

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023274.D
 Acq On : 14 Jul 2021 13:13
 Operator : JC/MD
 Sample : M2920-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:26:21 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)

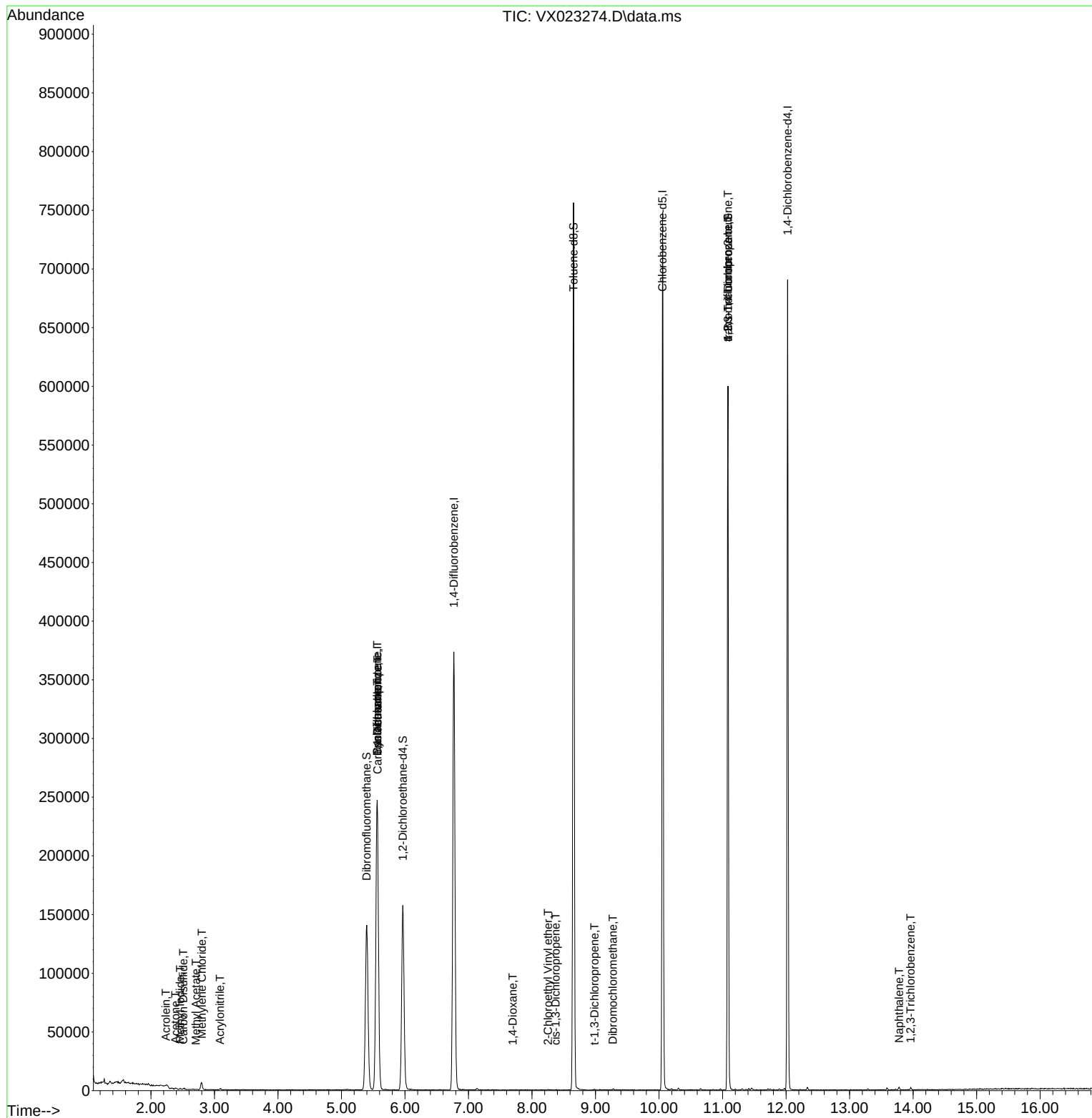
Internal Standards						
1) Pentafluorobenzene	5.562	168	234179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157288	49.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.940%
35) Dibromofluoromethane	5.397	113	122389	49.816	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	8.653	98	447280	48.805	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.085	95	158216	44.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	554	Below Cal		99
10) Methyl Iodide	2.459	142	735	0.265	ug/l #	81
13) Acrolein	2.233	56	148	0.336	ug/l #	1
15) Acrylonitrile	3.087	53	298	0.231	ug/l #	92
16) Acetone	2.386	43	988	0.793	ug/l #	78
17) Carbon Disulfide	2.508	76	1081	0.246	ug/l #	75
18) Methyl Acetate	2.709	43	624	0.206	ug/l #	63
20) Methylene Chloride	2.800	84	2966	1.106	ug/l #	92
31) Cyclohexane	5.562	56	4874	1.293	ug/l #	6
36) 1,1-Dichloropropene	5.562	75	17941	5.290	ug/l #	50
38) Carbon Tetrachloride	5.568	117	24294	6.862	ug/l #	15
49) 1,4-Dioxane	7.696	88	25	0.368	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	148	2.770	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	19	2.177	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.251	63	116	4.740	ug/l #	45
60) Dibromochloromethane	9.275	129	202	3.176	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	81612	29.091	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	81612	78.253	ug/l #	12
95) Naphthalene	13.780	128	1643	1.429	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	576	0.203	ug/l	94

