

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023164.D
 Acq On : 07 Jul 2021 11:56
 Operator : JC/MD
 Sample : M2923-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:17:19 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

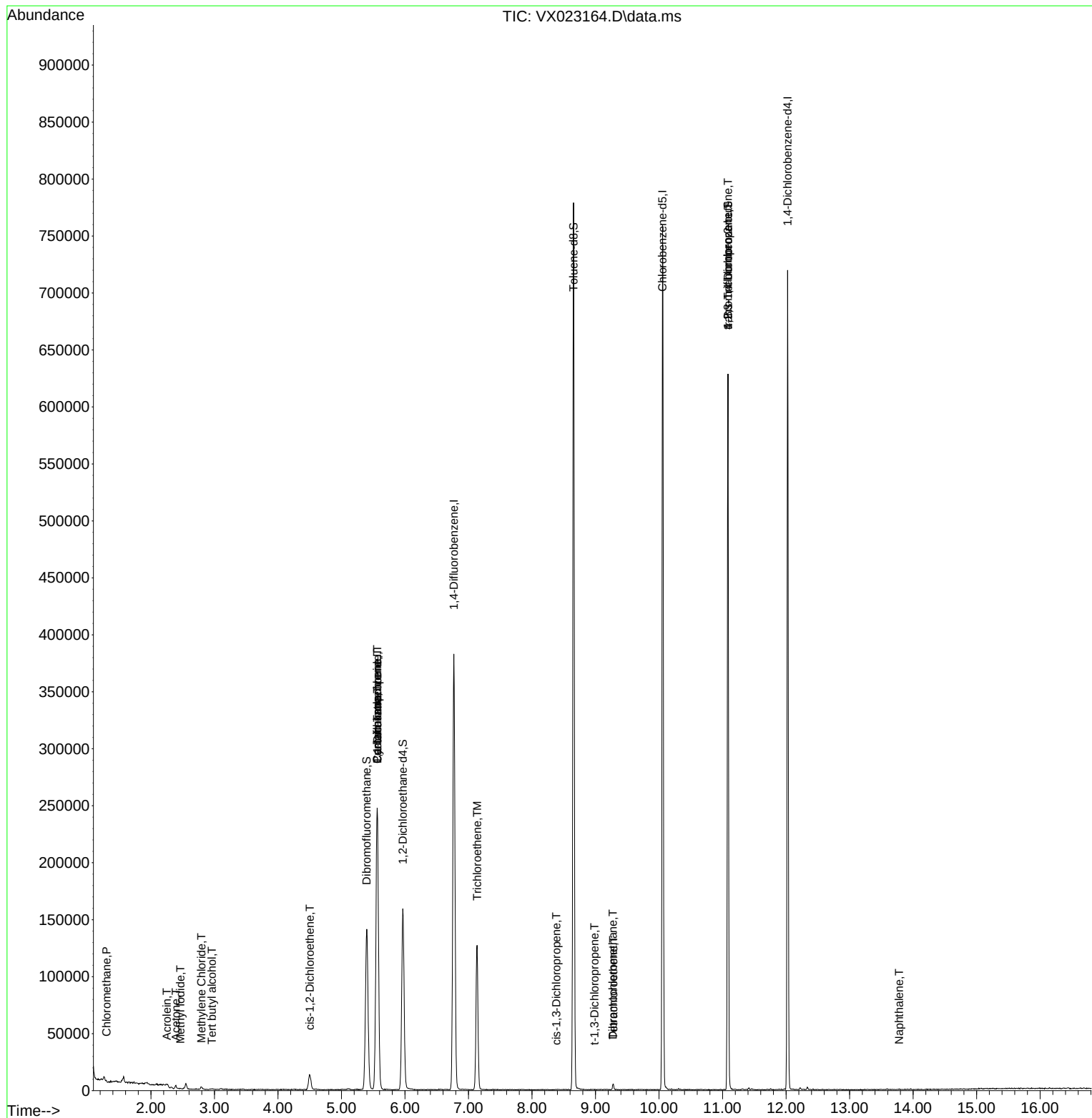
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	229848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	159021	51.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.960%
35) Dibromofluoromethane	5.397	113	122211	49.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	8.653	98	451188	49.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.085	95	165839	46.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%
Target Compounds						Qvalue
3) Chloromethane	1.301	50	488	0.237	ug/l	# 78
5) Bromomethane	1.618	94	361	Below Cal		82
10) Methyl Iodide	2.465	142	642	0.236	ug/l	# 91
11) Tert butyl alcohol	2.959	59	251	0.386	ug/l	# 77
13) Acrolein	2.252	56	232	0.536	ug/l	# 62
16) Acetone	2.392	43	3207	2.624	ug/l	# 82
20) Methylene Chloride	2.794	84	1139	0.433	ug/l	# 79
27) cis-1,2-Dichloroethene	4.501	96	8397	3.133	ug/l	92
31) Cyclohexane	5.562	56	4843	1.309	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	18523	5.461	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	25315	7.150	ug/l	# 16
44) Trichloroethene	7.135	130	48679	17.424	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29	2.743	ug/l	# 44
54) cis-1,3-Dichloropropene	8.385	75	100	2.195	ug/l	# 17
60) Dibromochloromethane	9.275	129	855	3.381	ug/l	# 11
64) Tetrachloroethene	9.281	164	888	0.327	ug/l	# 75
76) 1,2,3-Trichloropropane	11.085	75	86951	29.889	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	86951	80.270	ug/l	# 12
95) Naphthalene	13.780	128	485	1.319	ug/l	# 81

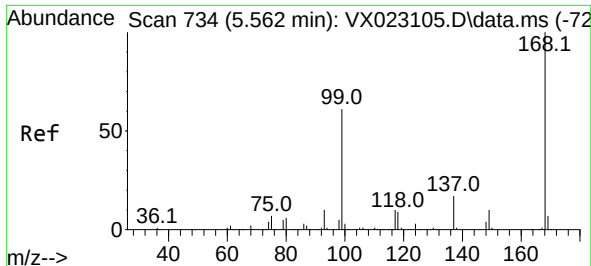
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

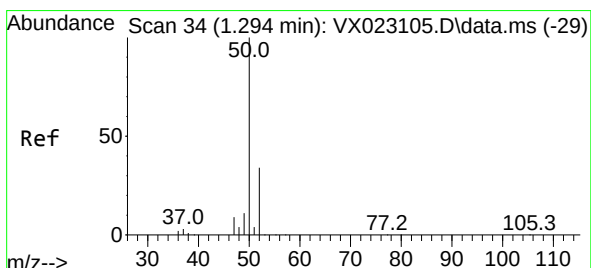
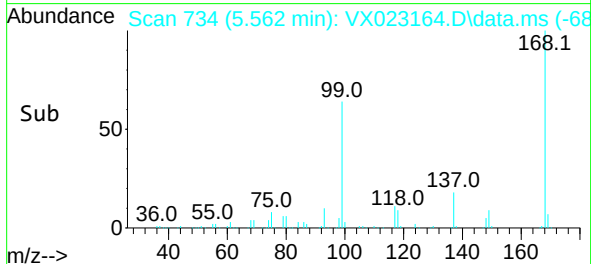
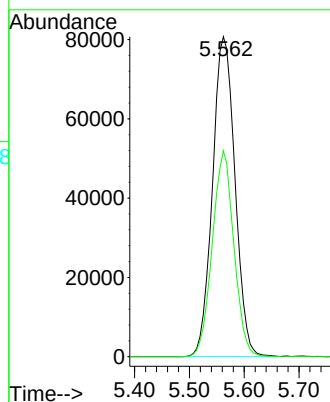
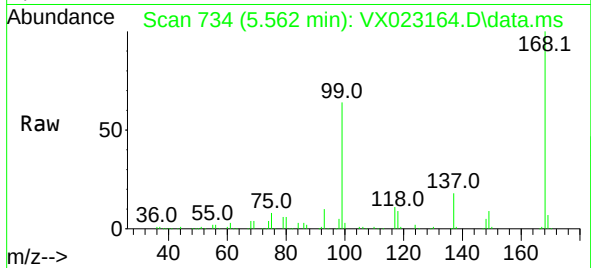




