

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023805.D
 Acq On : 18 Aug 2021 10:33
 Operator : JC/MD
 Sample : VX0817MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818MBL01

Quant Time: Aug 18 13:39:32 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)

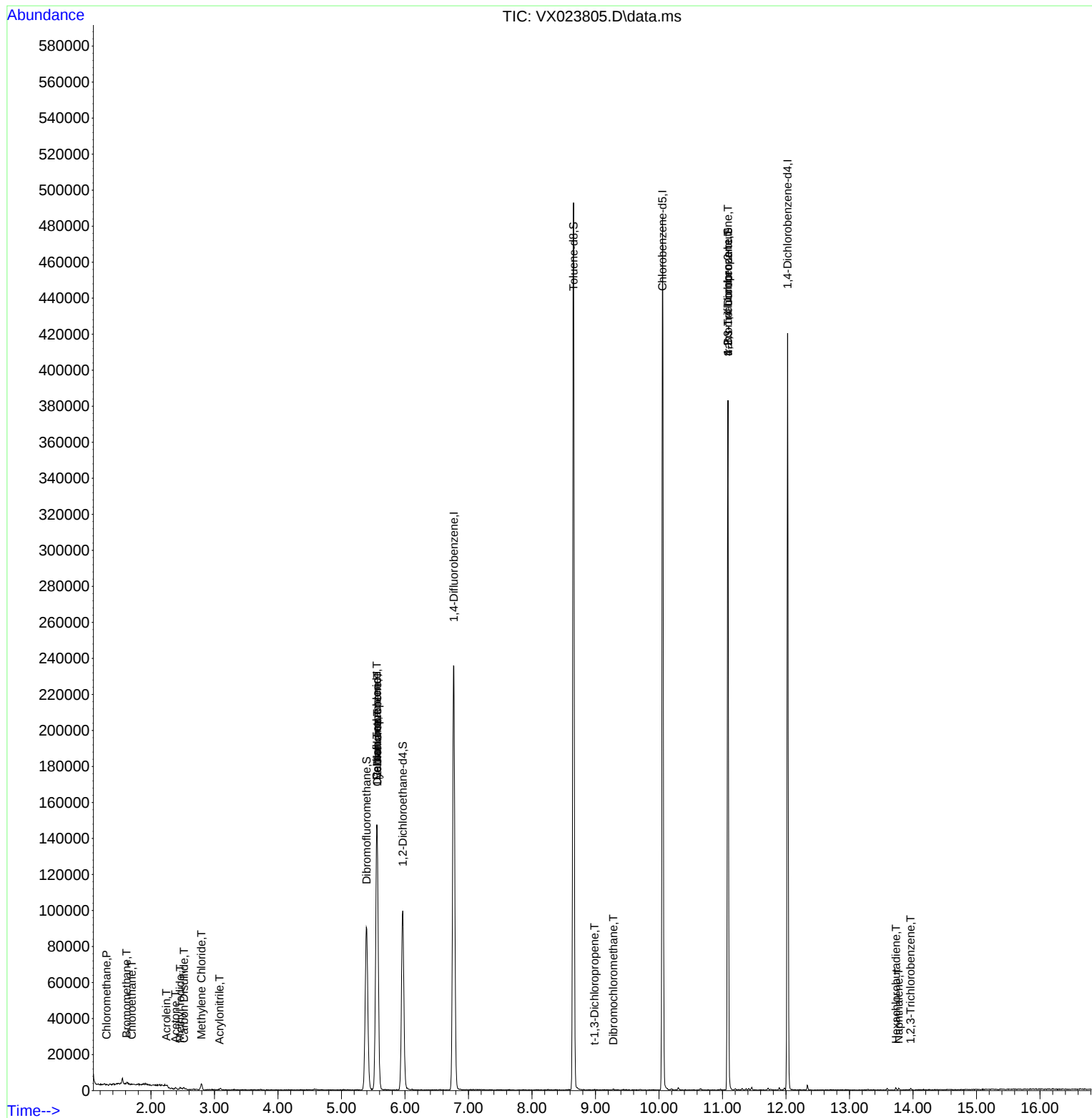
Internal Standards						
1) Pentafluorobenzene	5.556	168	140405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97570	49.791	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.580%		
35) Dibromofluoromethane	5.397	113	78574	49.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.160%		
50) Toluene-d8	8.653	98	286221	47.452	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.900%		
62) 4-Bromofluorobenzene	11.085	95	93189	41.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.940%		
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	348	0.214	ug/l	90
5) Bromomethane	1.618	94	711	0.713	ug/l	82
6) Chloroethane	1.697	64	67	2.266	ug/l #	43
10) Methyl Iodide	2.459	142	1074	0.547	ug/l #	79
13) Acrolein	2.239	56	63	0.267	ug/l #	4
15) Acrylonitrile	3.081	53	292	0.331	ug/l #	51
16) Acetone	2.386	43	882	1.007	ug/l #	77
17) Carbon Disulfide	2.520	76	1362	0.424	ug/l	100
20) Methylene Chloride	2.794	84	1460	0.872	ug/l #	81
31) Cyclohexane	5.562	56	3227	1.282	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11035	4.977	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14163	6.125	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	50	2.154	ug/l #	44
60) Dibromochloromethane	9.281	129	30	1.703	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	49741	26.297	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49741	77.354	ug/l #	12
94) Hexachlorobutadiene	13.731	225	285	0.398	ug/l #	76
95) Naphthalene	13.774	128	920	1.434	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.963	180	324	0.202	ug/l #	82

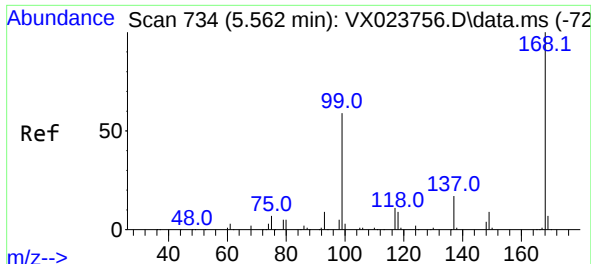
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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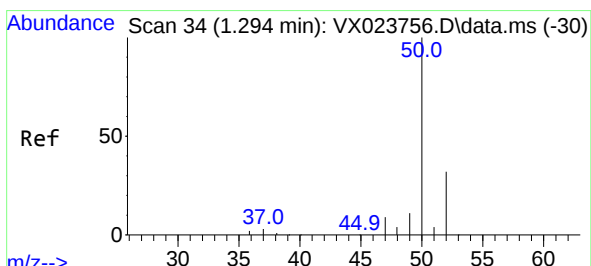
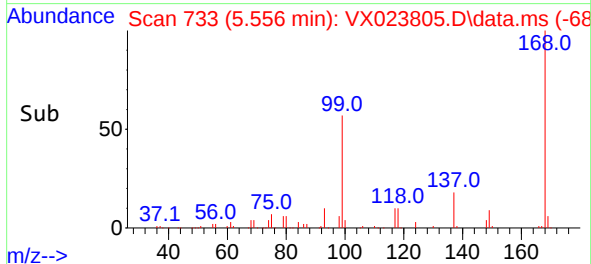
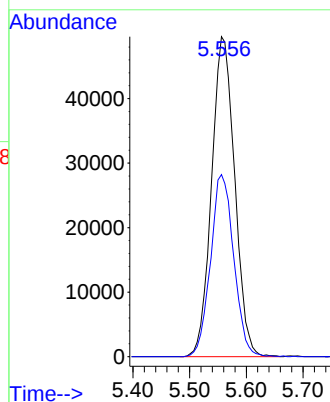
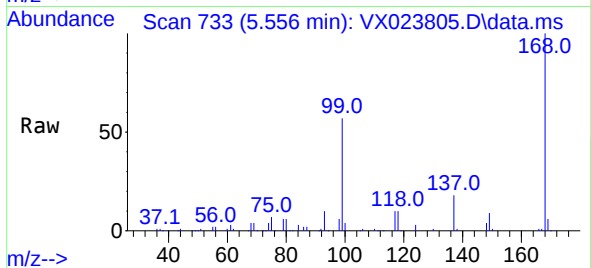




