

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023188.D
 Acq On : 08 Jul 2021 10:37
 Operator : JC/MD
 Sample : VX0708WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

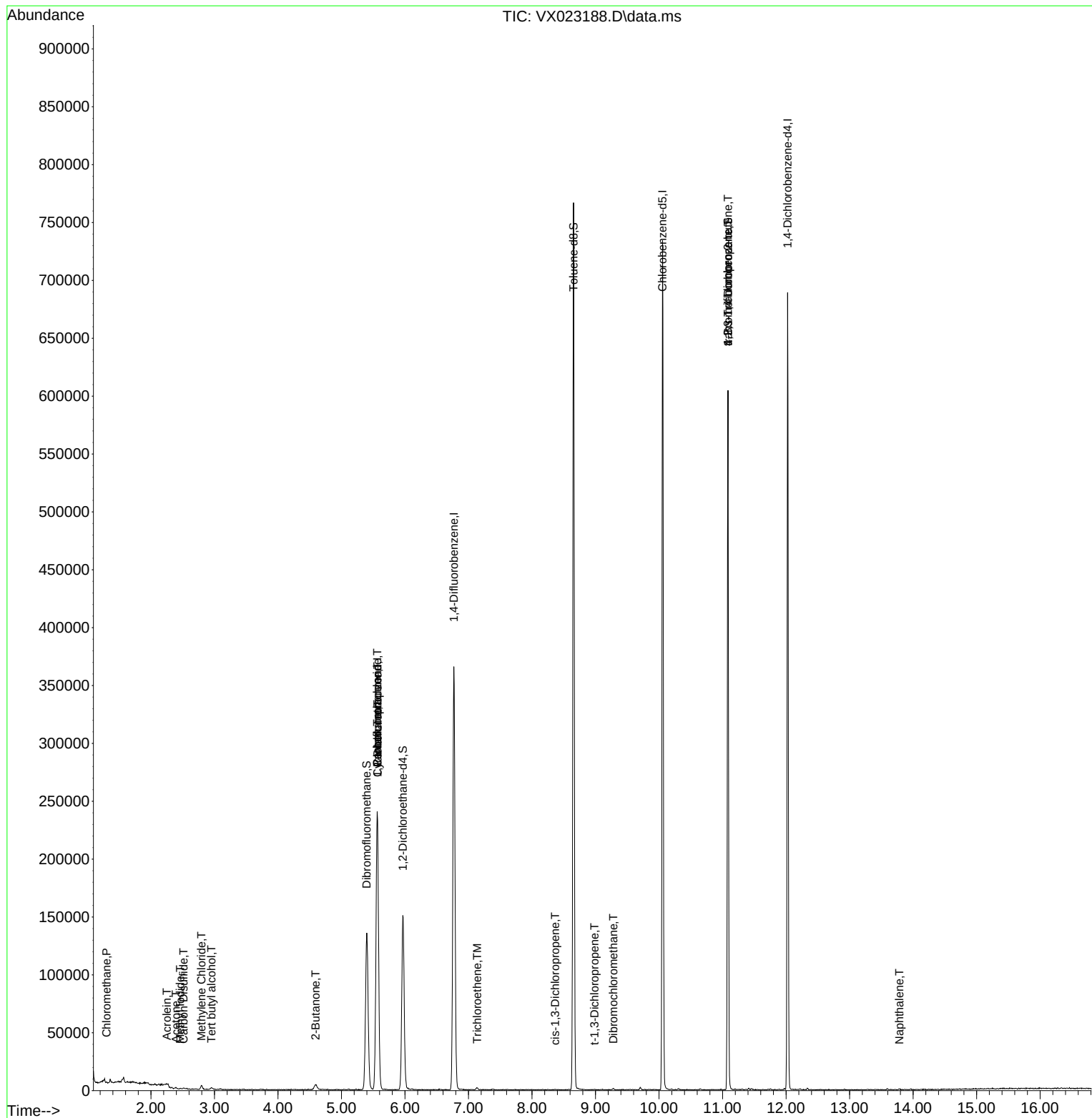
Internal Standards						
1) Pentafluorobenzene	5.562	168	223340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	367584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152589	50.834	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.660%	
35) Dibromofluoromethane	5.397	113	114948	48.426	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.860%	
50) Toluene-d8	8.653	98	438403	49.512	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.020%	
62) 4-Bromofluorobenzene	11.085	95	155671	45.540	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	443	0.221	ug/l	92
5) Bromomethane	1.617	94	669	Below Cal	#	70
10) Methyl Iodide	2.459	142	662	0.250	ug/l #	87
11) Tert butyl alcohol	2.953	59	1194	1.891	ug/l #	73
13) Acrolein	2.251	56	315	0.749	ug/l	83
16) Acetone	2.392	43	1284	1.081	ug/l #	83
17) Carbon Disulfide	2.514	76	1017	0.242	ug/l #	91
20) Methylene Chloride	2.794	84	1652	0.646	ug/l	91
25) 2-Butanone	4.593	43	455	0.254	ug/l #	45
31) Cyclohexane	5.568	56	5165	1.437	ug/l #	36
36) 1,1-Dichloropropene	5.568	75	17917	5.468	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23509	6.873	ug/l #	15
44) Trichloroethene	7.135	130	723	0.268	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	70	2.753	ug/l #	44
54) cis-1,3-Dichloropropene	8.366	75	31	2.180	ug/l #	36
60) Dibromochloromethane	9.281	129	193	3.175	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	79900	28.720	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	79900	77.318	ug/l #	12
95) Naphthalene	13.786	128	752	1.347	ug/l #	83

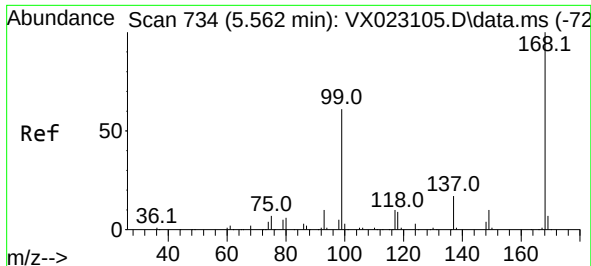
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX023188.D
Acq On : 08 Jul 2021 10:37
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 09 02:08:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

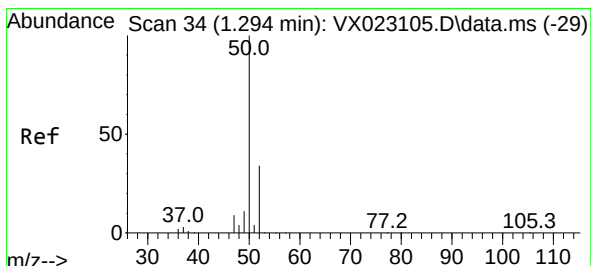
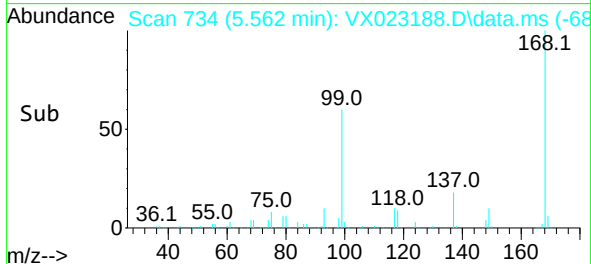
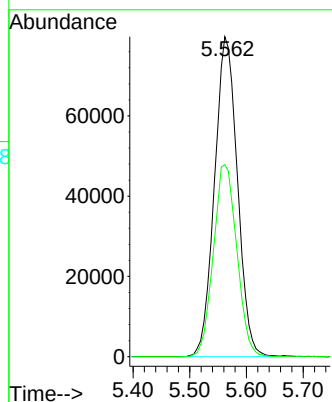
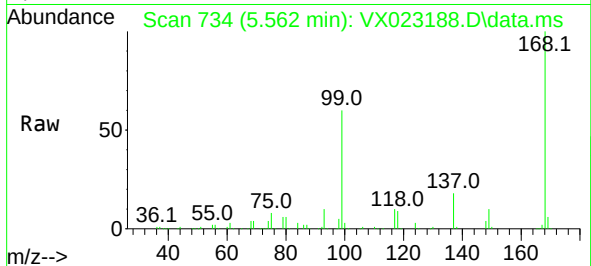




