

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023809.D
 Acq On : 18 Aug 2021 12:18
 Operator : JC/MD
 Sample : M3433-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 13:43:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

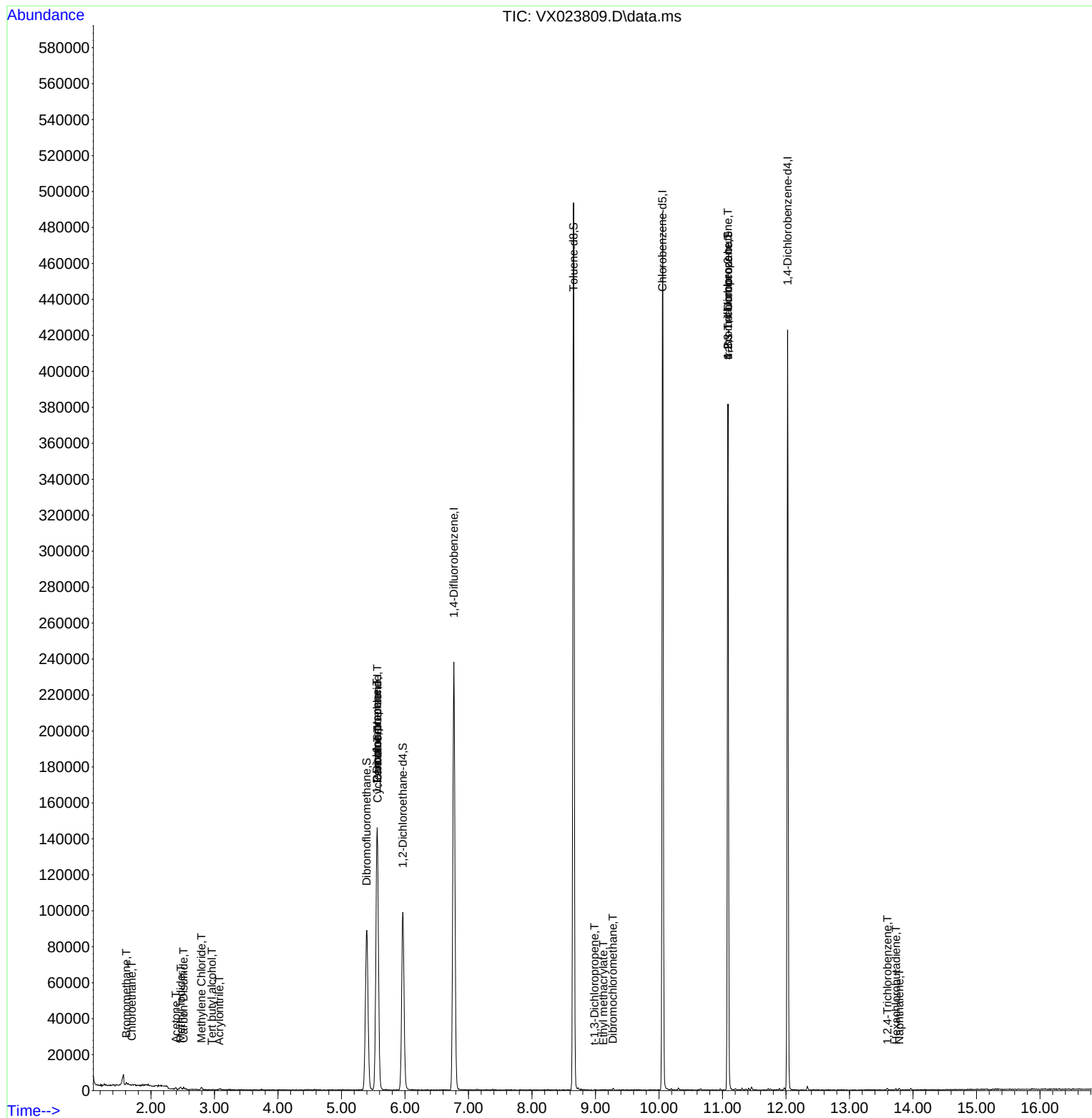
Internal Standards						
1) Pentafluorobenzene	5.562	168	137477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96758	50.428	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.860%		
35) Dibromofluoromethane	5.397	113	76015	49.050	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.100%		
50) Toluene-d8	8.653	98	283775	48.111	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.220%		
62) 4-Bromofluorobenzene	11.085	95	95536	43.998	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.000%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	695	0.712	ug/l #	58
6) Chloroethane	1.697	64	109	2.298	ug/l #	43
10) Methyl Iodide	2.471	142	1578	0.821	ug/l	97
11) Tert butyl alcohol	2.959	59	202	0.521	ug/l #	73
15) Acrylonitrile	3.075	53	360	0.416	ug/l #	69
16) Acetone	2.392	43	935	1.090	ug/l #	86
17) Carbon Disulfide	2.514	76	1135	0.361	ug/l #	78
20) Methylene Chloride	2.794	84	677	0.413	ug/l #	81
31) Cyclohexane	5.568	56	3098	1.257	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	10804	4.983	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13989	6.187	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	108	2.174	ug/l #	44
56) Ethyl methacrylate	9.122	69	23	0.767	ug/l #	1
60) Dibromochloromethane	9.275	129	155	1.767	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51429	26.154	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51429	76.932	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	367	0.220	ug/l #	91
94) Hexachlorobutadiene	13.731	225	260	0.349	ug/l #	32
95) Naphthalene	13.786	128	817	1.412	ug/l #	82

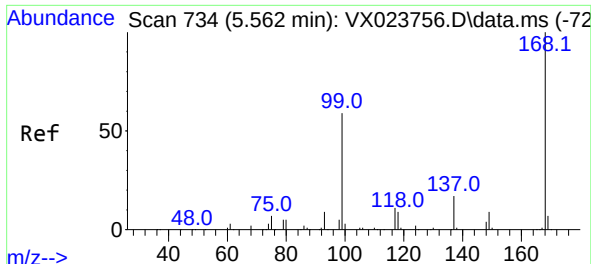
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX023809.D
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MSVOA_X
ClientSampleId :

Quant Time: Aug 18 13:43:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

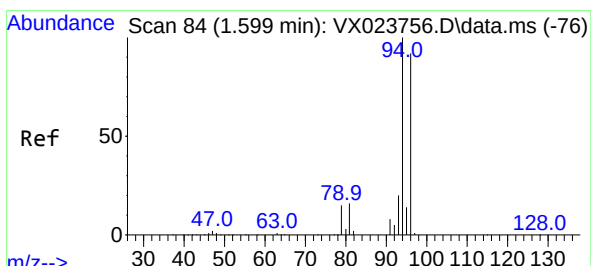
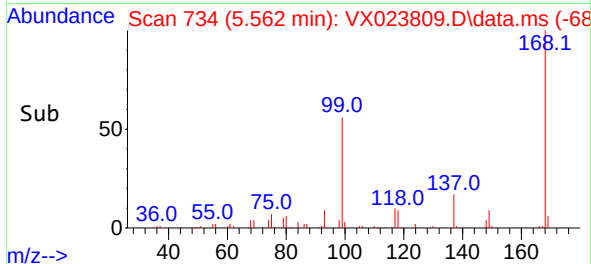
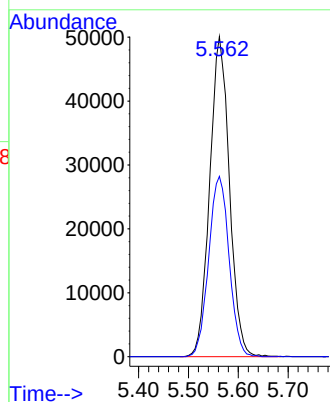
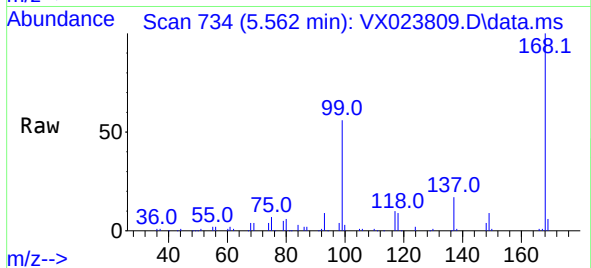