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

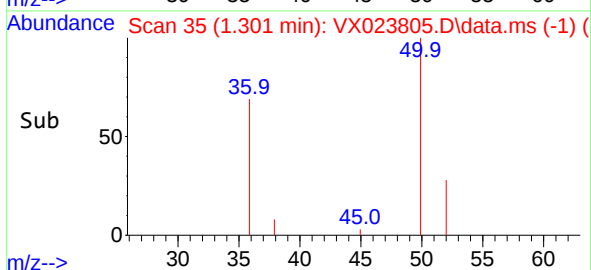
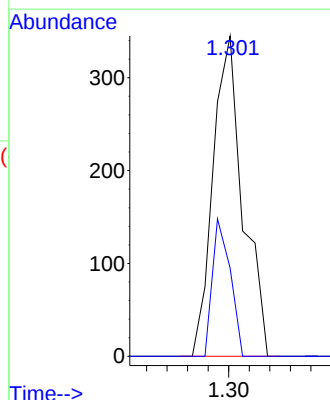
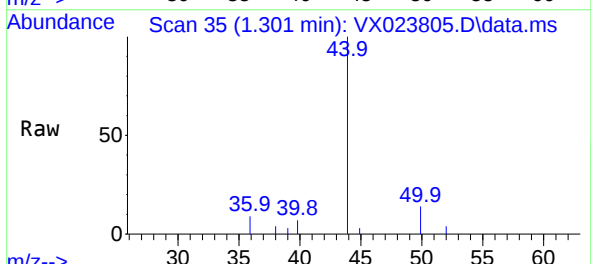
Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

Tgt Ion:168 Resp: 140405
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6

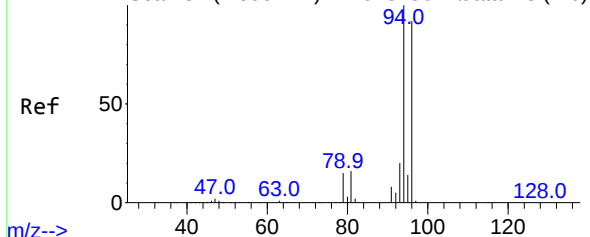


#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 27.5 26.4 39.6



Abundance Scan 84 (1.599 min): VX023756.D\data.ms (-76)

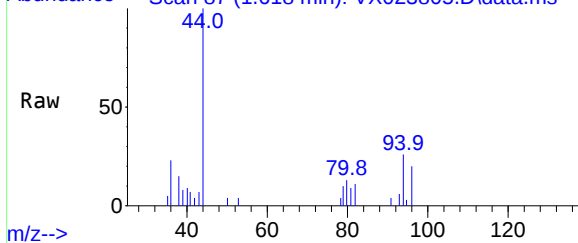


#5
Bromomethane
Concen: 0.713 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

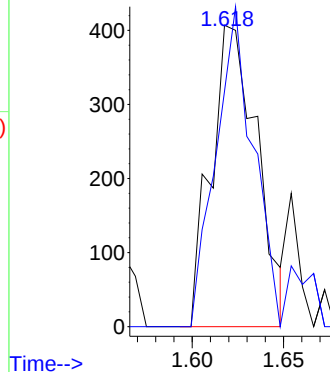
Tgt Ion: 94 Resp: 711
Ion Ratio Lower Upper
94 100
96 78.1 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

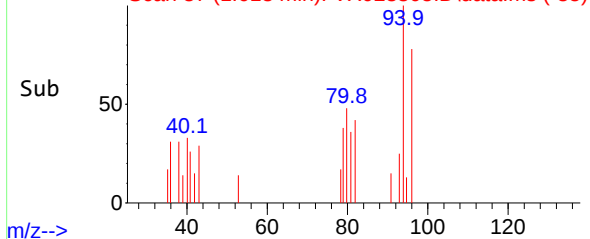
Abundance Scan 87 (1.618 min): VX023805.D\data.ms



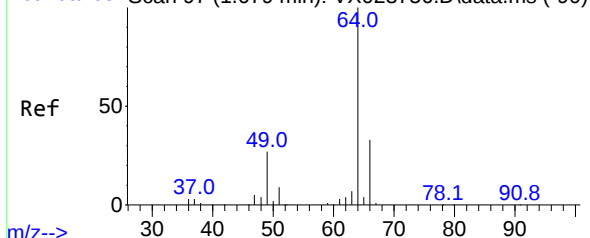
Abundance



Abundance Scan 87 (1.618 min): VX023805.D\data.ms (-35)



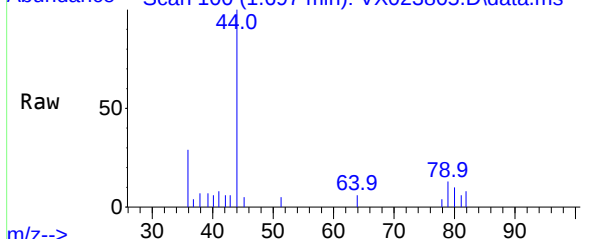
Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)



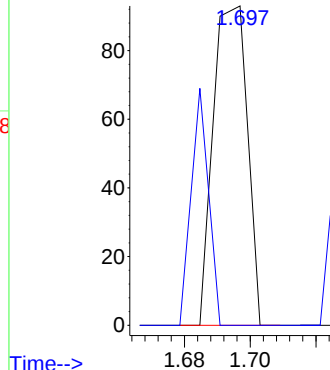
#6
Chloroethane
Concen: 2.266 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

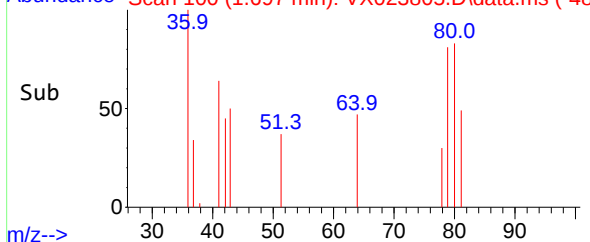
Abundance Scan 100 (1.697 min): VX023805.D\data.ms

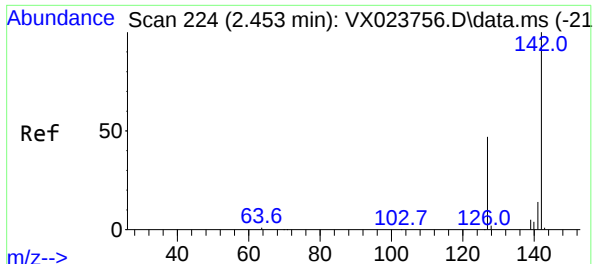


Abundance



Abundance Scan 100 (1.697 min): VX023805.D\data.ms (-48)

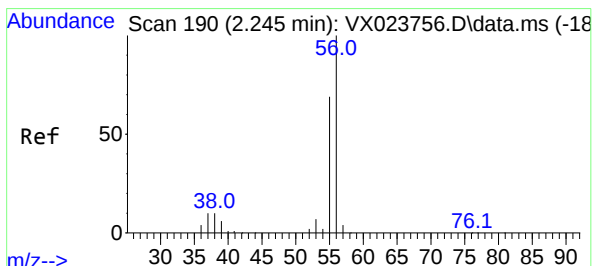
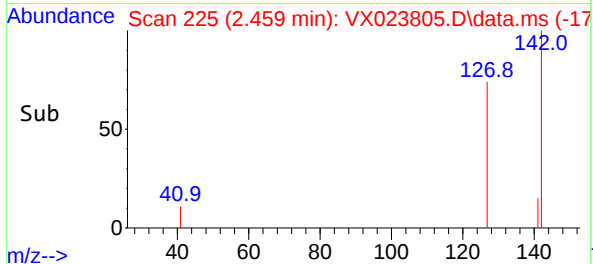
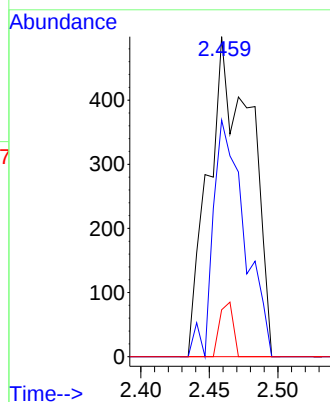
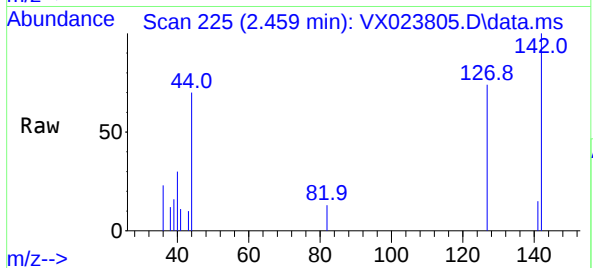