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

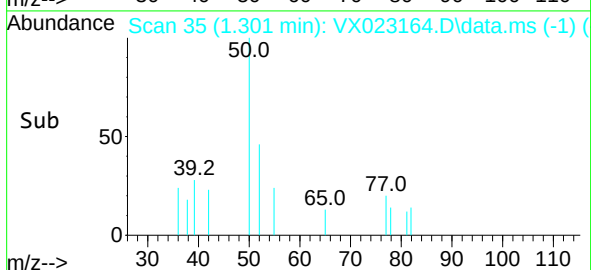
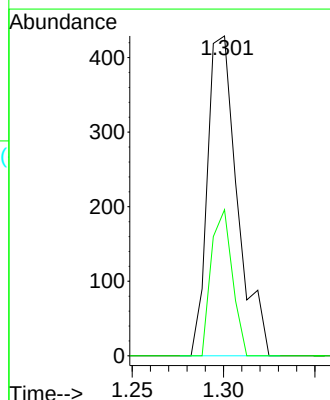
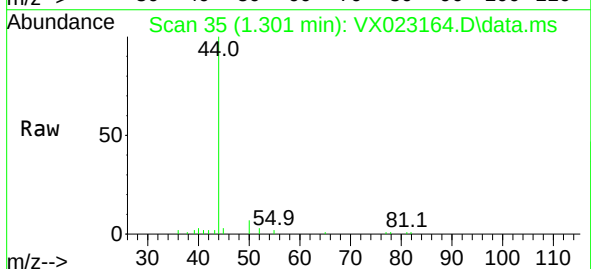
Instrument :
MSVOA_X
ClientSampleId :

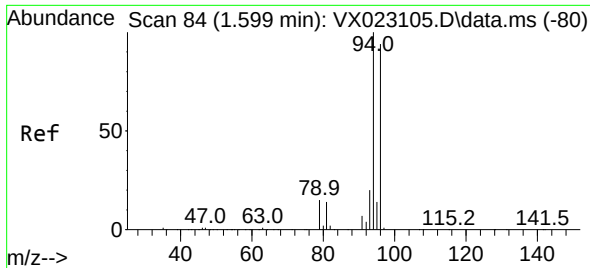
Tgt Ion:168 Resp: 229848
Ion Ratio Lower Upper
168 100
99 64.3 45.8 68.6



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 45.7 26.4 39.6#

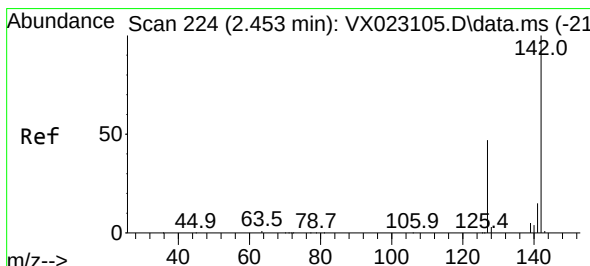
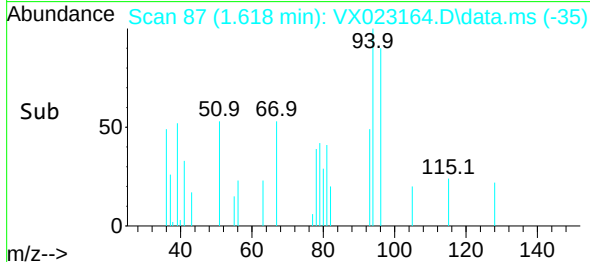
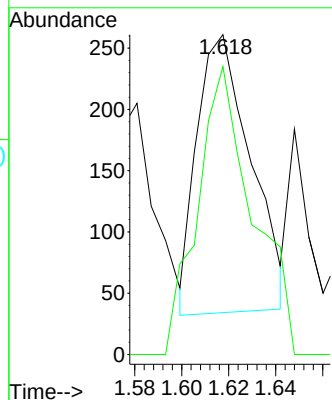
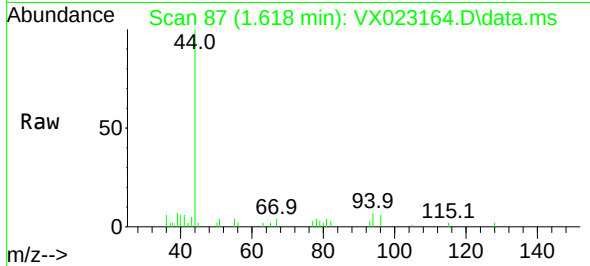




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

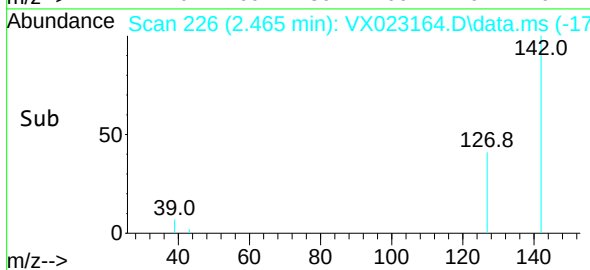
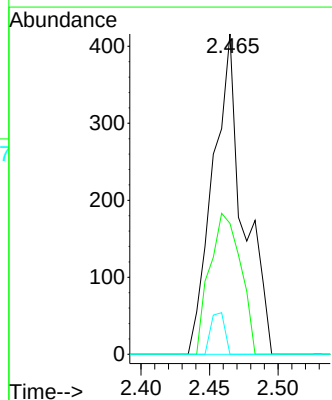
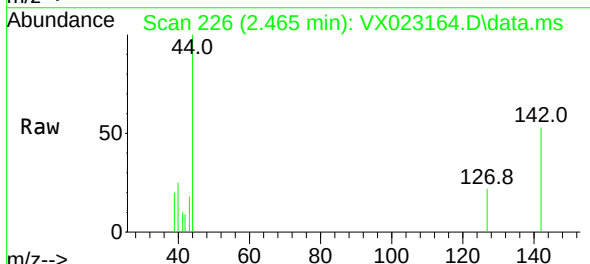
Instrument :
MSVOA_X
ClientSampleId :

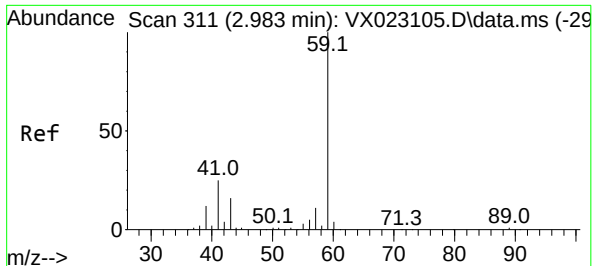
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 77.8 76.4 114.6



#10
Methyl Iodide
Concen: 0.236 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion: 142 Resp: 642
Ion Ratio Lower Upper
142 100
127 44.7 33.3 49.9
141 5.9 11.4 17.0#



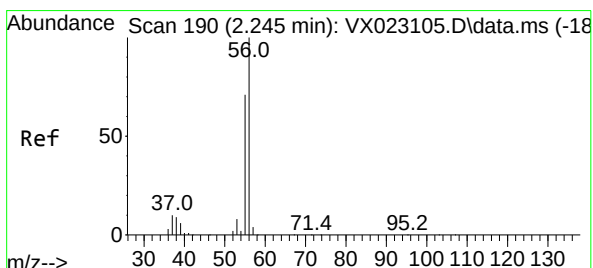
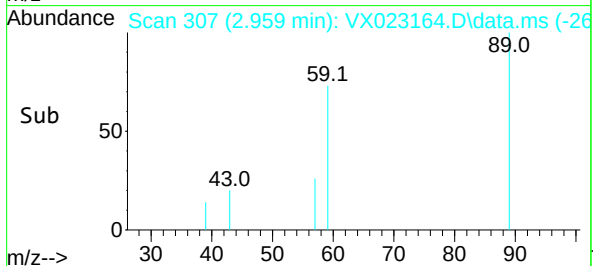
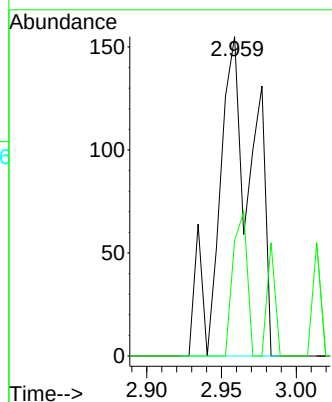
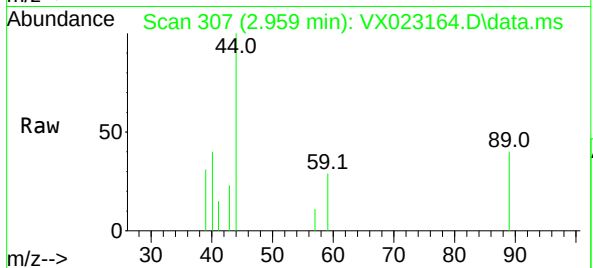