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

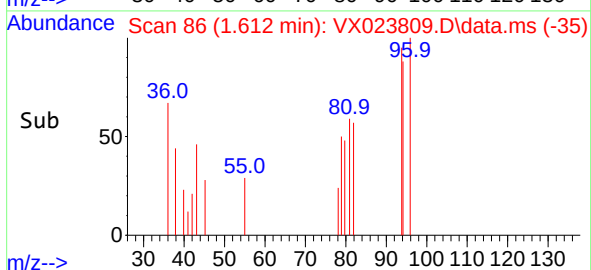
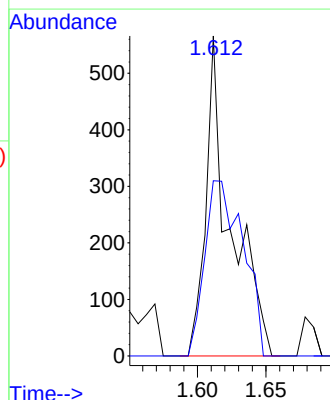
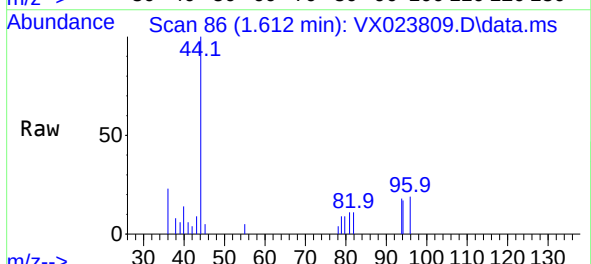
Instrument :
MSVOA_X
ClientSampled :

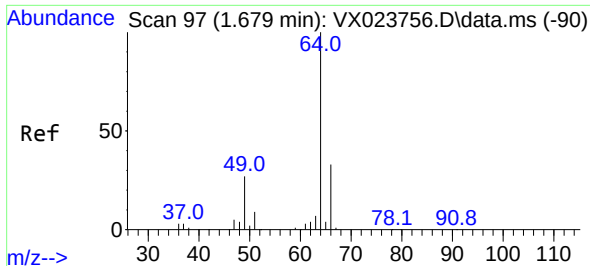
Tgt Ion:168 Resp: 137477
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: 0.712 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 54.8 76.4 114.6#

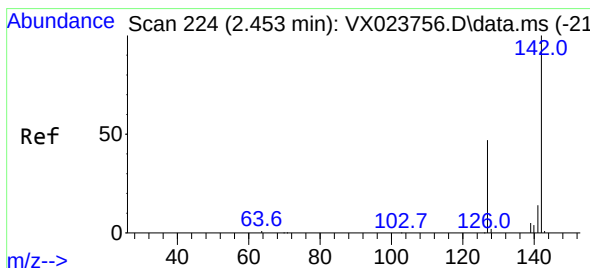
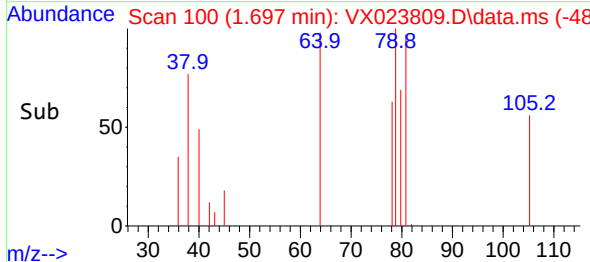
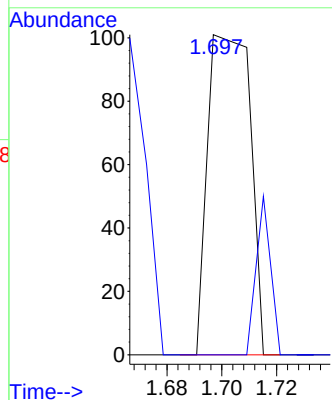
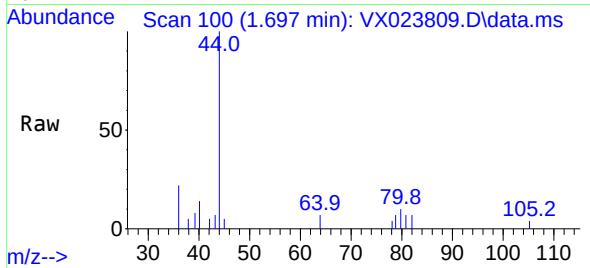




#6
Chloroethane
Concen: 2.298 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

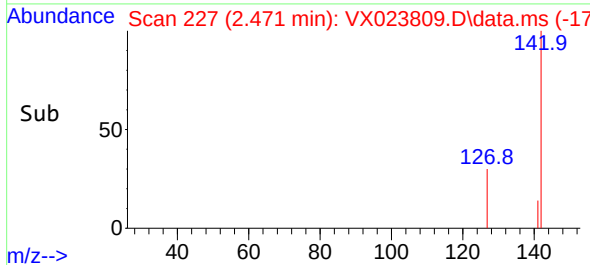
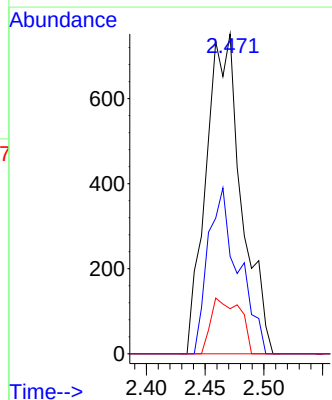
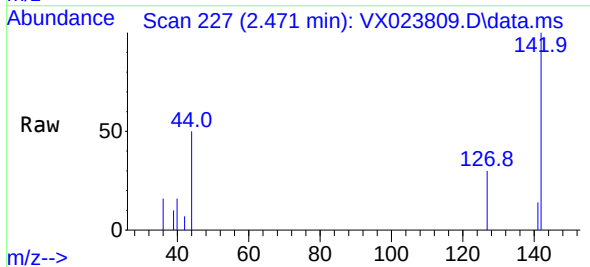
Instrument :
MSVOA_X
ClientSampled :

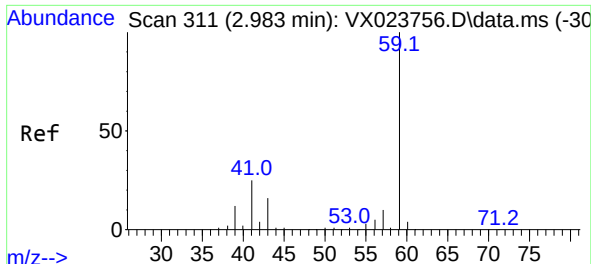
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.821 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 142 Resp: 1578
Ion Ratio Lower Upper
142 100
127 44.3 33.3 49.9
141 14.3 11.4 17.0

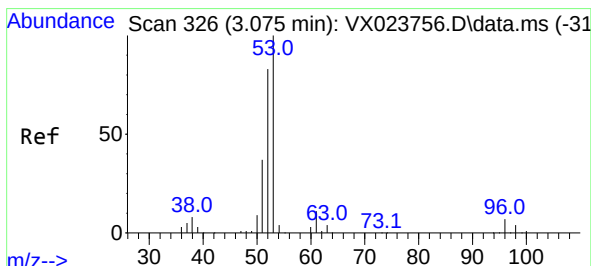
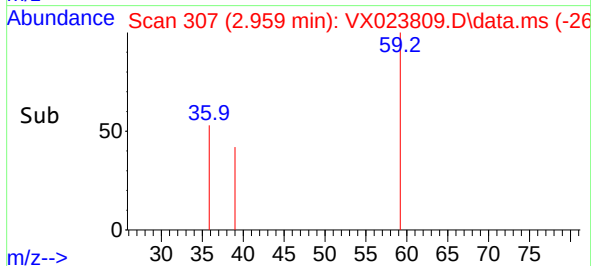
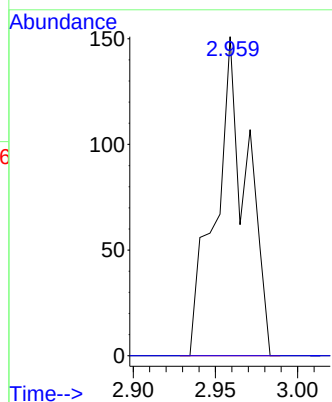
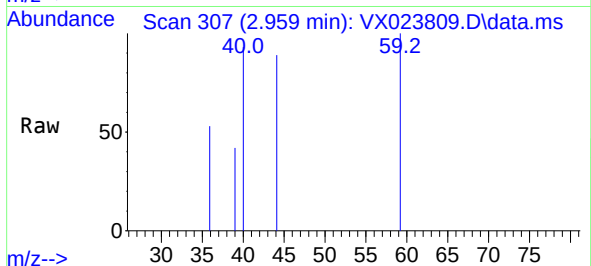