#10
Methyl Iodide
Concen: 0.547 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

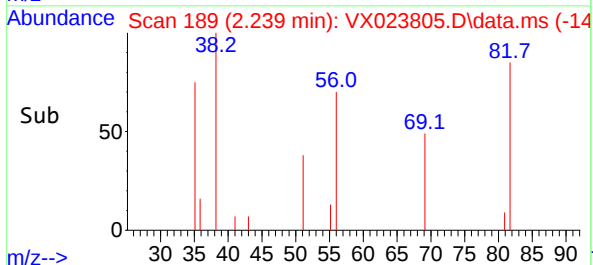
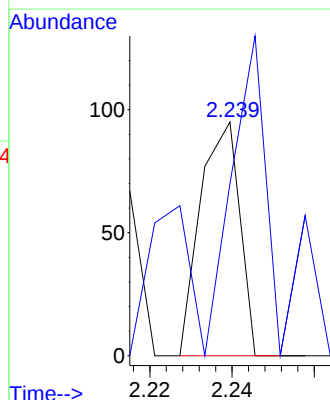
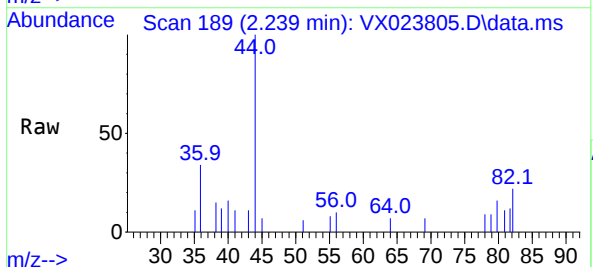
Instrument :
MSVOA_X
ClientSampled :
VX0818MBL01

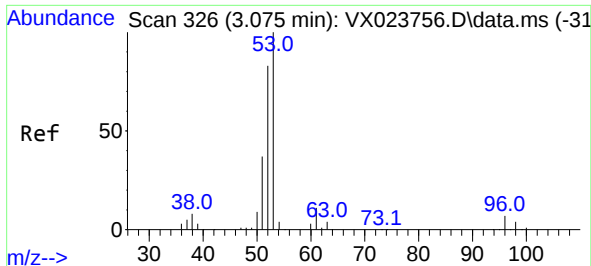
Tgt Ion:142 Resp: 1074
Ion Ratio Lower Upper
142 100
127 55.0 33.3 49.9#
141 5.4 11.4 17.0#



#13
Acrolein
Concen: 0.267 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 149.2 56.4 84.6#

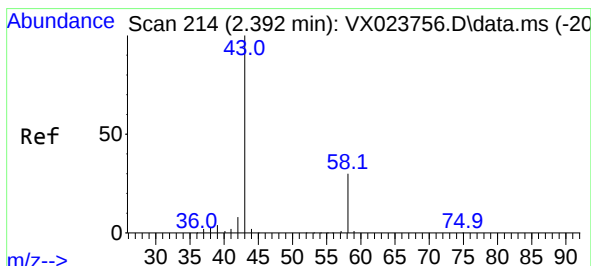
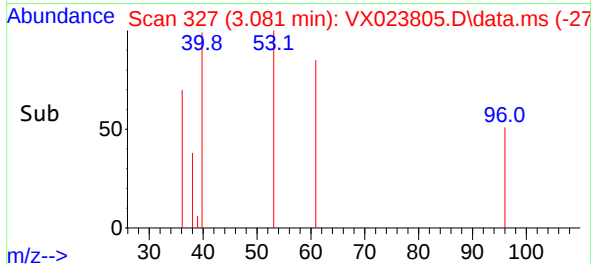
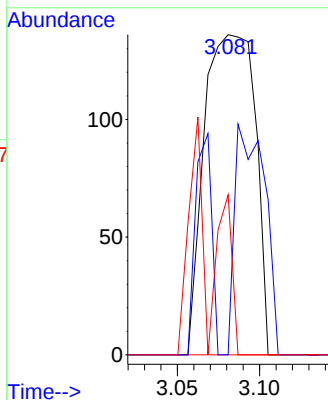
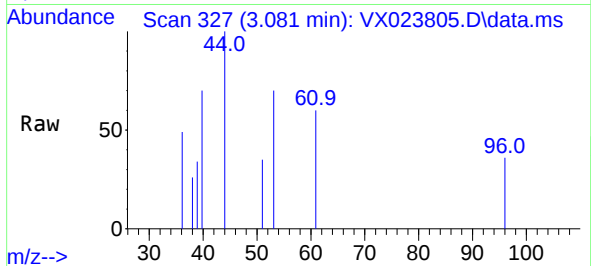




#15
Acrylonitrile
Concen: 0.331 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

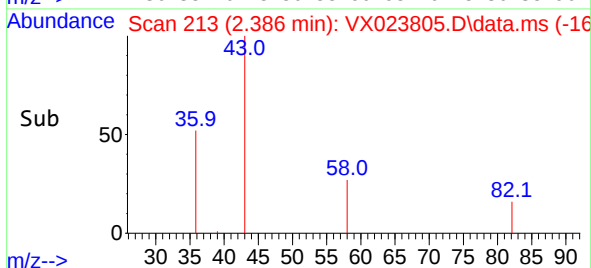
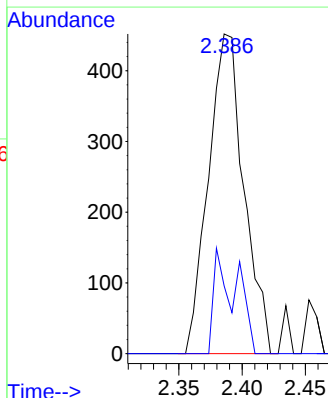
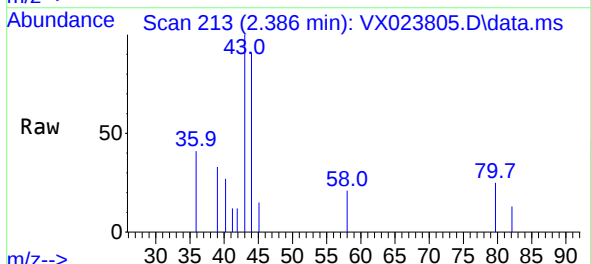
Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

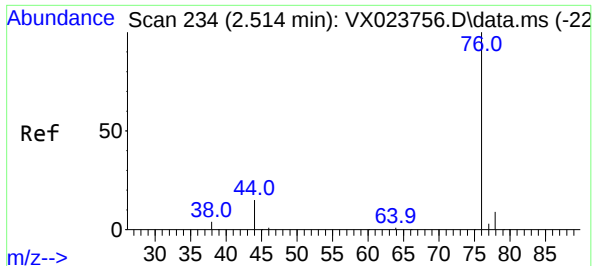
Tgt Ion: 53	Resp:	292
Ion	Ratio	Lower Upper
53	100	
52	42.5	65.3 97.9#
51	0.0	28.2 42.2#



#16
Acetone
Concen: 1.007 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 43	Resp:	882
Ion	Ratio	Lower Upper
43	100	
58	21.2	27.8 41.8#

