

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023196.D
 Acq On : 08 Jul 2021 13:55
 Operator : JC/MD
 Sample : M2953-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:10:15 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)

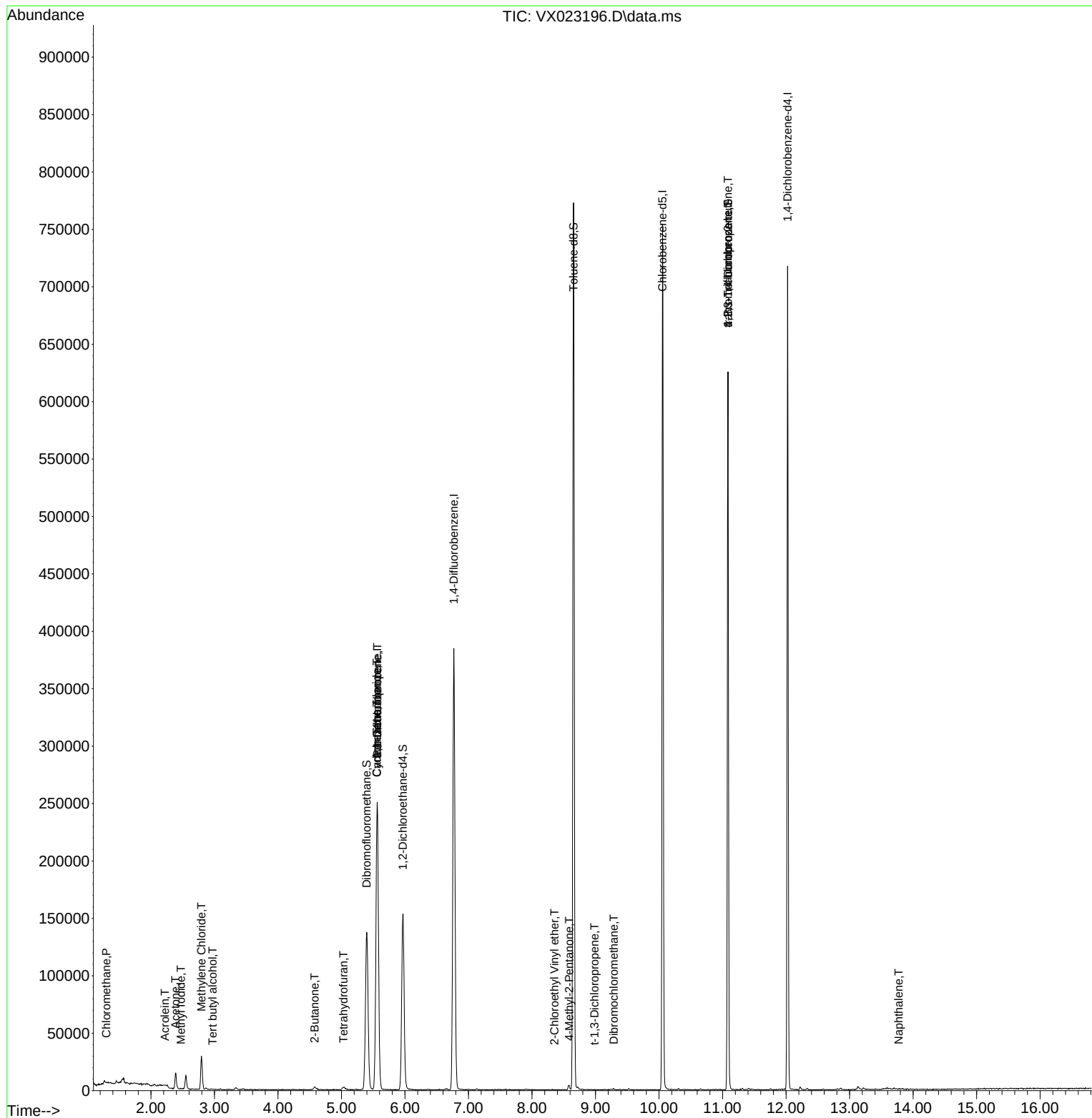
Internal Standards						
1) Pentafluorobenzene	5.562	168	229662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	376761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157922	51.163	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	102.320%	
35) Dibromofluoromethane	5.397	113	118843	48.847	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.700%	
50) Toluene-d8	8.653	98	450969	49.691	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.380%	
62) 4-Bromofluorobenzene	11.085	95	164455	46.938	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	534	0.259	ug/l	91
5) Bromomethane	1.575	94	334	Below Cal	#	75
10) Methyl Iodide	2.471	142	555	0.204	ug/l #	90
11) Tert butyl alcohol	2.971	59	262	0.403	ug/l #	73
13) Acrolein	2.221	56	244	0.564	ug/l #	14
16) Acetone	2.386	43	14887	12.191	ug/l	90
20) Methylene Chloride	2.794	84	12939	4.921	ug/l	91
25) 2-Butanone	4.574	43	4124	2.240	ug/l	93
29) Tetrahydrofuran	5.032	42	2368	2.000	ug/l #	86
31) Cyclohexane	5.556	56	5293	1.432	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	18554	5.524	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24063	6.864	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	2747	0.727	ug/l	87
53) t-1,3-Dichloropropene	8.982	75	79	2.754	ug/l #	35
58) 2-Chloroethyl Vinyl ether	8.354	63	27	4.702	ug/l #	45
60) Dibromochloromethane	9.287	129	62	3.132	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	85081	29.903	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	85081	80.305	ug/l #	12
95) Naphthalene	13.774	128	699	1.340	ug/l #	69

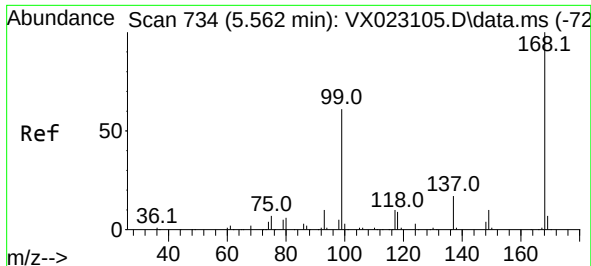
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Jul 09 02:10:15 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

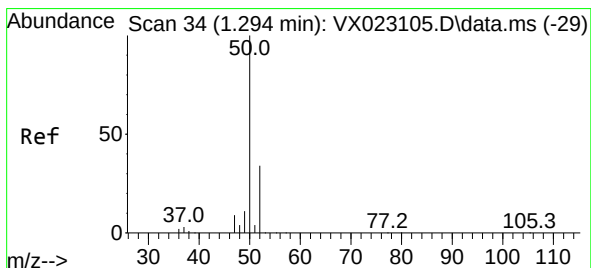
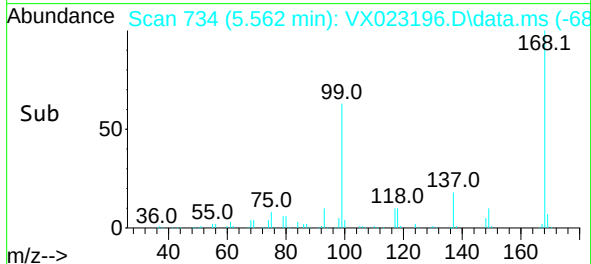
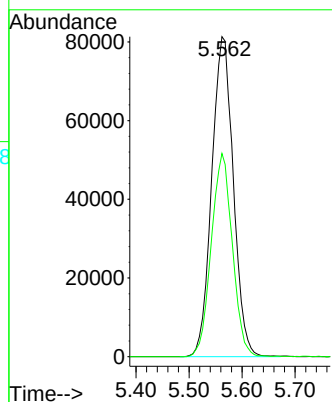
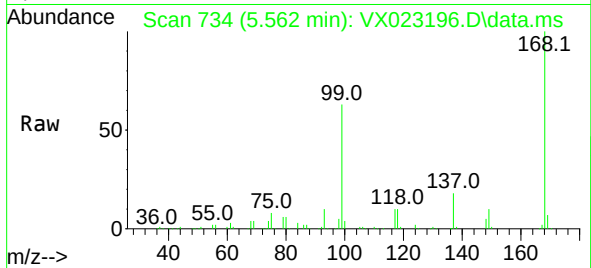