#11

Tert butyl alcohol
Concen: 0.386 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Instrument :
MSVOA_X
ClientSampled :

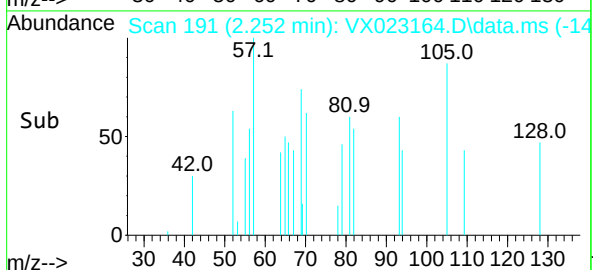
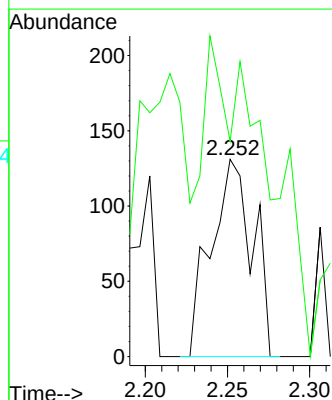
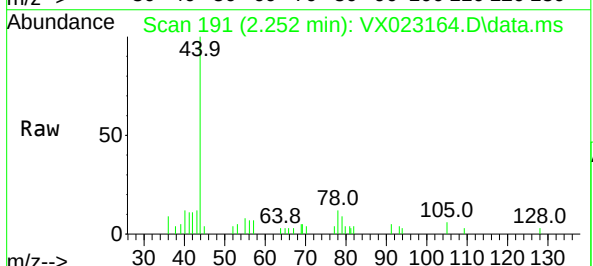
Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 18.3 7.8 11.8#

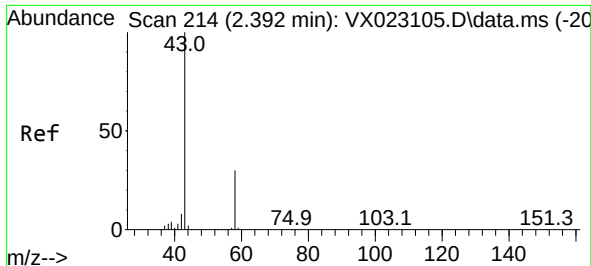


#13

Acrolein
Concen: 0.536 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion: 56 Resp: 232
Ion Ratio Lower Upper
56 100
55 38.8 56.4 84.6#

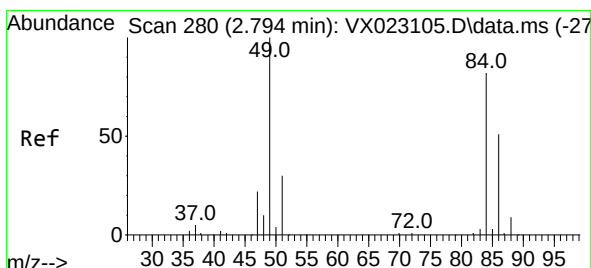
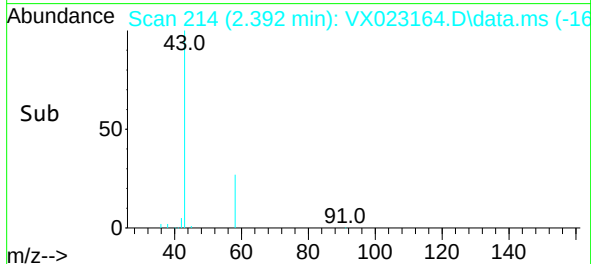
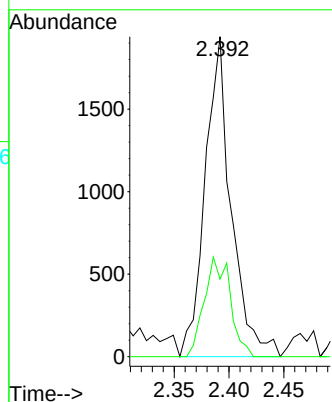
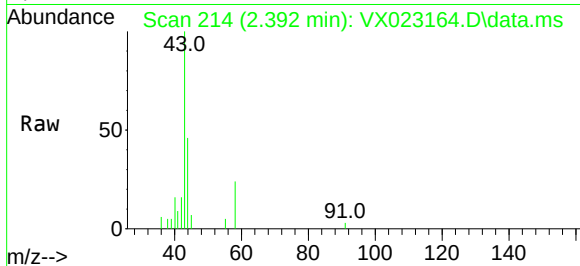




#16
Acetone
Concen: 2.624 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

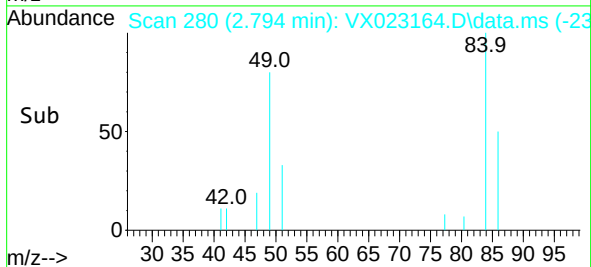
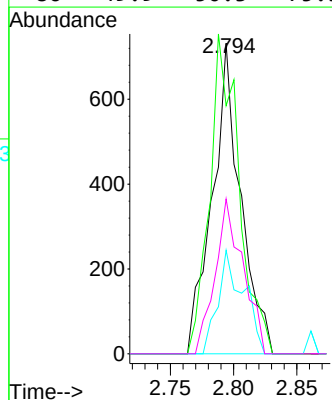
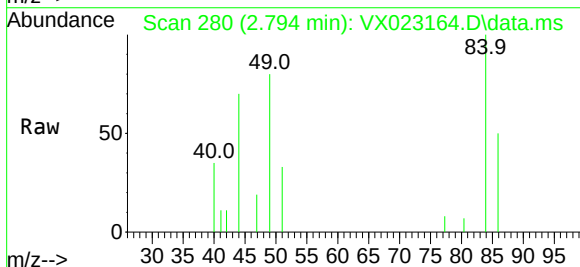
Instrument :
MSVOA_X
ClientSampled :

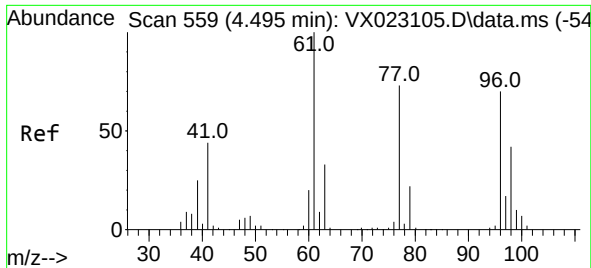
Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#



#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion: 84 Resp: 1139
Ion Ratio Lower Upper
84 100
49 79.9 88.6 132.8#
51 33.3 27.0 40.6
86 49.9 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 3.133 ug/l

