

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024091.D
 Acq On : 03 Sep 2021 09:32
 Operator : JC/MD
 Sample : VX0903MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 13:43:26 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)

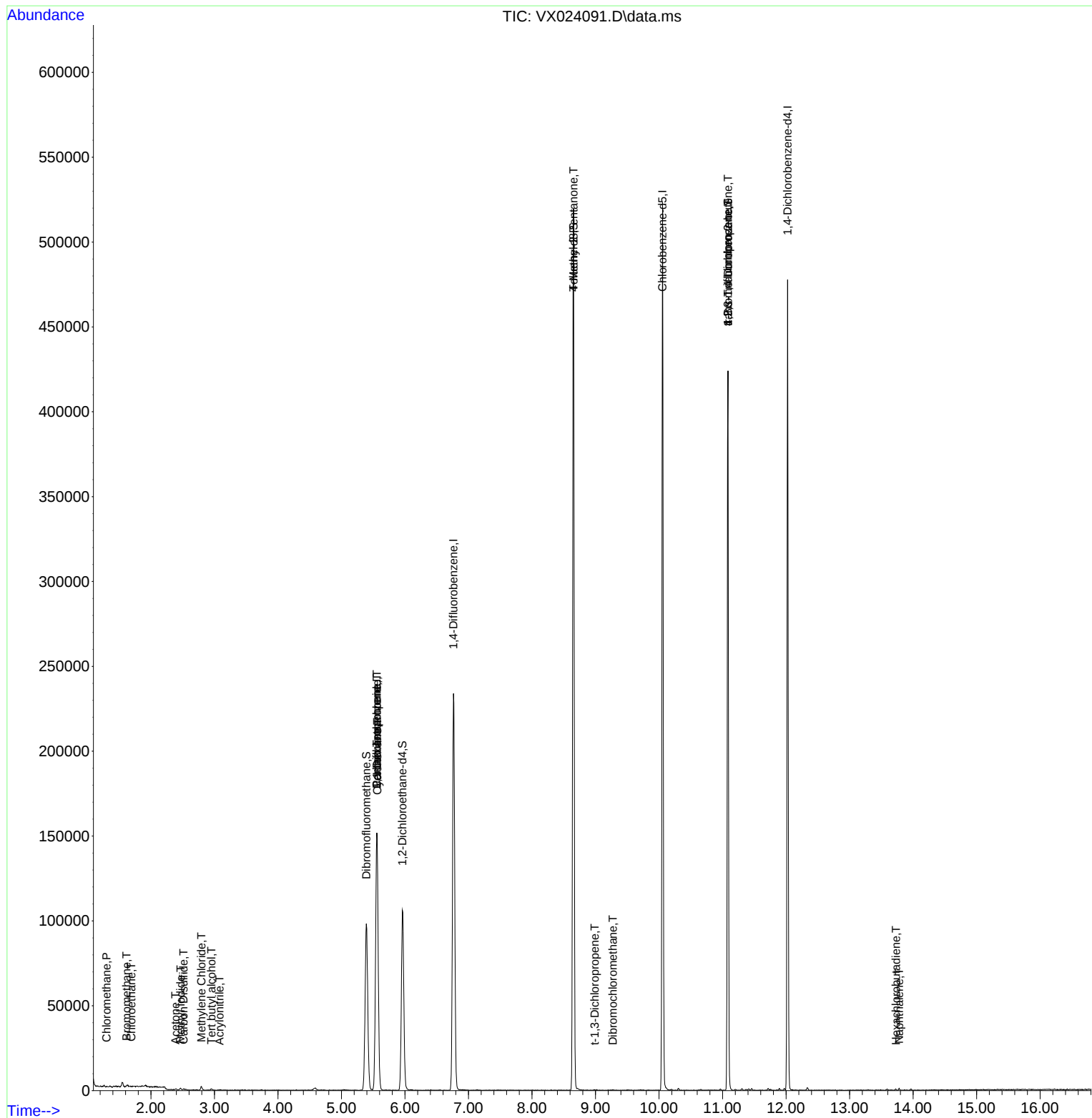
Internal Standards						
1) Pentafluorobenzene	5.556	168	143630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107575	53.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.320%	
35) Dibromofluoromethane	5.391	113	83732	53.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.300%	
50) Toluene-d8	8.653	98	300655	50.612	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.085	95	107880	49.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	356	0.214	ug/l #	76
5) Bromomethane	1.618	94	632	0.620	ug/l	99
6) Chloroethane	1.691	64	91	2.282	ug/l #	43
10) Methyl Iodide	2.465	142	1034	0.515	ug/l #	81
11) Tert butyl alcohol	2.953	59	342	0.844	ug/l #	73
15) Acrylonitrile	3.081	53	243	0.269	ug/l #	49
16) Acetone	2.386	43	706	0.788	ug/l #	88
17) Carbon Disulfide	2.514	76	890	0.271	ug/l #	75
20) Methylene Chloride	2.794	84	876	0.512	ug/l #	84
31) Cyclohexane	5.562	56	3298	1.281	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	11144	5.103	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14129	6.205	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1410	0.519	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	115	2.177	ug/l #	44
60) Dibromochloromethane	9.275	129	44	1.710	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58289	26.705	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58289	78.554	ug/l #	12
94) Hexachlorobutadiene	13.731	225	224	0.271	ug/l	76
95) Naphthalene	13.780	128	698	1.382	ug/l #	95

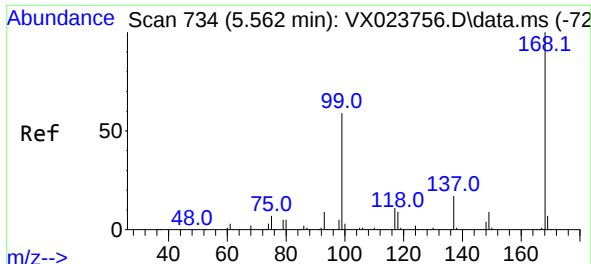
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 03 13:43:26 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

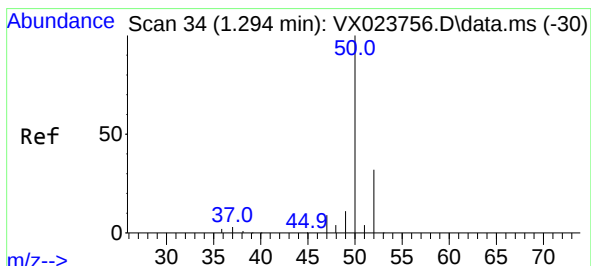
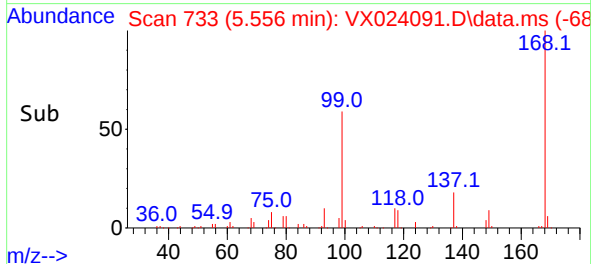
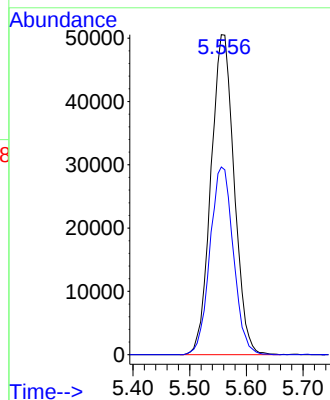
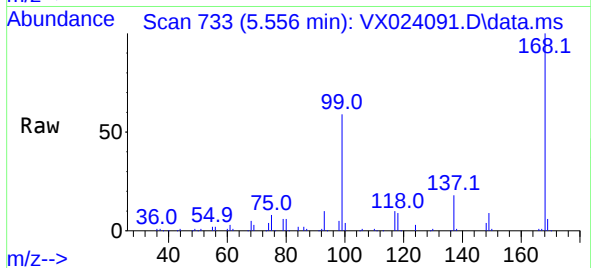