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

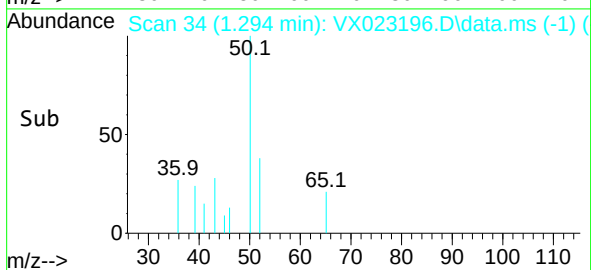
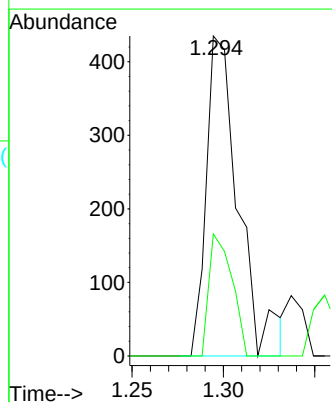
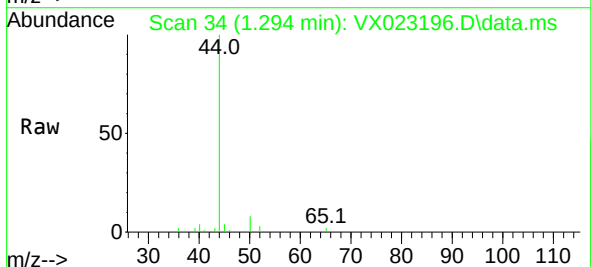
Instrument :
MSVOA_X
ClientSampled :

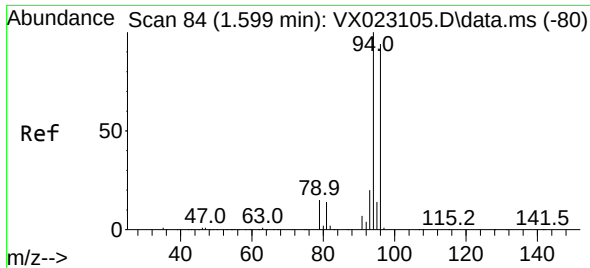
Tgt Ion:168 Resp: 229662
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 50 Resp: 534
Ion Ratio Lower Upper
50 100
52 38.2 26.4 39.6

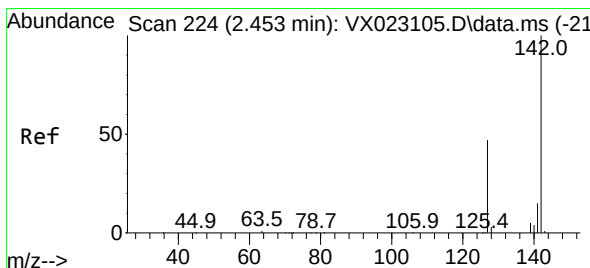
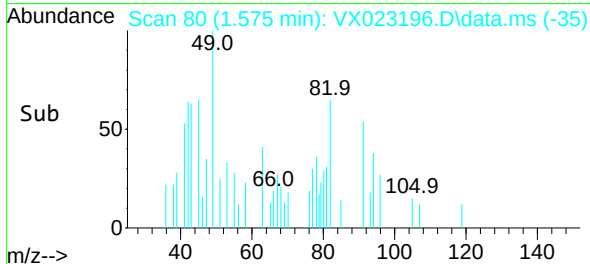
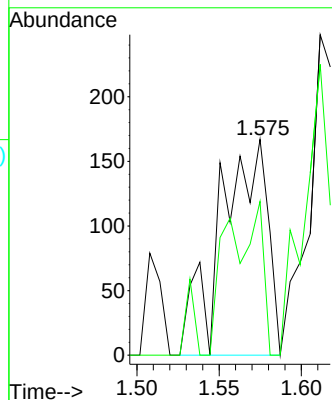
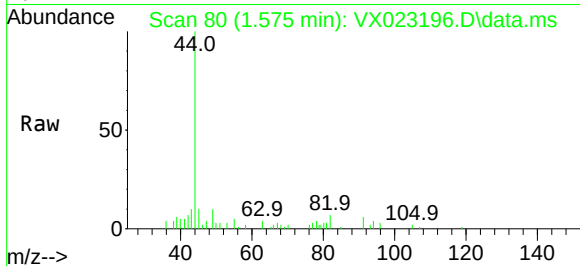




#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

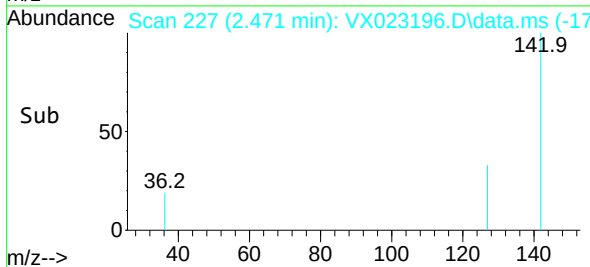
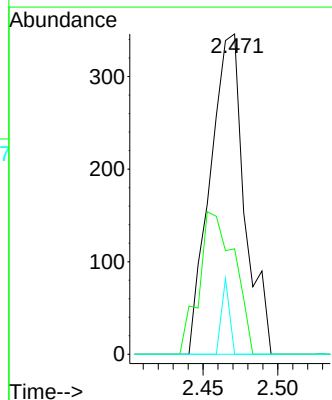
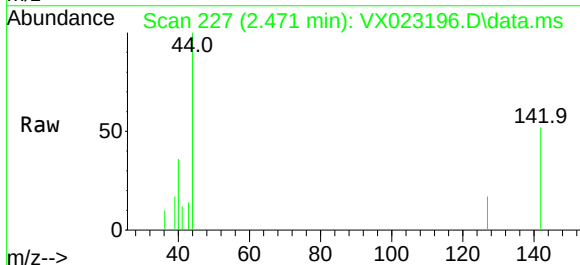
Instrument :
MSVOA_X
ClientSampleId :

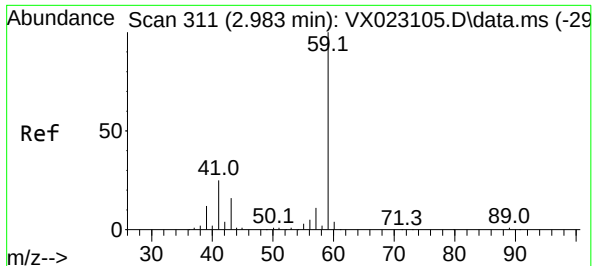
Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 71.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
127 45.6 33.3 49.9
141 5.4 11.4 17.0#



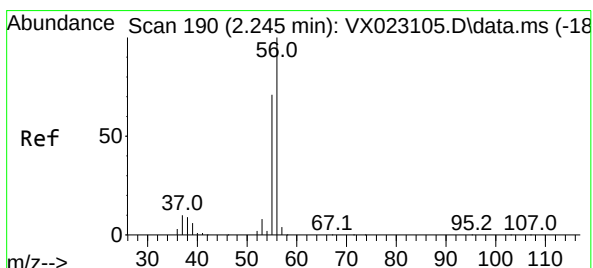
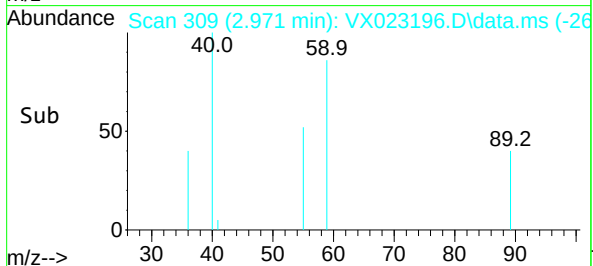
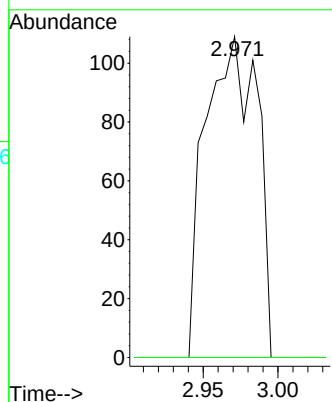
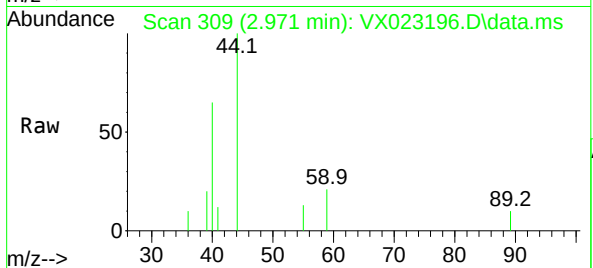