#11
Tert butyl alcohol
Concen: 0.521 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

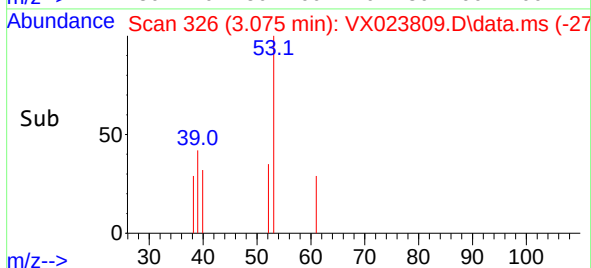
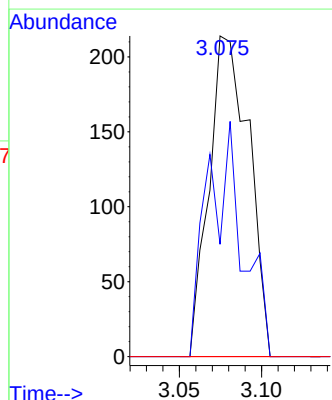
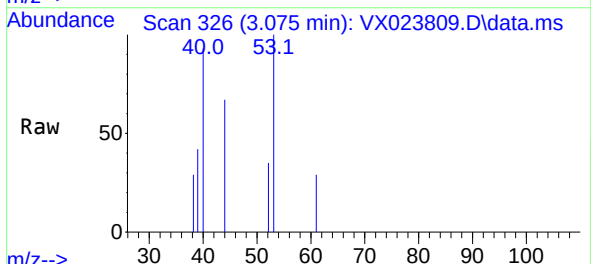
Instrument :
MSVOA_X
ClientSampled :

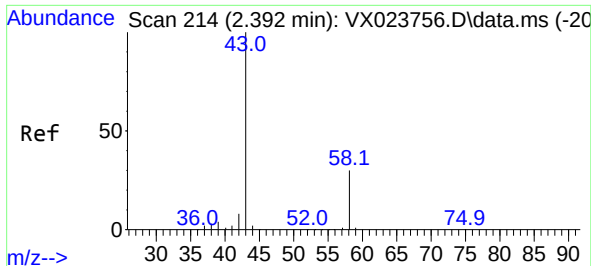
Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#15
Acrylonitrile
Concen: 0.416 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 53 Resp: 360
Ion Ratio Lower Upper
53 100
52 65.0 65.3 97.9#
51 0.0 28.2 42.2#

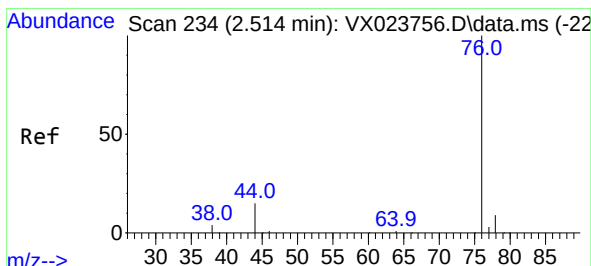
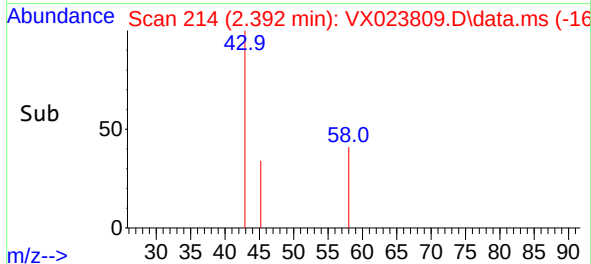
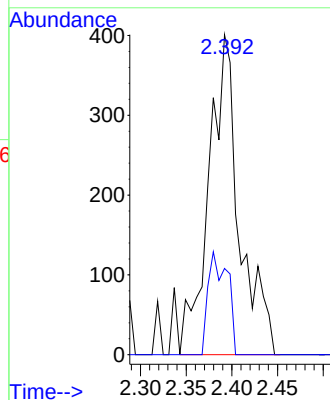
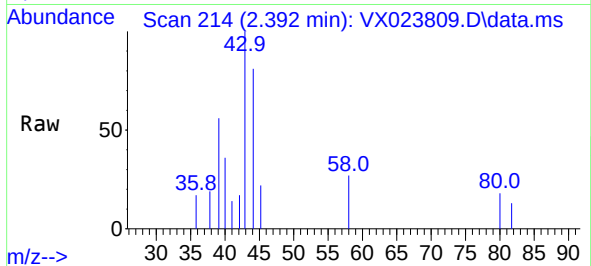




#16
Acetone
Concen: 1.090 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

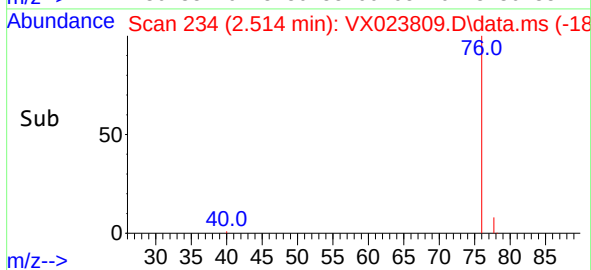
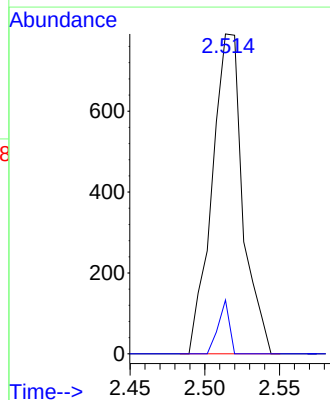
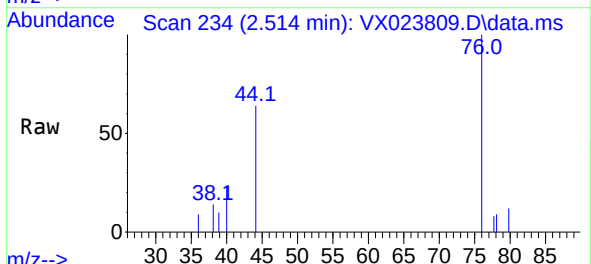
Instrument :
MSVOA_X
ClientSampled :

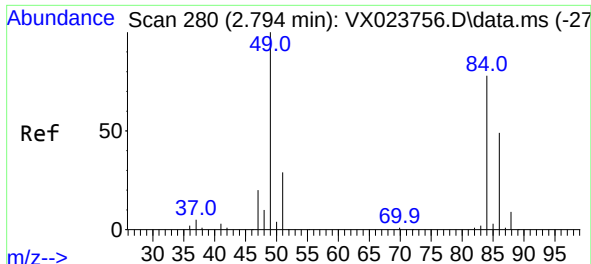
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.361 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 76 Resp: 1135
Ion Ratio Lower Upper
76 100
78 16.8 7.2 10.8#