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

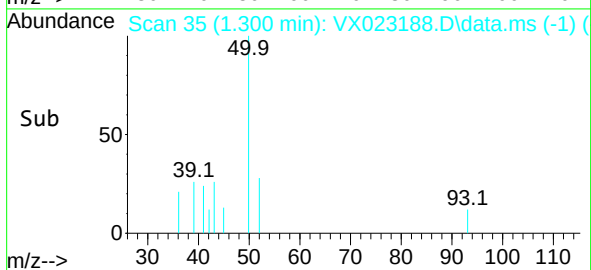
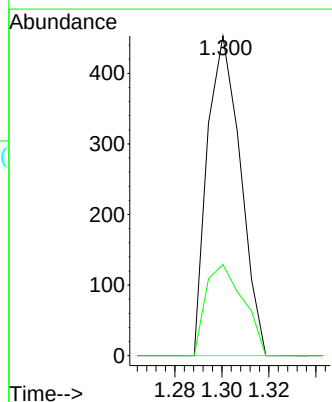
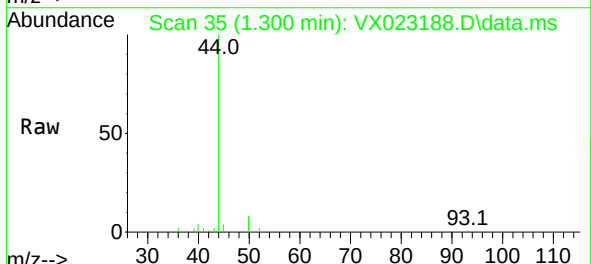
Instrument :
MSVOA_X
ClientSampled :

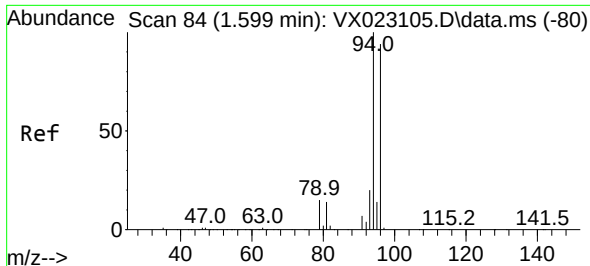
Tgt Ion:168 Resp: 223340
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 28.5 26.4 39.6

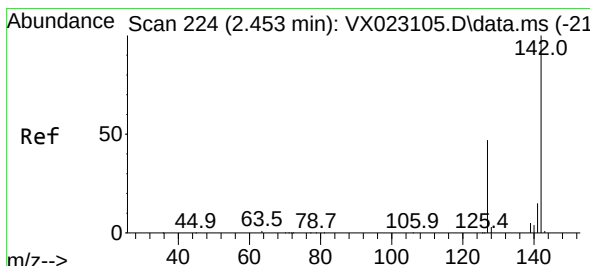
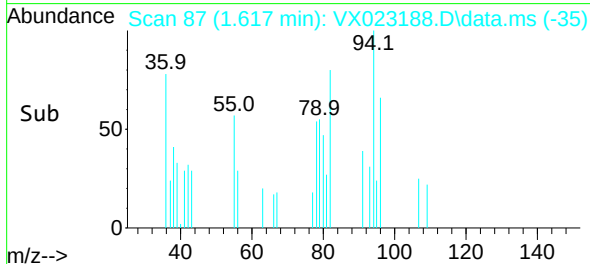
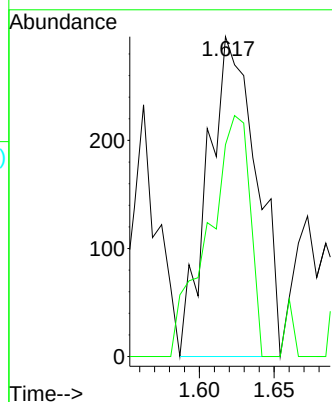
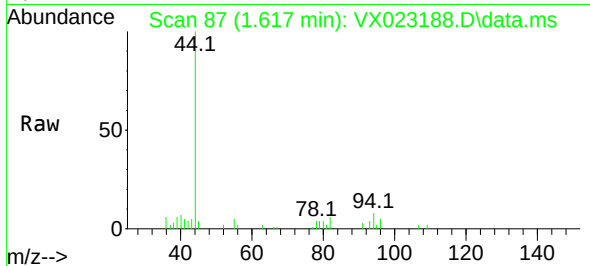




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

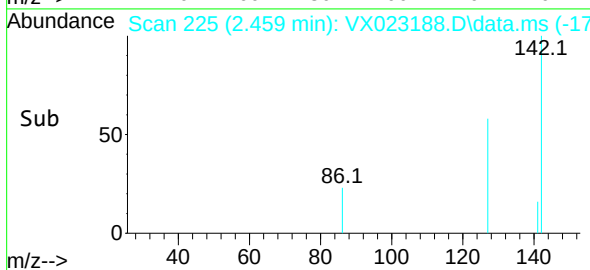
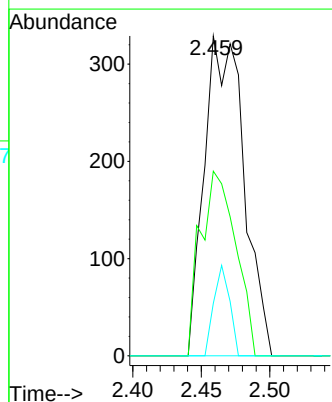
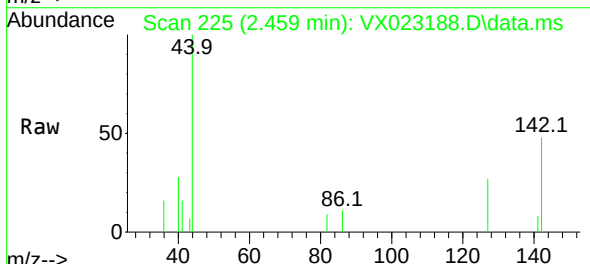
Instrument :
MSVOA_X
ClientSampled :

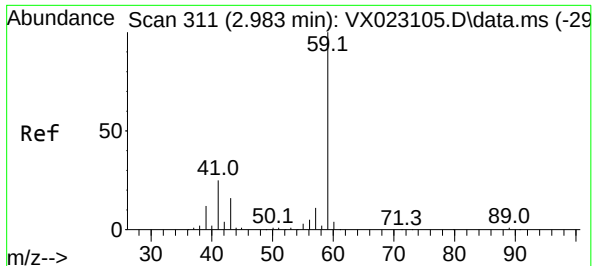
Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 66.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.250 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion: 142 Resp: 662
Ion Ratio Lower Upper
142 100
127 51.4 33.3 49.9#
141 11.2 11.4 17.0#

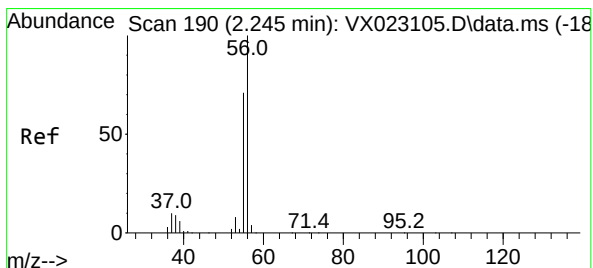
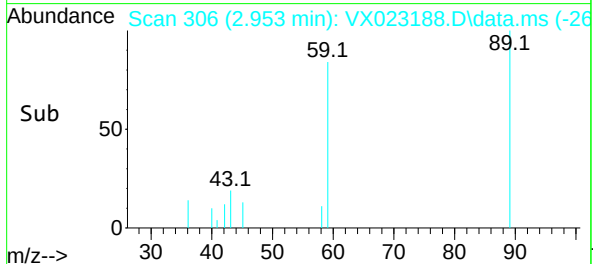
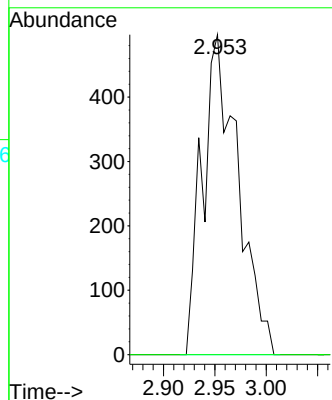
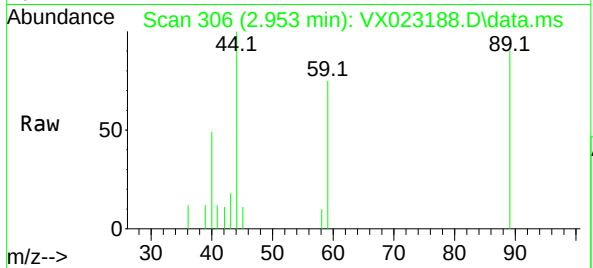