#11

Tert butyl alcohol
Concen: 0.403 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Instrument :
MSVOA_X
ClientSampled :

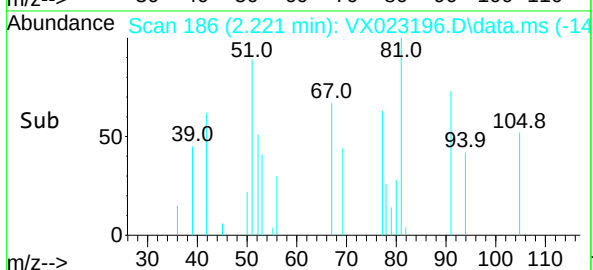
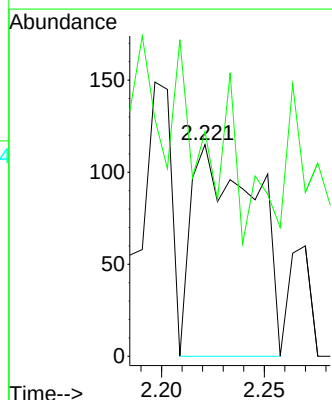
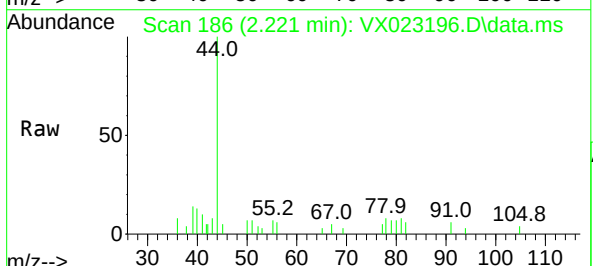
Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

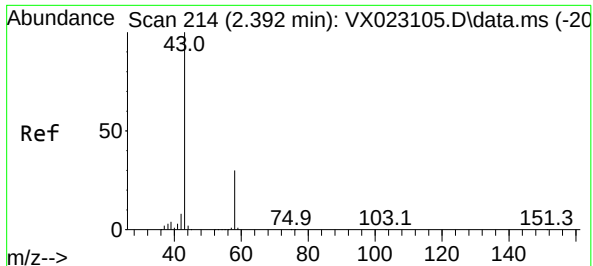


#13

Acrolein
Concen: 0.564 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.024 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

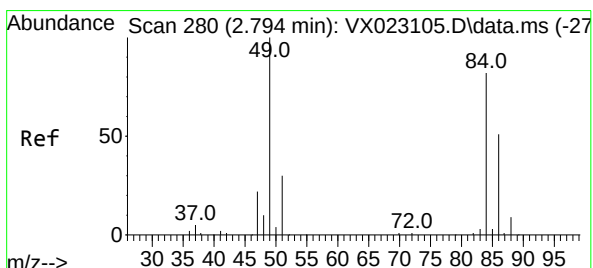
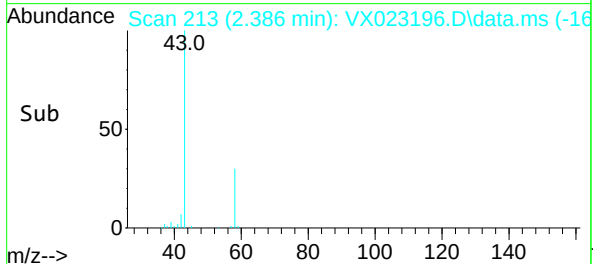
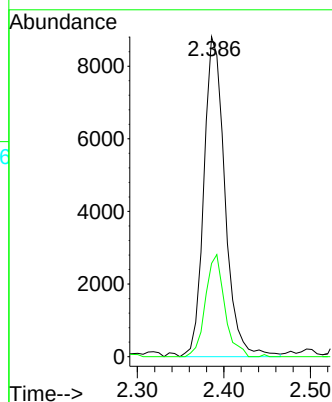
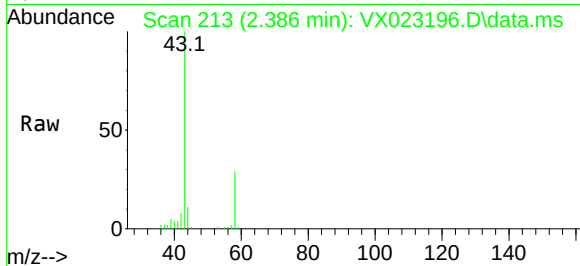




#16
Acetone
Concen: 12.191 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

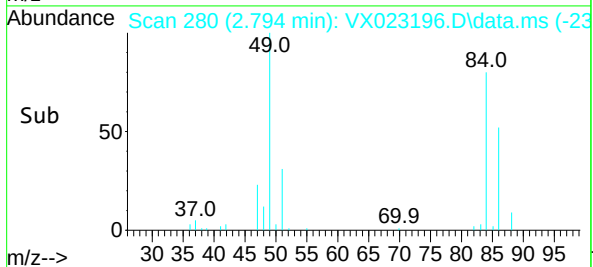
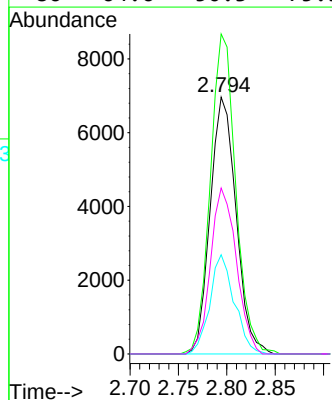
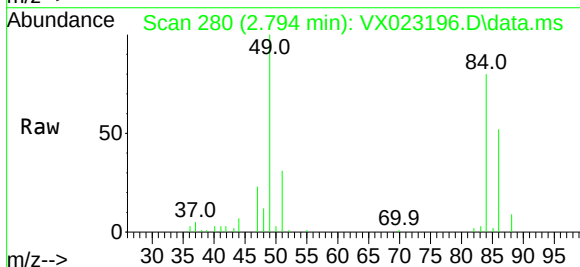
Instrument :
MSVOA_X
ClientSampled :

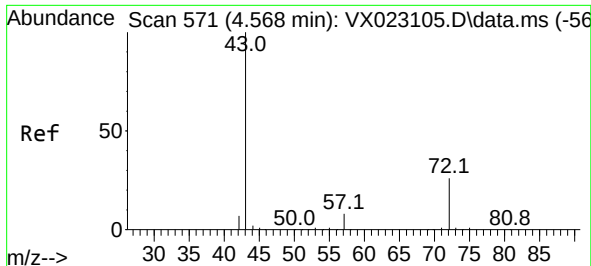
Tgt Ion: 43 Resp: 14887
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#20
Methylene Chloride
Concen: 4.921 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 84 Resp: 12939
Ion Ratio Lower Upper
84 100
49 124.6 88.6 132.8
51 38.6 27.0 40.6
86 64.6 50.3 75.5