#20

Methylene Chloride

Concen: 0.413 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023809.D

Acq: 18 Aug 2021 12:18

Tgt Ion: 84 Resp: 677

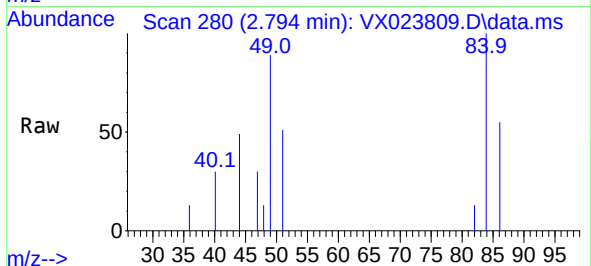
Ion Ratio Lower Upper

84 100

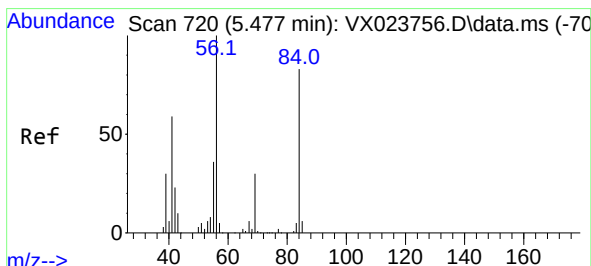
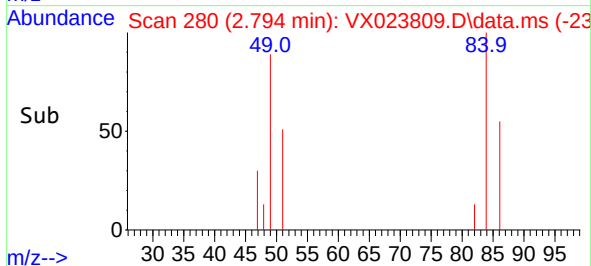
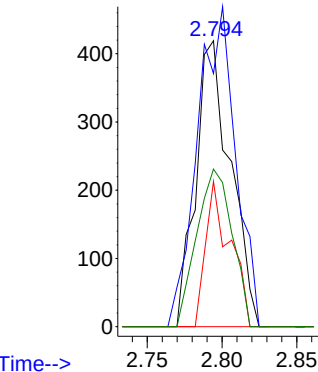
49 88.5 88.6 132.8#

51 50.8 27.0 40.6#

86 55.1 50.3 75.5



Abundance



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX023809.D

Acq: 18 Aug 2021 12:18

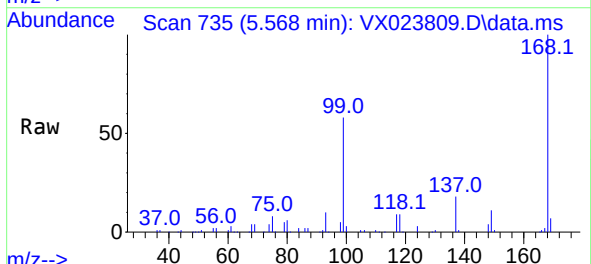
Tgt Ion: 56 Resp: 3098

Ion Ratio Lower Upper

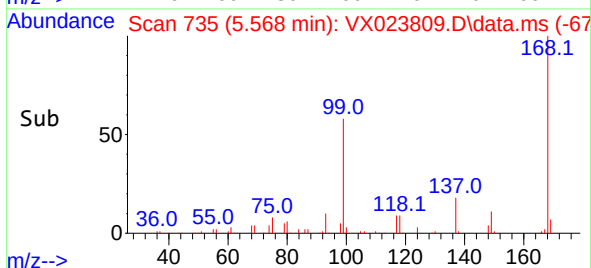
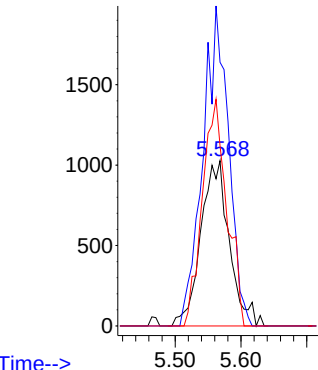
56 100

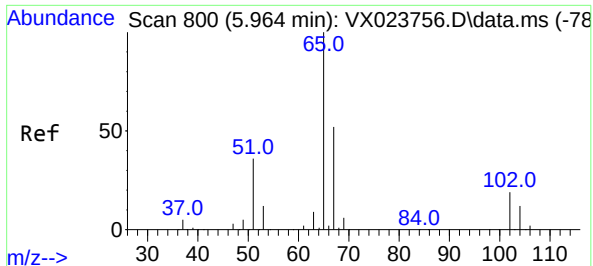
69 159.5 25.3 37.9#

84 108.9 71.4 107.0#



Abundance



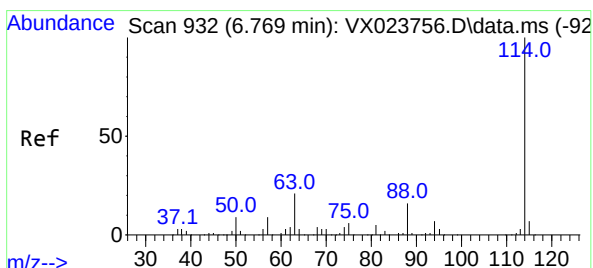
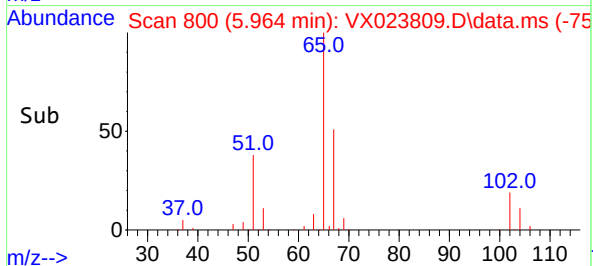
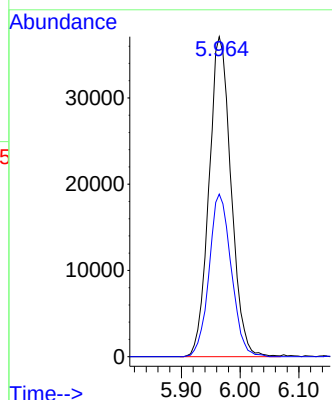
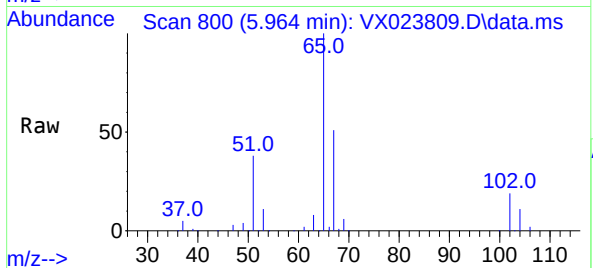


#33

1,2-Dichloroethane-d4
Concen: 50.428 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Instrument :
MSVOA_X
ClientSampled :

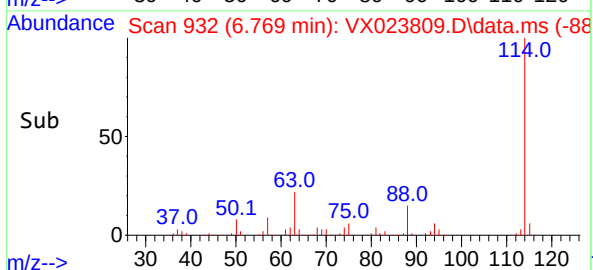
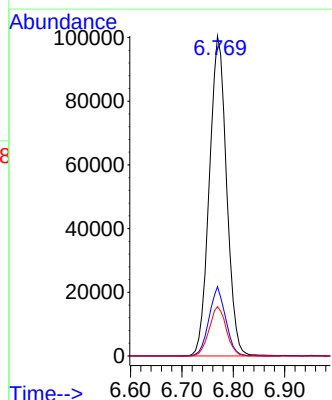
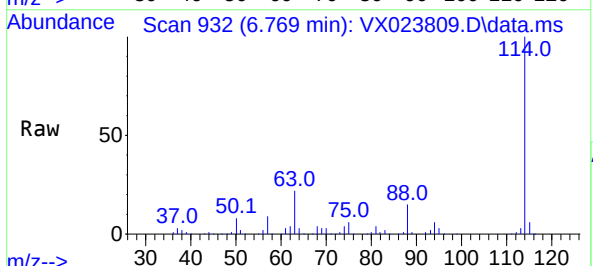
Tgt Ion: 65 Resp: 96758
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

