

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023431.D
 Acq On : 23 Jul 2021 18:10
 Operator : JC/MD
 Sample : M3145-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:46:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

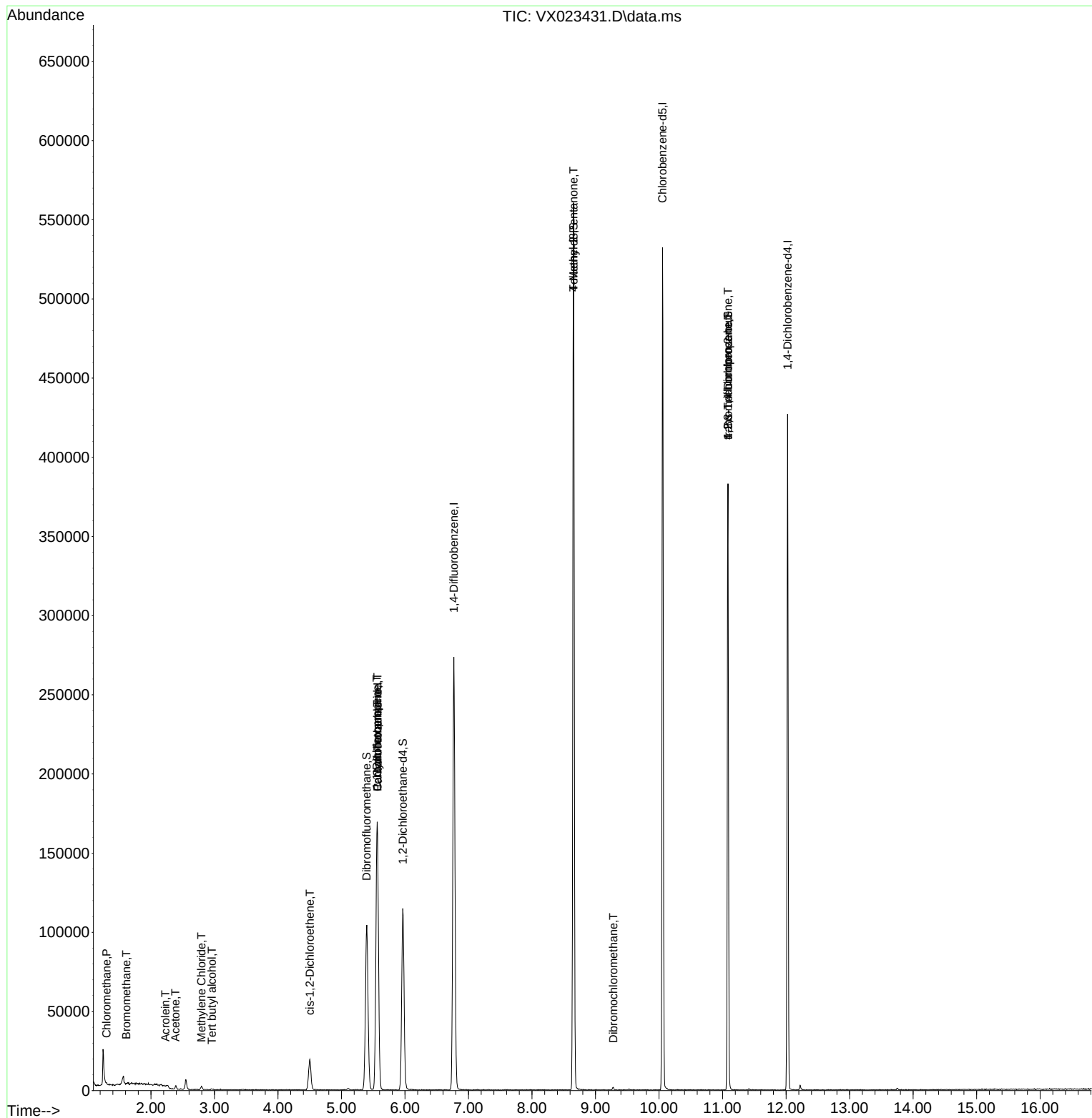
Internal Standards						
1) Pentafluorobenzene	5.568	168	164086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107181	52.364	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.397	113	88888	51.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.653	98	326089	51.042	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.085	95	97928	45.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.160%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	621	0.353	ug/l	93
5) Bromomethane	1.611	94	406	0.384	ug/l #	42
11) Tert butyl alcohol	2.959	59	344	0.736	ug/l #	73
13) Acrolein	2.227	56	20	1.447	ug/l #	1
16) Acetone	2.386	43	2475	2.465	ug/l	89
20) Methylene Chloride	2.794	84	778	0.398	ug/l #	61
27) cis-1,2-Dichloroethene	4.501	96	11888	5.977	ug/l	89
31) Cyclohexane	5.562	56	3337	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12706	5.050	ug/l #	49
38) Carbon Tetrachloride	5.568	117	15735	6.150	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1529	0.509	ug/l #	1
60) Dibromochloromethane	9.281	129	246	2.097	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	50480	26.628	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50480	71.599	ug/l #	12

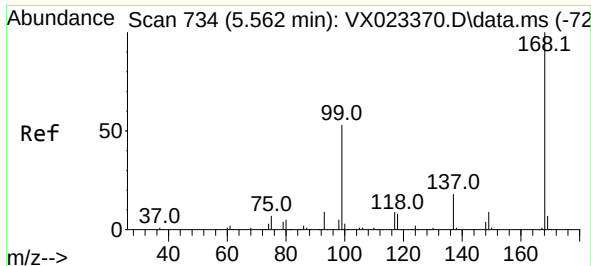
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
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Quant Time: Jul 24 03:46:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