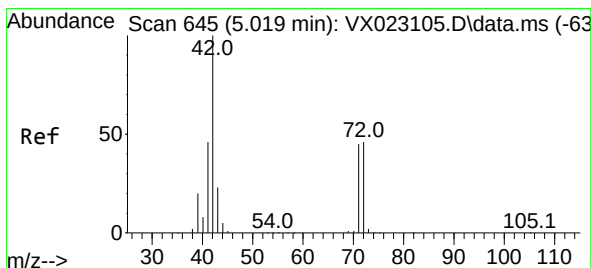
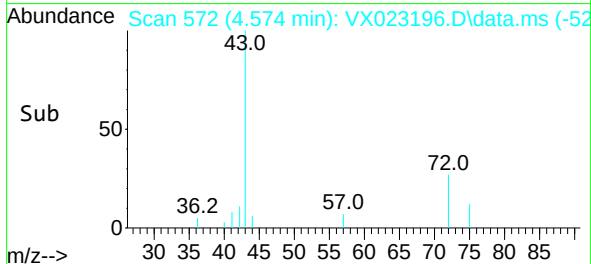
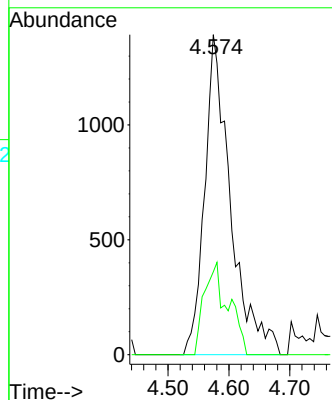
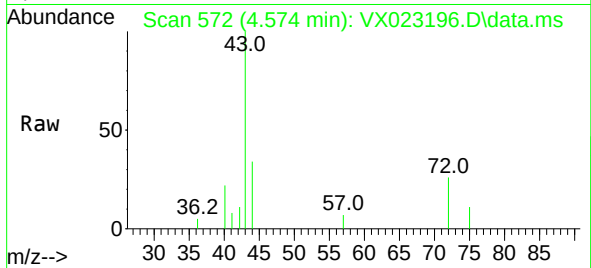




#25
2-Butanone
Concen: 2.240 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

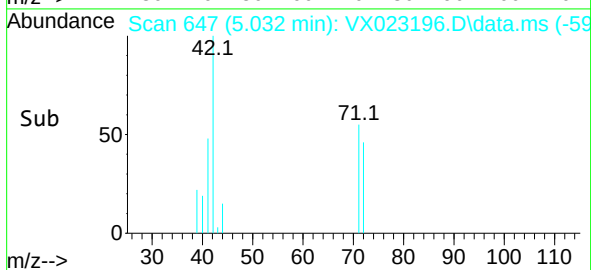
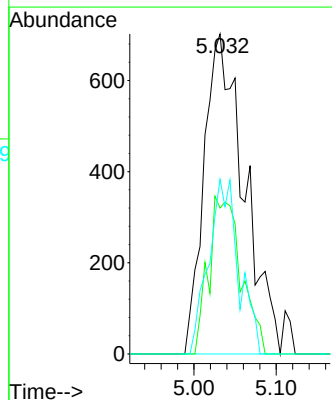
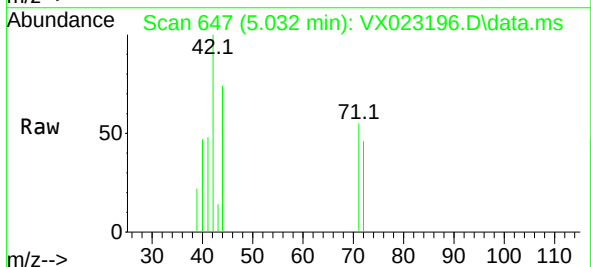
Instrument :
MSVOA_X
ClientSampled :

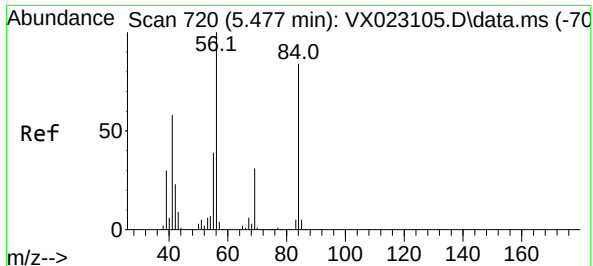
Tgt Ion: 43 Resp: 4124
Ion Ratio Lower Upper
43 100
72 25.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.000 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

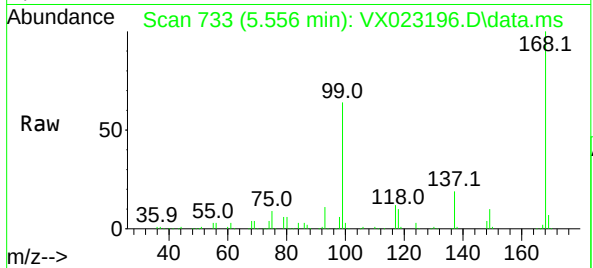
Tgt Ion: 42 Resp: 2368
Ion Ratio Lower Upper
42 100
72 39.9 41.7 62.5#
71 41.1 38.4 57.6



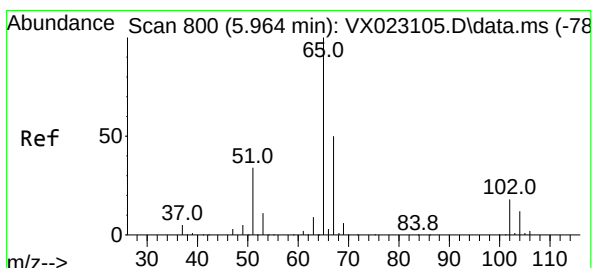
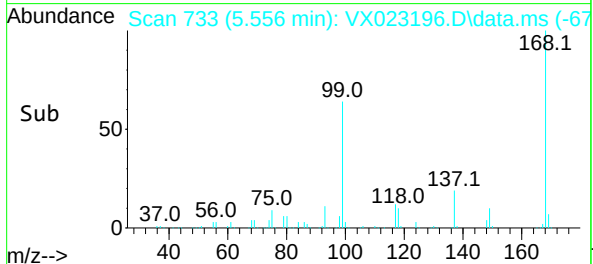
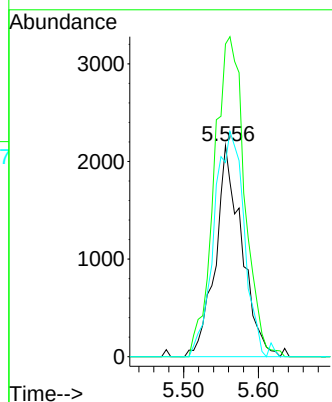


#31
Cyclohexane
Concen: 1.432 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Instrument :
MSVOA_X
ClientSampled :

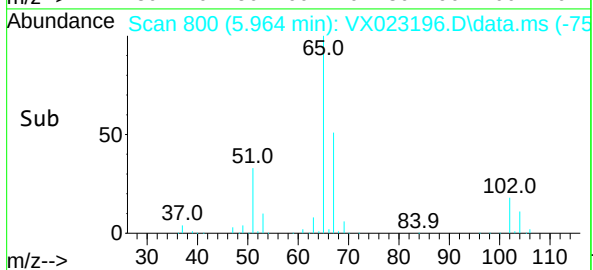
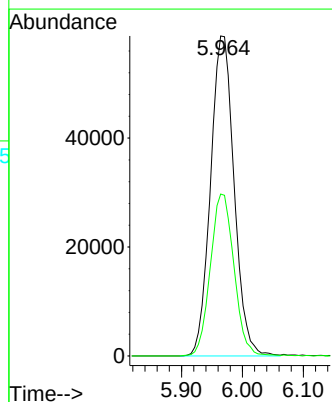
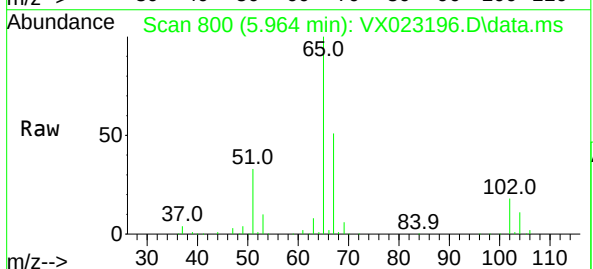