#11
Tert butyl alcohol
Concen: 1.891 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

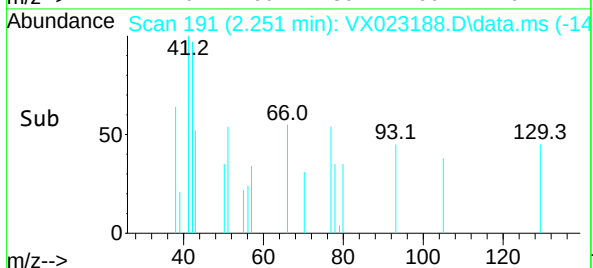
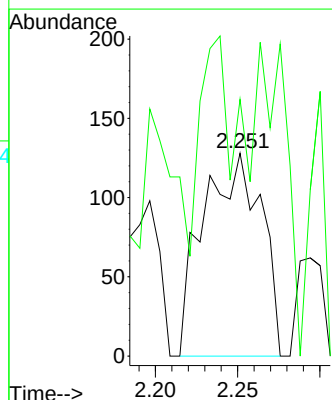
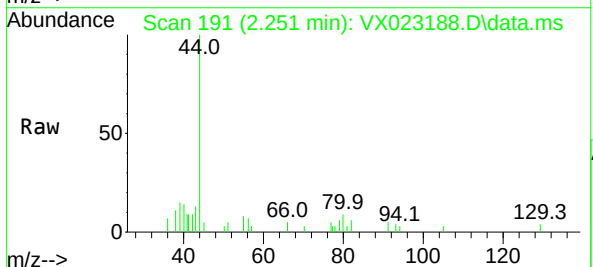
Instrument :
MSVOA_X
ClientSampled :

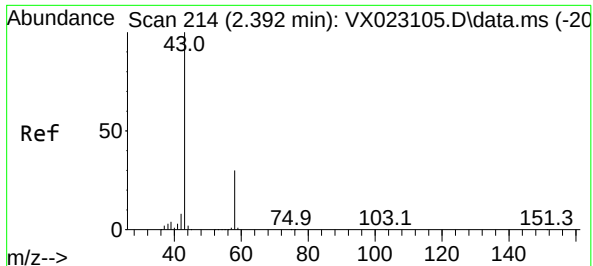
Tgt Ion: 59 Resp: 1194
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.749 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion: 56 Resp: 315
Ion Ratio Lower Upper
56 100
55 56.5 56.4 84.6

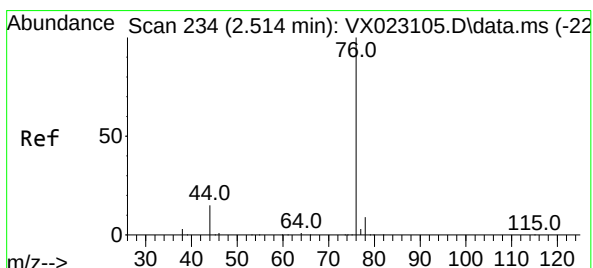
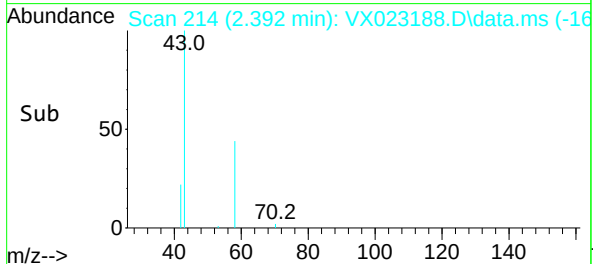
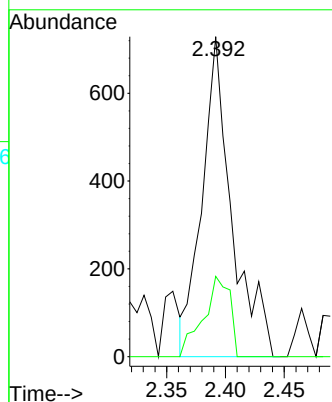
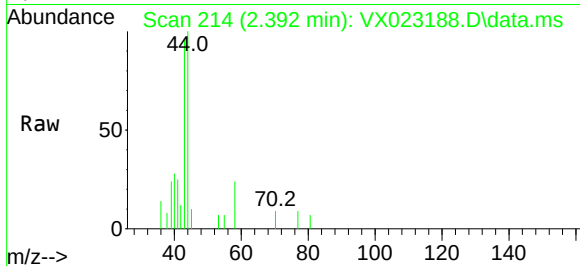




#16
Acetone
Concen: 1.081 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

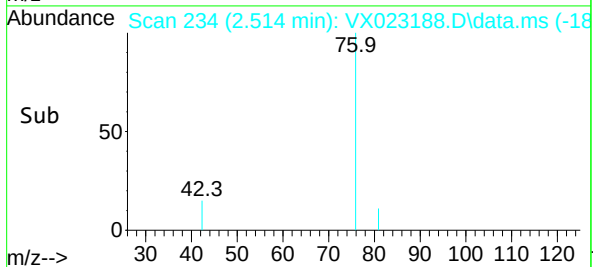
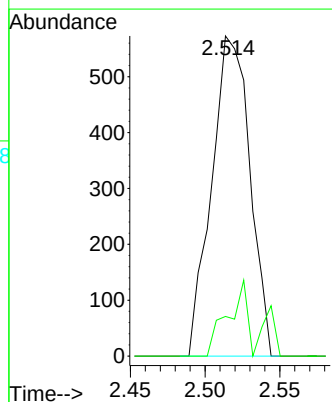
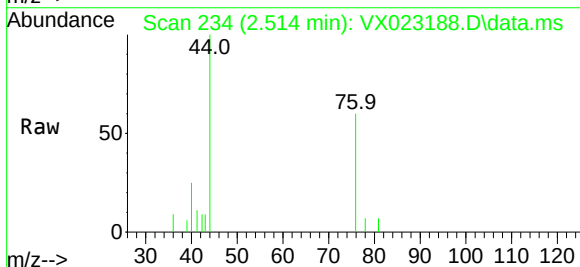
Instrument :
MSVOA_X
ClientSampled :

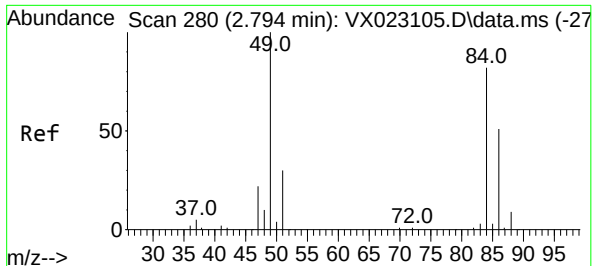
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

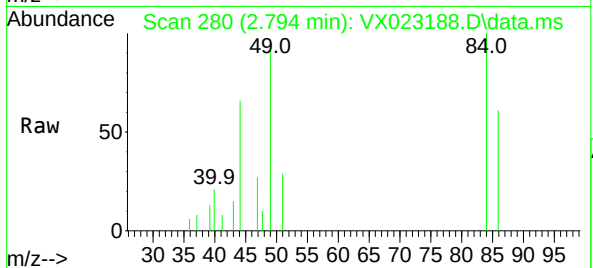
Tgt Ion: 76 Resp: 1017
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#