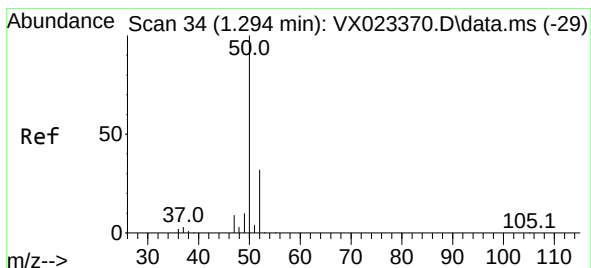
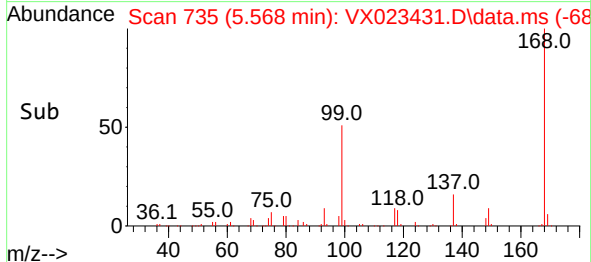
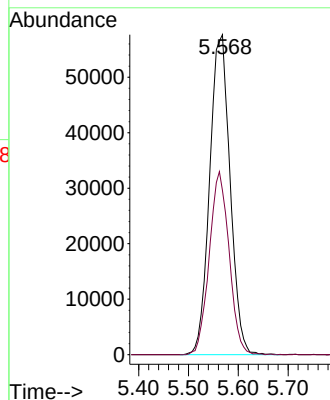
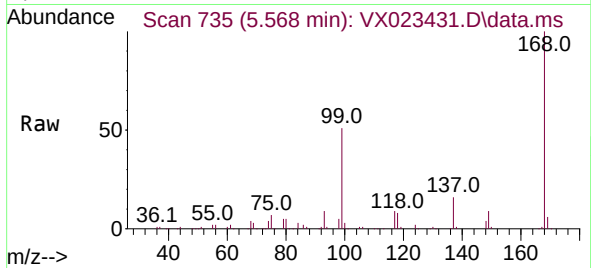




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

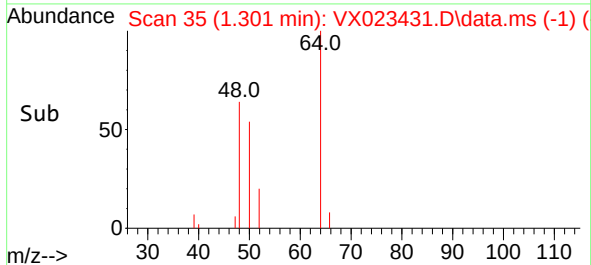
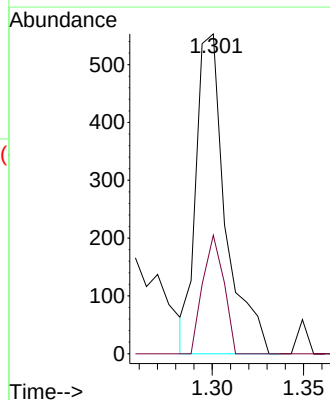
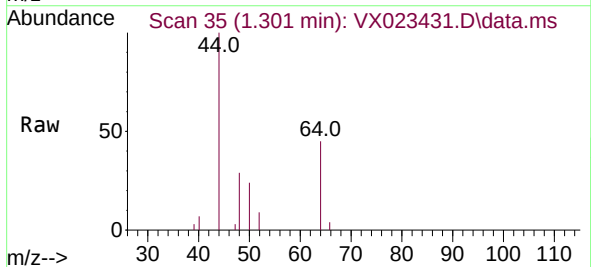
Instrument :
MSVOA_X
ClientSampleId :

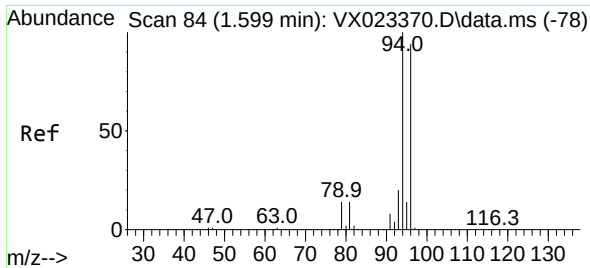
Tgt Ion:168 Resp: 164086
Ion Ratio Lower Upper
168 100
99 51.4 45.8 68.6



#3
Chloromethane
Concen: 0.353 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 37.1 26.4 39.6

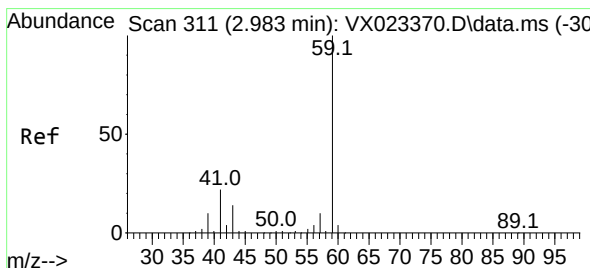
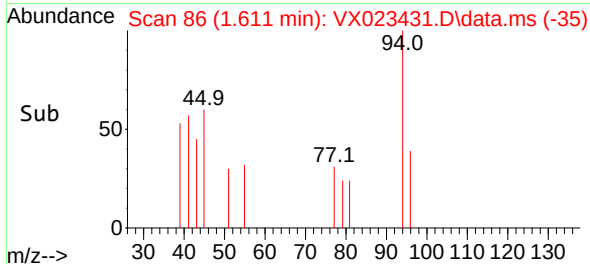
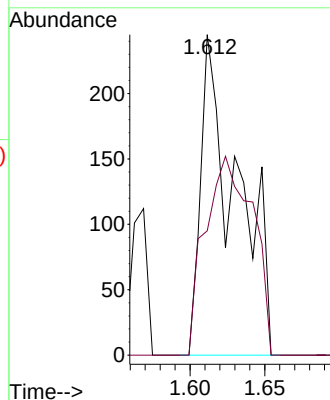
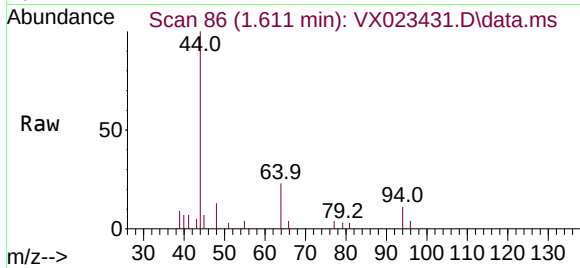




#5
Bromomethane
Concen: 0.384 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

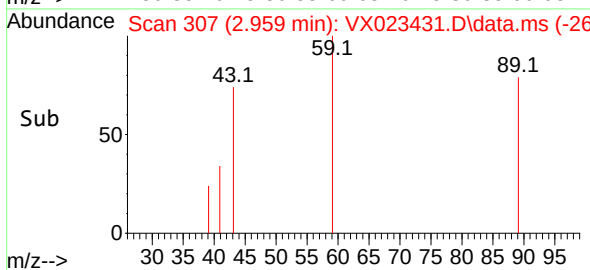
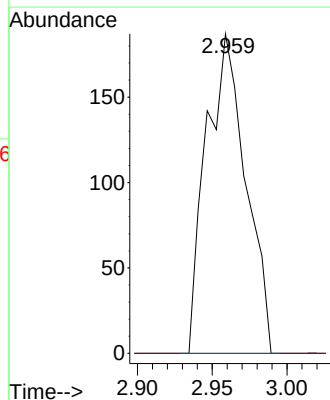
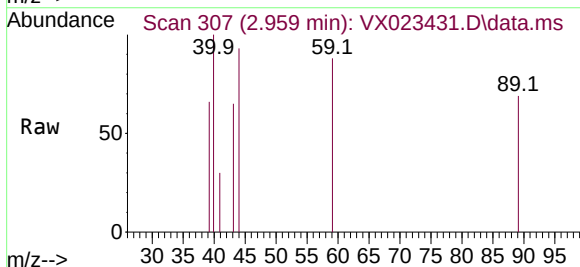
Instrument :
MSVOA_X
ClientSampled :