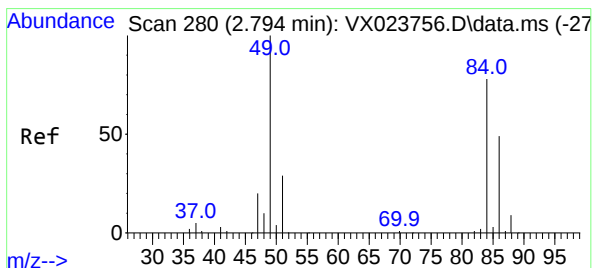
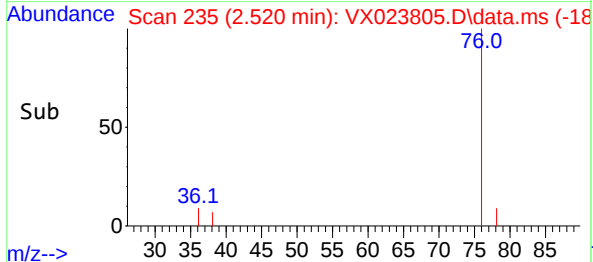
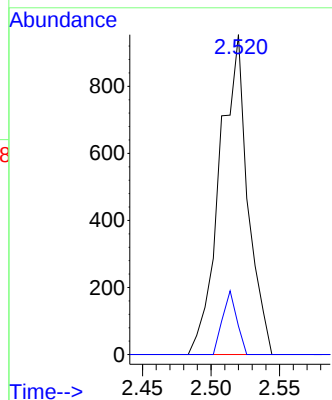
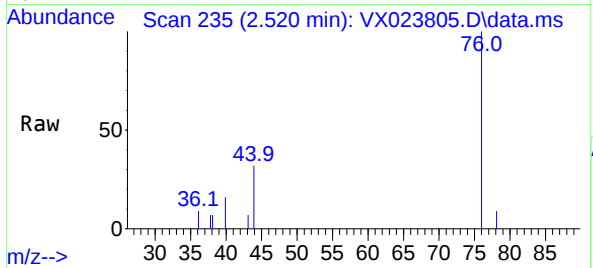




#17
Carbon Disulfide
Concen: 0.424 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

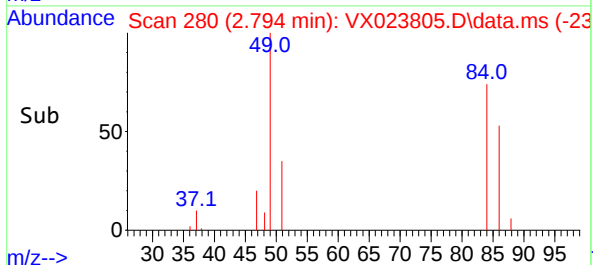
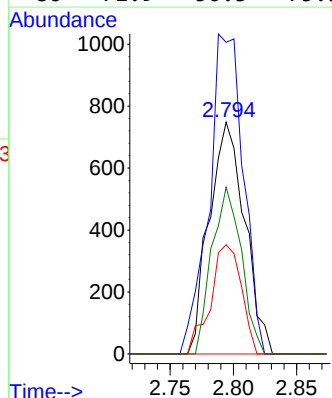
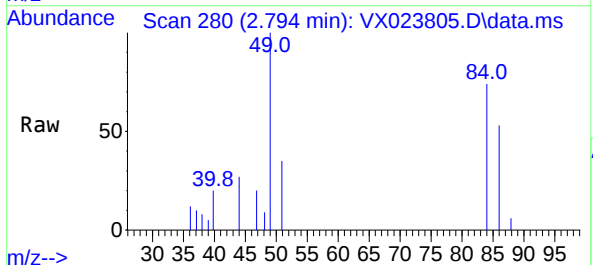
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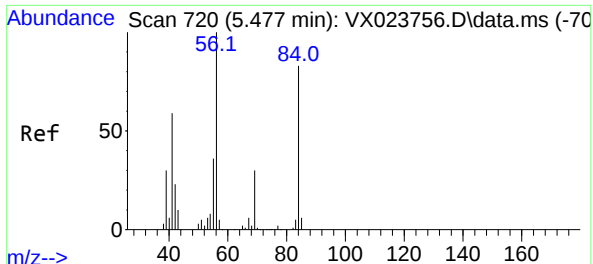
Tgt Ion: 76 Resp: 1362
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#20
Methylene Chloride
Concen: 0.872 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 84 Resp: 1460
Ion Ratio Lower Upper
84 100
49 134.5 88.6 132.8#
51 47.2 27.0 40.6#
86 71.9 50.3 75.5

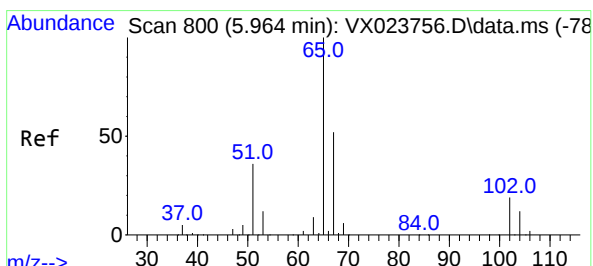
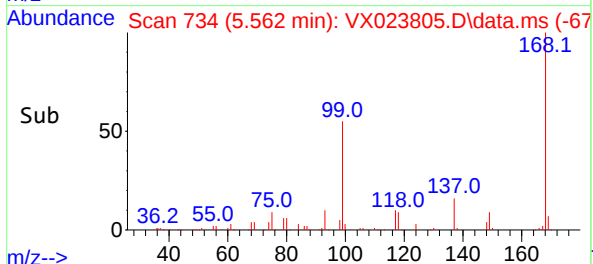
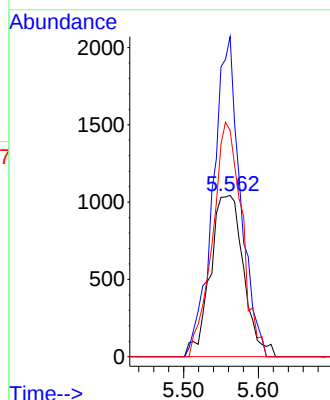
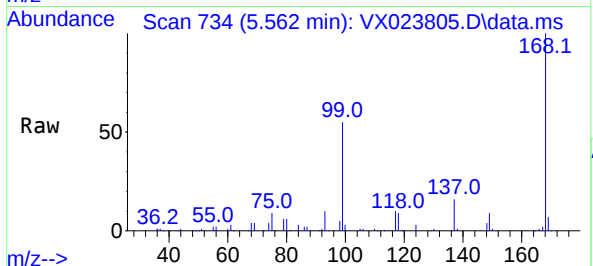




#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

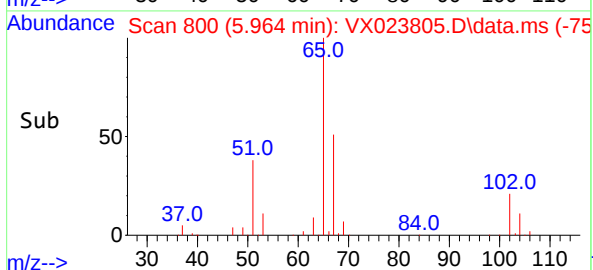
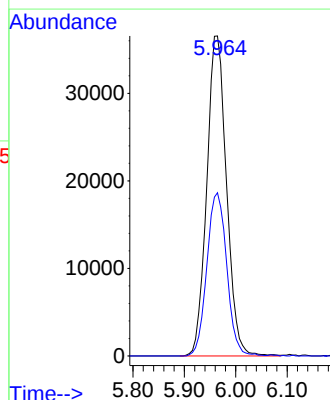
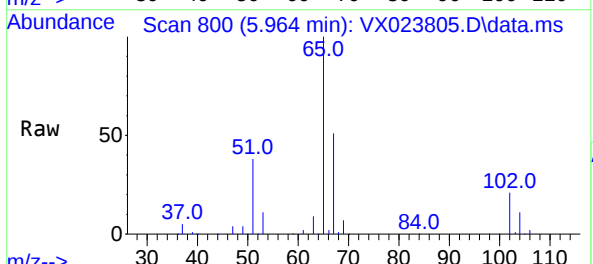
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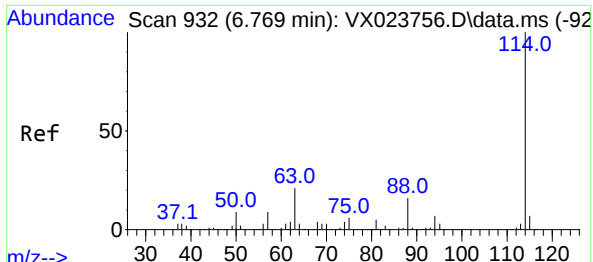
Tgt Ion: 56 Resp: 3227
Ion Ratio Lower Upper
56 100
69 198.5 25.3 37.9#
84 140.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.791 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 65 Resp: 97570
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