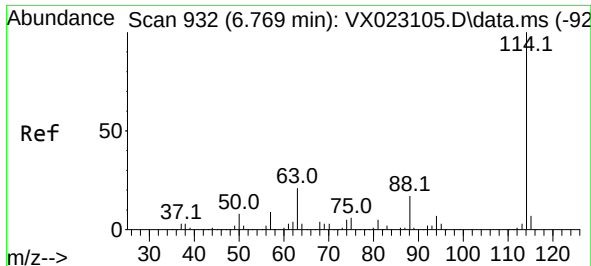
Tgt Ion: 56 Resp: 5293
Ion Ratio Lower Upper
56 100
69 148.2 25.3 37.9#
84 92.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.163 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 65 Resp: 157922
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

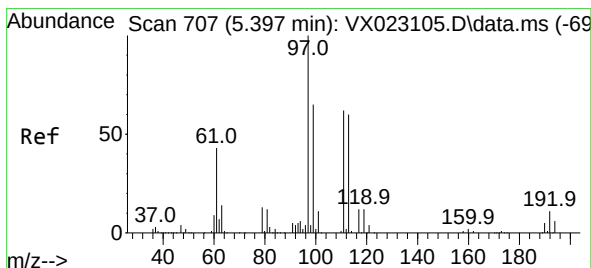
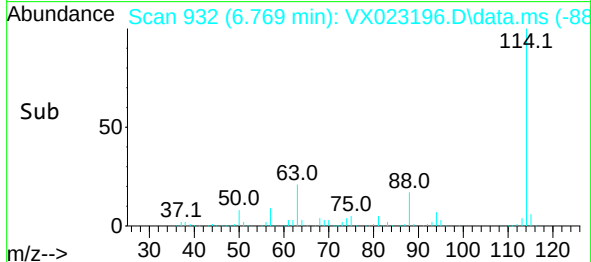
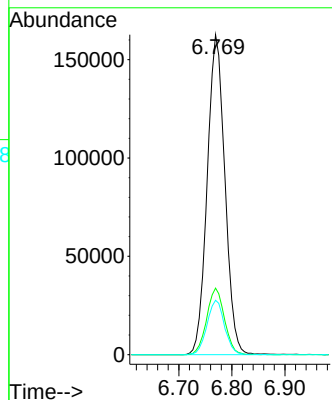
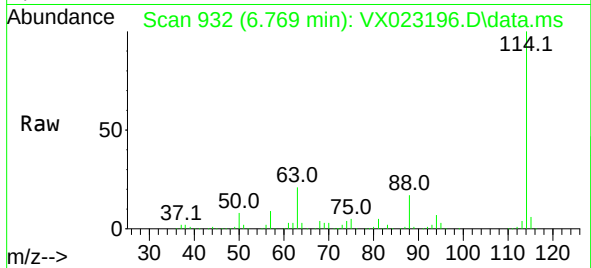




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

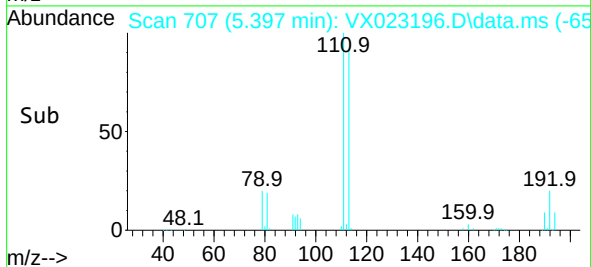
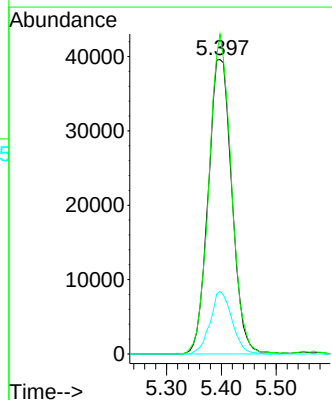
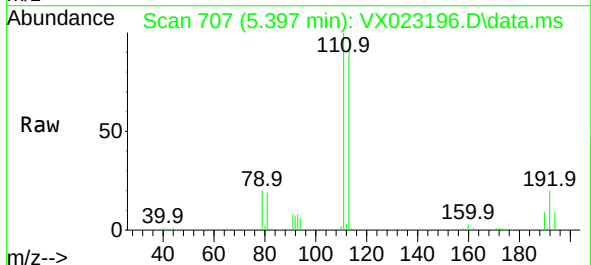
Instrument :
MSVOA_X
ClientSampled :

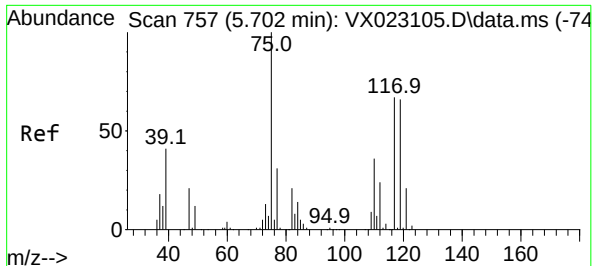
Tgt Ion:114 Resp: 376761
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.847 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion:113 Resp: 118843
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.5 16.7 25.1

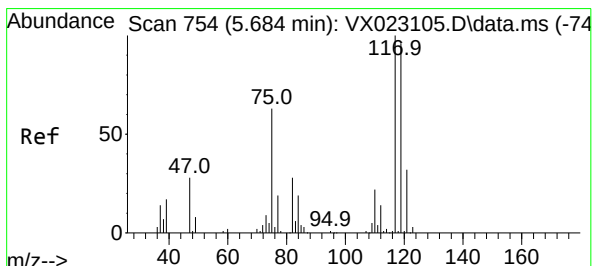
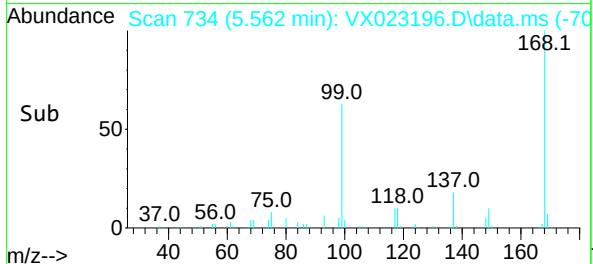
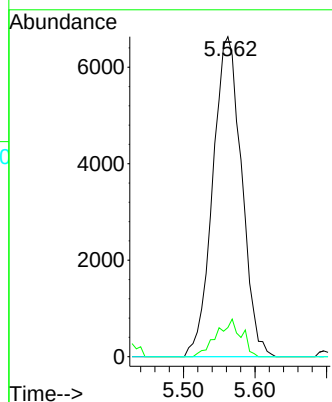
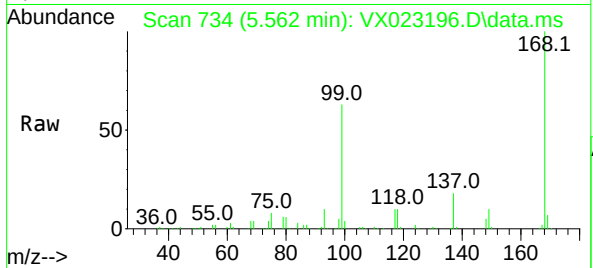




#36
1,1-Dichloropropene
Concen: 5.524 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