RT: 4.501 min Scan# 560

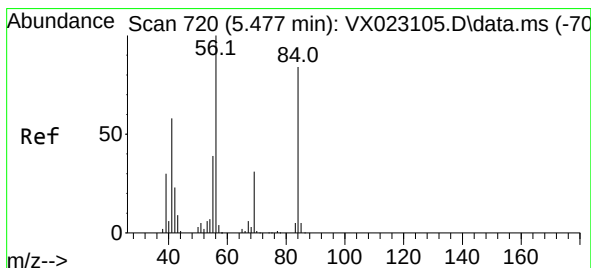
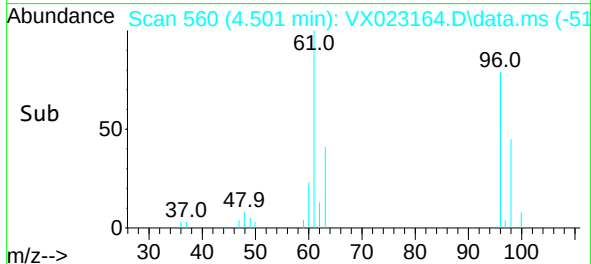
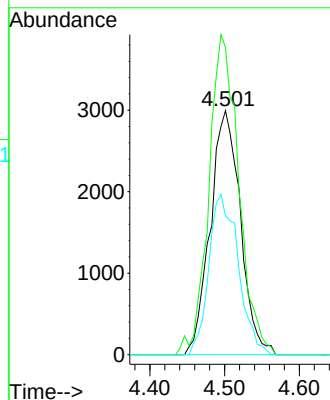
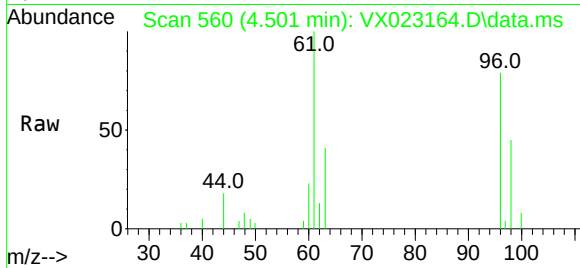
Delta R.T. 0.006 min

Lab File: VX023164.D

Acq: 07 Jul 2021 11:56

Tgt Ion: 96 Resp: 8397

Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	285.6
98	64.2	0.0	129.6



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 5.562 min Scan# 734

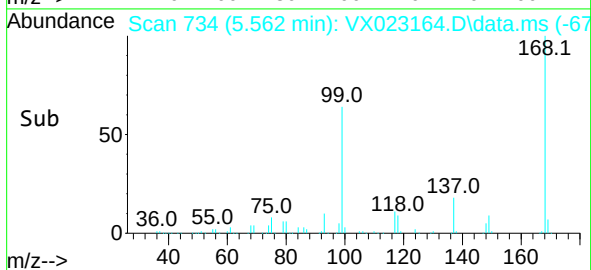
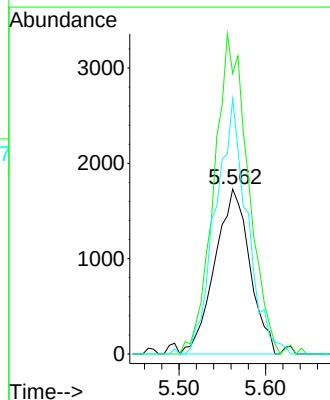
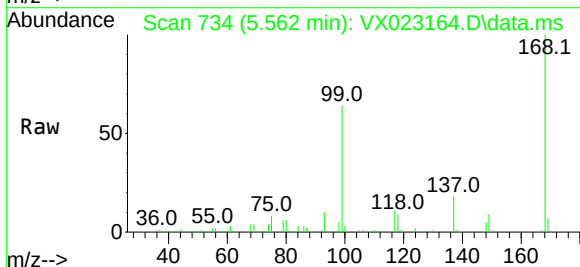
Delta R.T. 0.085 min

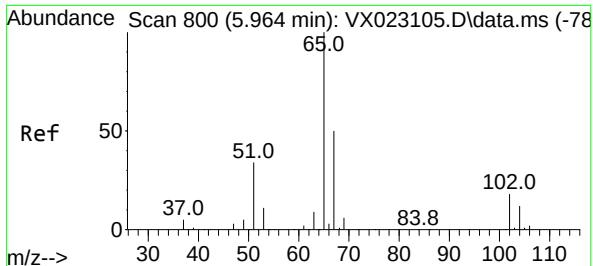
Lab File: VX023164.D

Acq: 07 Jul 2021 11:56

Tgt Ion: 56 Resp: 4843

Ion	Ratio	Lower	Upper
56	100		
69	170.3	25.3	37.9#
84	154.9	71.4	107.0#



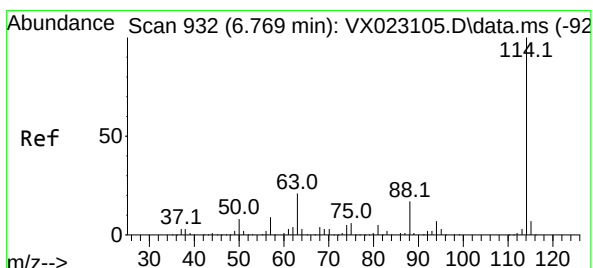
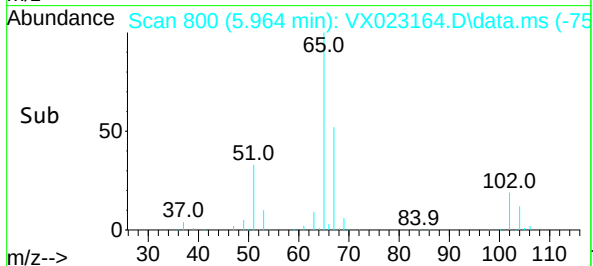
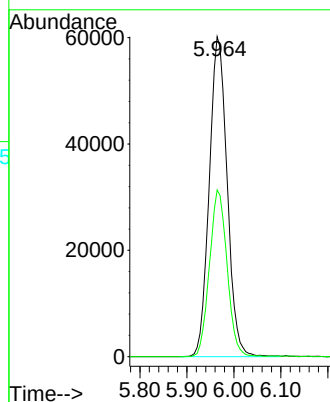
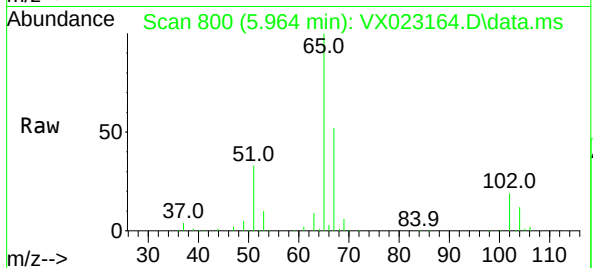


#33

1,2-Dichloroethane-d4
Concen: 51.477 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Instrument :
MSVOA_X
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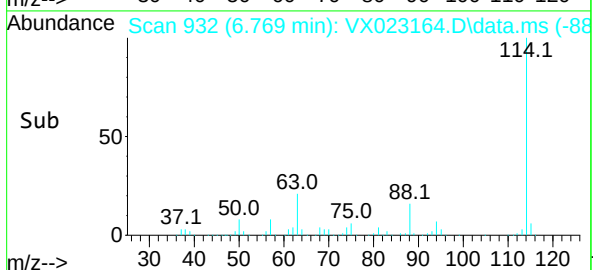
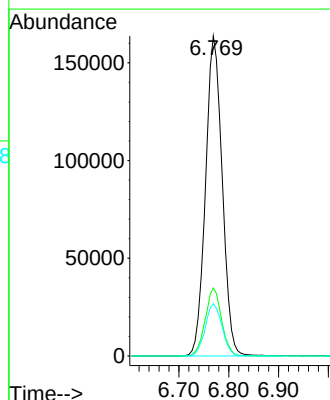
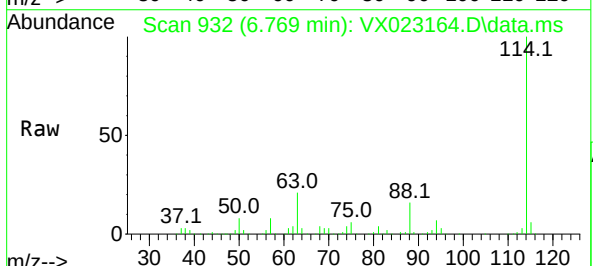
Tgt Ion: 65 Resp: 159021
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