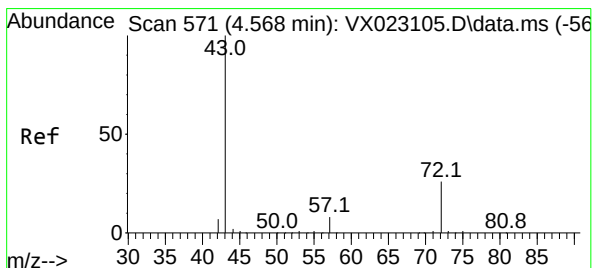
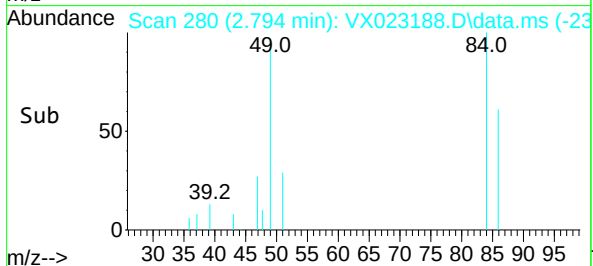
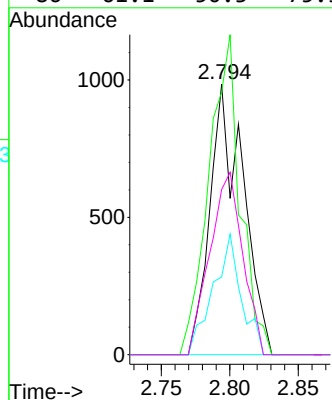


#20
Methylene Chloride
Concen: 0.646 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Instrument :
MSVOA_X
ClientSampled :

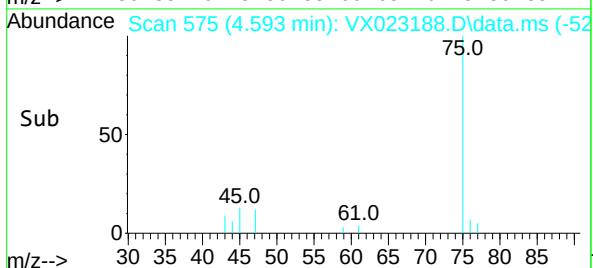
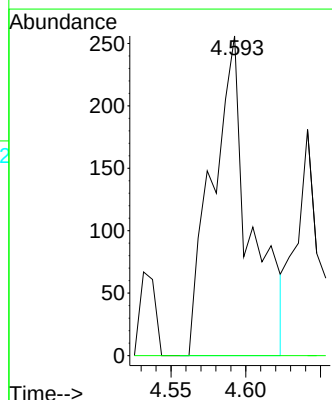
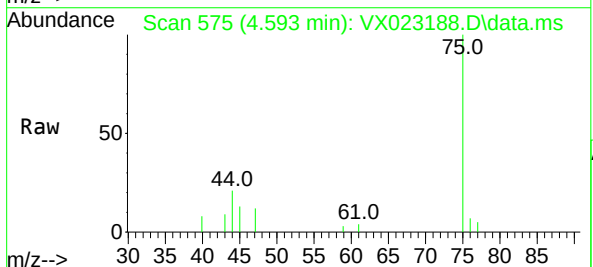


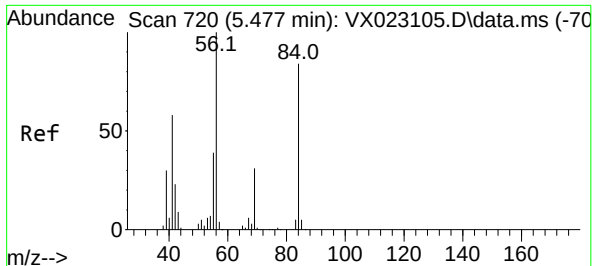
Tgt Ion:	84	Resp:	1652
Ion	Ratio	Lower	Upper
84	100		
49	97.2	88.6	132.8
51	28.8	27.0	40.6
86	61.1	50.3	75.5



#25
2-Butanone
Concen: 0.254 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

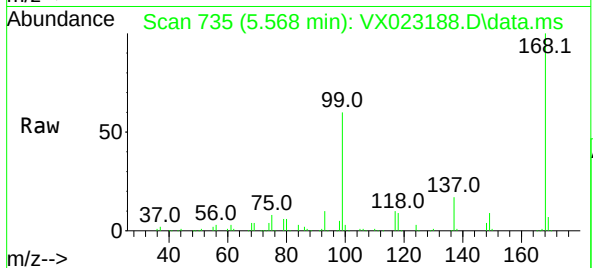
Tgt Ion:	43	Resp:	455
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



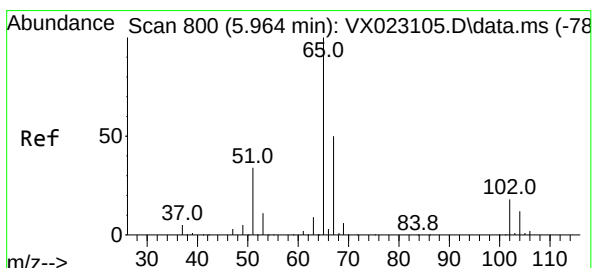
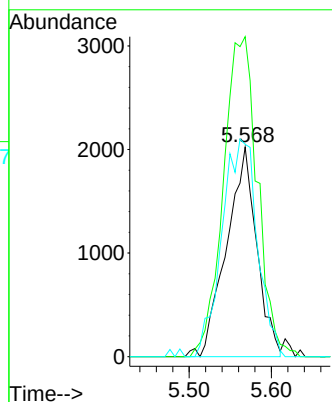
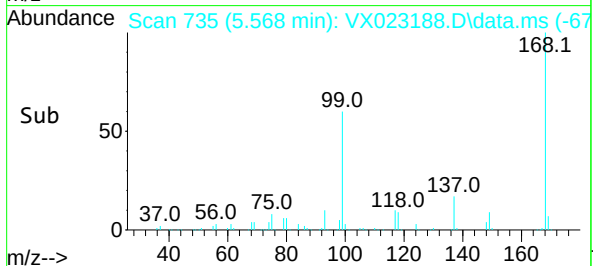


#31
Cyclohexane
Concen: 1.437 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

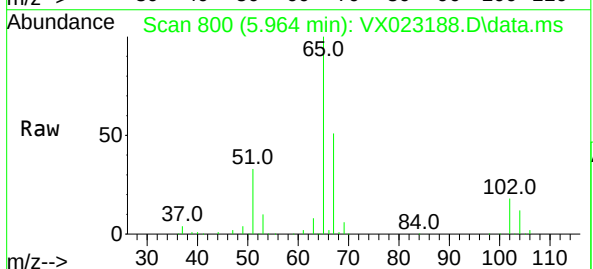
Instrument :
MSVOA_X
ClientSampled :



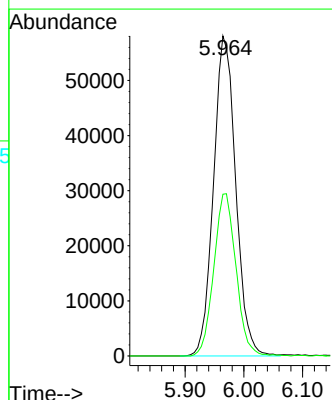
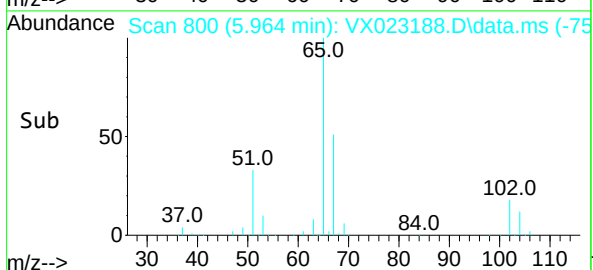
Tgt Ion: 56 Resp: 5165
Ion Ratio Lower Upper
56 100
69 152.6 25.3 37.9#
84 98.4 71.4 107.0