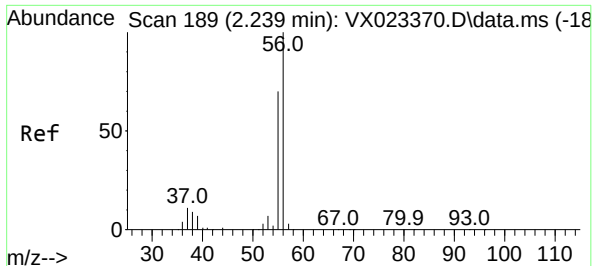
Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 38.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.736 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

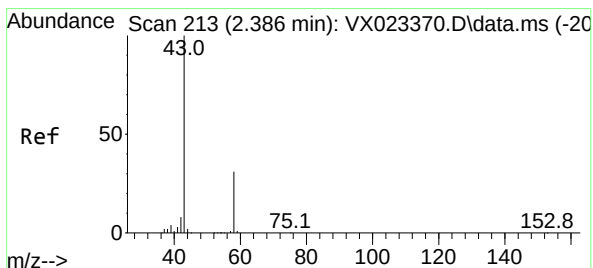
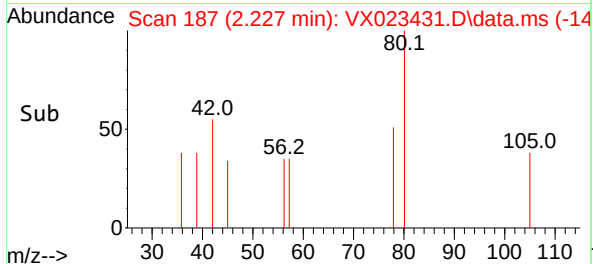
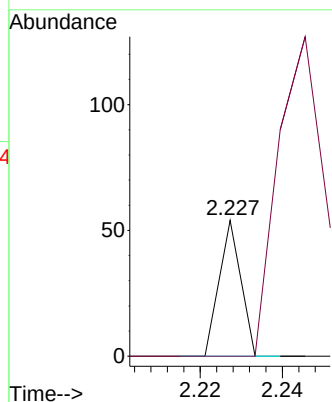
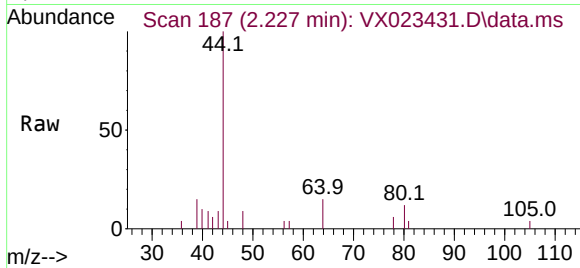




#13
Acrolein
Concen: 1.447 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

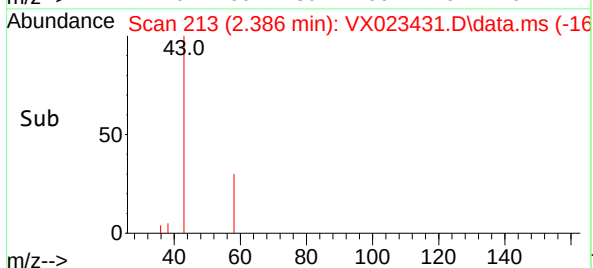
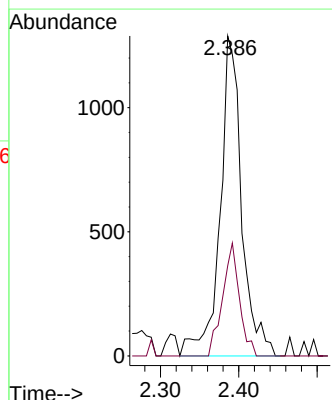
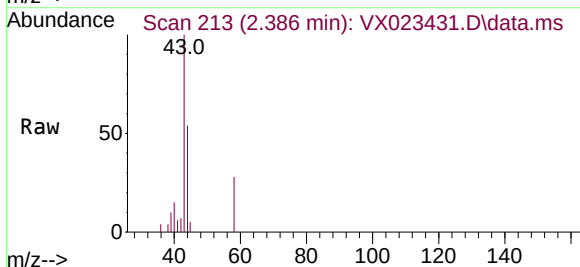
Instrument :
MSVOA_X
ClientSampled :

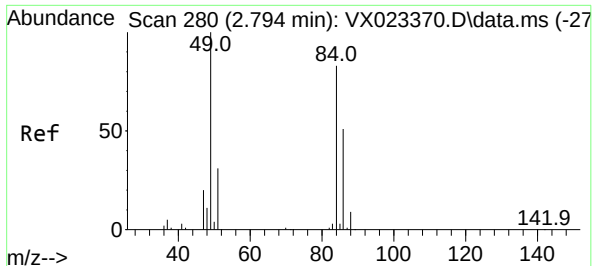
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 490.0 56.4 84.6#