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

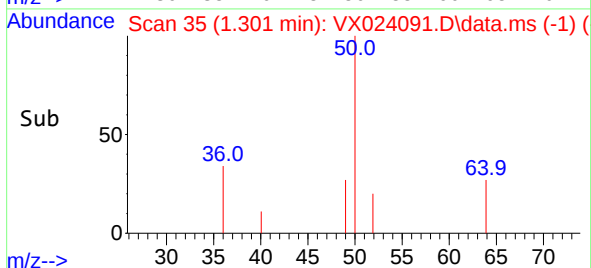
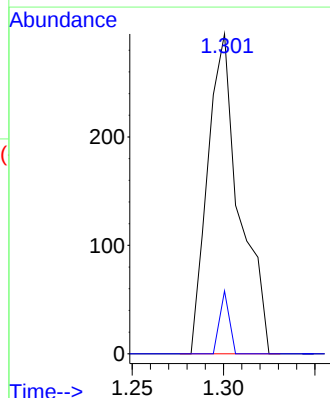
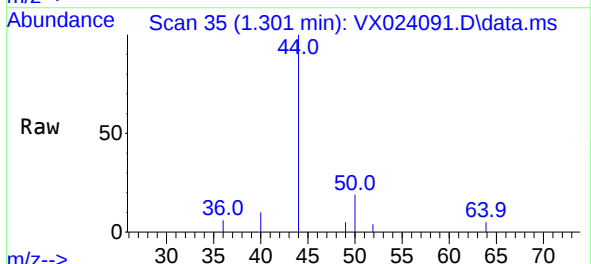
Instrument :
MSVOA_X
ClientSampled :

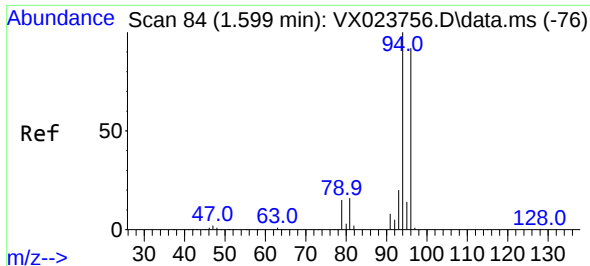
Tgt Ion:168 Resp: 143630
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 19.7 26.4 39.6#

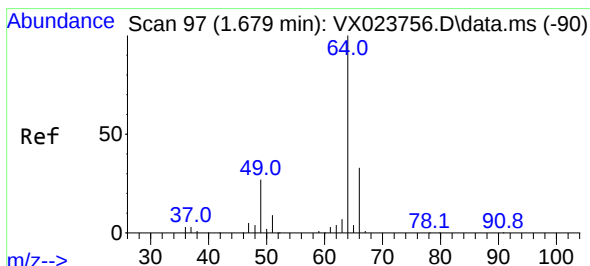
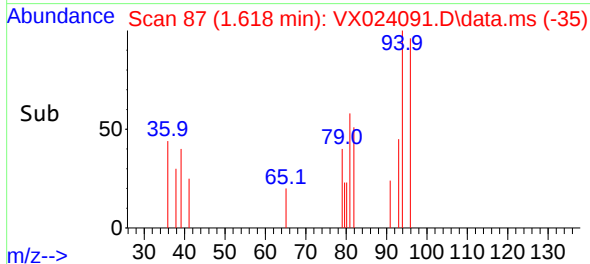
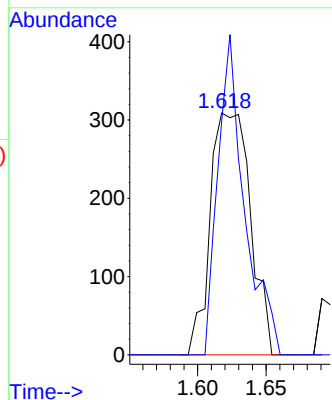
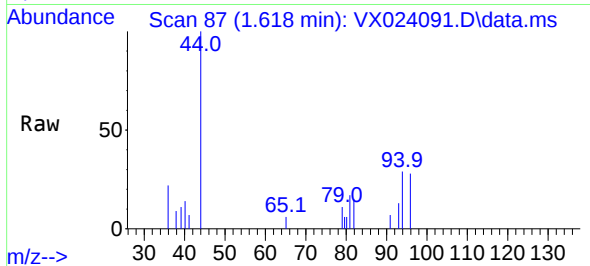




#5
Bromomethane
Concen: 0.620 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

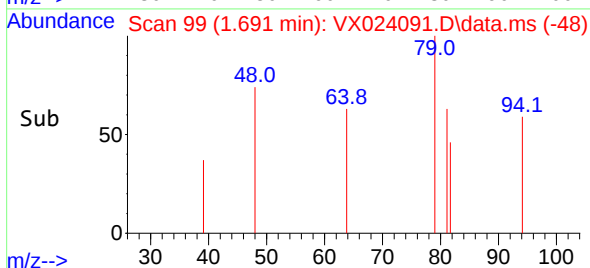
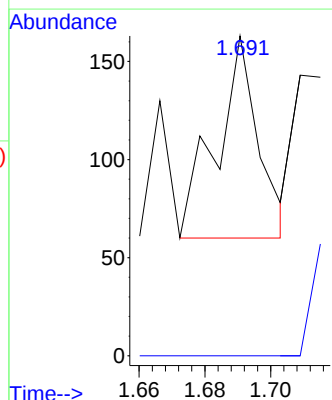
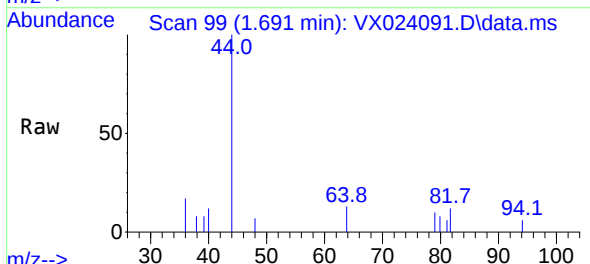
Instrument :
MSVOA_X
ClientSampled :

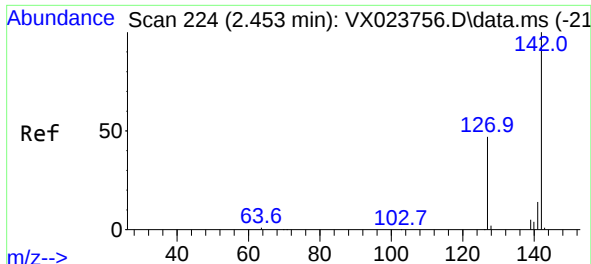
Tgt Ion: 94 Resp: 632
Ion Ratio Lower Upper
94 100
96 96.4 76.4 114.6



#6
Chloroethane
Concen: 2.282 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

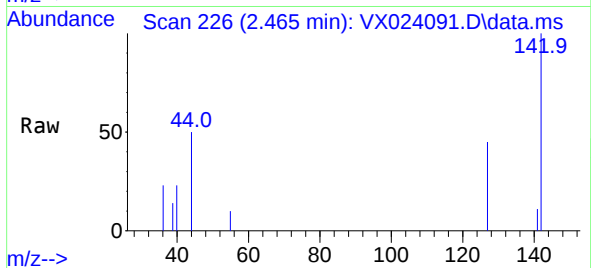
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



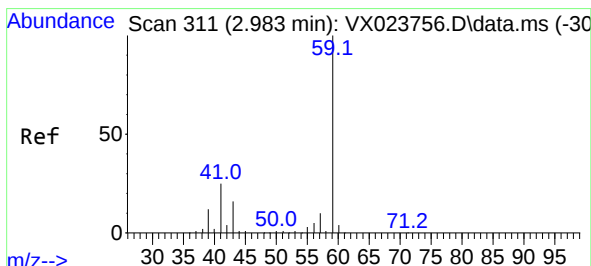
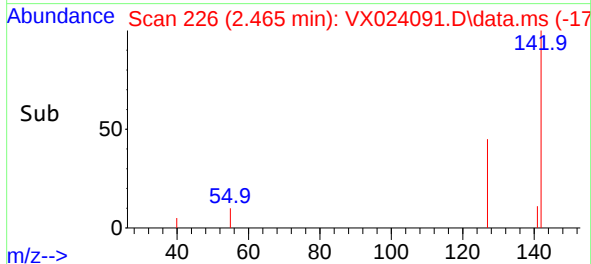
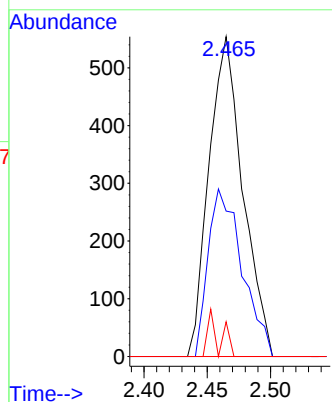