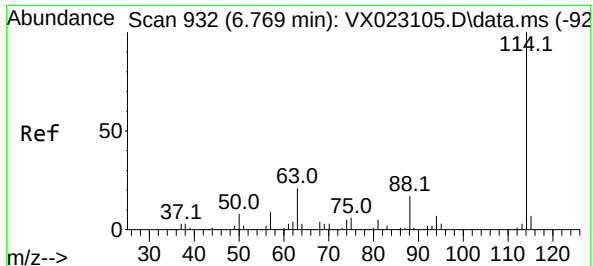


#33
1,2-Dichloroethane-d4
Concen: 50.834 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37



Tgt Ion: 65 Resp: 152589
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

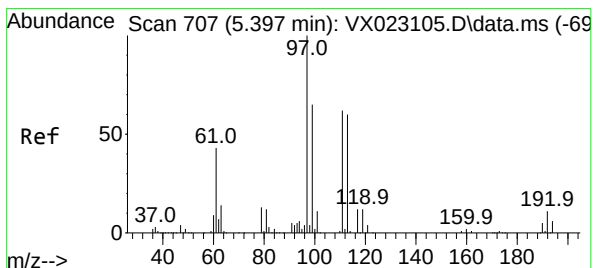
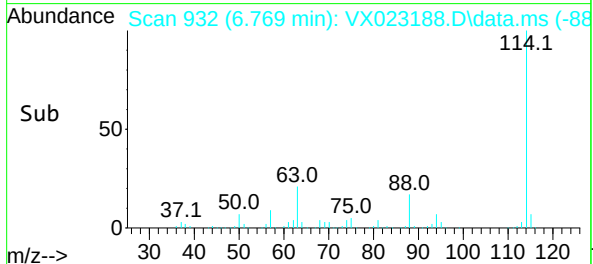
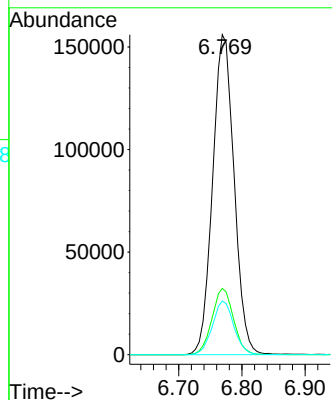
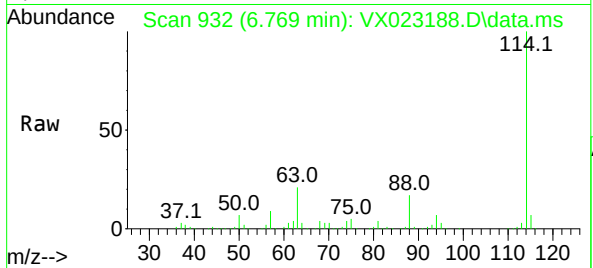




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

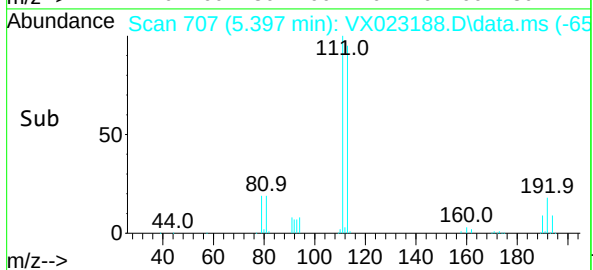
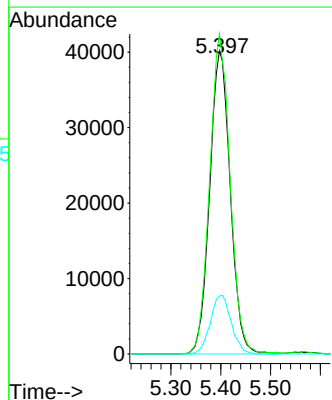
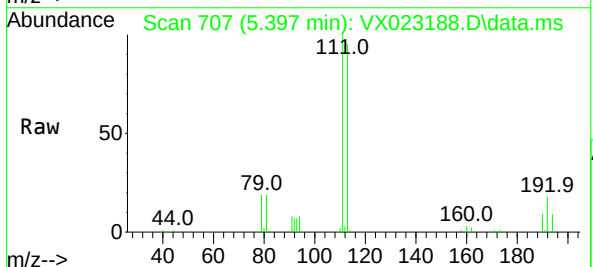
Instrument :
MSVOA_X
ClientSampleId :

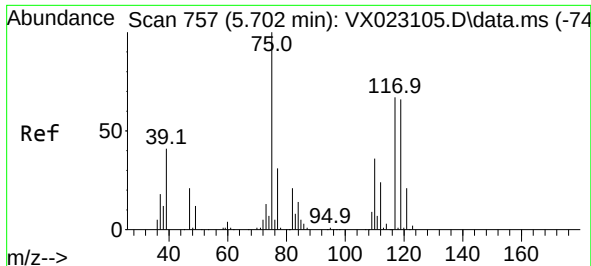
Tgt Ion:114 Resp: 367584
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.426 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion:113 Resp: 114948
Ion Ratio Lower Upper
113 100
111 105.2 81.9 122.9
192 19.6 16.7 25.1

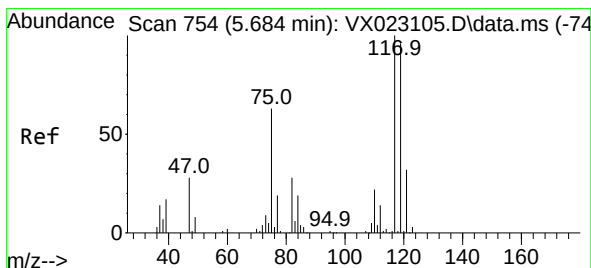
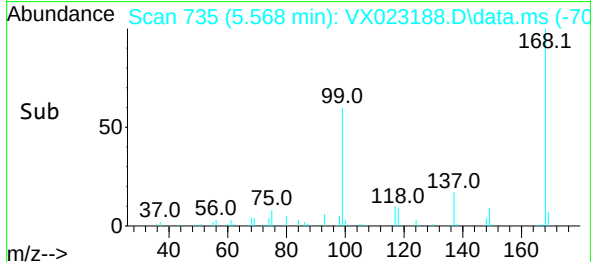
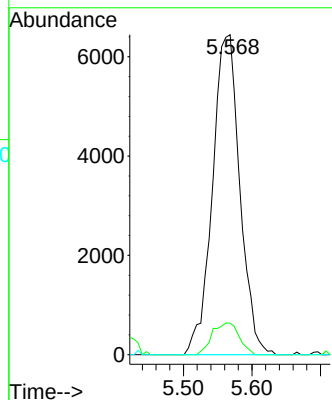
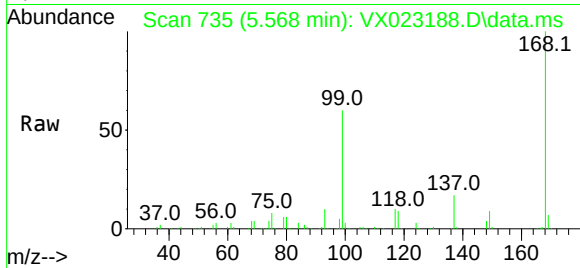




#36
1,1-Dichloropropene
Concen: 5.468 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