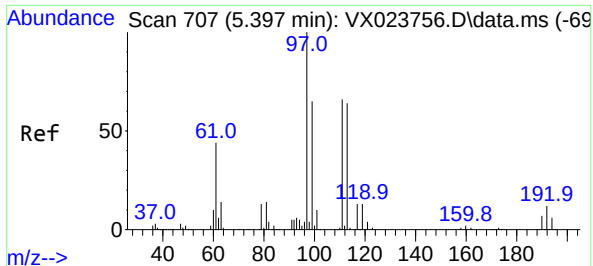


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 114 Resp: 234144
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 15.4 0.0 32.8

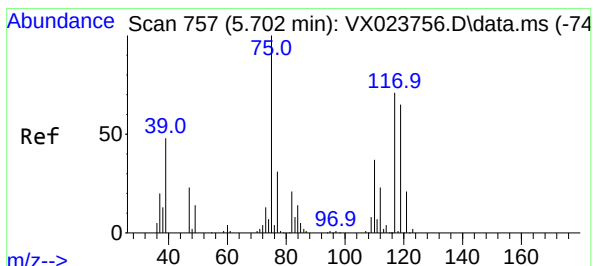
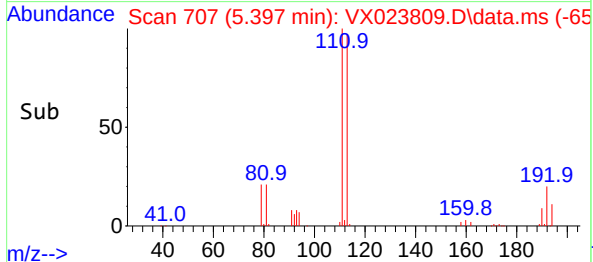
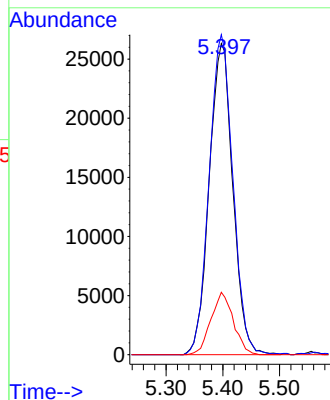
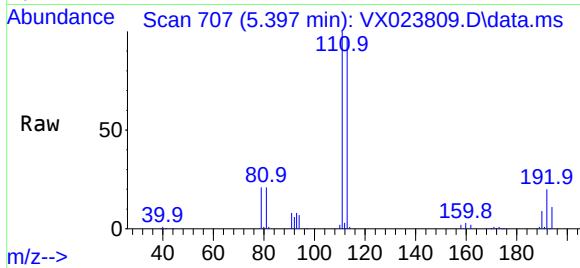




#35
Dibromofluoromethane
Concen: 49.050 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

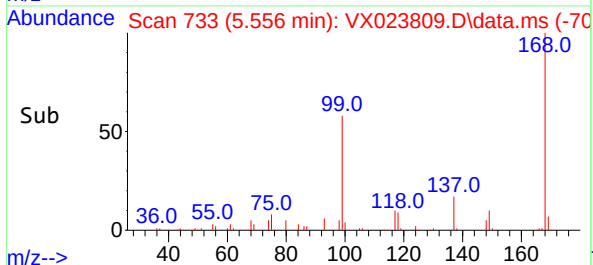
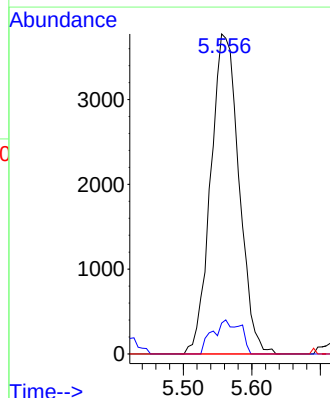
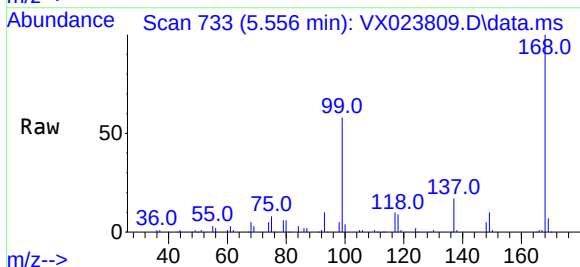
Instrument :
MSVOA_X
ClientSampled :

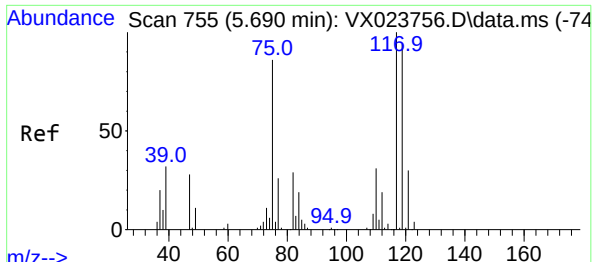
Tgt Ion:	113	Resp:	76015
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	19.1	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

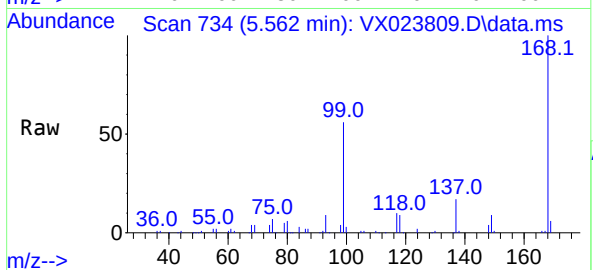
Tgt Ion:	75	Resp:	10804
Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.4#
77	0.0	25.3	37.9#



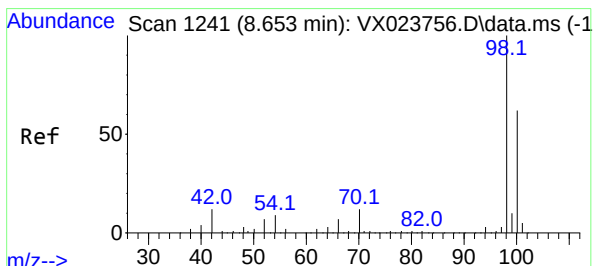
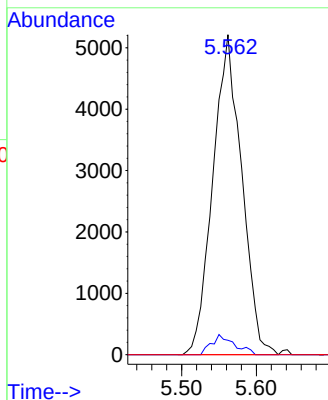
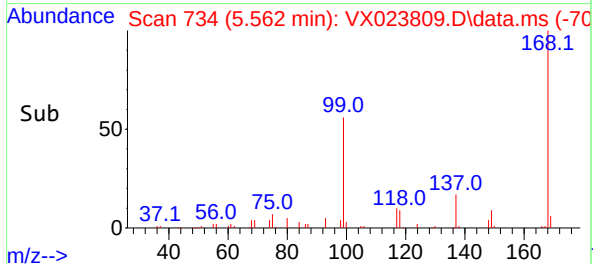


#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

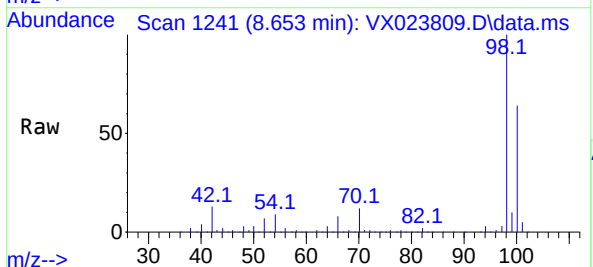
Instrument :
MSVOA_X
ClientSampled :