#10
Methyl Iodide
Concen: 0.515 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Instrument :
MSVOA_X
ClientSampled :

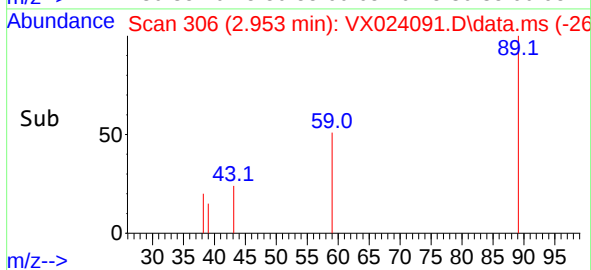
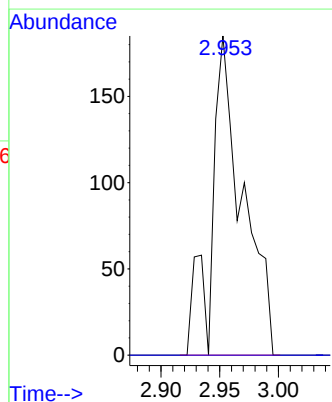
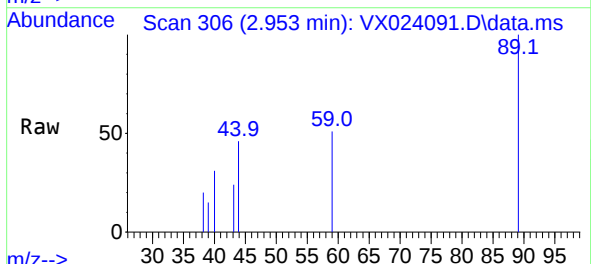


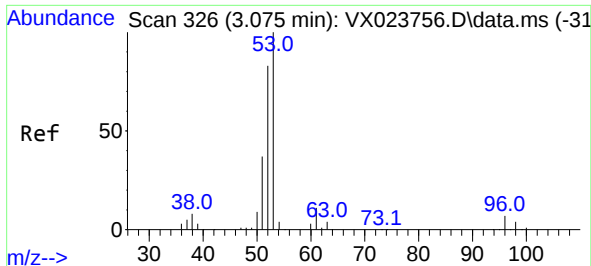
Tgt Ion:142 Resp: 1034
Ion Ratio Lower Upper
142 100
127 52.4 33.3 49.9#
141 5.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.844 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



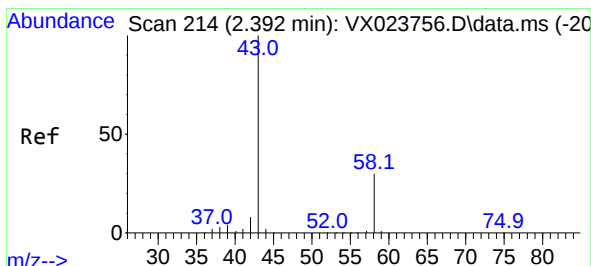
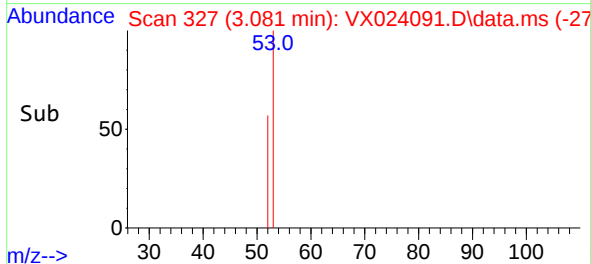
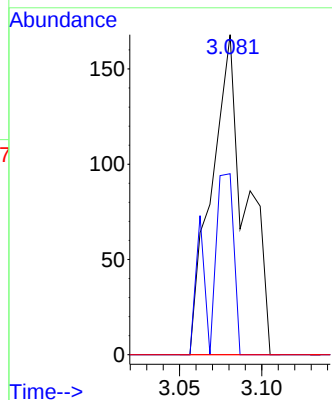
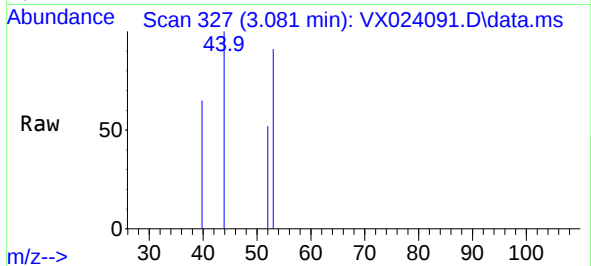


#15
Acrylonitrile
Concen: 0.269 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 53 Resp: 243

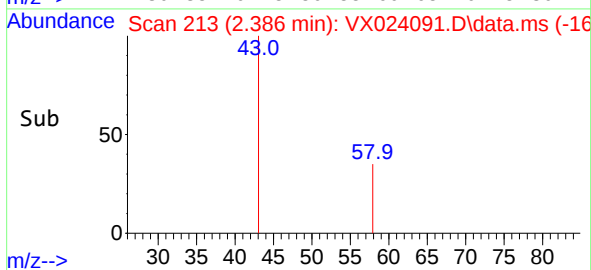
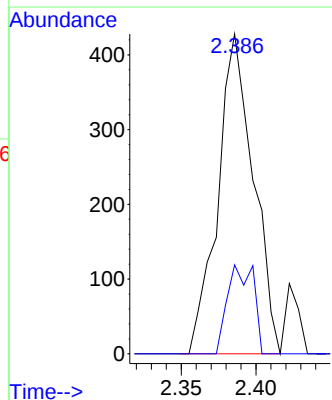
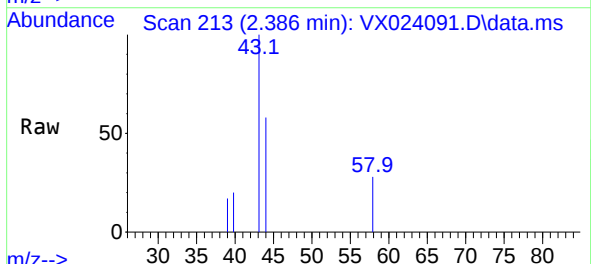
Ion	Ratio	Lower	Upper
53	100		
52	39.5	65.3	97.9#
51	0.0	28.2	42.2#

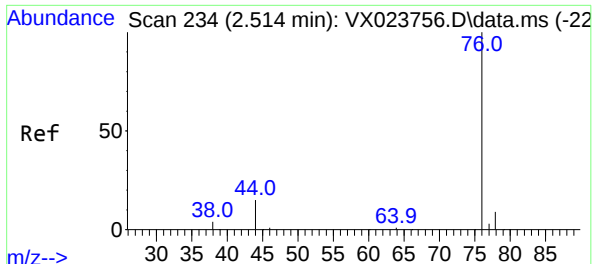


#16
Acetone
Concen: 0.788 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 43 Resp: 706