#16
Acetone
Concen: 2.465 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8



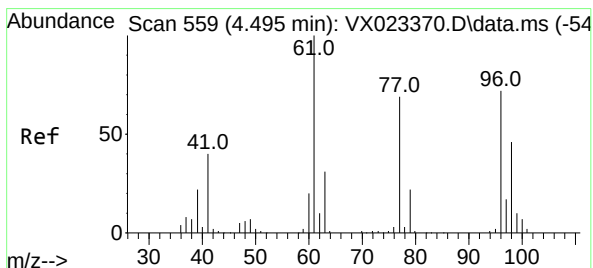
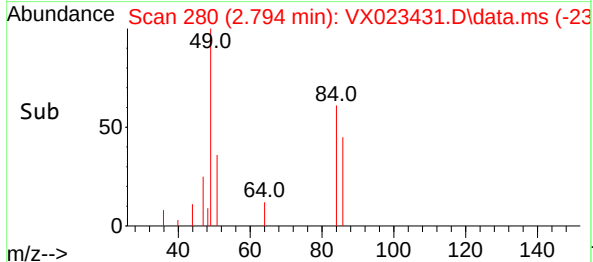
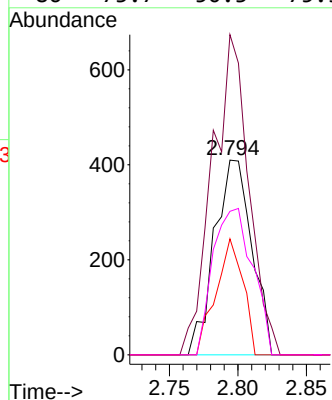
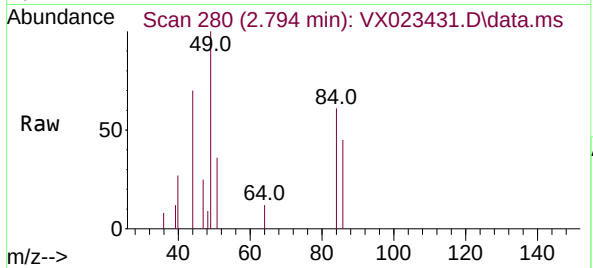


#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 778

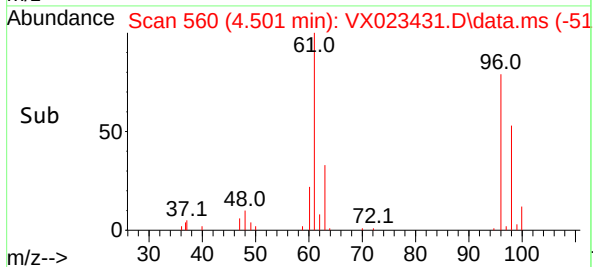
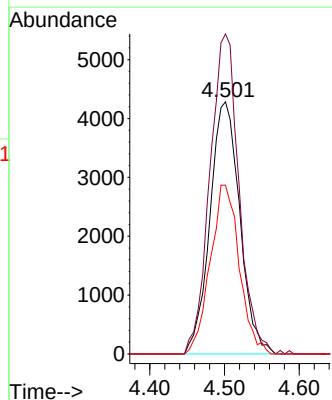
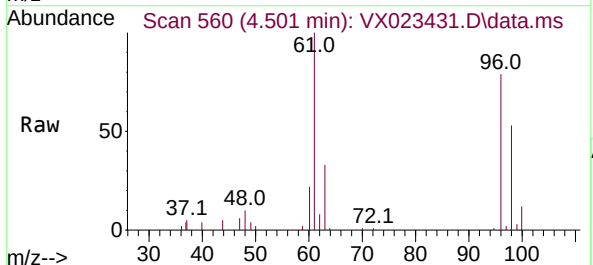
Ion	Ratio	Lower	Upper
84	100		
49	164.4	88.6	132.8#
51	59.5	27.0	40.6#
86	73.7	50.3	75.5

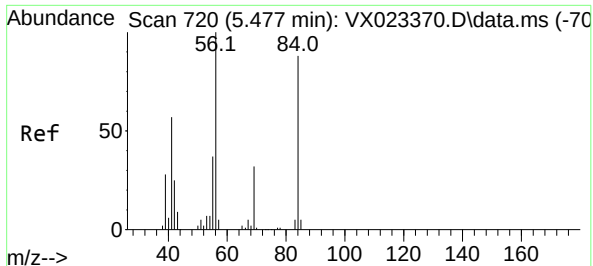


#27
cis-1,2-Dichloroethene
Concen: 5.977 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 96 Resp: 11888

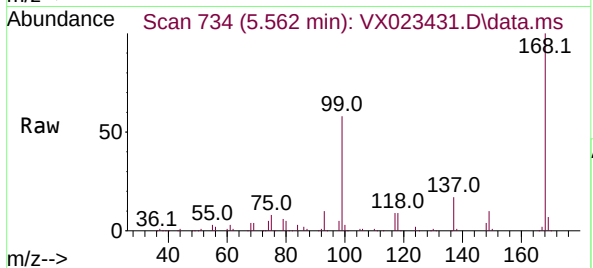
Ion	Ratio	Lower	Upper
96	100		
61	123.6	0.0	285.6
98	65.1	0.0	129.6



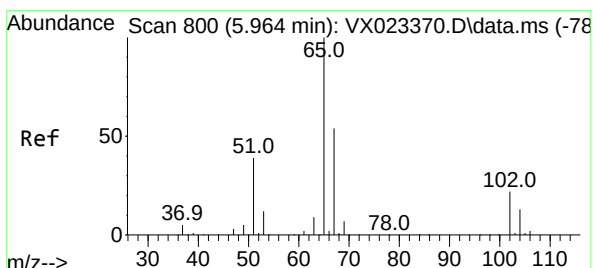
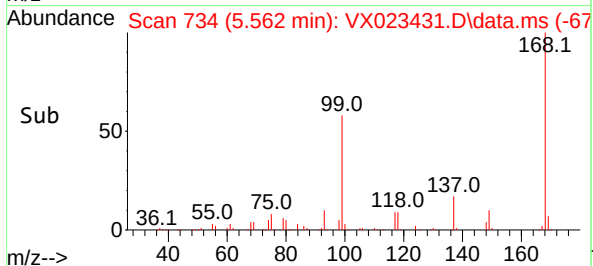
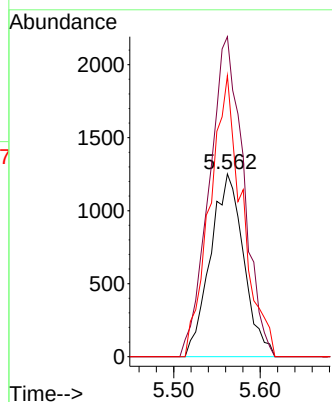


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Instrument :
MSVOA_X
ClientSampled :