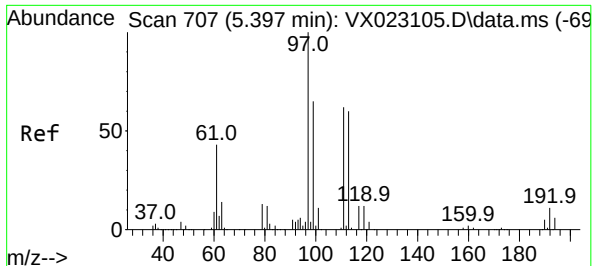


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion: 114 Resp: 380502
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.3 0.0 32.8

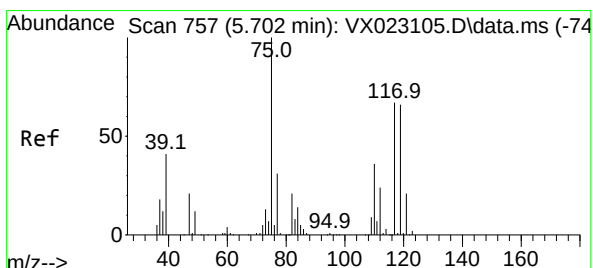
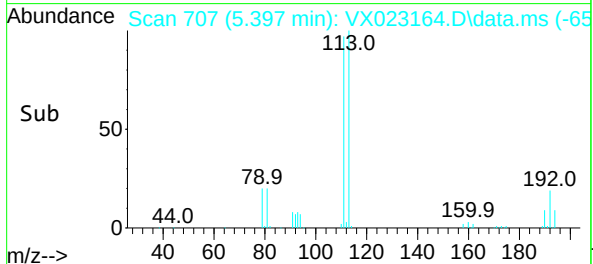
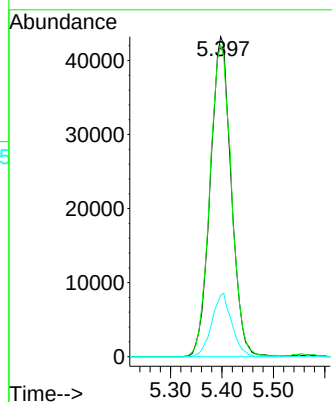
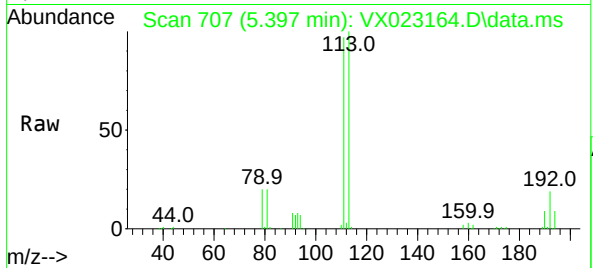




#35
Dibromofluoromethane
Concen: 49.737 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

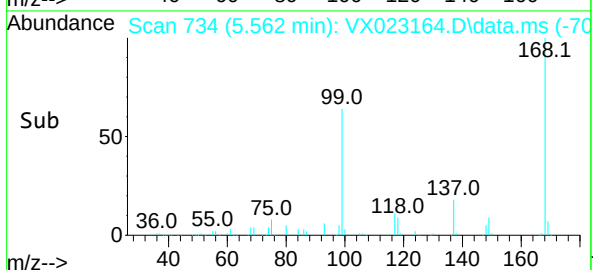
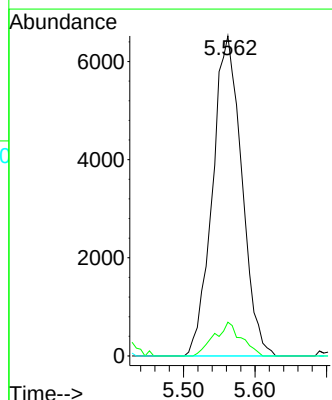
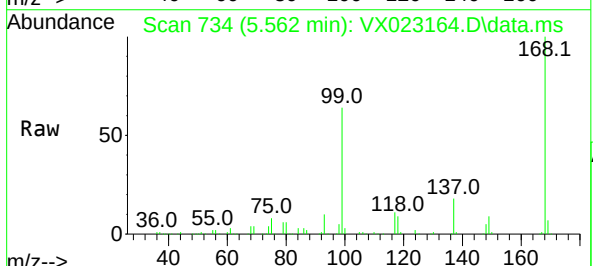
Instrument :
MSVOA_X
ClientSampled :

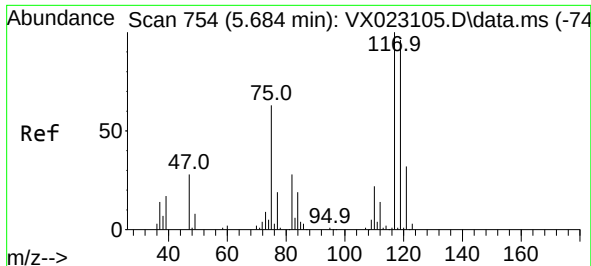
Tgt Ion:113 Resp: 122211
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.461 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

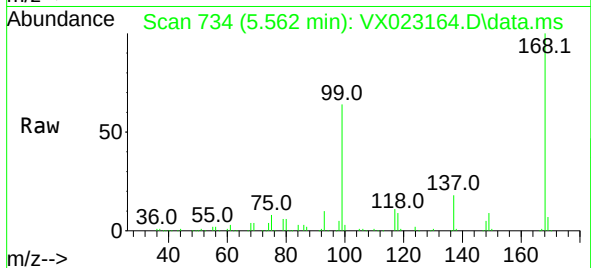
Tgt Ion: 75 Resp: 18523
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



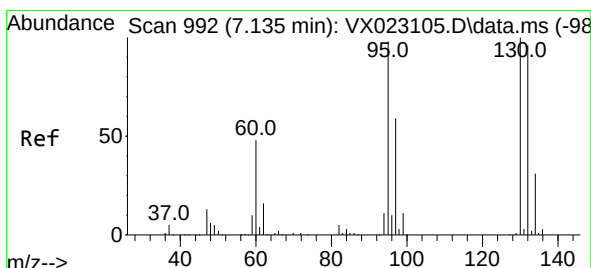
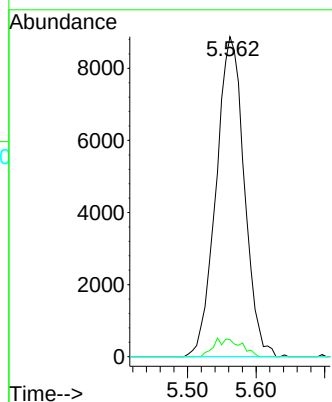
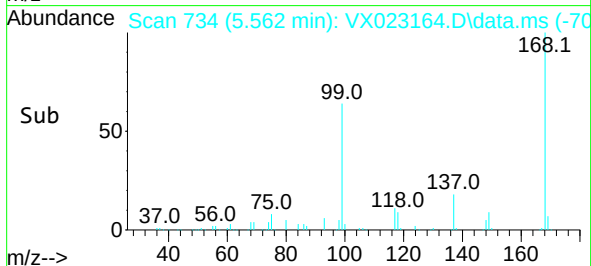


#38
Carbon Tetrachloride
Concen: 7.150 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

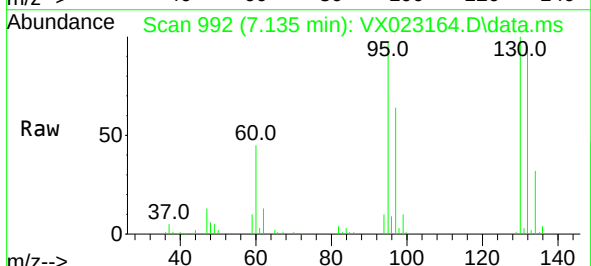
Instrument :
MSVOA_X
ClientSampled :



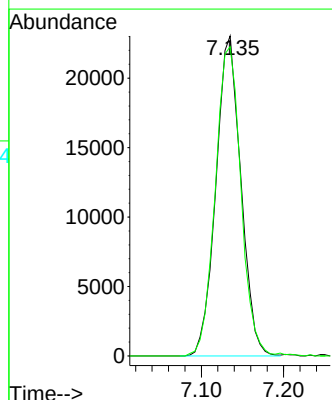
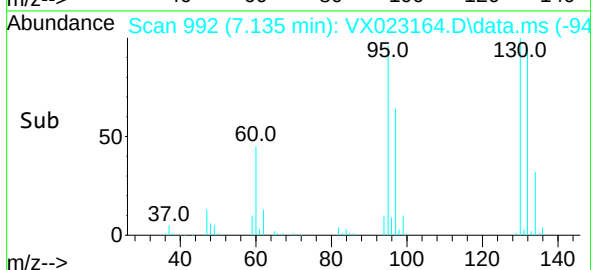
Tgt Ion:117 Resp: 25315
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