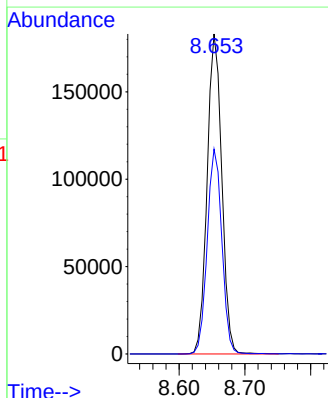
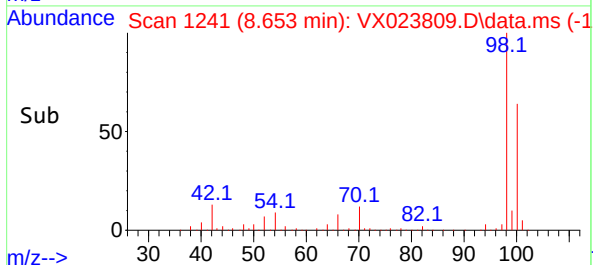
Tgt Ion:117 Resp: 13989
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

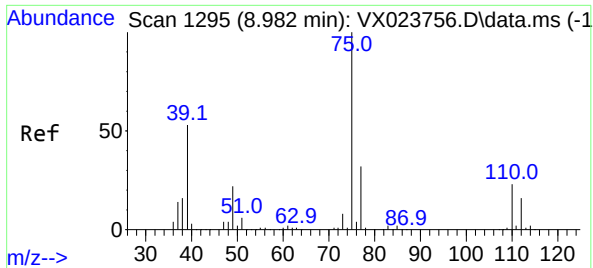


#50
Toluene-d8
Concen: 48.111 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18



Tgt Ion: 98 Resp: 283775
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

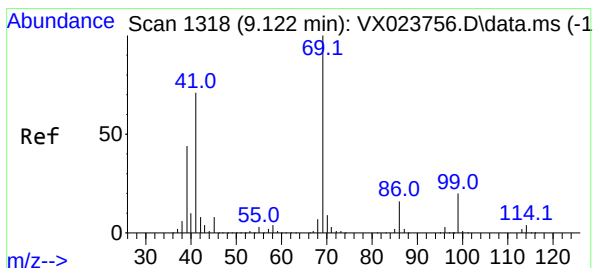
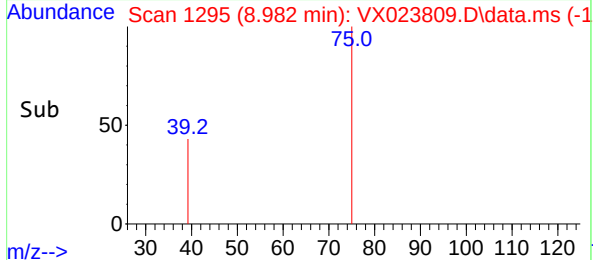
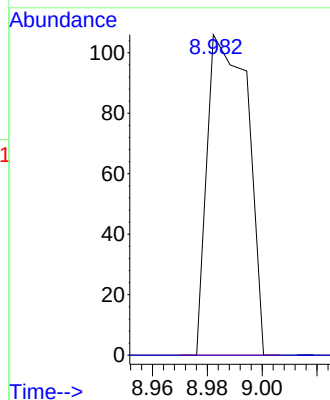
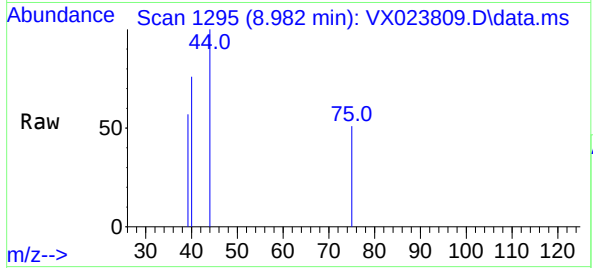




#53
t-1,3-Dichloropropene
Concen: 2.174 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

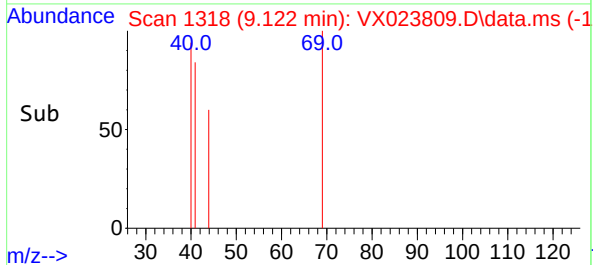
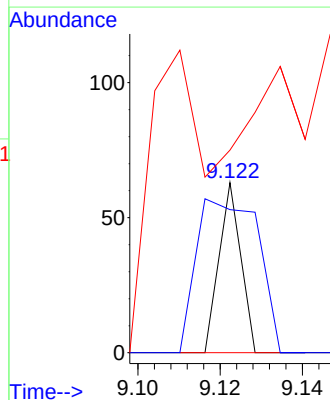
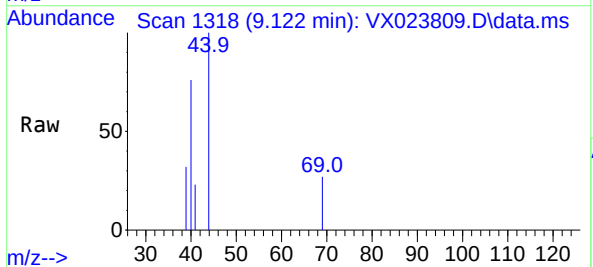
Instrument :
MSVOA_X
ClientSampled :

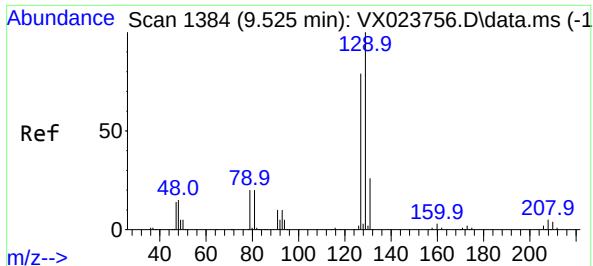
Tgt Ion: 75 Resp: 108
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#56
Ethyl methacrylate
Concen: 0.767 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 69 Resp: 23
Ion Ratio Lower Upper
69 100
41 256.5 46.8 70.2#
39 434.8 24.7 37.1#





#60

Dibromochloromethane

Concen: 1.767 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023809.D

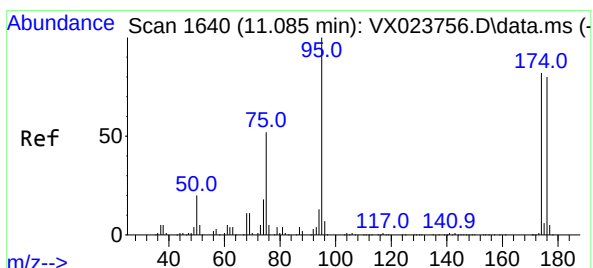
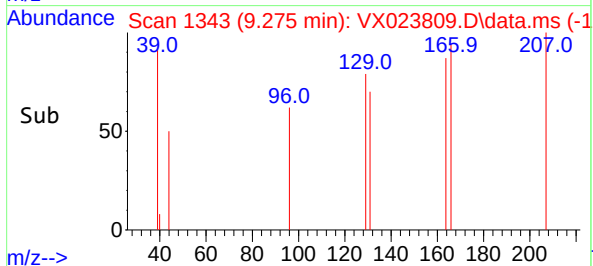
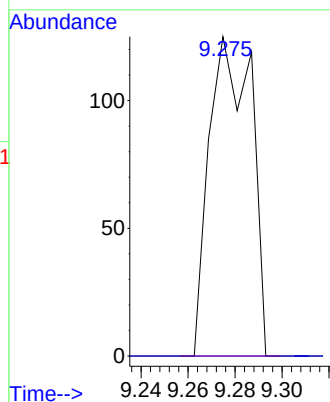
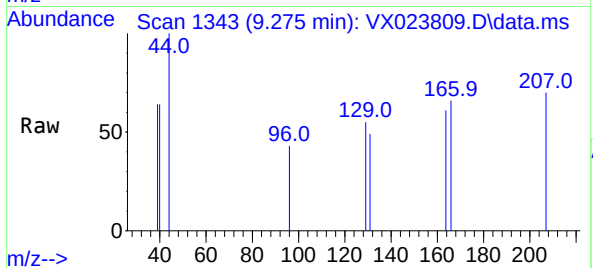
Acq: 18 Aug 2021 12:18

Tgt Ion:129 Resp: 155

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 43.998 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023809.D