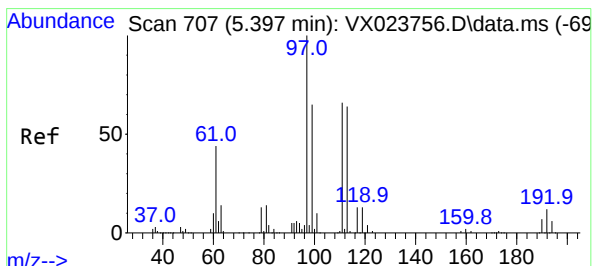
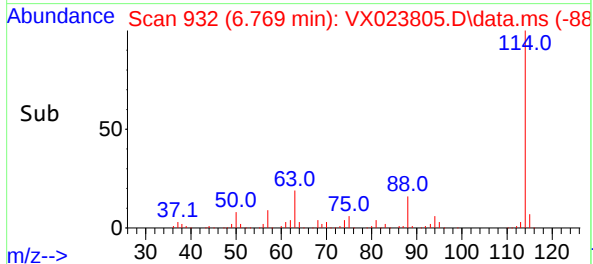
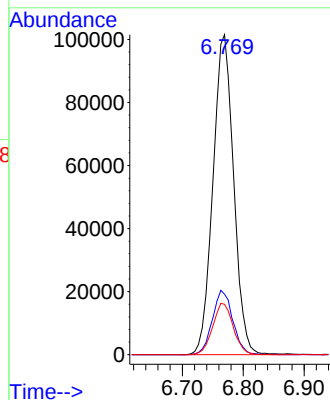
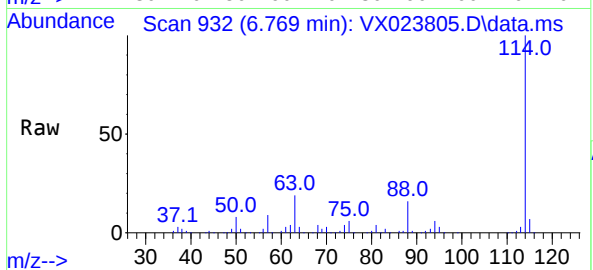




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

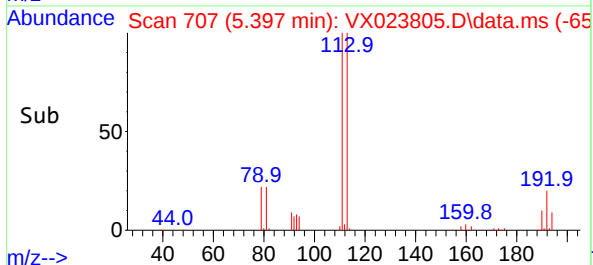
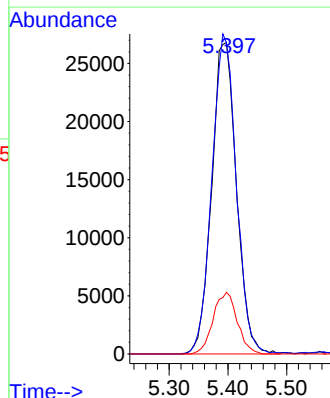
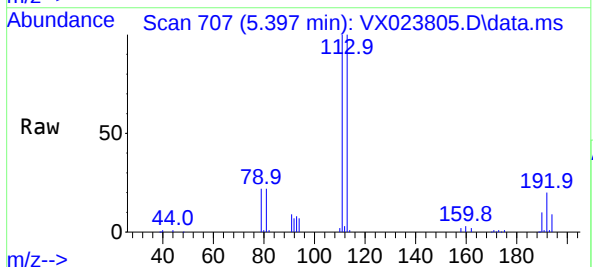
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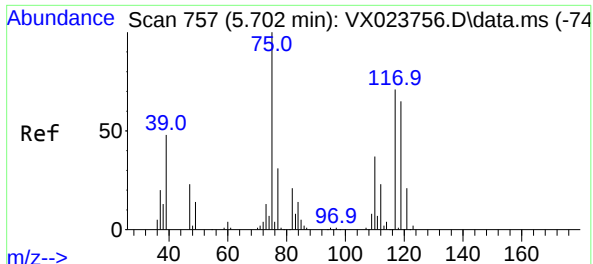
Tgt Ion:114 Resp: 239441
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.580 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion:113 Resp: 78574
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.2 16.7 25.1

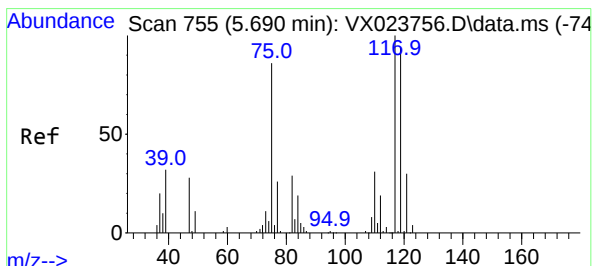
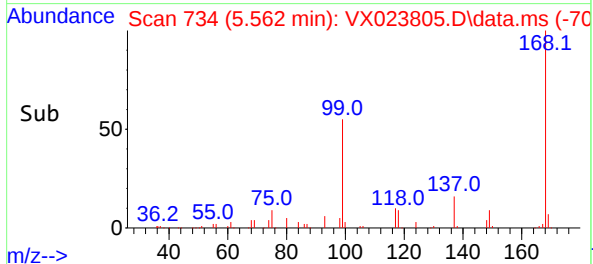
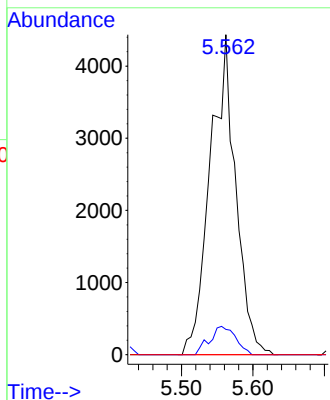
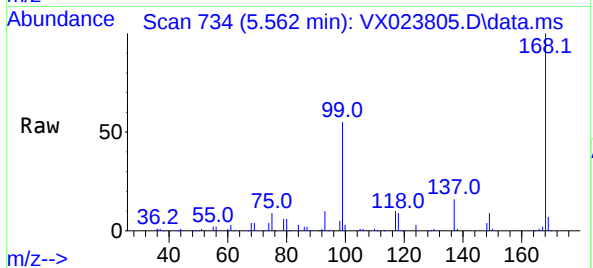




#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

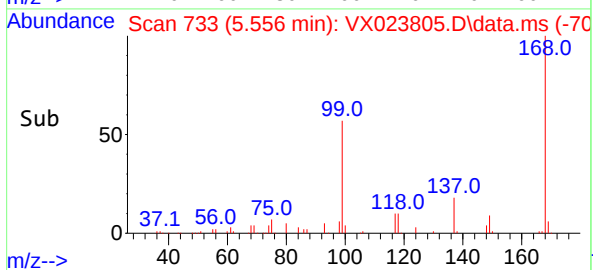
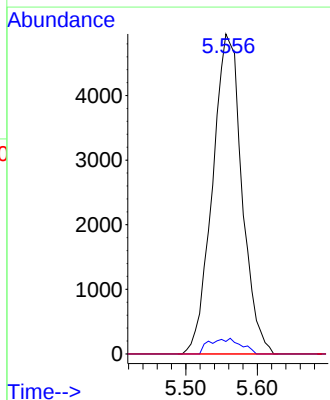
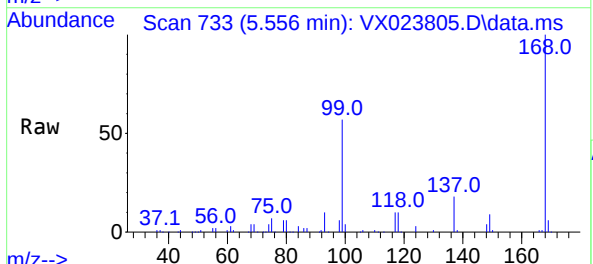
Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