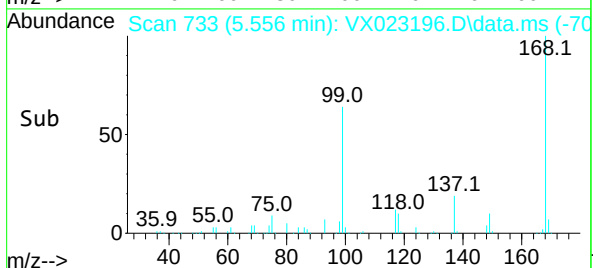
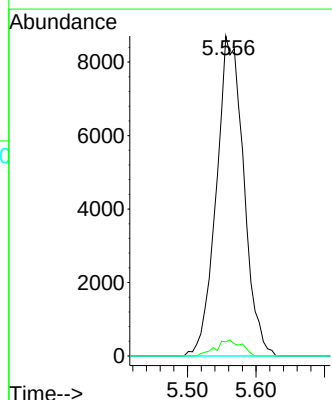
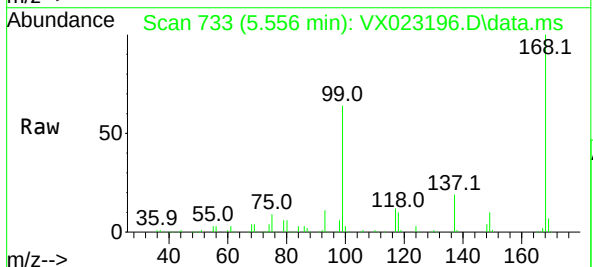
Instrument :
MSVOA_X
ClientSampled :

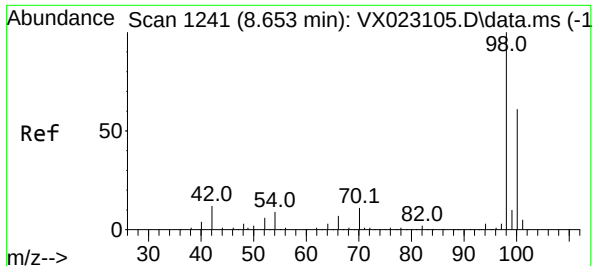
Tgt Ion: 75 Resp: 18554
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.864 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 117 Resp: 24063
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

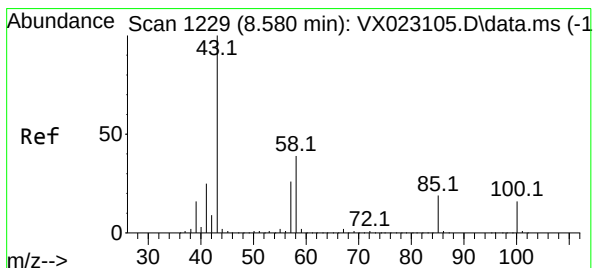
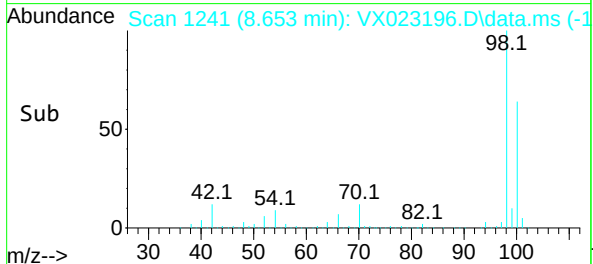
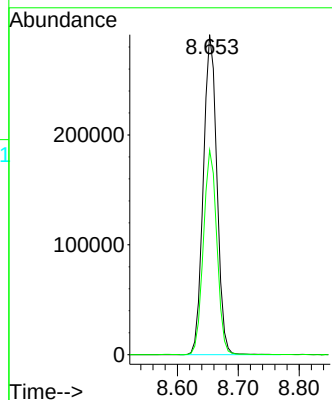
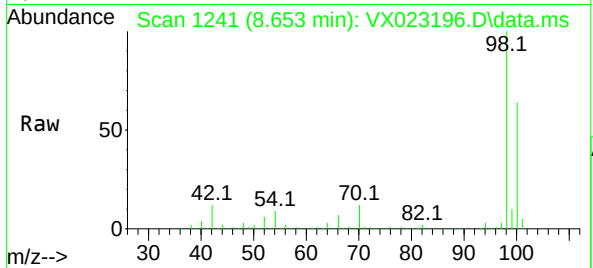




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

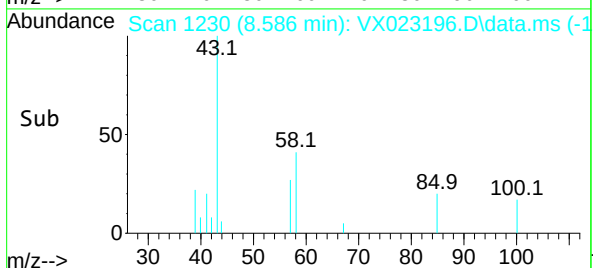
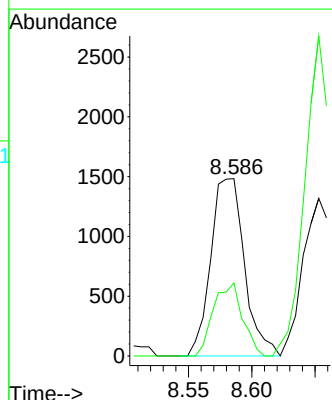
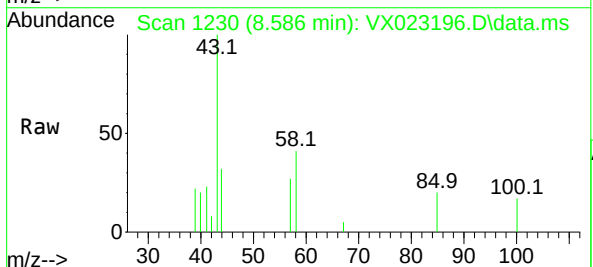
Instrument :
MSVOA_X
ClientSampled :

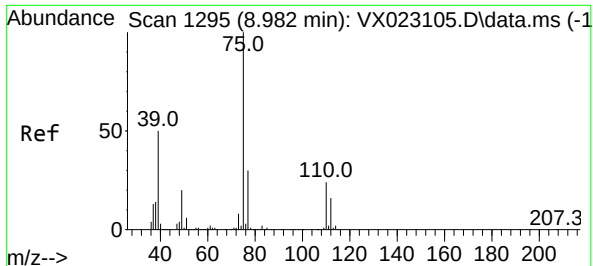
Tgt Ion: 98 Resp: 450969
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.727 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 43 Resp: 2747
Ion Ratio Lower Upper
43 100
58 35.6 35.4 53.0

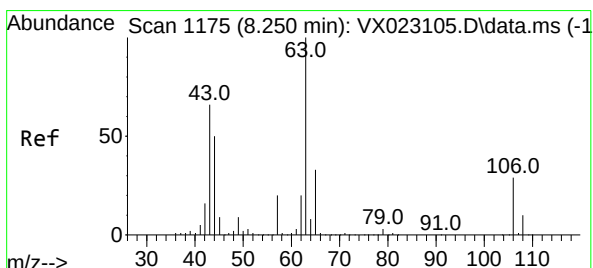
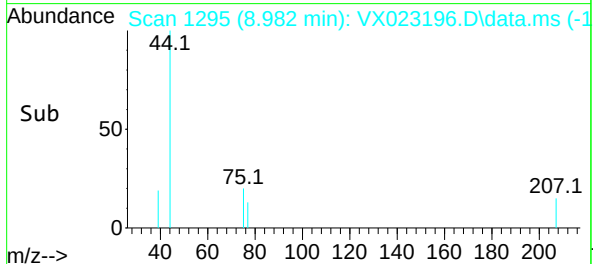
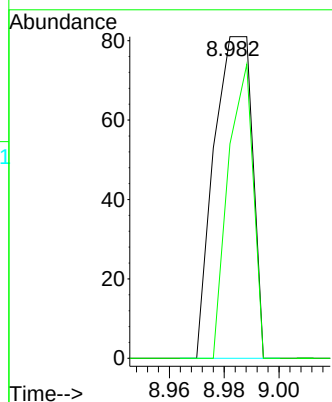
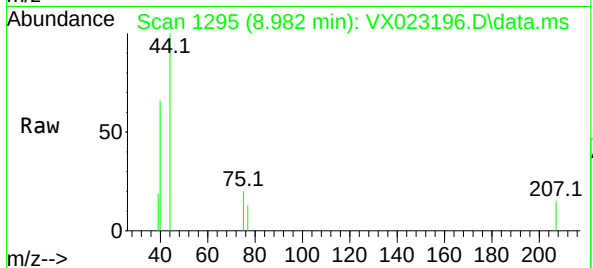