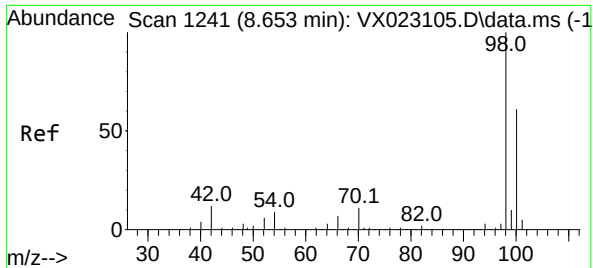


#44
Trichloroethene
Concen: 17.424 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56



Tgt Ion:130 Resp: 48679
Ion Ratio Lower Upper
130 100
95 96.7 0.0 198.0

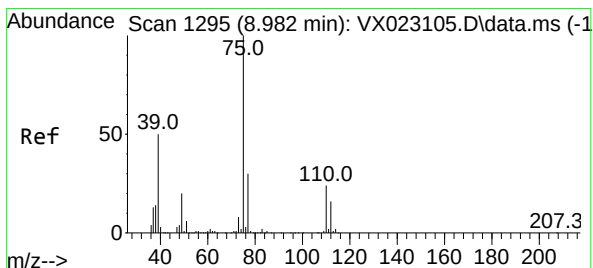
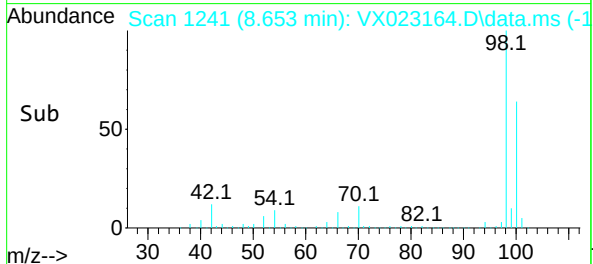
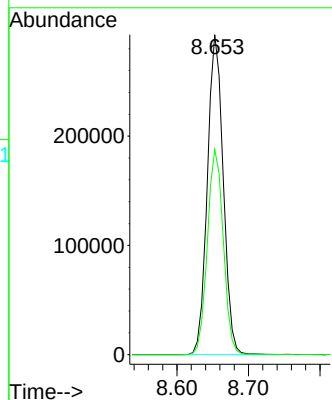
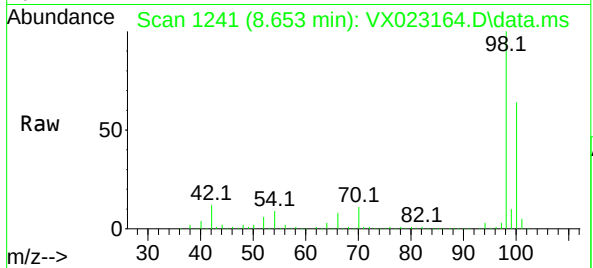




#50
Toluene-d8
Concen: 49.226 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

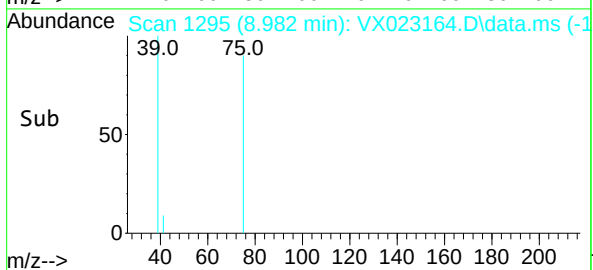
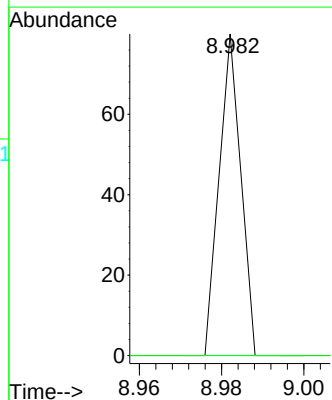
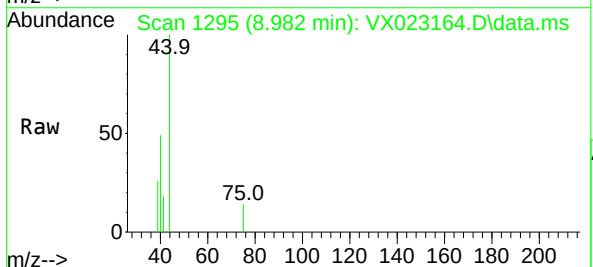
Instrument :
MSVOA_X
ClientSampled :

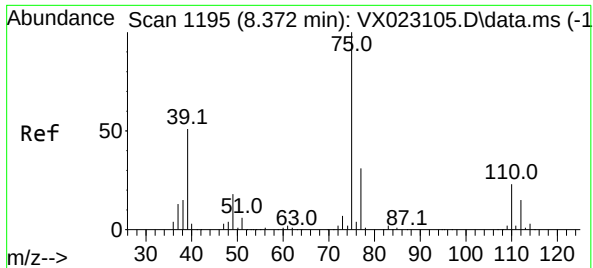
Tgt Ion: 98 Resp: 451188
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.743 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

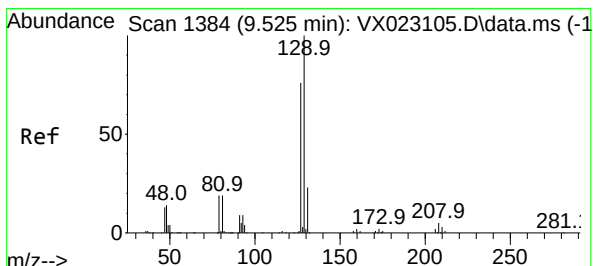
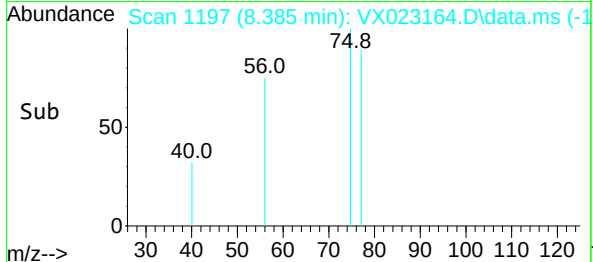
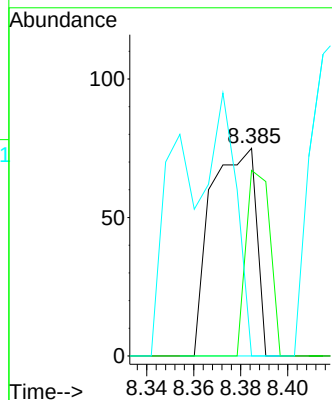
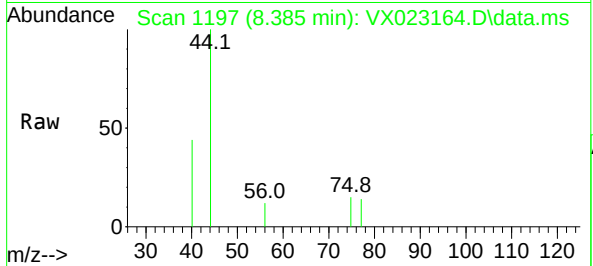




#54
 cis-1,3-Dichloropropene
 Concen: 2.195 ug/l
 RT: 8.385 min Scan# 1197
 Delta R.T. 0.013 min
 Lab File: VX023164.D
 Acq: 07 Jul 2021 11:56