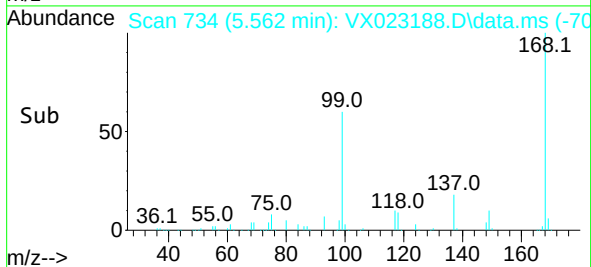
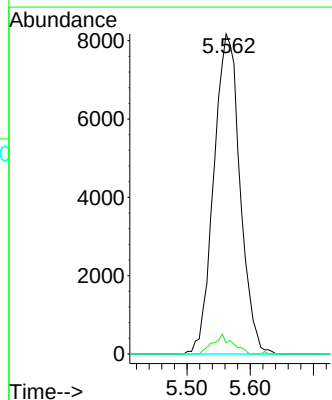
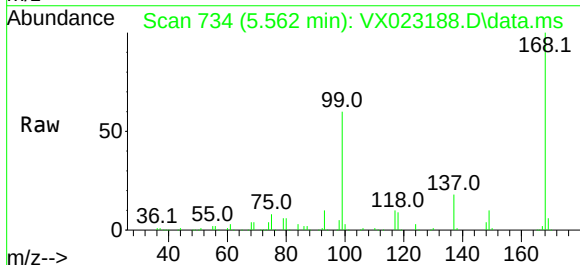
Instrument :
MSVOA_X
ClientSampled :

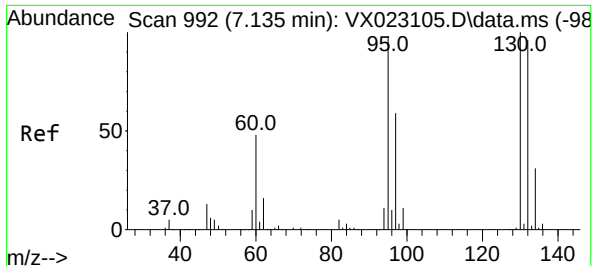
Tgt Ion: 75 Resp: 17917
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.873 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion: 117 Resp: 23509
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

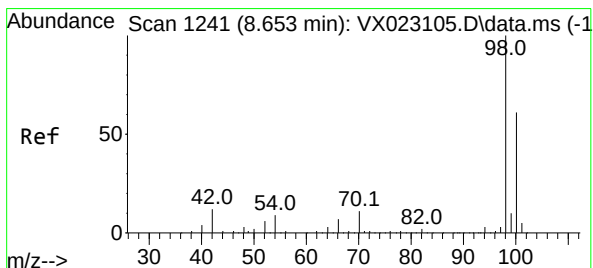
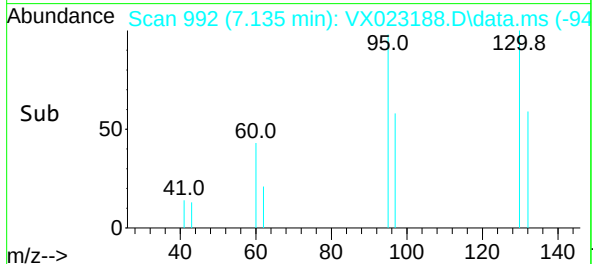
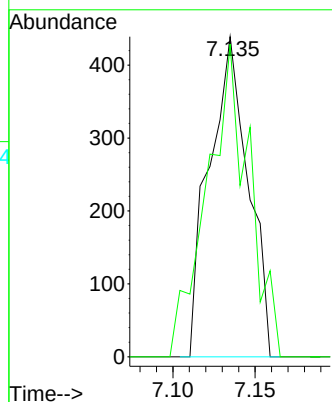
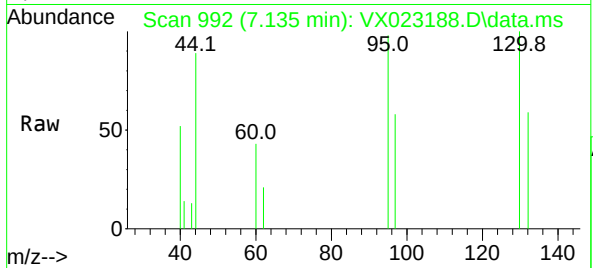




#44
Trichloroethene
Concen: 0.268 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

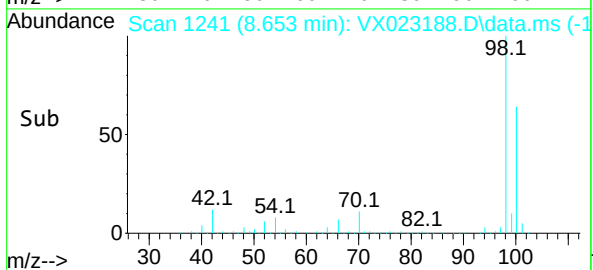
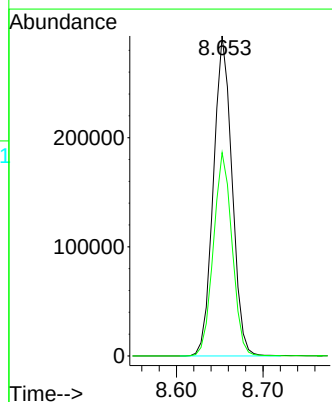
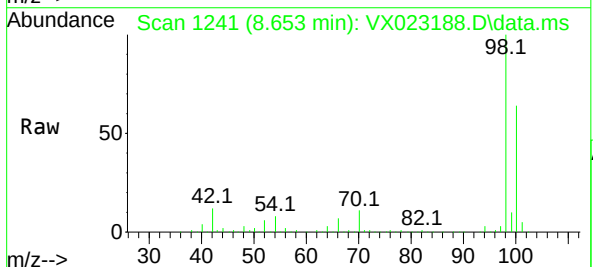
Instrument :
MSVOA_X
ClientSampled :

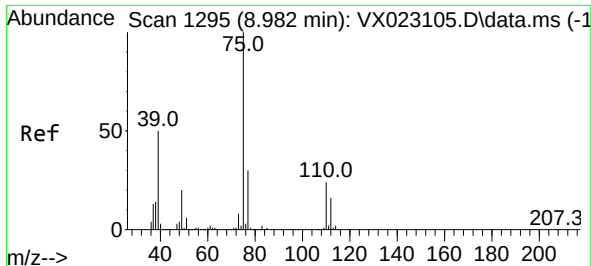
Tgt Ion:130 Resp: 723
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.0



#50
Toluene-d8
Concen: 49.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

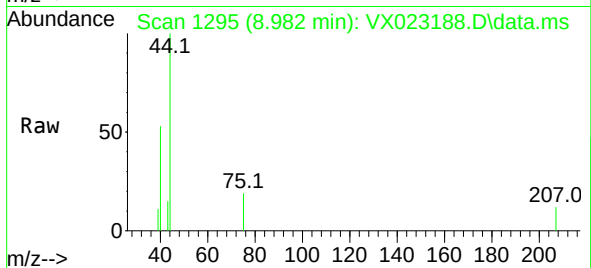
Tgt Ion: 98 Resp: 438403
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



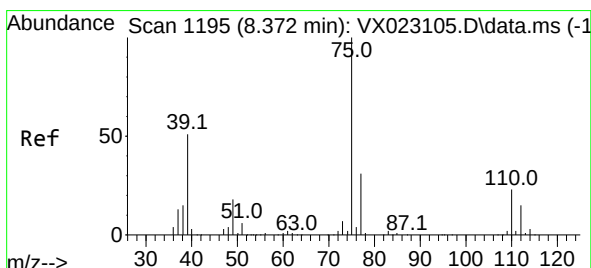
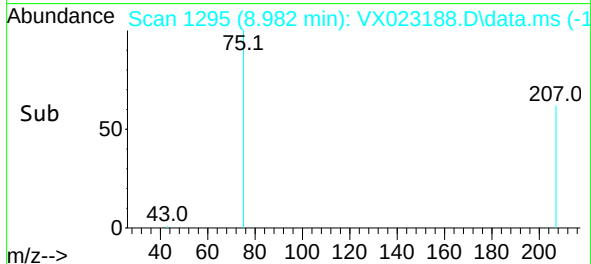
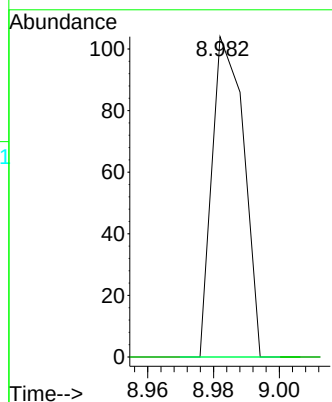