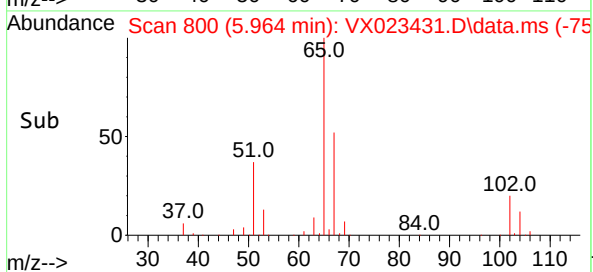
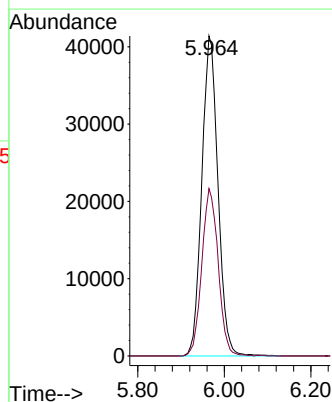
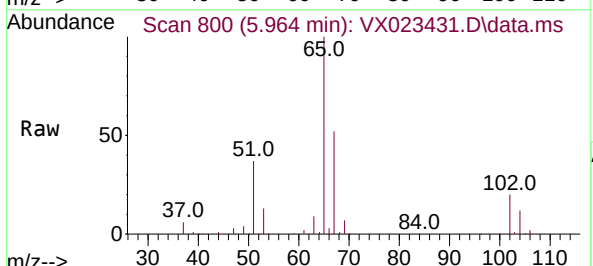


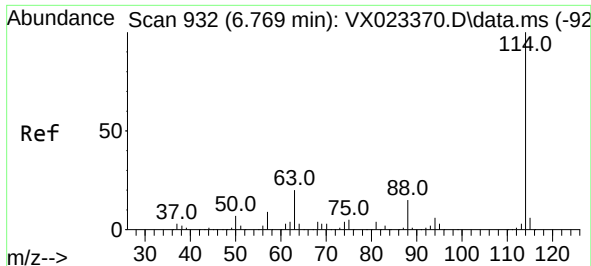
Tgt Ion: 56 Resp: 3337
Ion Ratio Lower Upper
56 100
69 175.1 25.3 37.9#
84 153.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.364 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 65 Resp: 107181
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

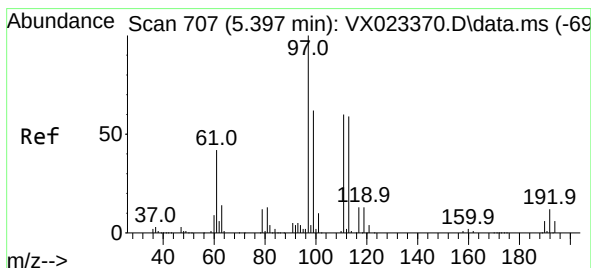
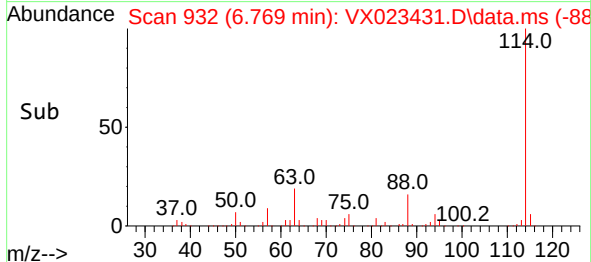
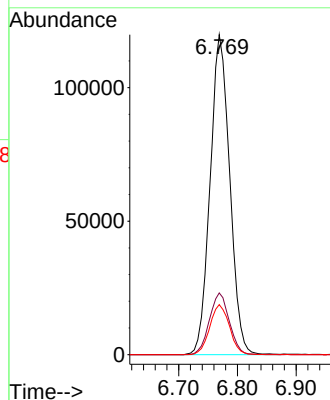
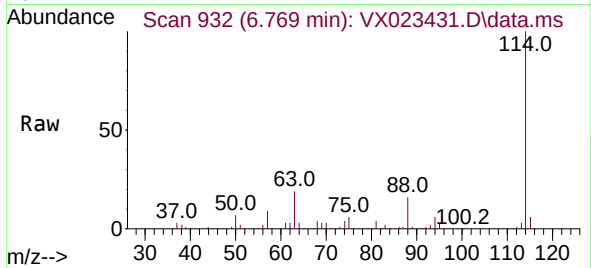




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

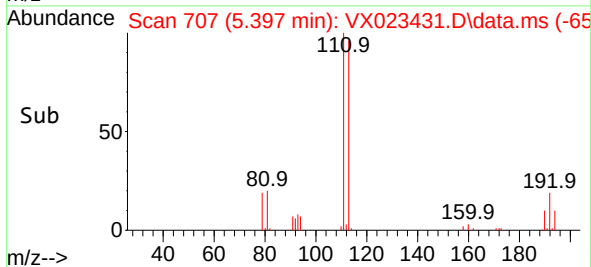
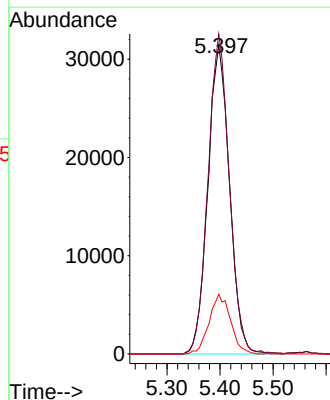
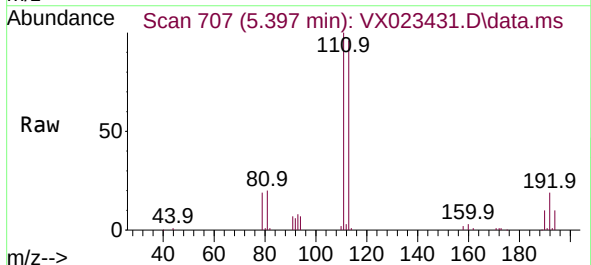
Instrument :
MSVOA_X
ClientSampled :

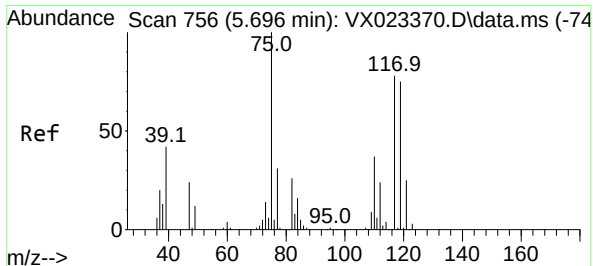
Tgt Ion:114 Resp: 278112
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.118 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion:113 Resp: 88888
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.050 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023431.D