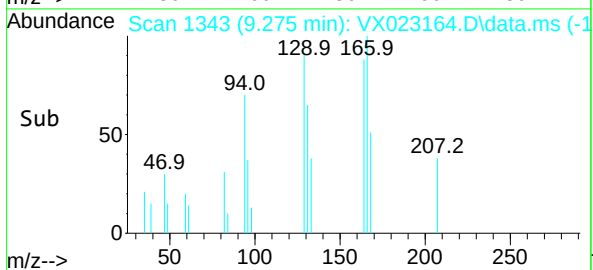
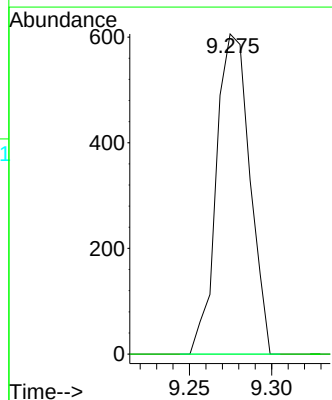
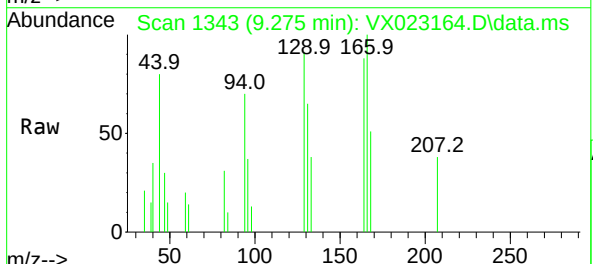
Instrument :
 MSVOA_X
 ClientSampled :

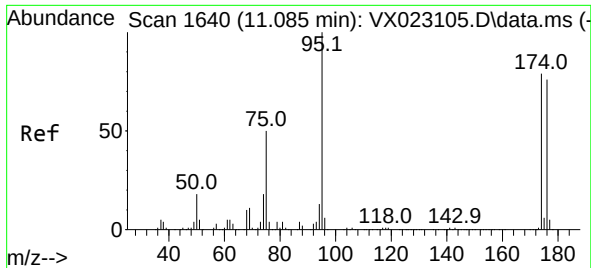
Tgt Ion: 75 Resp: 100
 Ion Ratio Lower Upper
 75 100
 77 89.3 25.7 38.5#
 39 0.0 35.1 52.7#



#60
 Dibromochloromethane
 Concen: 3.381 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.250 min
 Lab File: VX023164.D
 Acq: 07 Jul 2021 11:56

Tgt Ion: 129 Resp: 855
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.4 115.2#

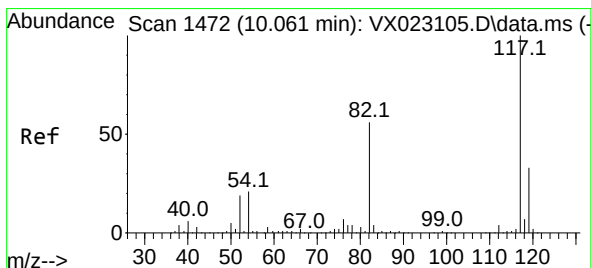
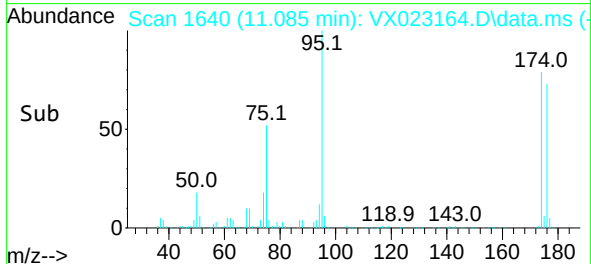
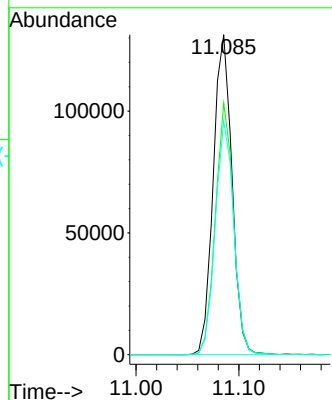
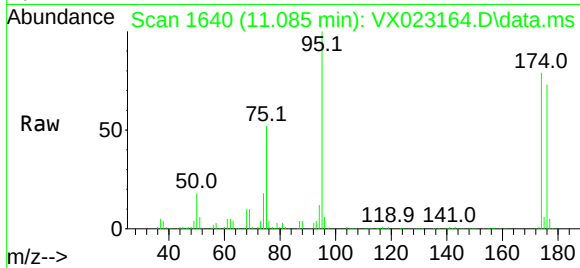




#62
4-Bromofluorobenzene
Concen: 46.868 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

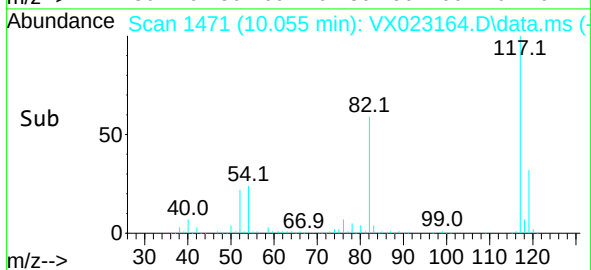
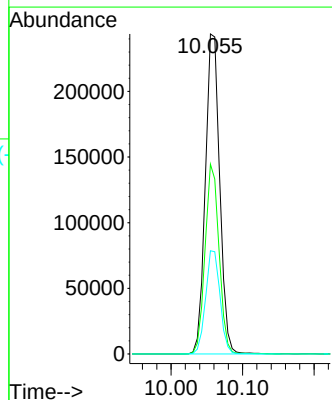
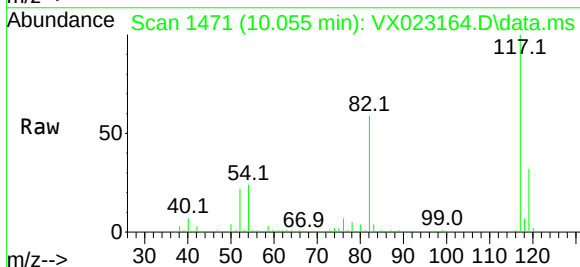
Instrument :
MSVOA_X
ClientSampleId :

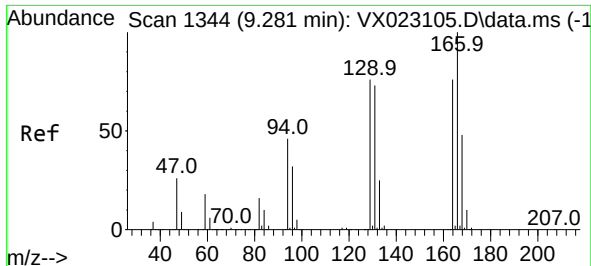
Tgt Ion: 95 Resp: 165839
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 72.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

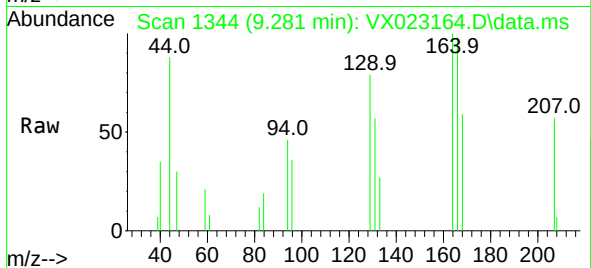
Tgt Ion: 117 Resp: 340469
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.3 26.6 39.8



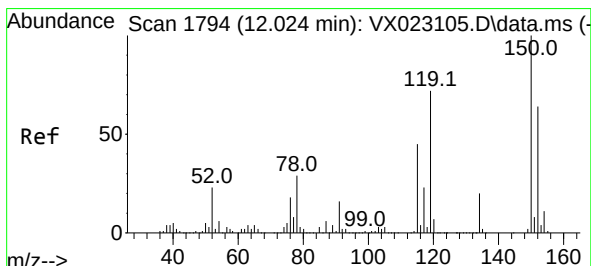
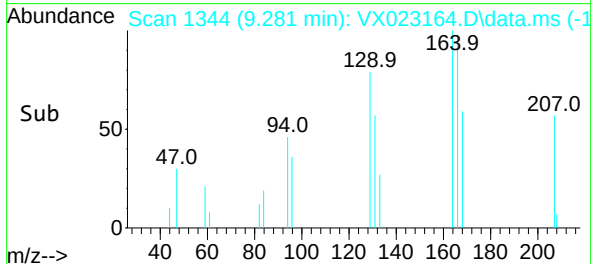
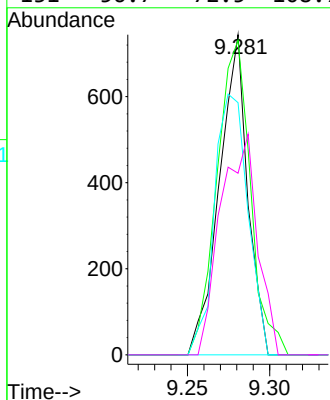