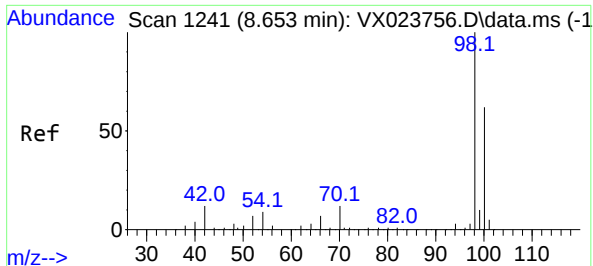
Tgt Ion: 75 Resp: 11035
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 117 Resp: 14163
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 47.452 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023805.D

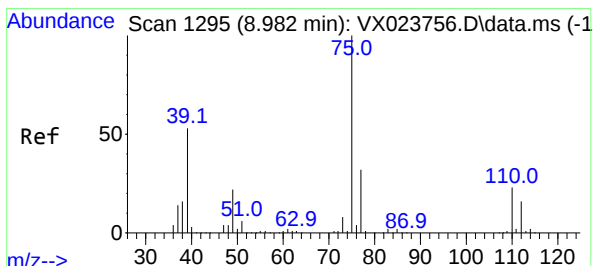
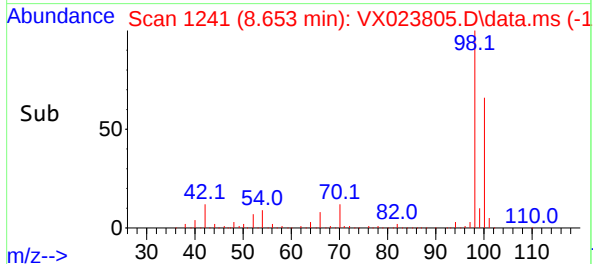
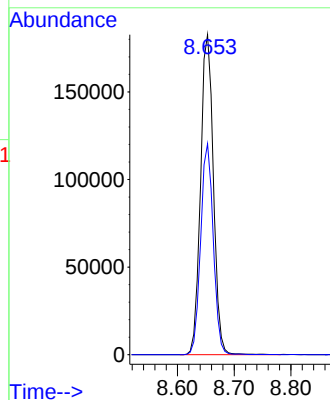
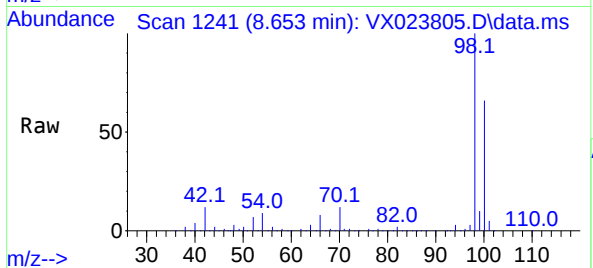
Acq: 18 Aug 2021 10:33

Tgt Ion: 98 Resp: 286221

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 2.154 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX023805.D

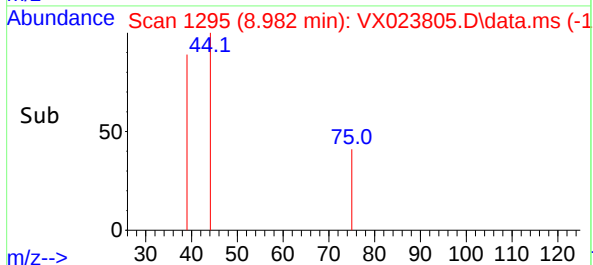
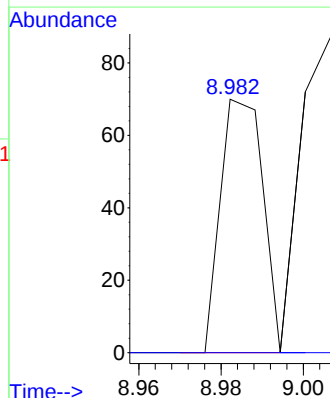
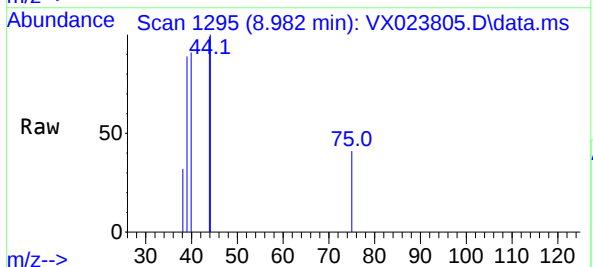
Acq: 18 Aug 2021 10:33

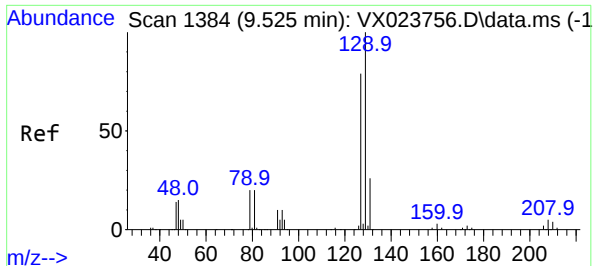
Tgt Ion: 75 Resp: 50

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.703 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023805.D

Acq: 18 Aug 2021 10:33

Instrument :

MSVOA_X

ClientSampled :

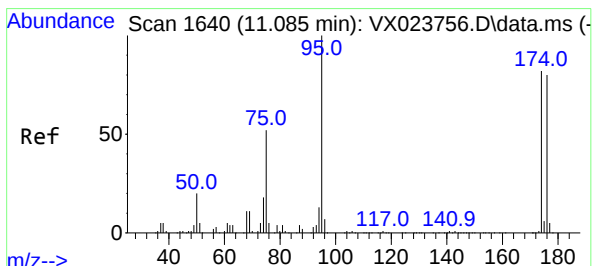
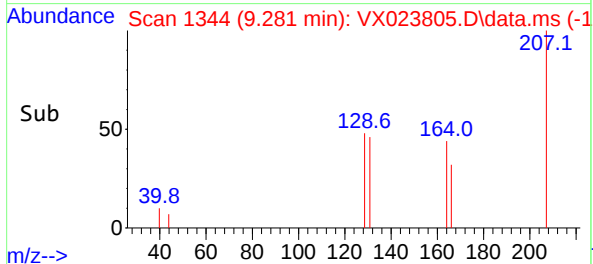
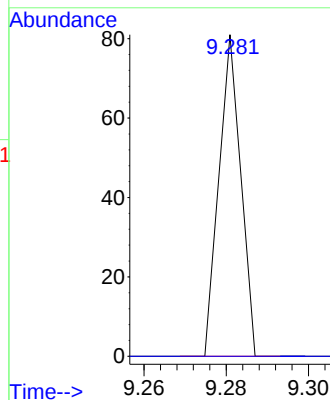
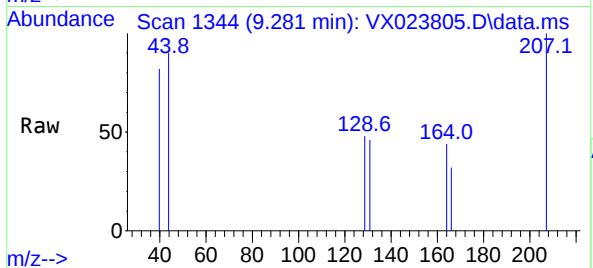
VX0818MBL01

Tgt Ion:129 Resp: 30

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 41.968 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023805.D