#53
t-1,3-Dichloropropene
Concen: 2.754 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

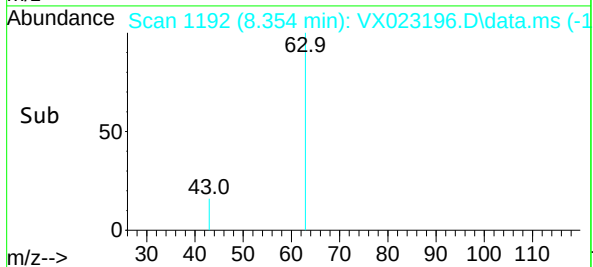
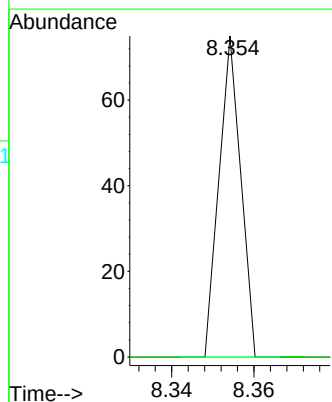
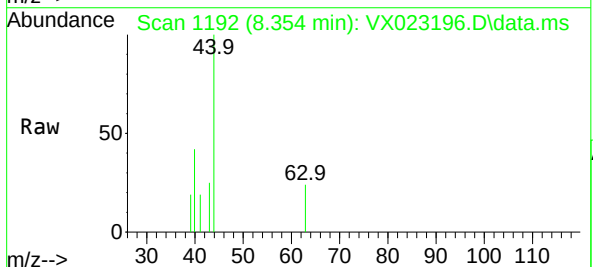
Instrument :
MSVOA_X
ClientSampled :

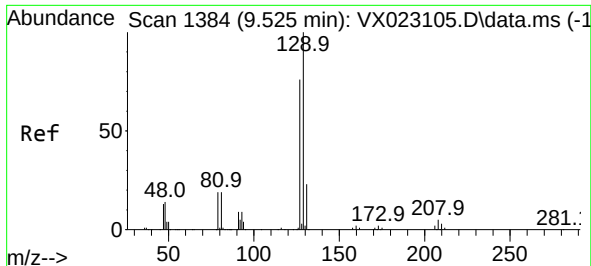
Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 66.7 24.9 37.3#



#58
2-Chloroethyl Vinyl ether
Concen: 4.702 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.104 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#

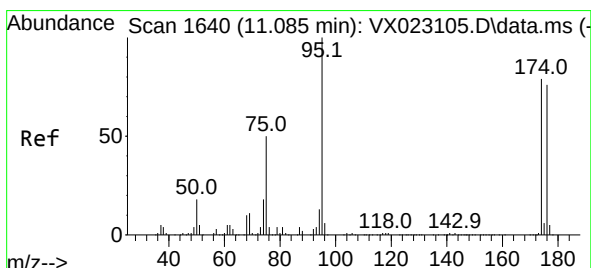
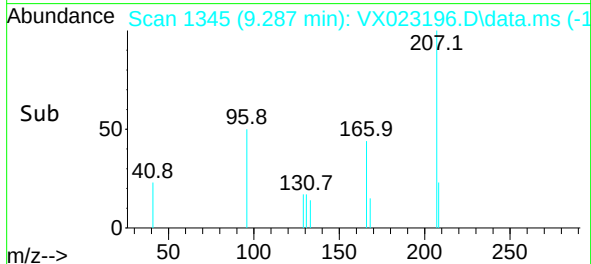
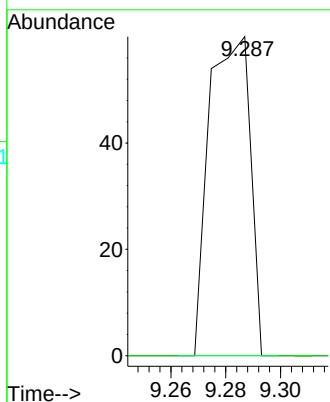
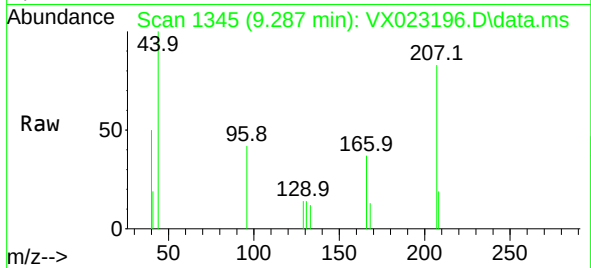




#60
Dibromochloromethane
Concen: 3.132 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

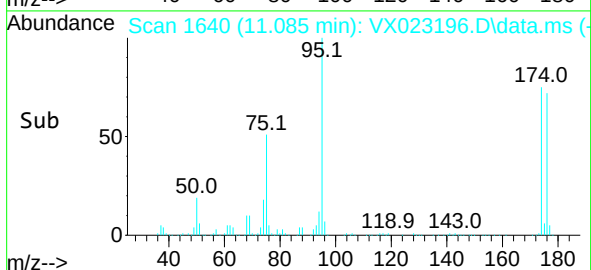
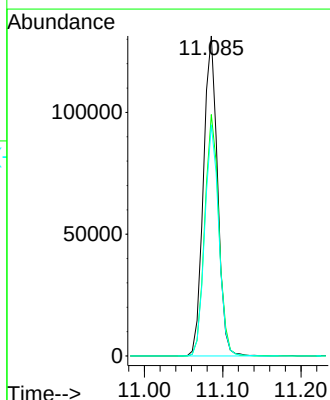
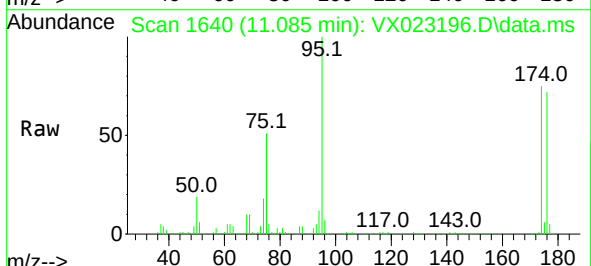
Instrument :
MSVOA_X
ClientSampleId :

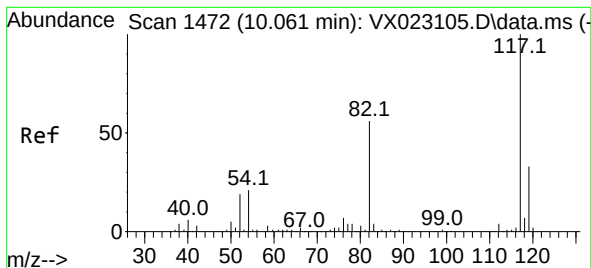
Tgt Ion:129 Resp: 62
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.938 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 95 Resp: 164455
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 71.6 0.0 155.8