Acq: 18 Aug 2021 12:18

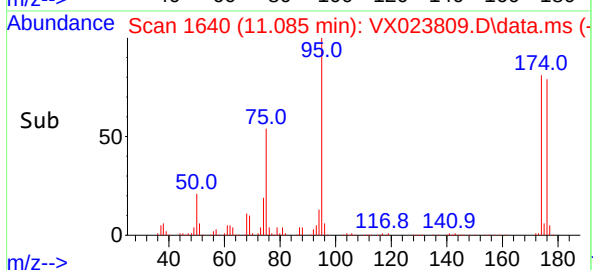
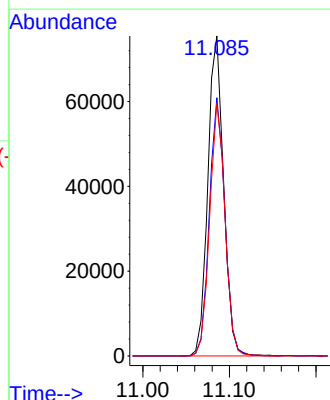
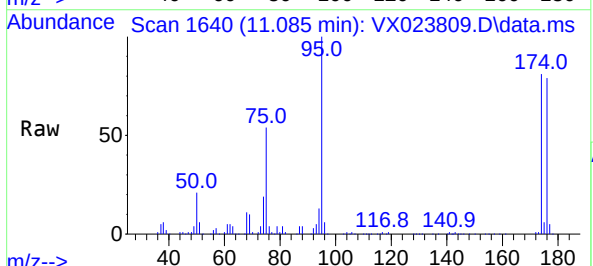
Tgt Ion: 95 Resp: 95536

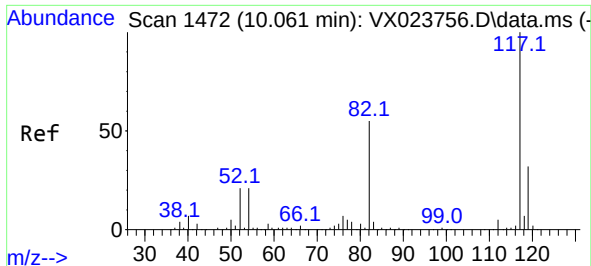
Ion Ratio Lower Upper

95 100

174 79.5 0.0 154.6

176 76.7 0.0 155.8

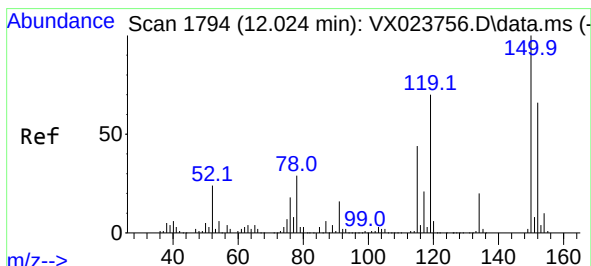
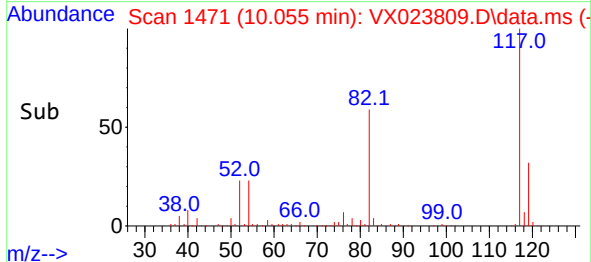
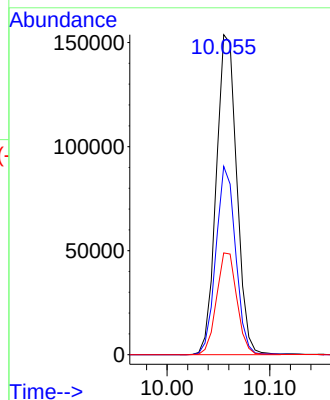
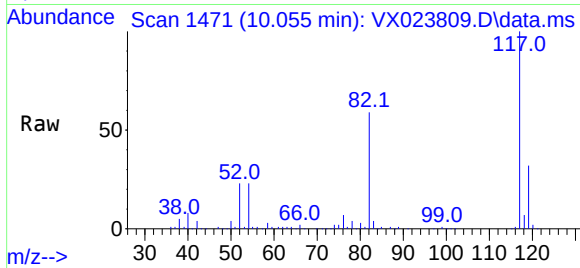




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

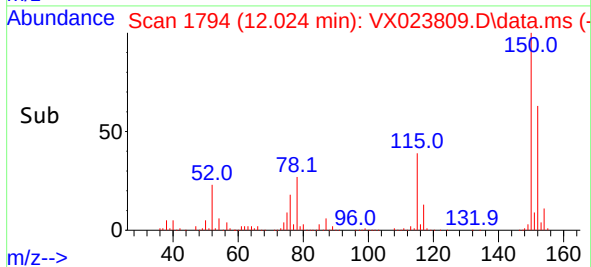
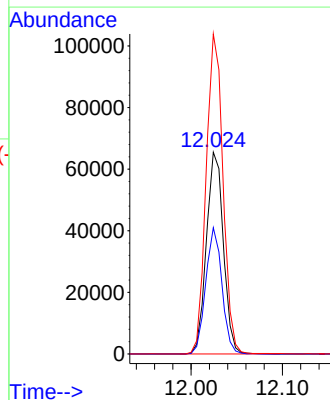
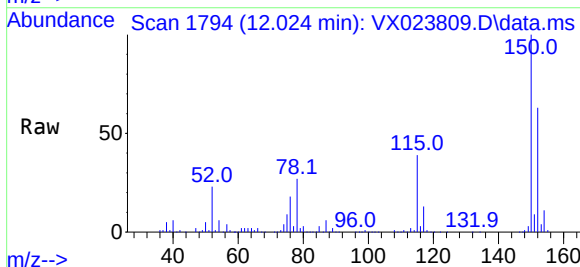
Instrument :
MSVOA_X
ClientSampled :

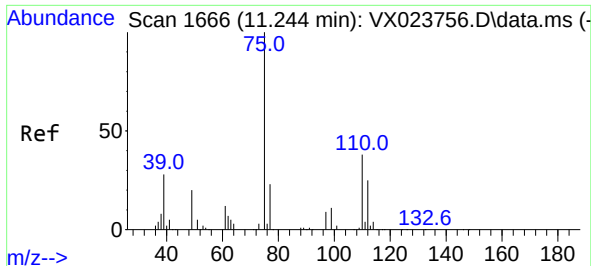
Tgt Ion:117 Resp: 212742
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion:152 Resp: 84297
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 157.1 0.0 349.0

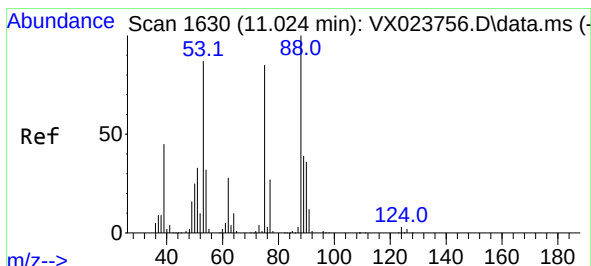
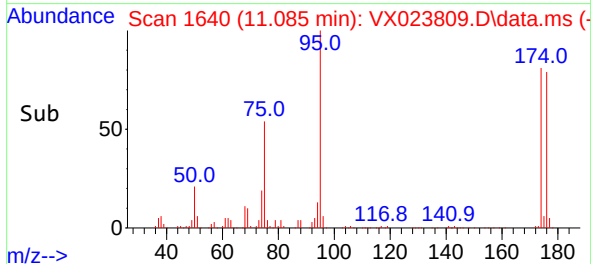
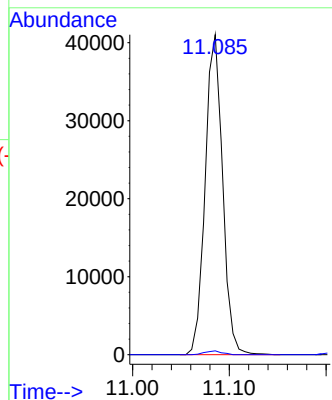
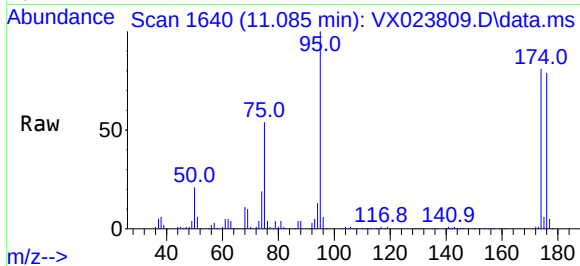