Acq: 23 Jul 2021 18:10

Tgt Ion: 75 Resp: 12706

Ion Ratio Lower Upper

75 100

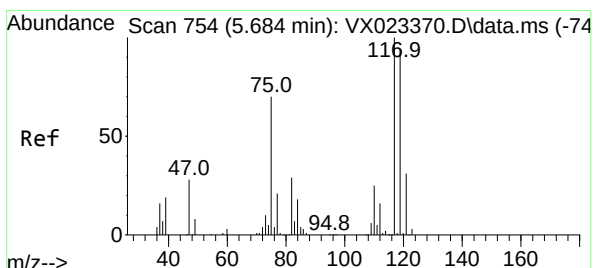
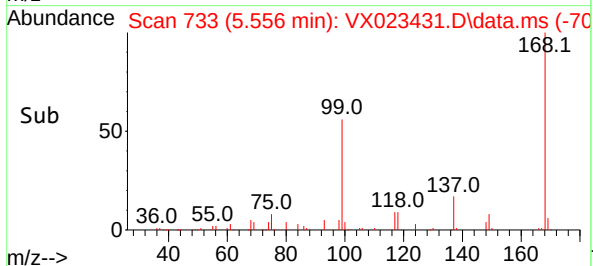
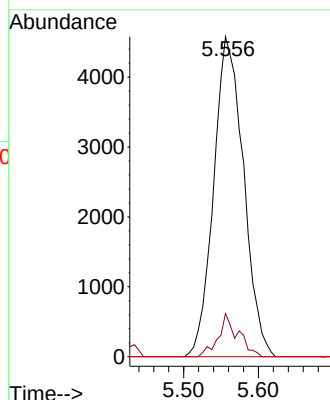
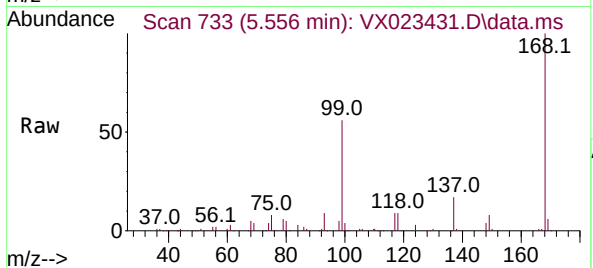
110 8.9 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.150 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.116 min

Lab File: VX023431.D

Acq: 23 Jul 2021 18:10

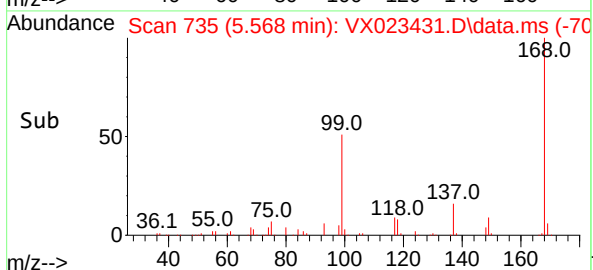
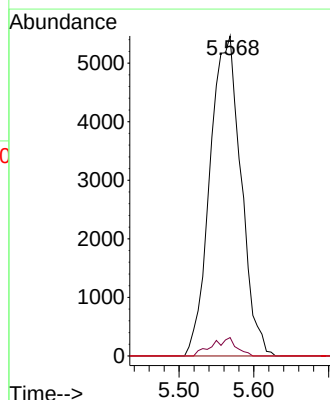
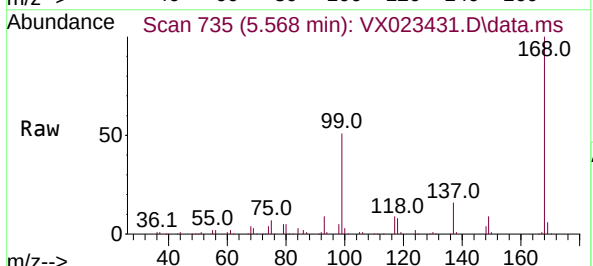
Tgt Ion: 117 Resp: 15735

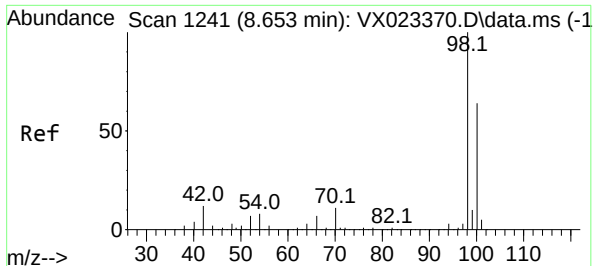
Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.2#

121 0.0 24.8 37.2#

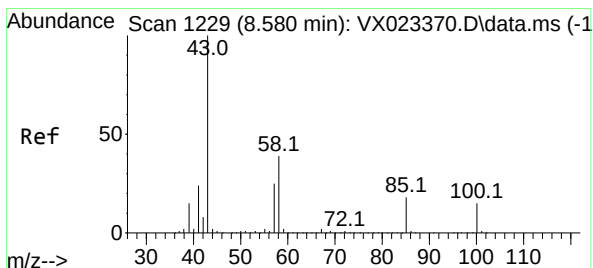
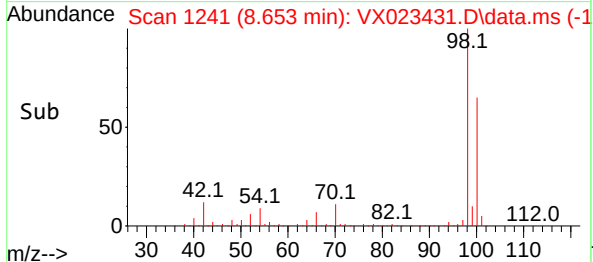
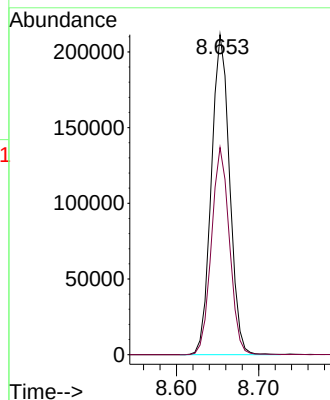
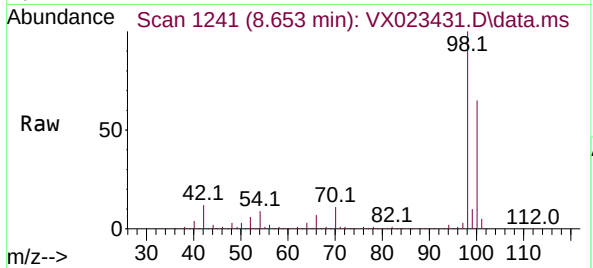




#50
Toluene-d8
Concen: 51.042 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