Ion	Ratio	Lower	Upper
43	100		
58	27.8	27.8	41.8#

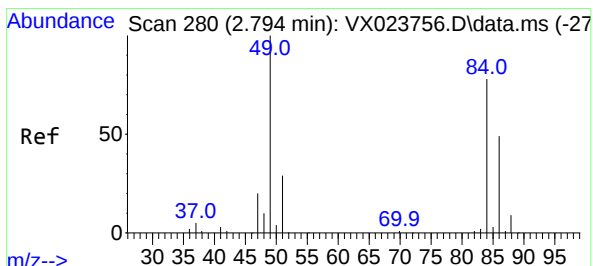
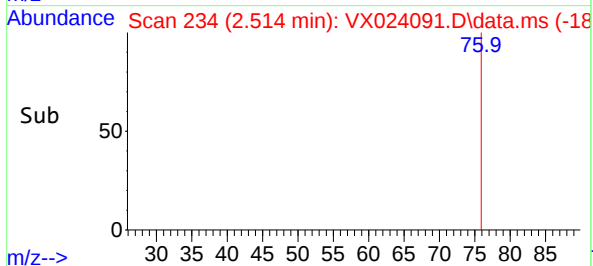
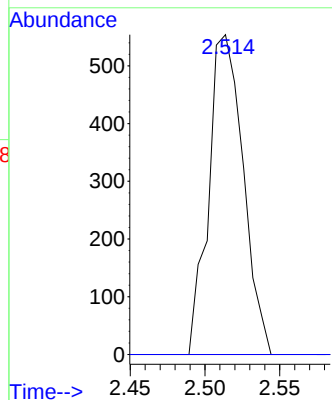
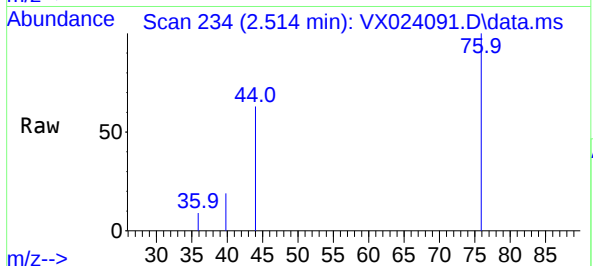




#17
Carbon Disulfide
Concen: 0.271 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

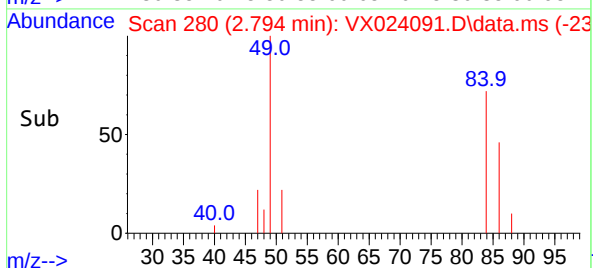
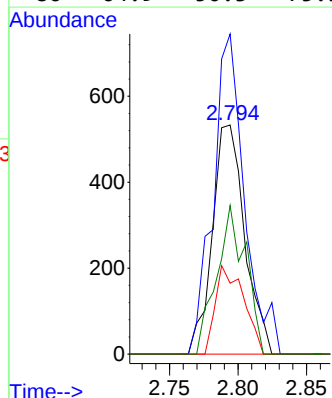
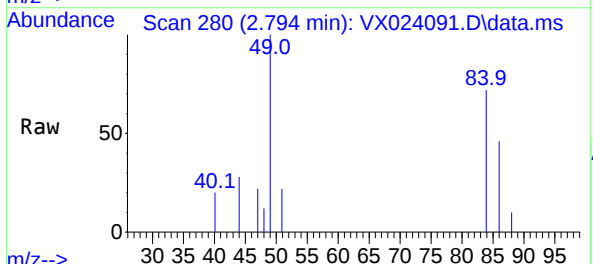
Instrument :
MSVOA_X
ClientSampled :

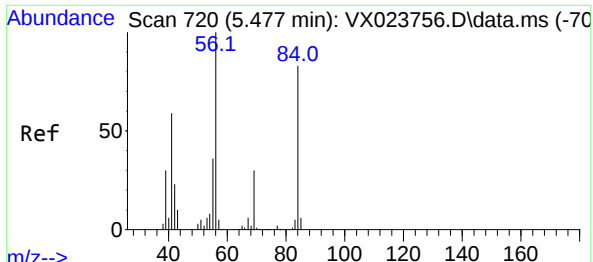
Tgt Ion: 76 Resp: 890
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

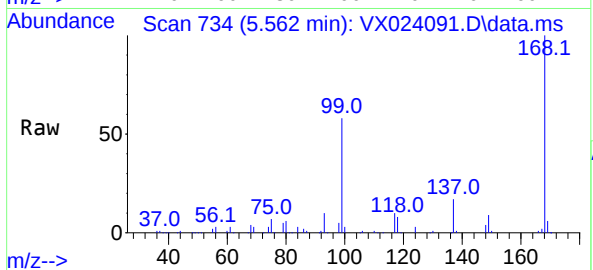
Tgt Ion: 84 Resp: 876
Ion Ratio Lower Upper
84 100
49 139.8 88.6 132.8#
51 31.0 27.0 40.6
86 64.9 50.3 75.5



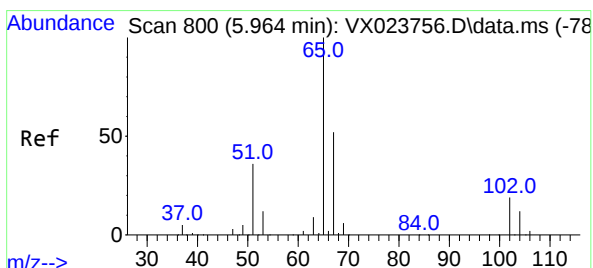
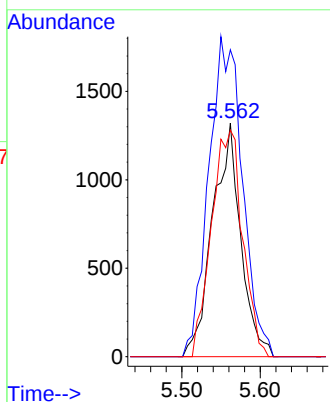
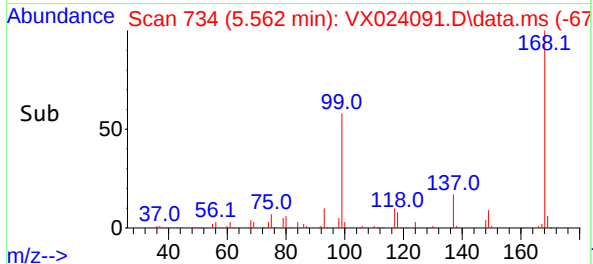


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

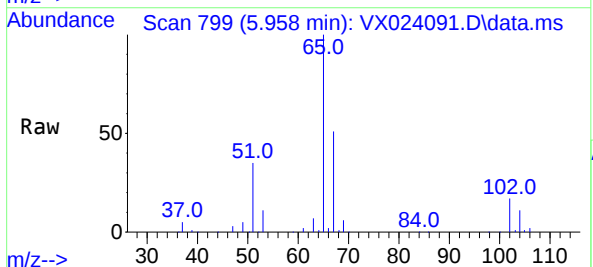
Instrument :
MSVOA_X
ClientSampled :



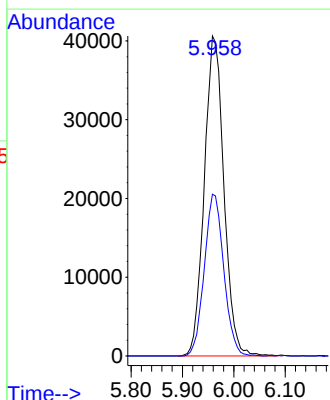
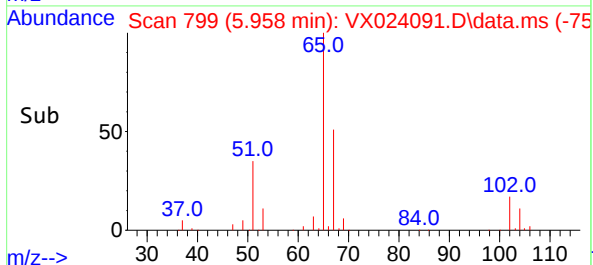
Tgt Ion: 56 Resp: 3298
Ion Ratio Lower Upper
56 100
69 131.3 25.3 37.9#
84 97.0 71.4 107.0

