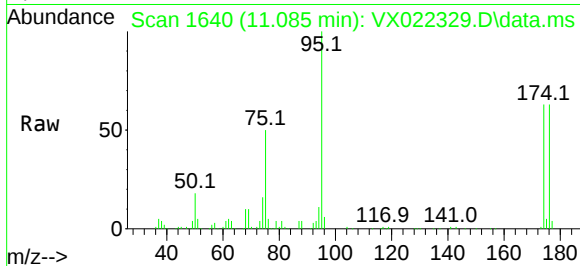




#76
1,2,3-Trichloropropane
Concen: 27.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

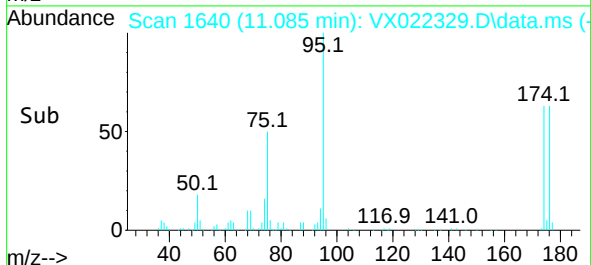
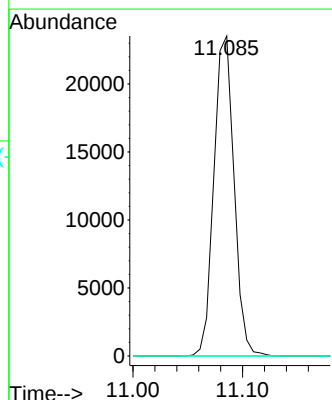
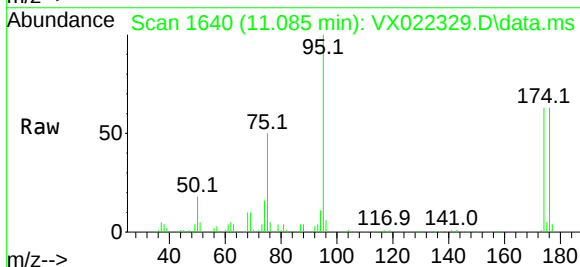
Instrument :
MSVOA_X
ClientSampled :

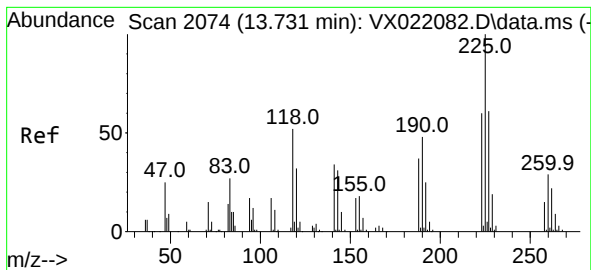
Tgt Ion: 75 Resp: 30123
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.67 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022329.D
Acq: 02 Jun 2021 11:26

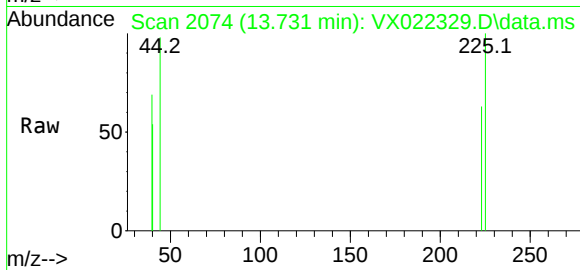
Tgt Ion: 75 Resp: 30123
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 0.21 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VX022329.D
 Acq: 02 Jun 2021 11:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:225 Resp: 74
 Ion Ratio Lower Upper
 225 100
 223 68.9 31.1 93.2
 227 0.0 31.6 95.0#