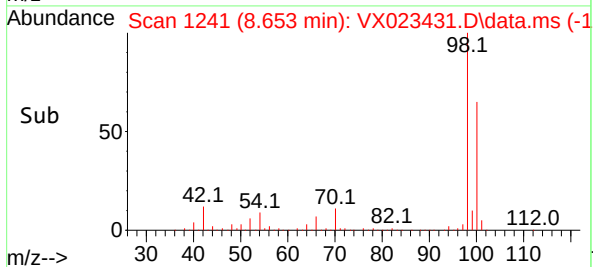
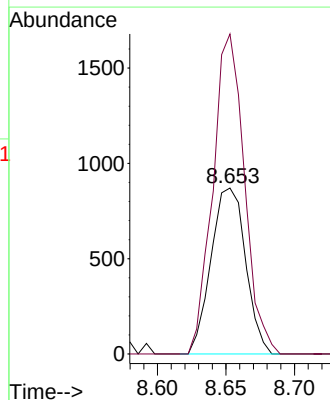
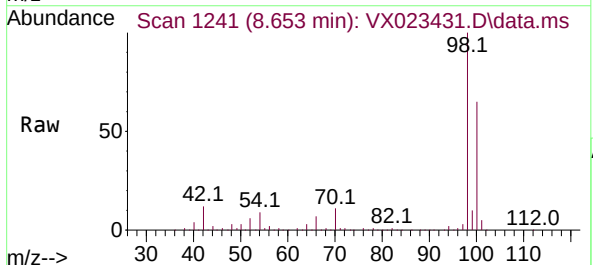
Instrument :
MSVOA_X
ClientSampled :

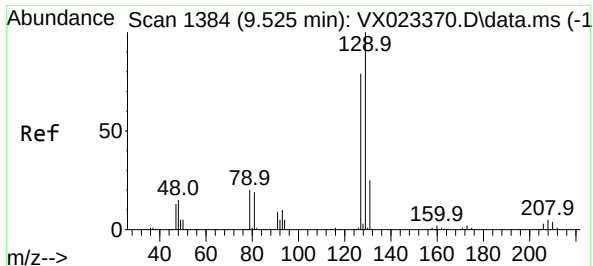
Tgt Ion: 98 Resp: 326089
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 176.1 35.4 53.0#





#60

Dibromochloromethane

Concen: 2.097 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023431.D

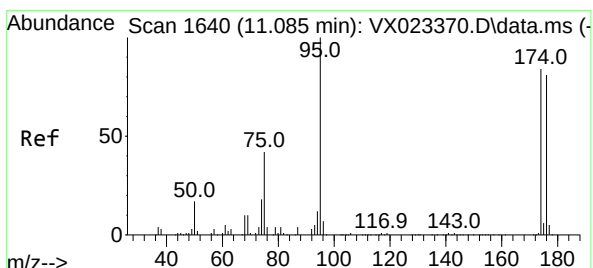
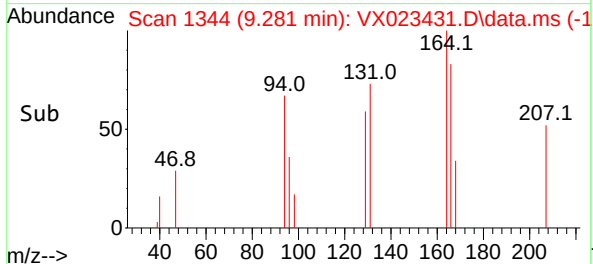
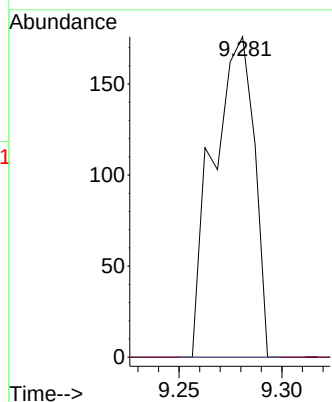
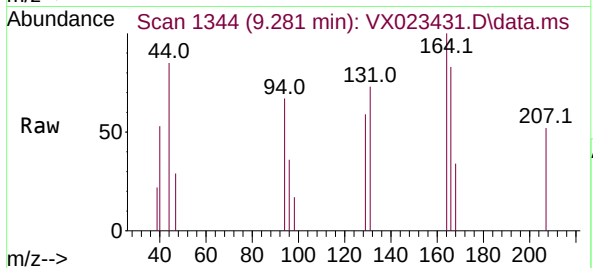
Acq: 23 Jul 2021 18:10

Tgt Ion:129 Resp: 246

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 45.078 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023431.D

Acq: 23 Jul 2021 18:10

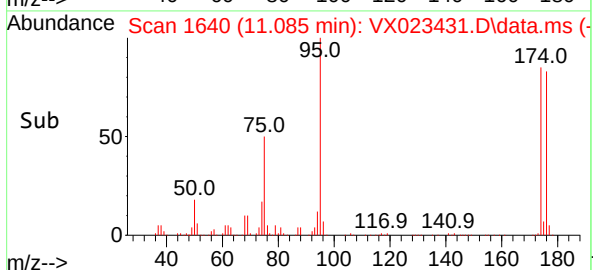
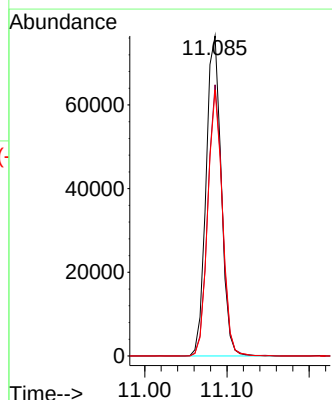
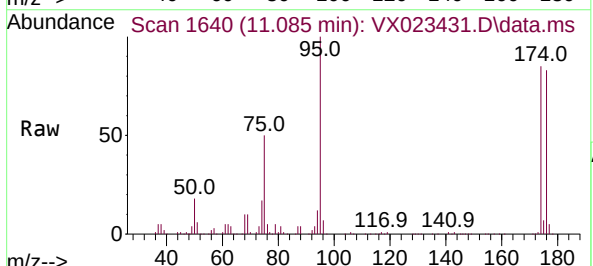
Tgt Ion: 95 Resp: 97928