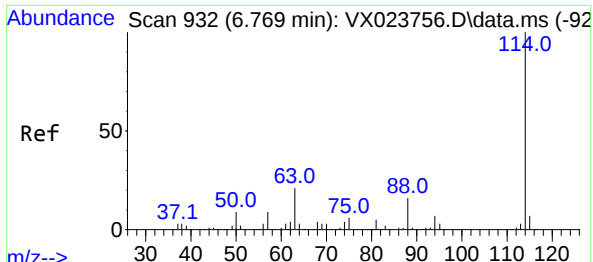


#33
1,2-Dichloroethane-d4
Concen: 53.664 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32



Tgt Ion: 65 Resp: 107575
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

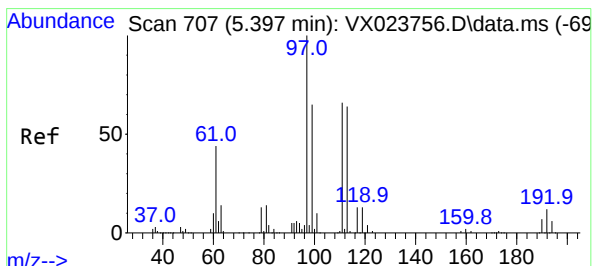
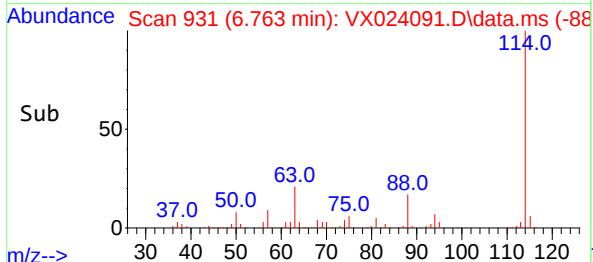
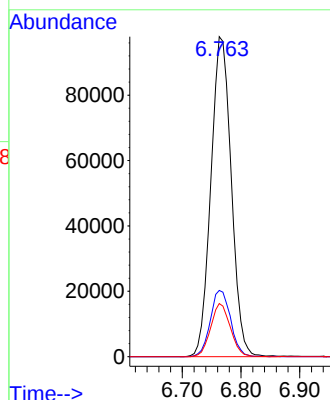
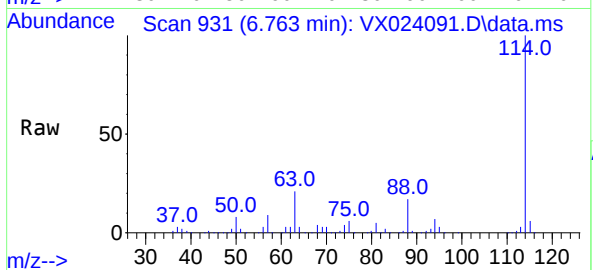




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

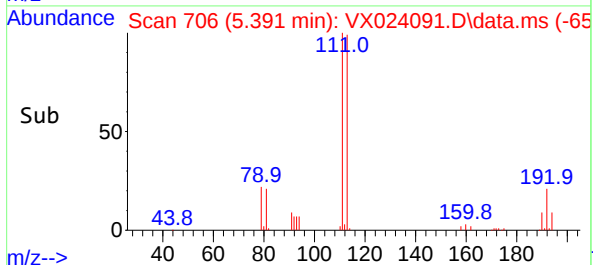
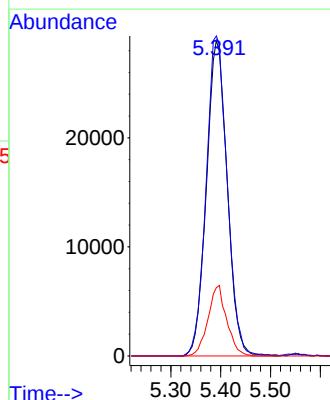
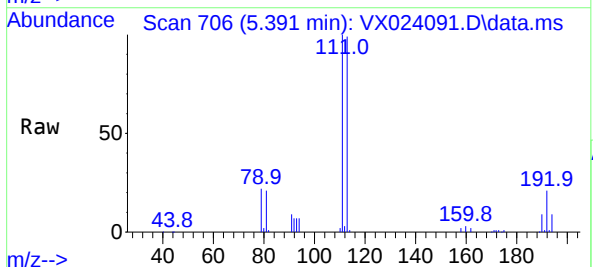
Instrument :
MSVOA_X
ClientSampled :

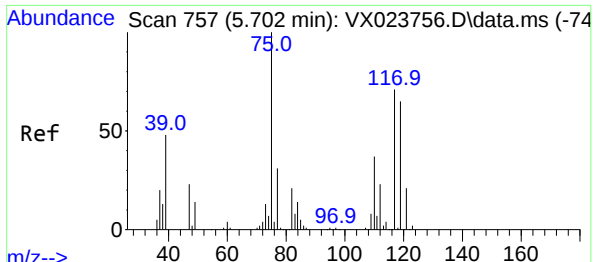
Tgt Ion:114 Resp: 235813
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.647 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion:113 Resp: 83732
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.1 16.7 25.1

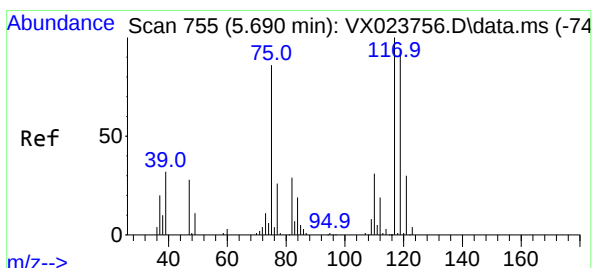
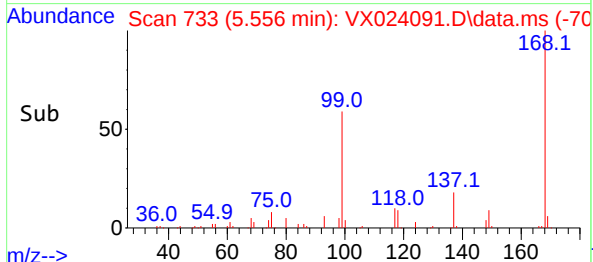
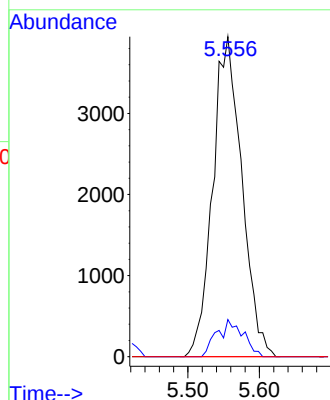
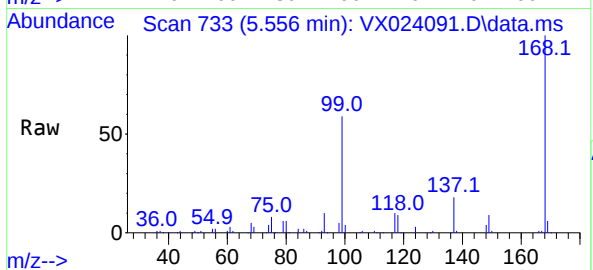




#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

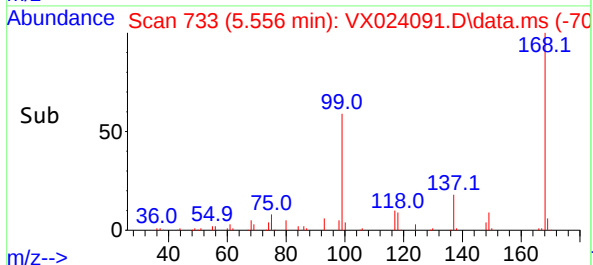
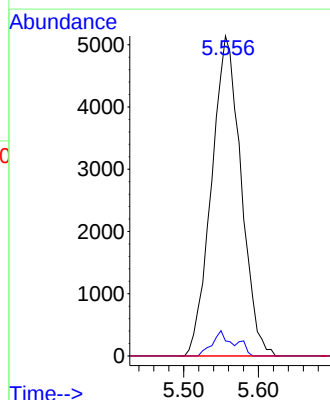
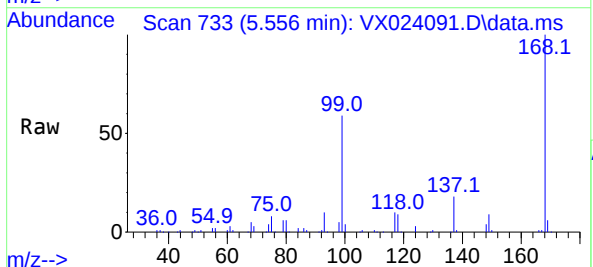
Instrument :
MSVOA_X
ClientSampled :