#53
t-1,3-Dichloropropene
Concen: 2.753 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Instrument :
MSVOA_X
ClientSampled :

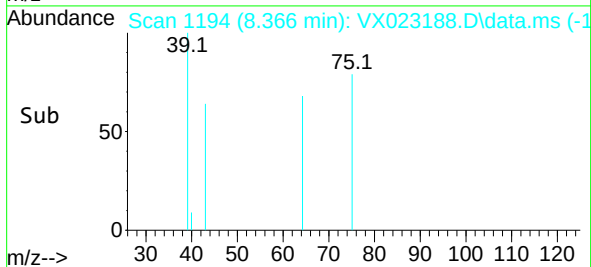
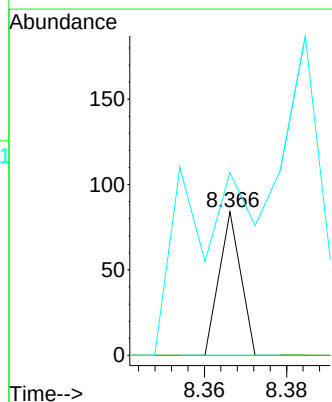
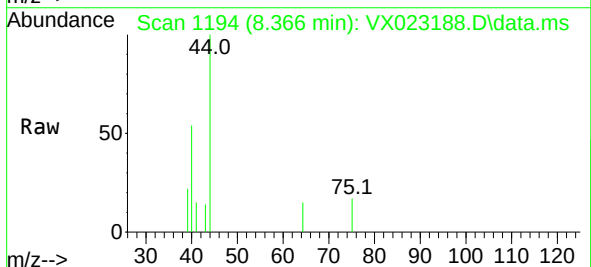


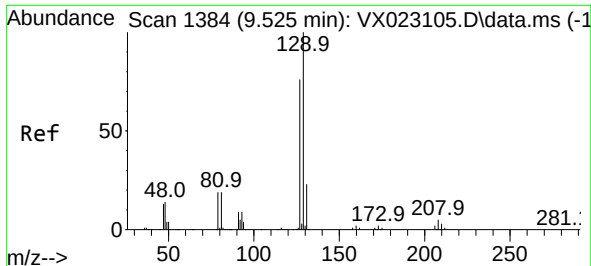
Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.180 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 0.0 35.1 52.7#

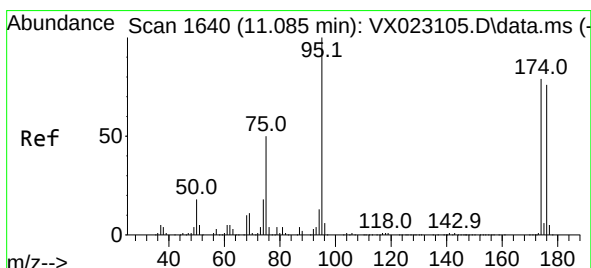
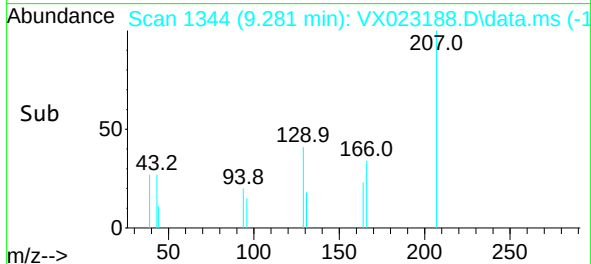
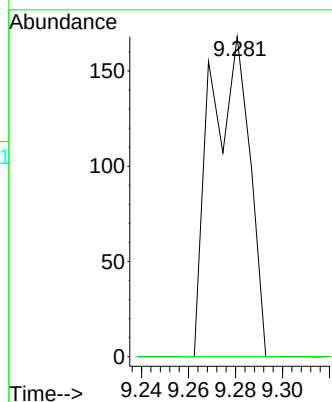
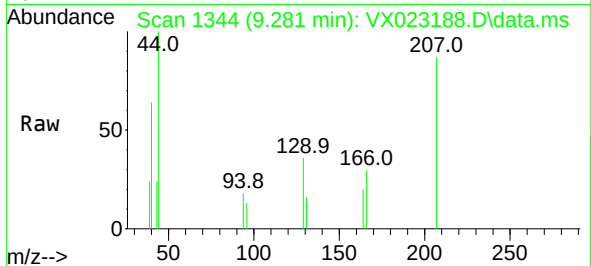




#60
Dibromochloromethane
Concen: 3.175 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

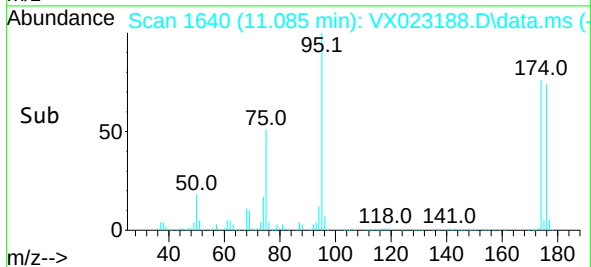
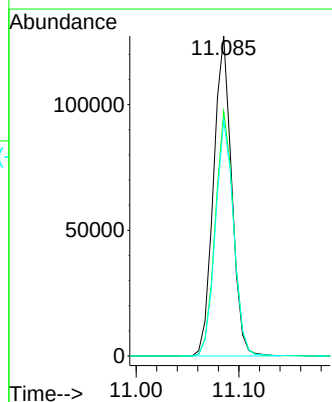
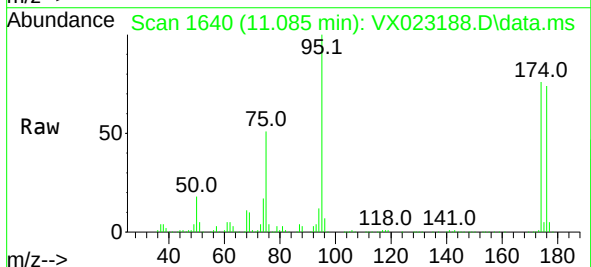
Instrument :
MSVOA_X
ClientSampled :

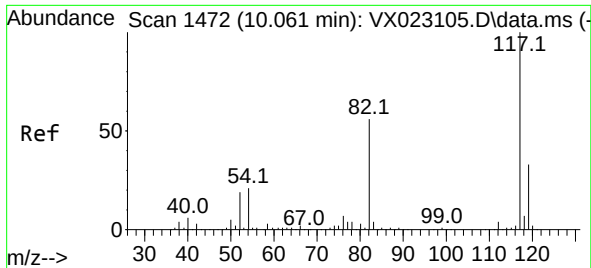
Tgt Ion:129 Resp: 193
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.540 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion: 95 Resp: 155671
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 74.2 0.0 155.8

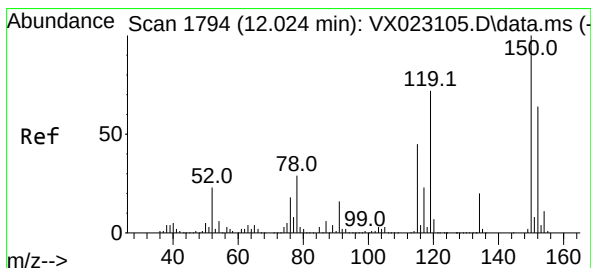
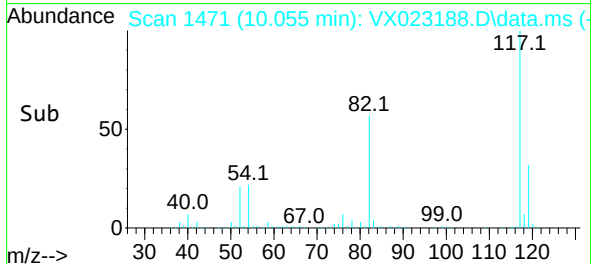
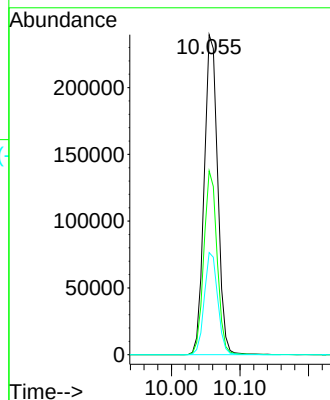
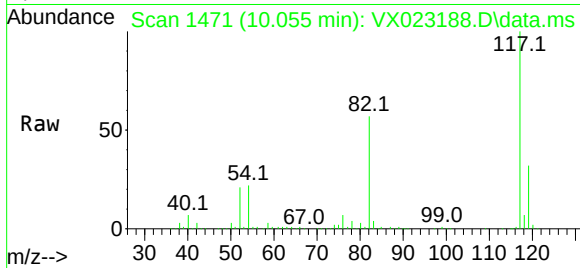