Acq: 18 Aug 2021 10:33

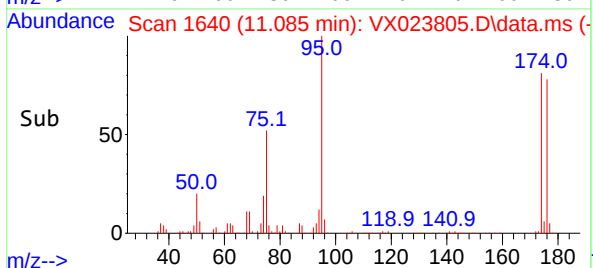
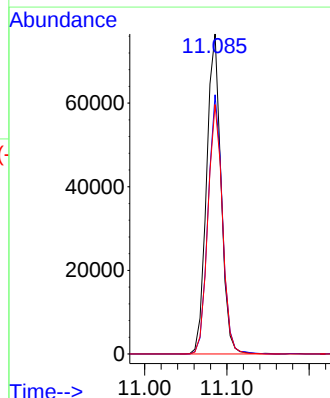
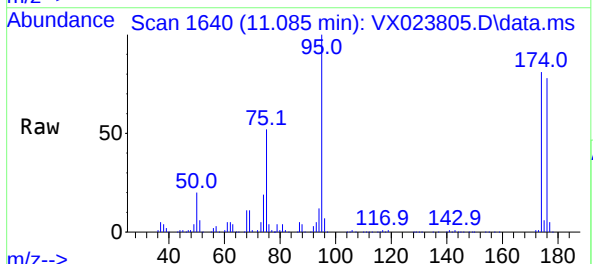
Tgt Ion: 95 Resp: 93189

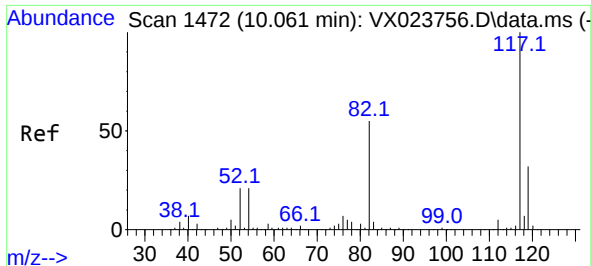
Ion Ratio Lower Upper

95 100

174 80.2 0.0 154.6

176 78.4 0.0 155.8

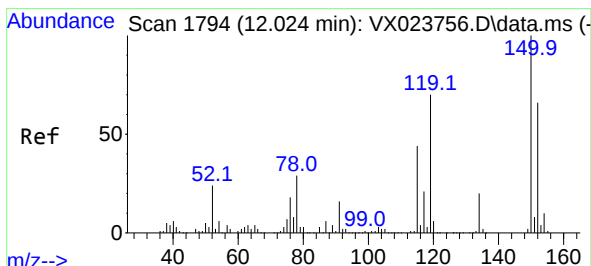
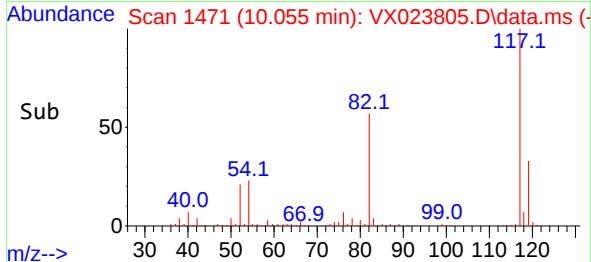
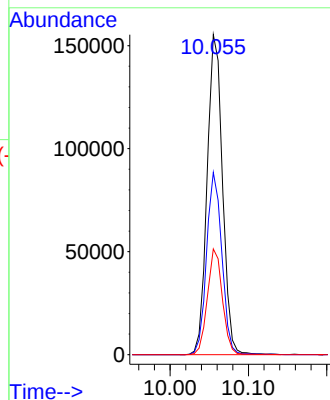
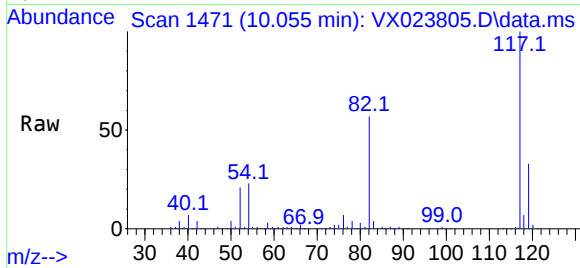




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

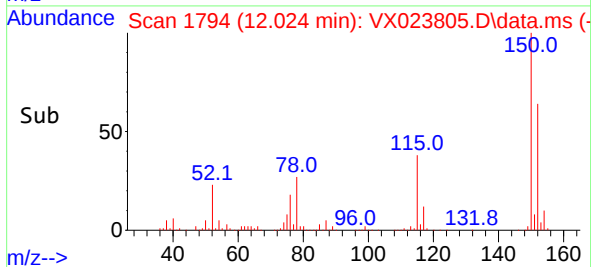
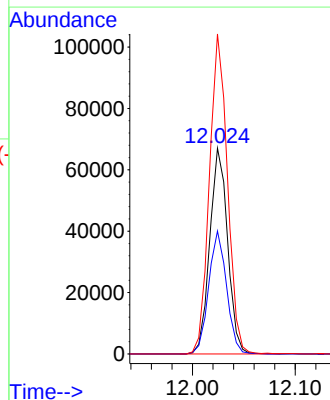
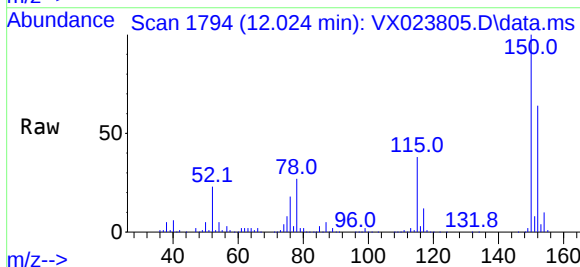
Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

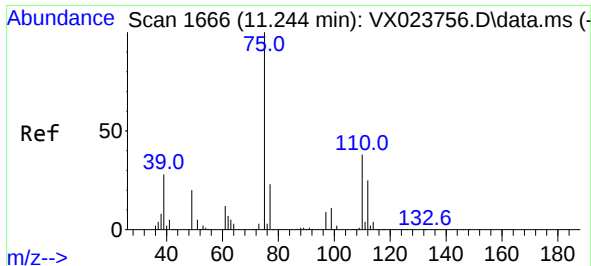
Tgt Ion:117 Resp: 211364
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion:152 Resp: 81085
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 157.1 0.0 349.0

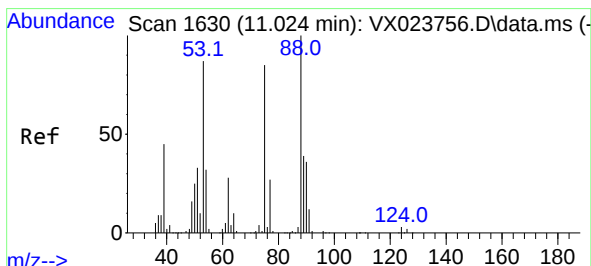
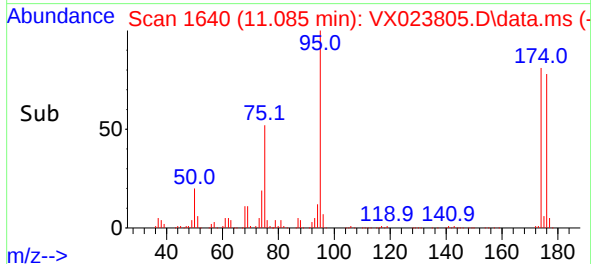
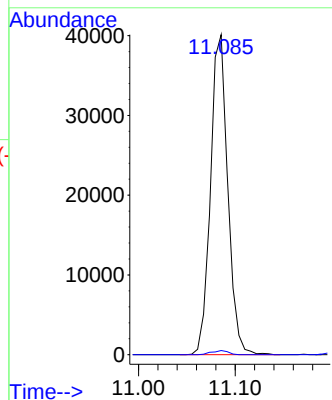
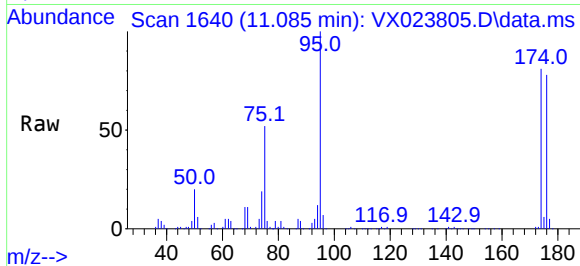