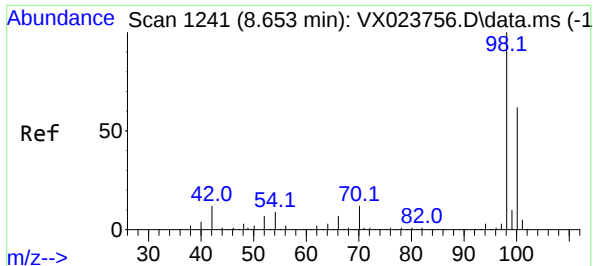
Tgt Ion: 75 Resp: 11144
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 117 Resp: 14129
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.612 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024091.D

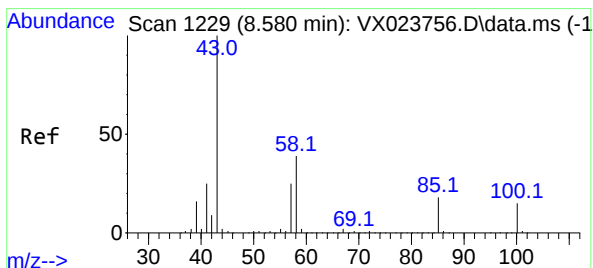
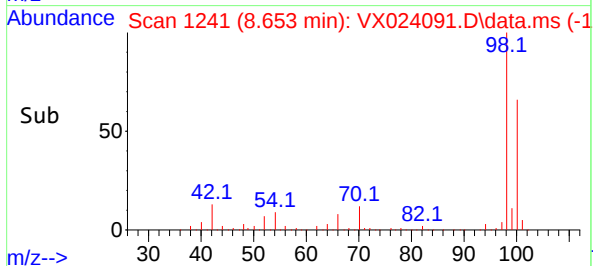
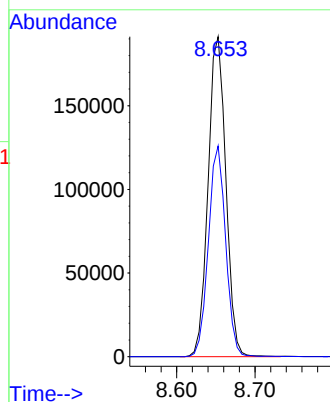
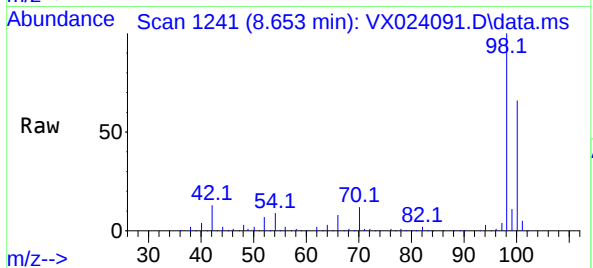
Acq: 03 Sep 2021 09:32

Tgt Ion: 98 Resp: 300655

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.519 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024091.D

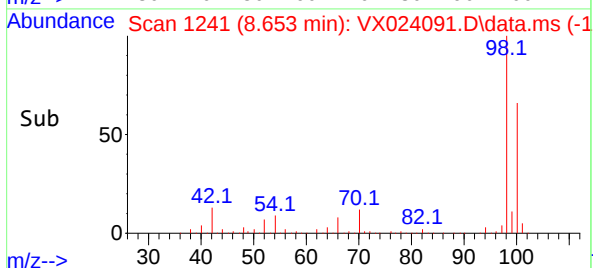
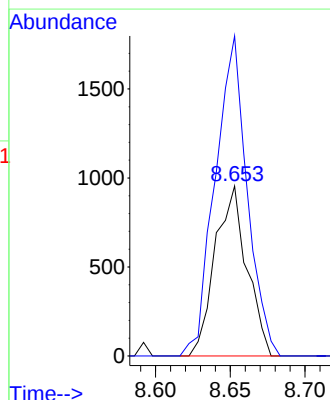
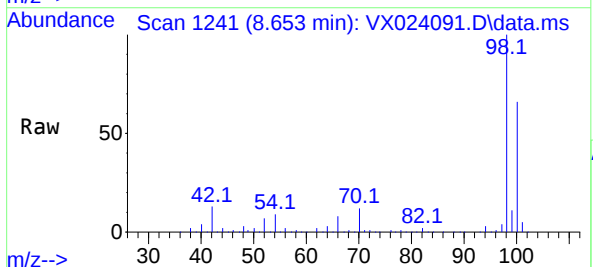
Acq: 03 Sep 2021 09:32

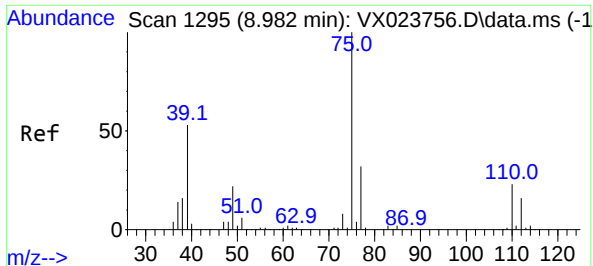
Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

58 190.0 35.4 53.0#

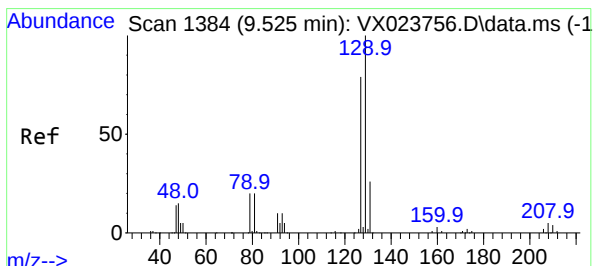
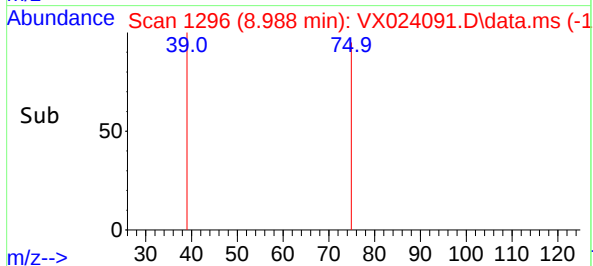
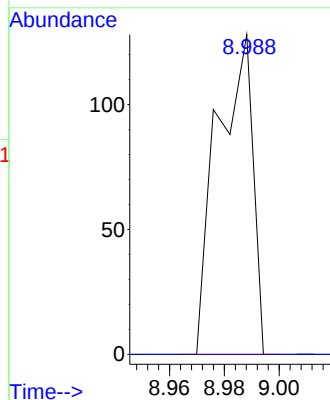
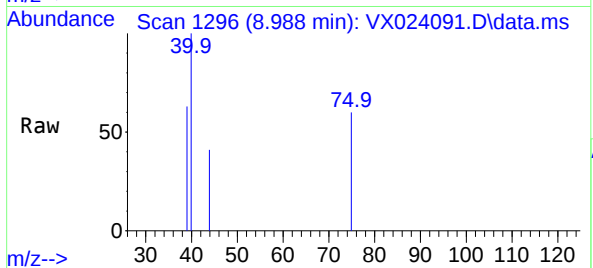




#53
t-1,3-Dichloropropene
Concen: 2.177 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