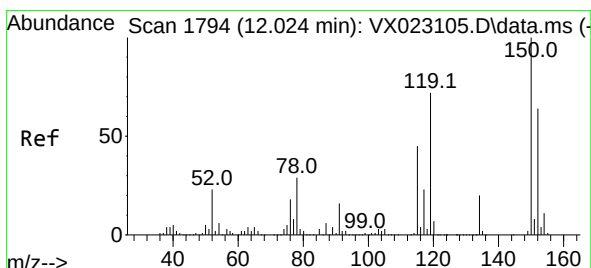
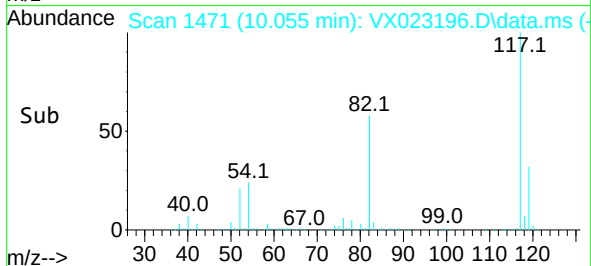
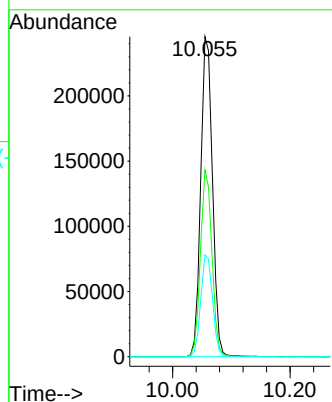
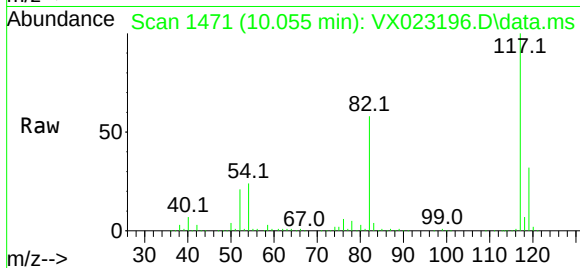




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

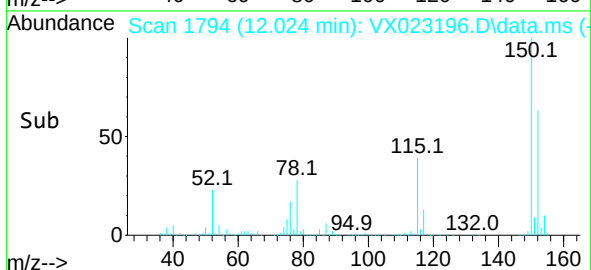
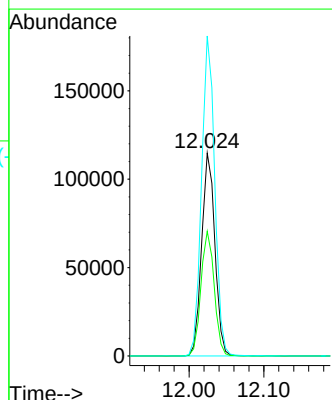
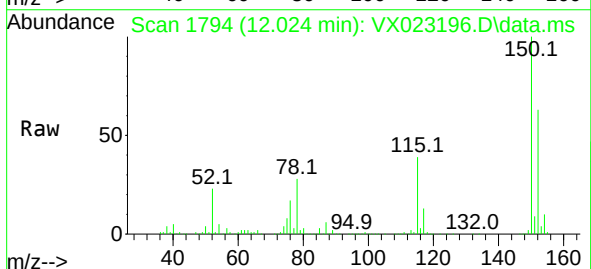
Instrument :
MSVOA_X
ClientSampled :

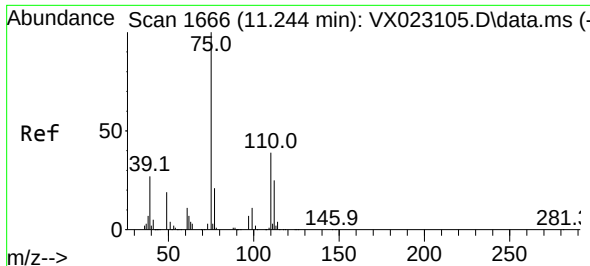
Tgt Ion:117 Resp: 339298
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion:152 Resp: 141390
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 156.3 0.0 349.0

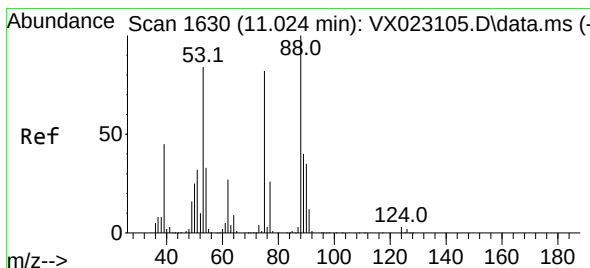
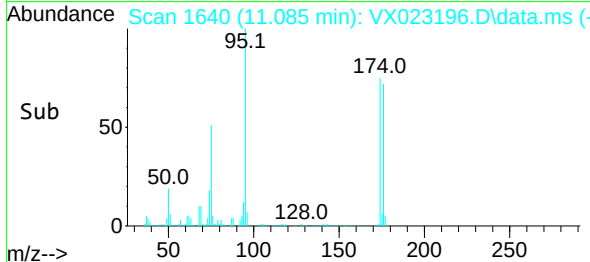
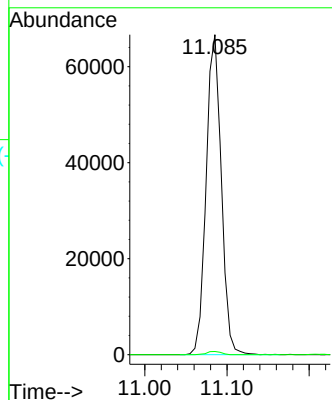
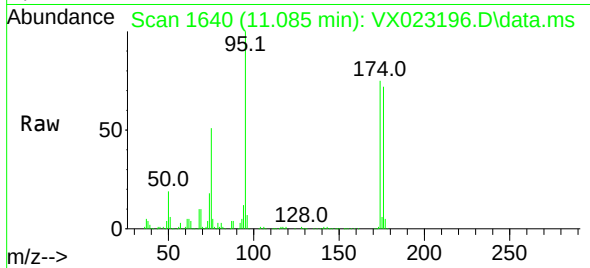




#76
1,2,3-Trichloropropane
Concen: 29.903 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

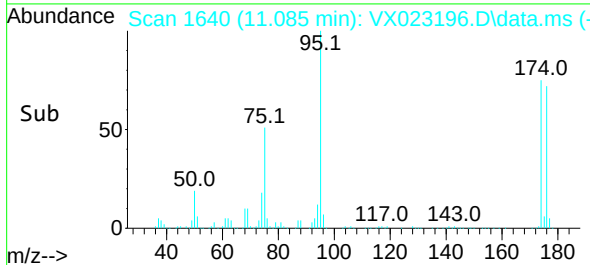
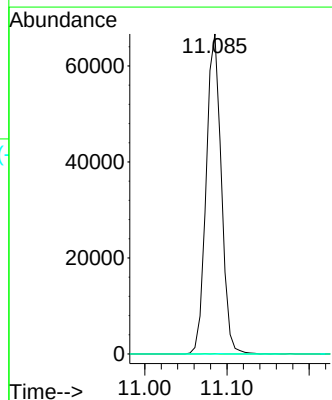
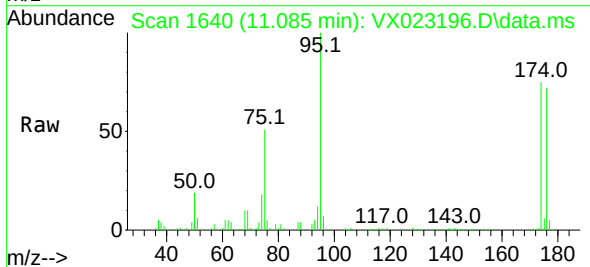
Instrument :
MSVOA_X
ClientSampled :

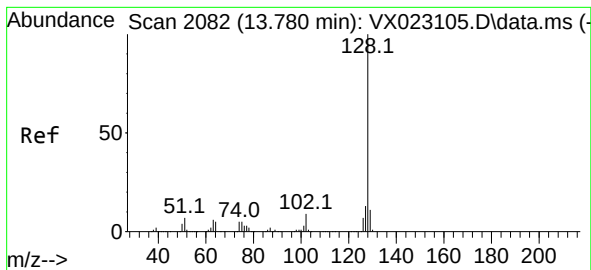
Tgt Ion: 75 Resp: 85081
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.305 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Tgt Ion: 75 Resp: 85081
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.340 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023196.D
Acq: 08 Jul 2021 13:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 699
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