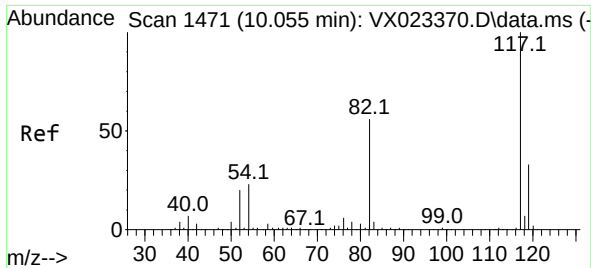
Ion Ratio Lower Upper

95 100

174 81.1 0.0 154.6

176 80.2 0.0 155.8

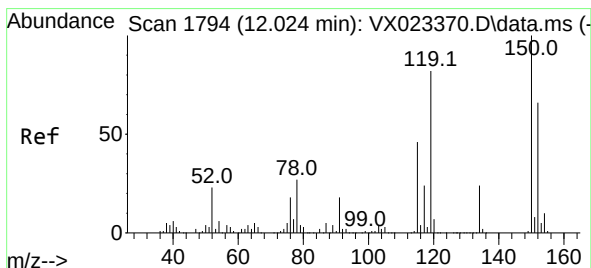
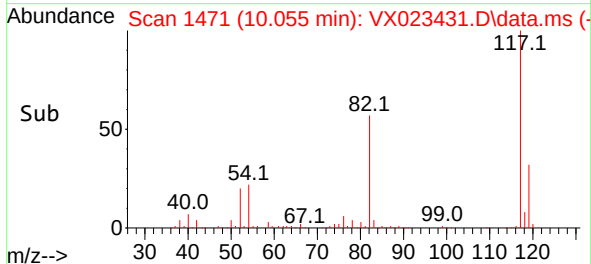
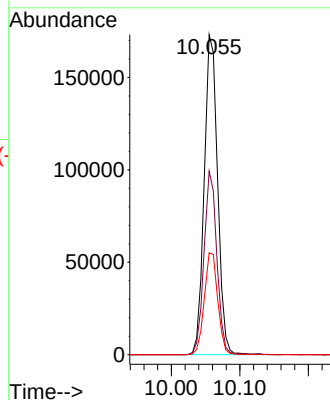
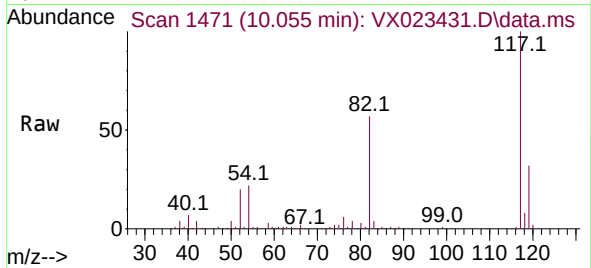




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

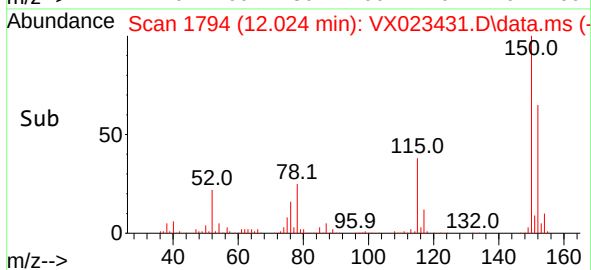
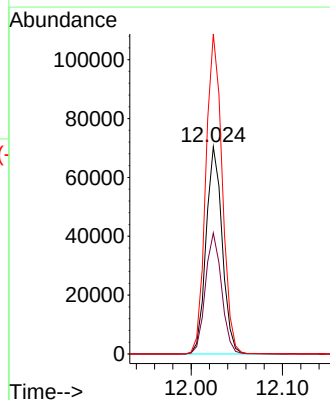
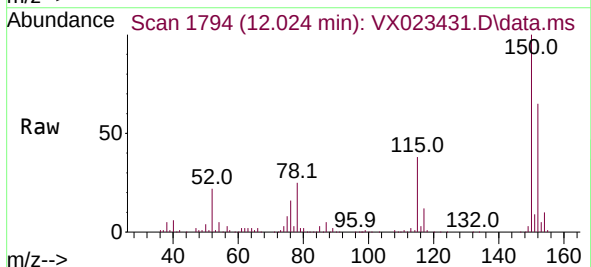
Instrument :
MSVOA_X
ClientSampleId :

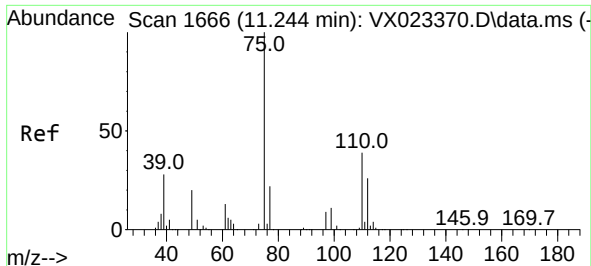
Tgt Ion:117 Resp: 235712
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion:152 Resp: 86149
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 156.9 0.0 349.0

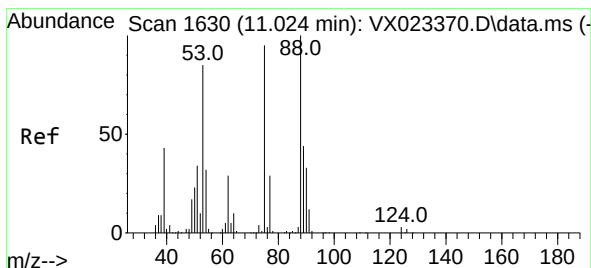
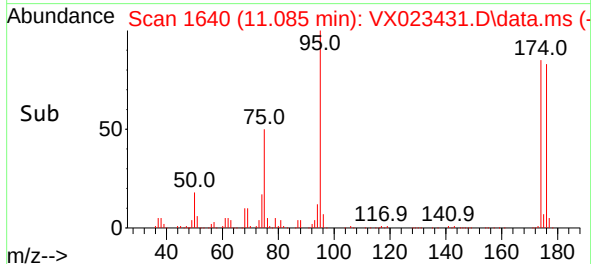
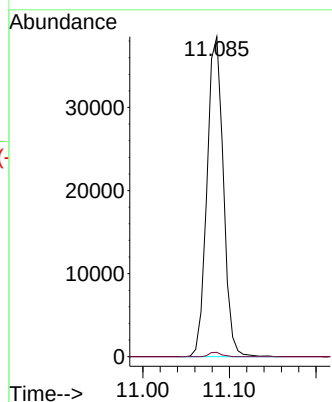
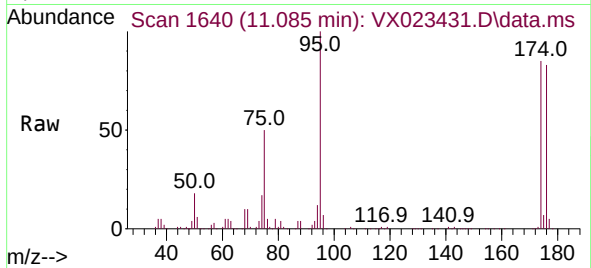




#76
1,2,3-Trichloropropane
Concen: 26.628 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 50480
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.599 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023431.D
Acq: 23 Jul 2021 18:10

Tgt Ion: 75 Resp: 50480
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#