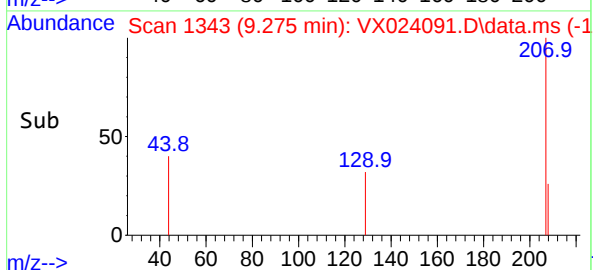
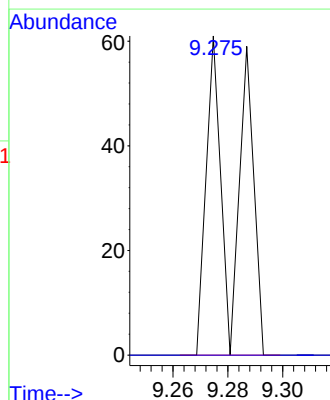
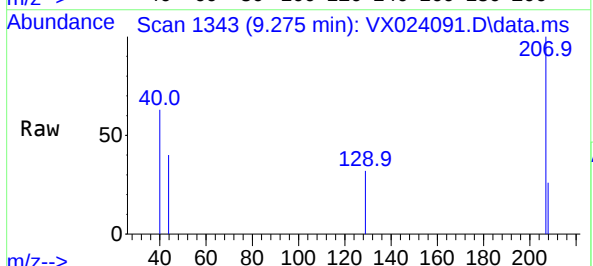
Instrument :
MSVOA_X
ClientSampled :

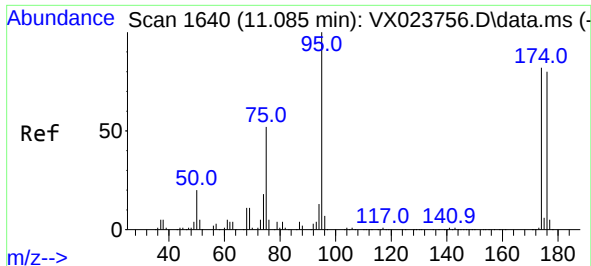
Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.710 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 129 Resp: 44
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

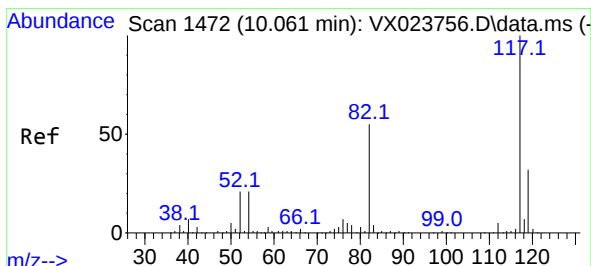
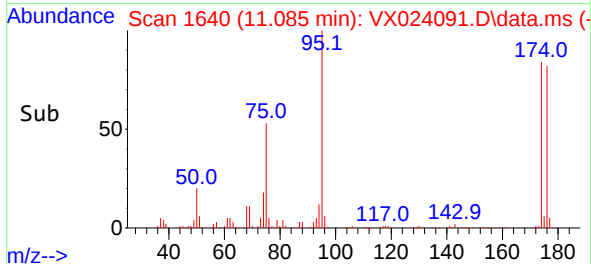
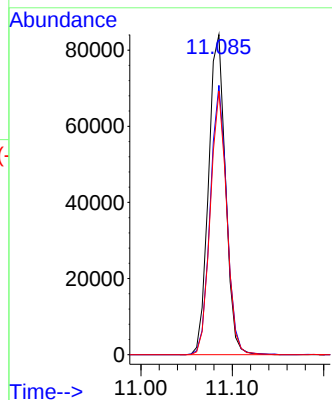
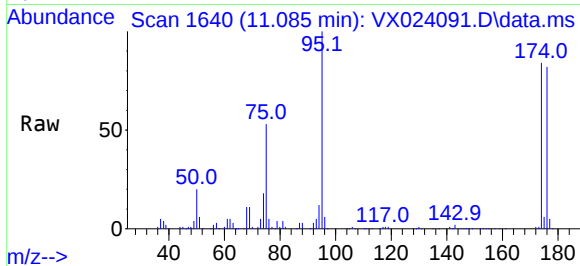




#62
4-Bromofluorobenzene
Concen: 49.332 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

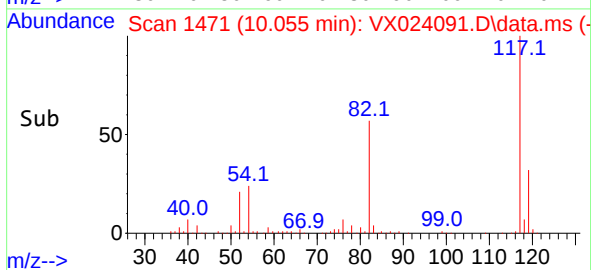
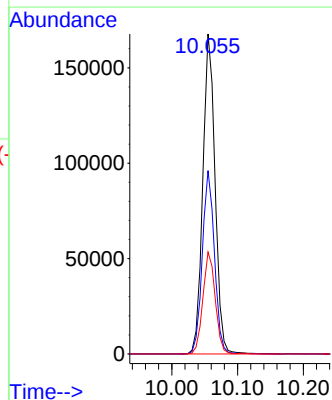
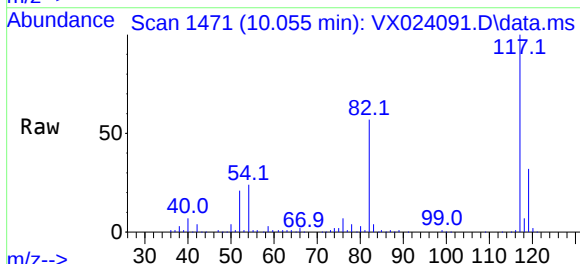
Instrument :
MSVOA_X
ClientSampleId :

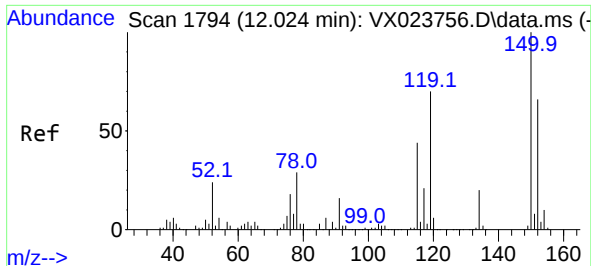
Tgt Ion: 95 Resp: 107880
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 117 Resp: 217738
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.9 26.6 39.8

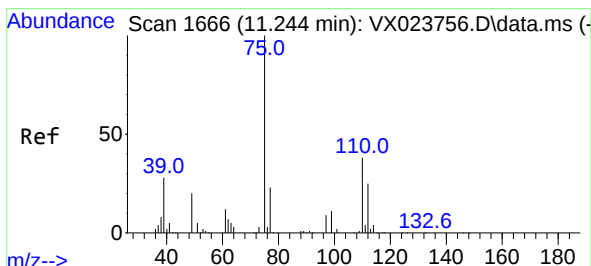
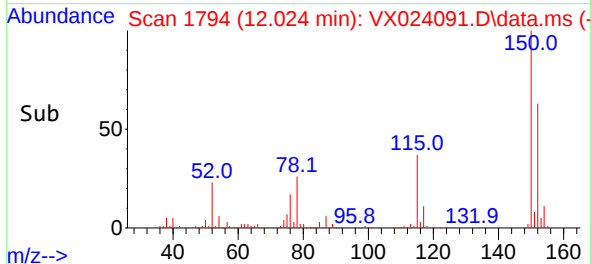
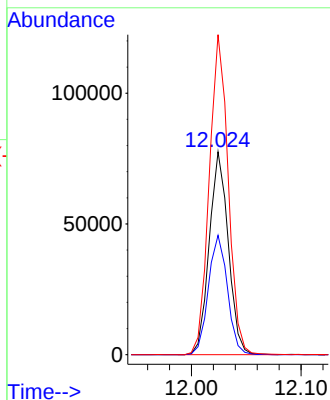
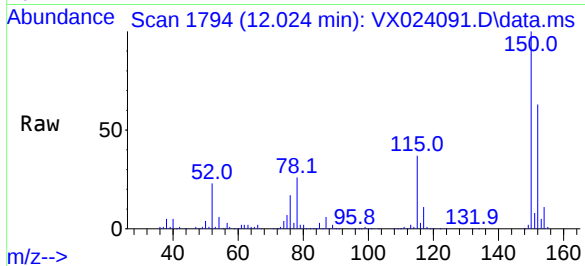