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

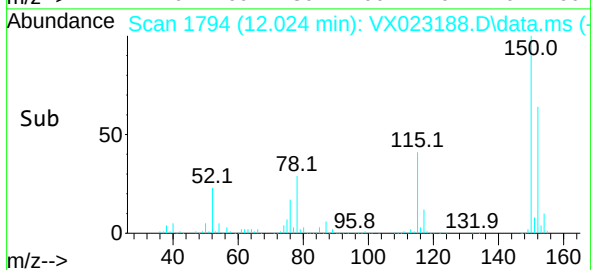
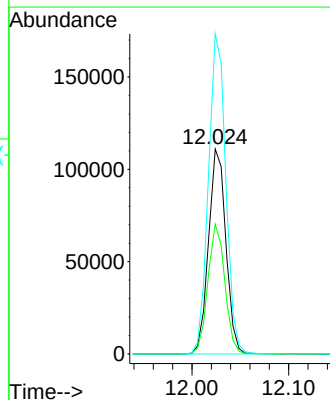
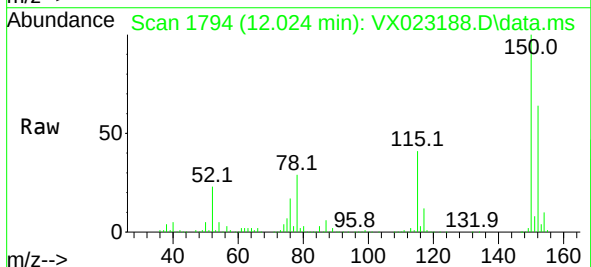
Instrument :
MSVOA_X
ClientSampled :

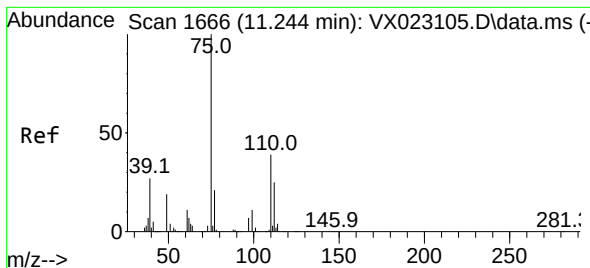
Tgt Ion:117 Resp: 328984
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Tgt Ion:152 Resp: 138248
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 156.2 0.0 349.0

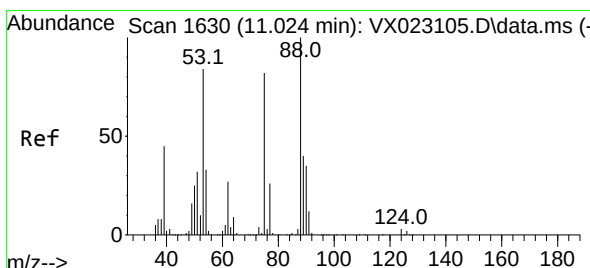
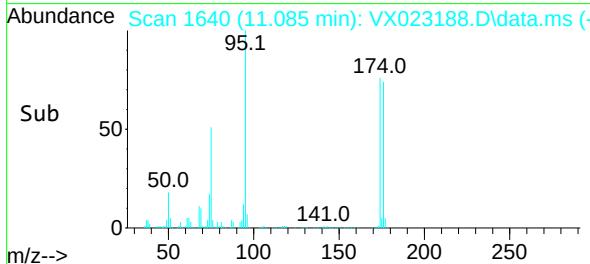
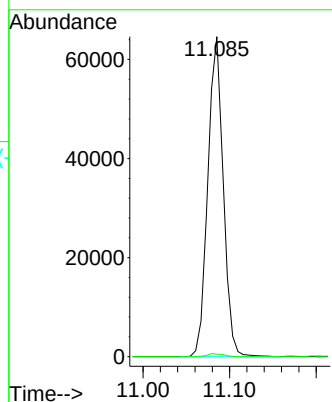
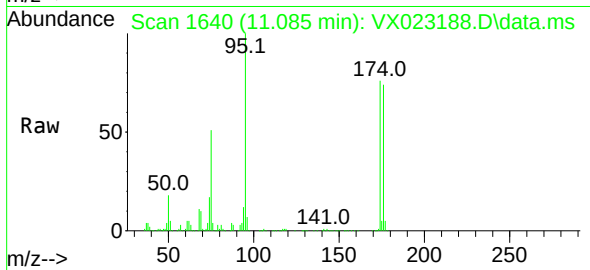




#76
1,2,3-Trichloropropane
Concen: 28.720 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

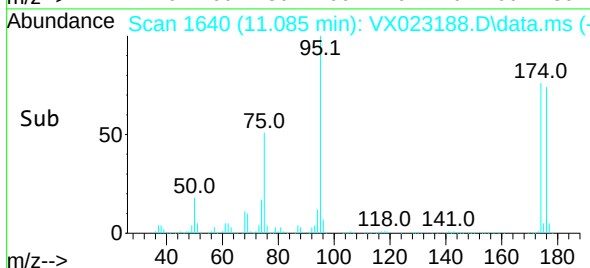
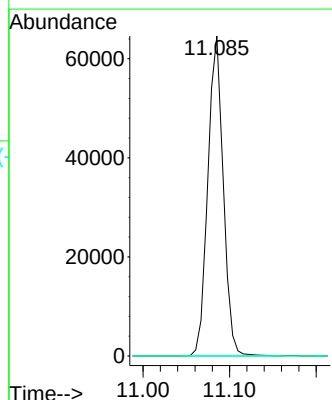
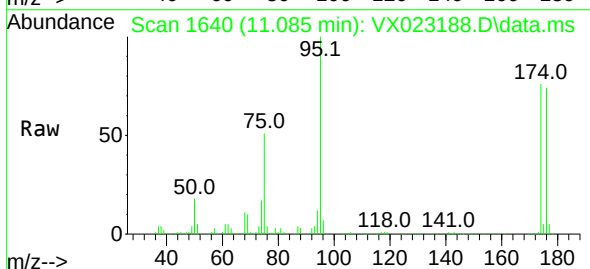
Instrument :
MSVOA_X
ClientSampled :

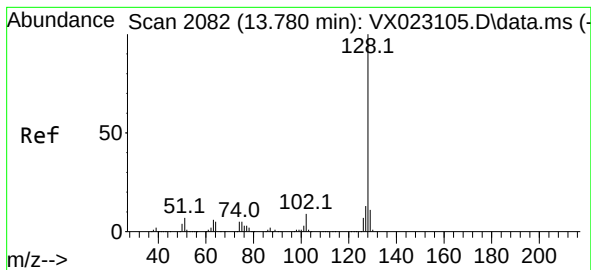
Tgt Ion: 75 Resp: 79900
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.318 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

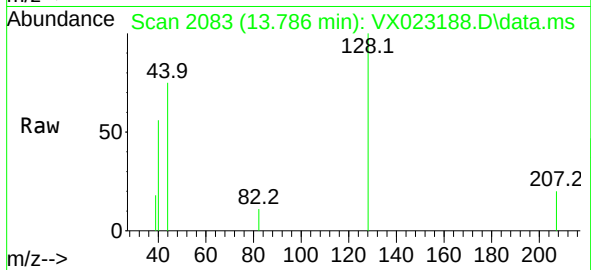
Tgt Ion: 75 Resp: 79900
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.347 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023188.D
Acq: 08 Jul 2021 10:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	752
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.3	15.5
129	0.0	8.8	13.2#