#76
1,2,3-Trichloropropane
Concen: 26.154 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

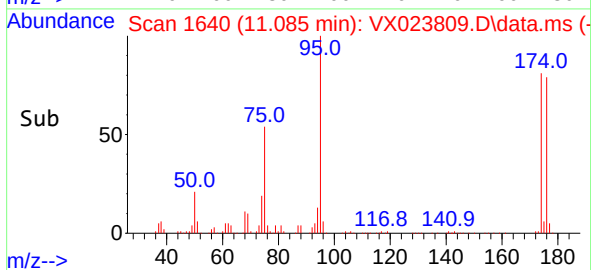
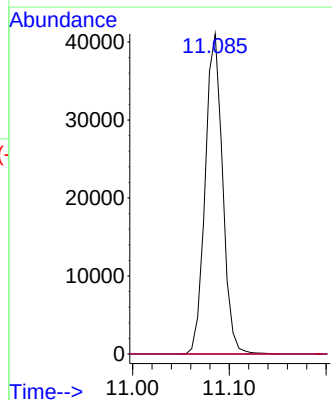
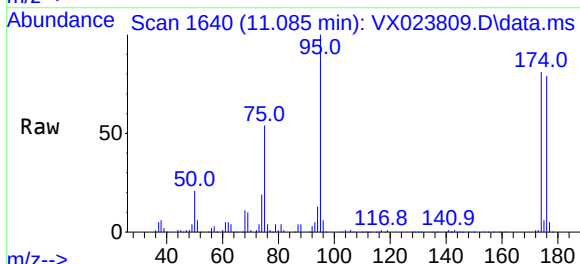
Instrument :
MSVOA_X
ClientSampled :

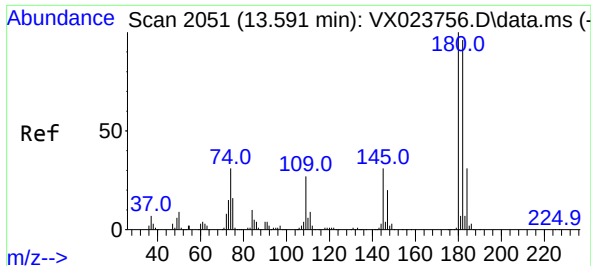
Tgt Ion: 75 Resp: 51429
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.932 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Tgt Ion: 75 Resp: 51429
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

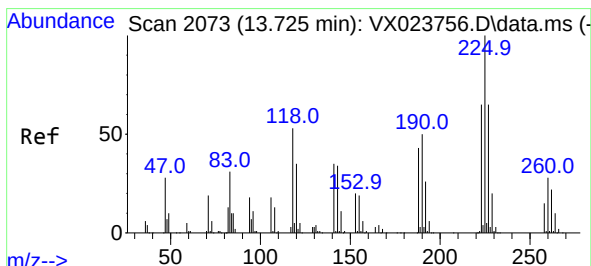
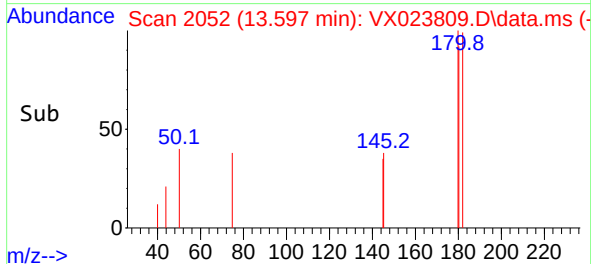
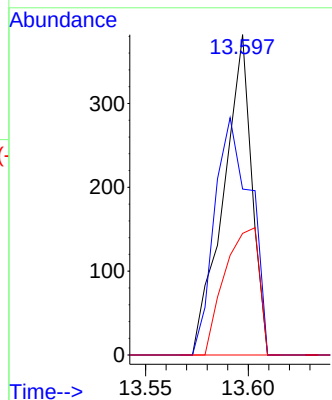
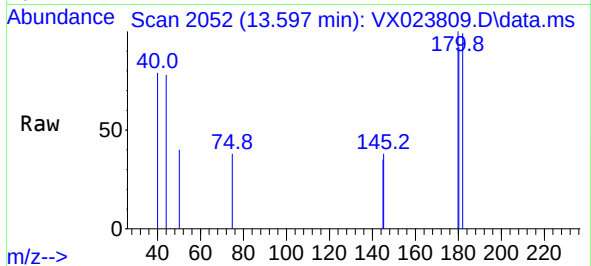




#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

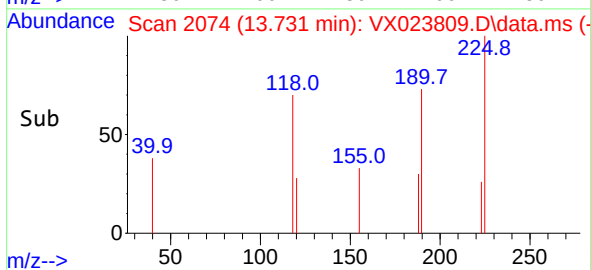
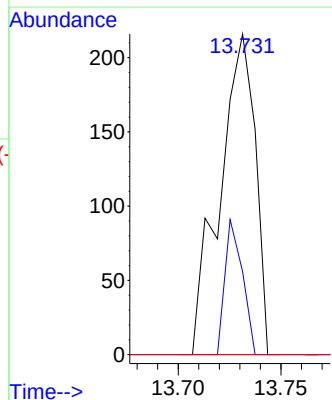
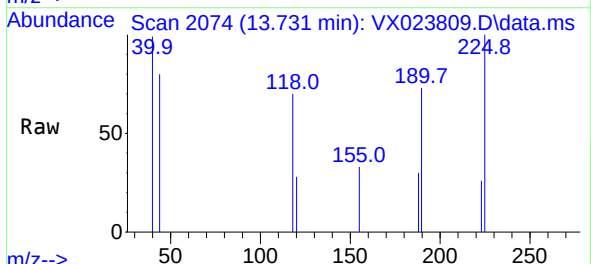
Instrument :
MSVOA_X
ClientSampled :

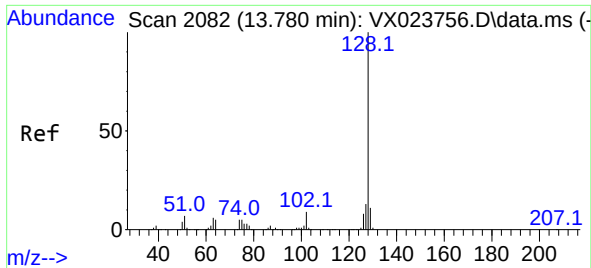
Tgt Ion:180 Resp: 367
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 48.2 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.349 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

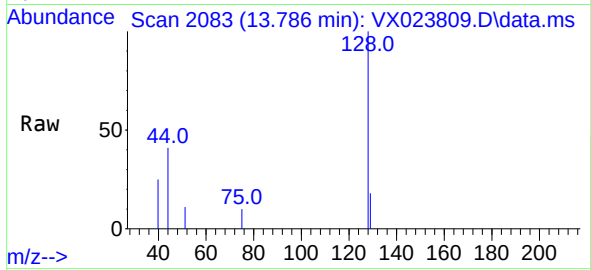
Tgt Ion:225 Resp: 260
Ion Ratio Lower Upper
225 100
223 20.8 31.1 93.2#
227 0.0 31.6 95.0#





#95
Naphthalene
Concen: 1.412 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023809.D
Acq: 18 Aug 2021 12:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 817

Ion	Ratio	Lower	Upper
128	100		
127	3.5	10.3	15.5#
129	15.3	8.8	13.2#