#76
1,2,3-Trichloropropane
Concen: 26.297 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

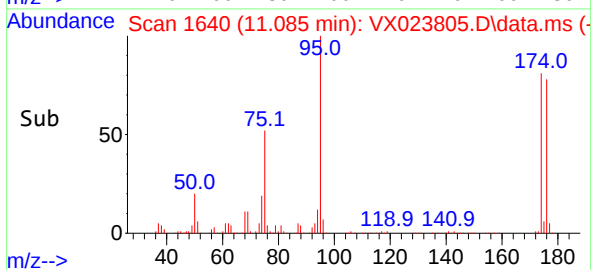
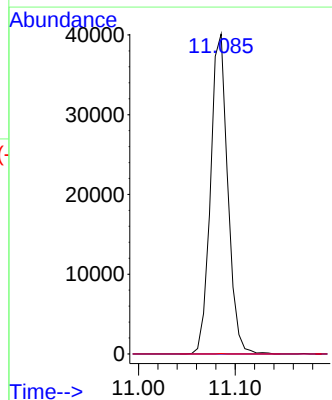
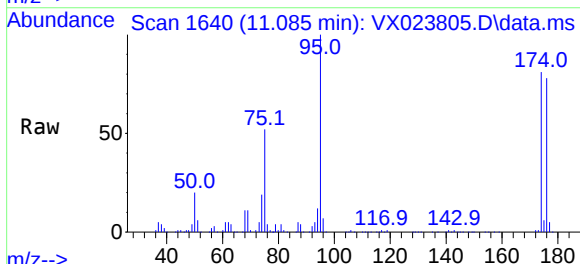
Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

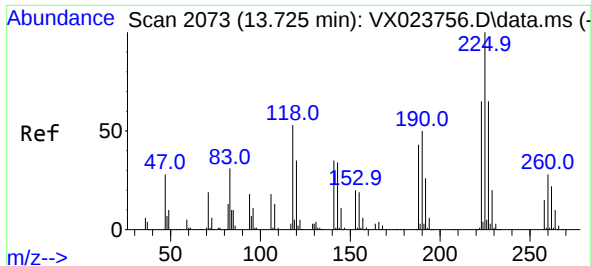
Tgt Ion: 75 Resp: 49741
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion: 75 Resp: 49741
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

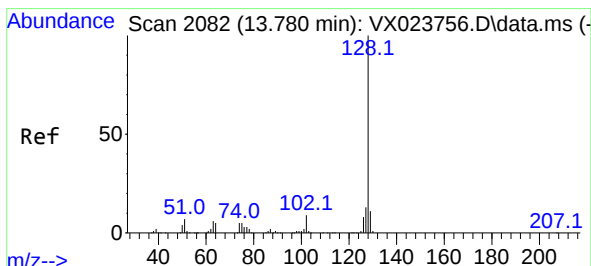
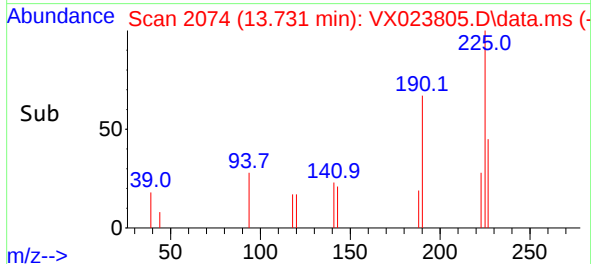
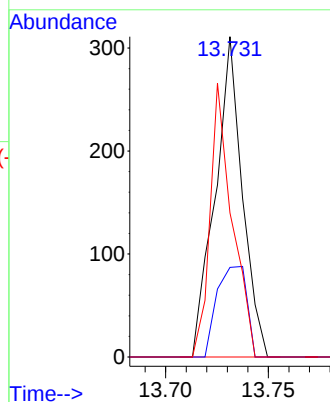
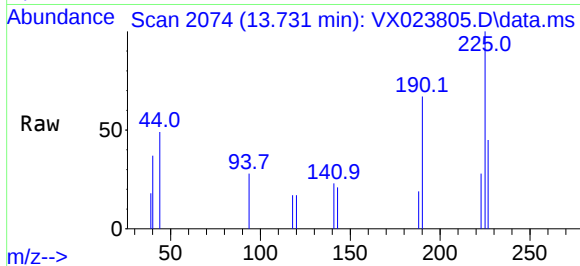




#94
Hexachlorobutadiene
Concen: 0.398 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

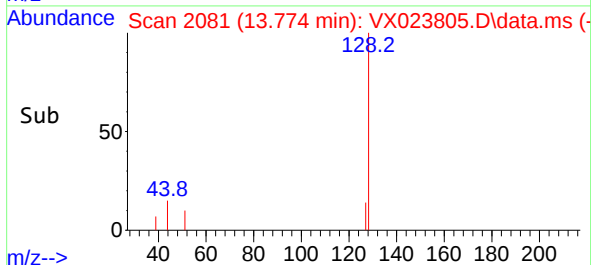
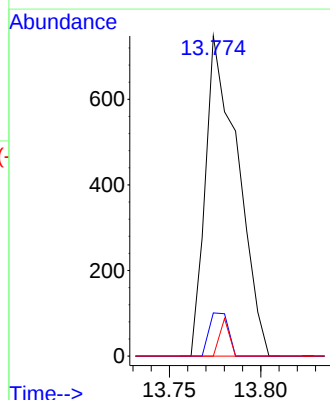
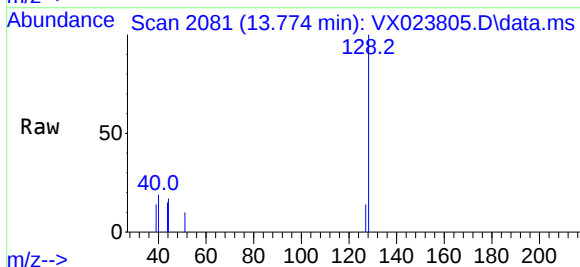
Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

Tgt Ion:225 Resp: 285
Ion Ratio Lower Upper
225 100
223 30.9 31.1 93.2#
227 69.8 31.6 95.0

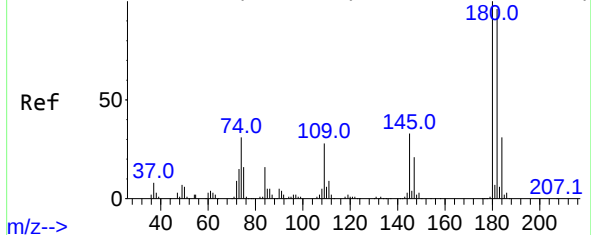


#95
Naphthalene
Concen: 1.434 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Tgt Ion:128 Resp: 920
Ion Ratio Lower Upper
128 100
127 7.9 10.3 15.5#
129 3.5 8.8 13.2#



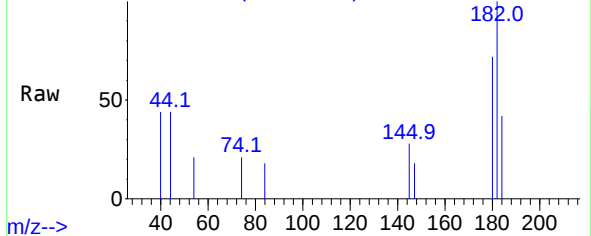
Abundance Scan 2112 (13.963 min): VX023756.D\data.ms (-



#96
1,2,3-Trichlorobenzene
Concen: 0.202 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023805.D
Acq: 18 Aug 2021 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0818MBL01

Abundance Scan 2112 (13.963 min): VX023805.D\data.ms



Tgt Ion:180 Resp: 324
Ion Ratio Lower Upper
180 100
182 105.2 47.6 142.9
145 10.2 16.1 48.3#

Abundance Scan 2112 (13.963 min): VX023805.D\data.ms (-