#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Instrument :
MSVOA_X
ClientSampleId :

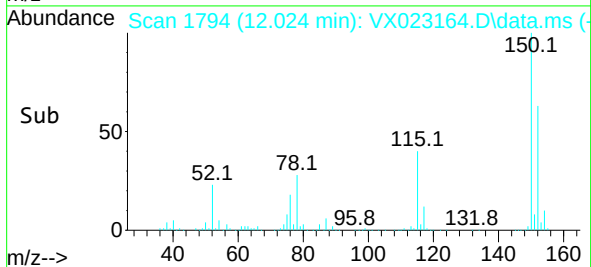
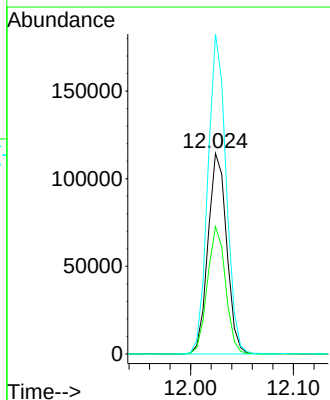
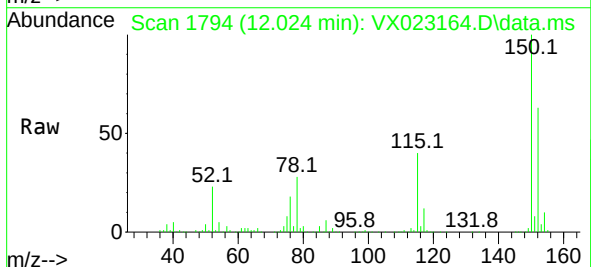


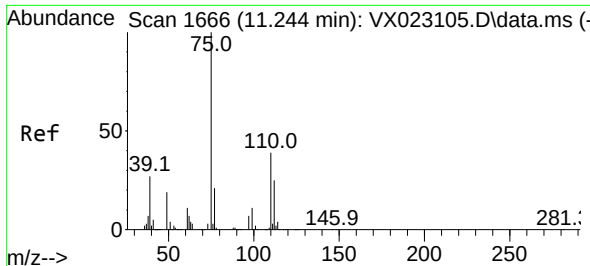
Tgt Ion:164 Resp: 888
Ion Ratio Lower Upper
164 100
166 98.3 103.4 155.2#
129 78.8 70.8 106.2
131 56.7 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Tgt Ion:152 Resp: 144564
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 155.7 0.0 349.0

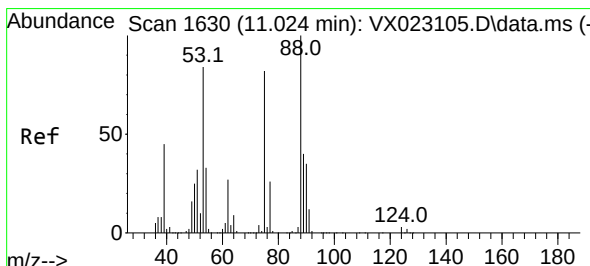
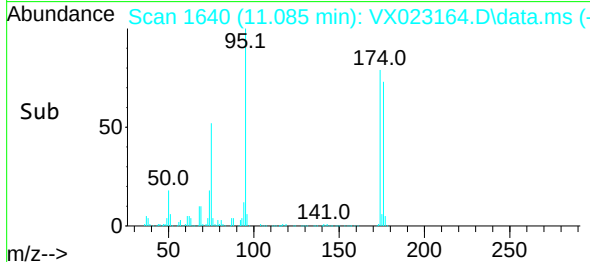
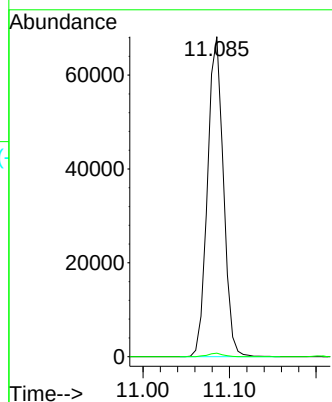
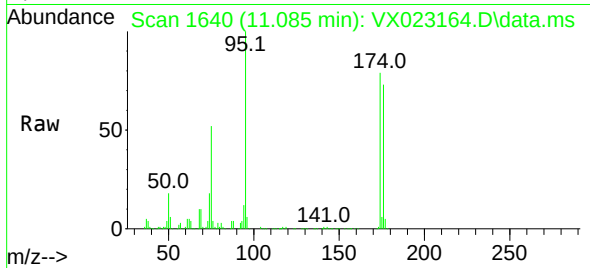




#76
1,2,3-Trichloropropane
Concen: 29.889 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

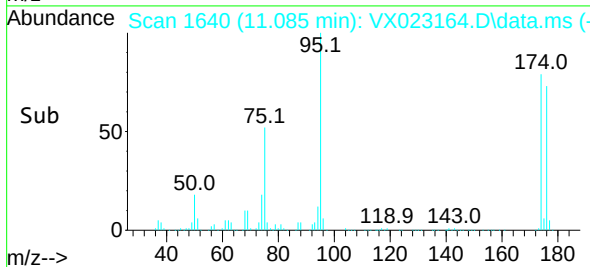
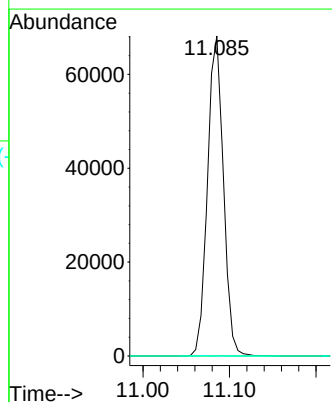
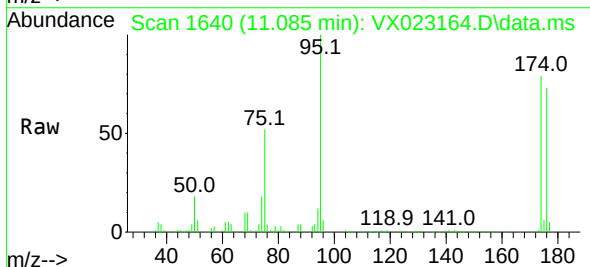
Instrument :
MSVOA_X
ClientSampled :

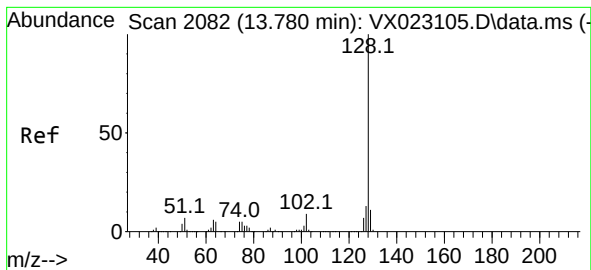
Tgt Ion: 75 Resp: 86951
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.270 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

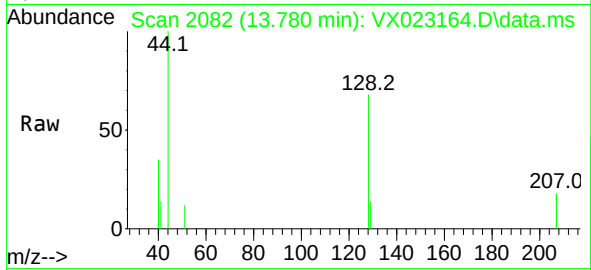
Tgt Ion: 75 Resp: 86951
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.319 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023164.D
Acq: 07 Jul 2021 11:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 485
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 12.2 8.8 13.2