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

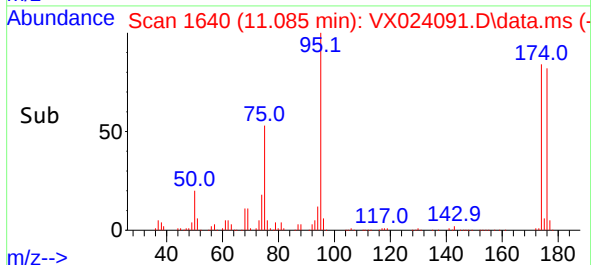
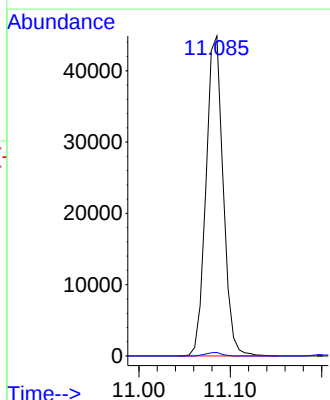
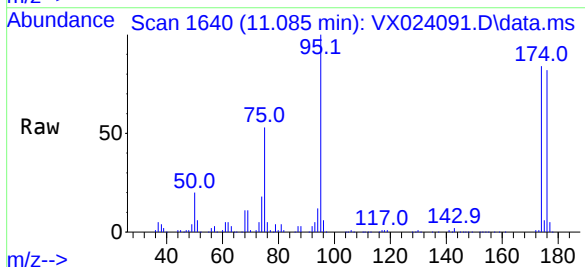
Instrument :
MSVOA_X
ClientSampled :

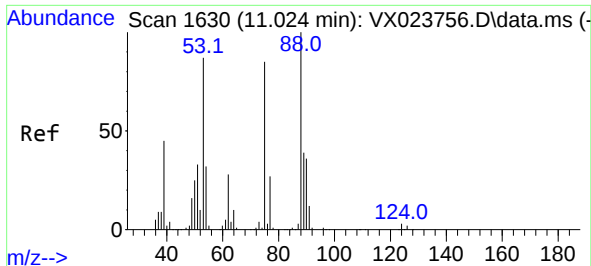
Tgt Ion:152 Resp: 93568
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.705 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Tgt Ion: 75 Resp: 58289
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

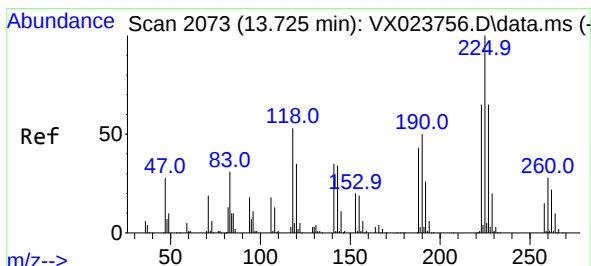
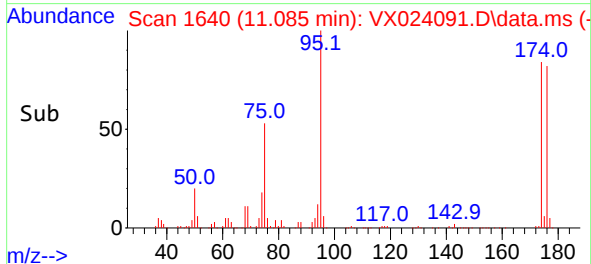
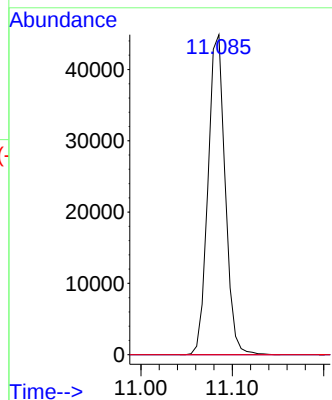
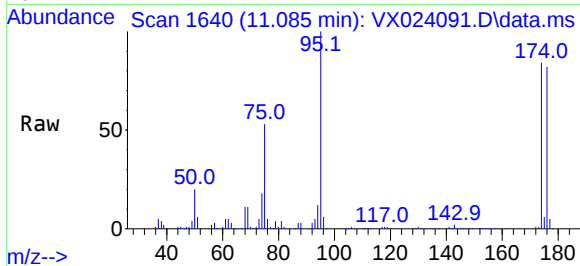




#81
trans-1,4-Dichloro-2-butene
Concen: 78.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

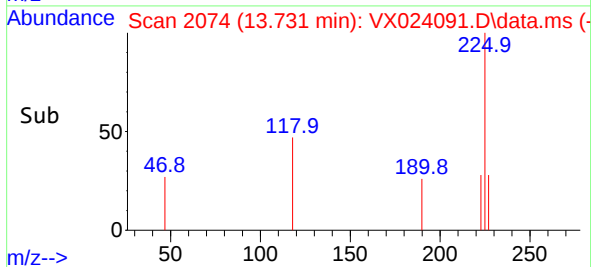
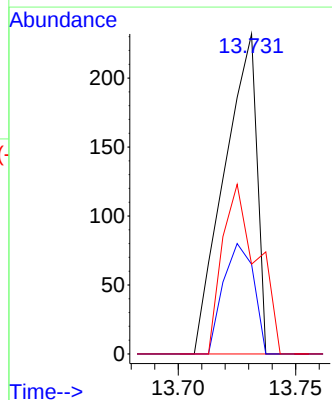
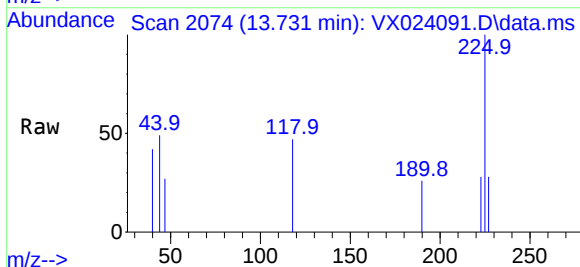
Instrument :
MSVOA_X
ClientSampled :

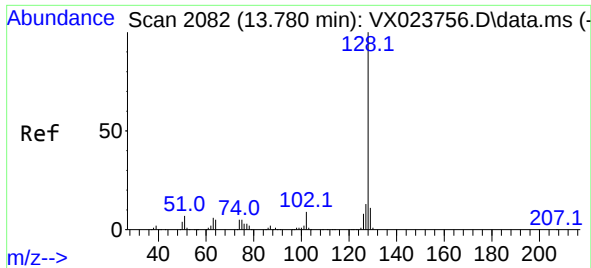
Tgt Ion: 75 Resp: 58289
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.271 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

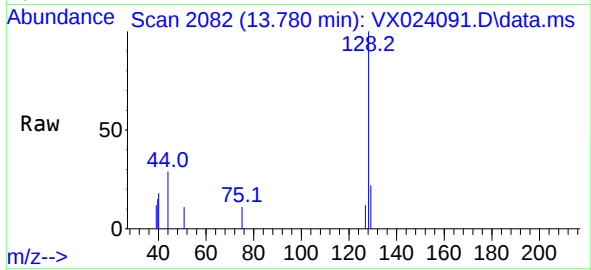
Tgt Ion: 225 Resp: 224
Ion Ratio Lower Upper
225 100
223 32.1 31.1 93.2
227 56.7 31.6 95.0





#95
Naphthalene
Concen: 1.382 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024091.D
Acq: 03 Sep 2021 09:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 698
Ion Ratio Lower Upper
128 100
127 9.3 10.3 15.5#
129 11.2 8.8 13.2