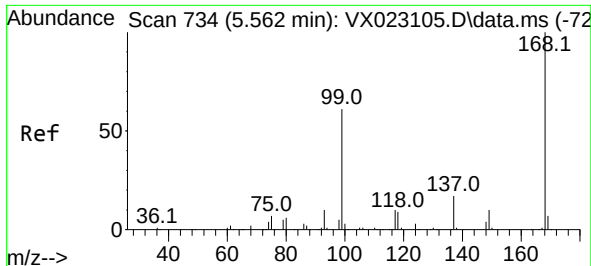
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

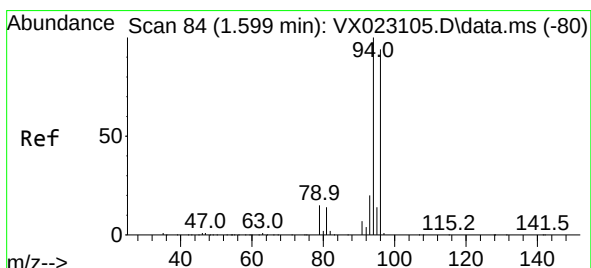
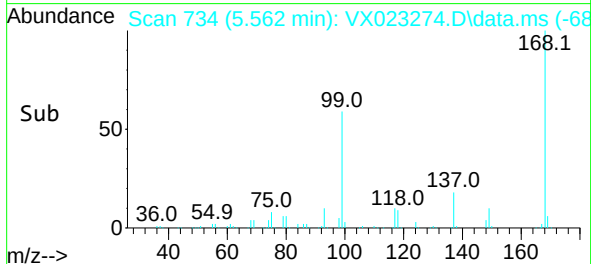
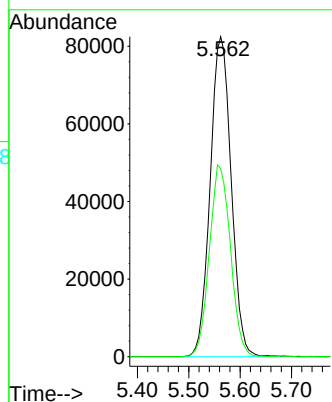
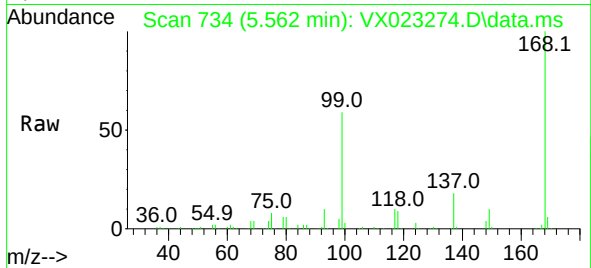




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

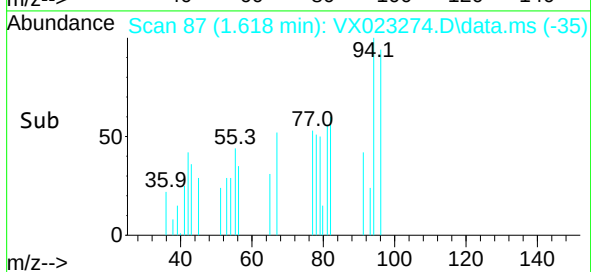
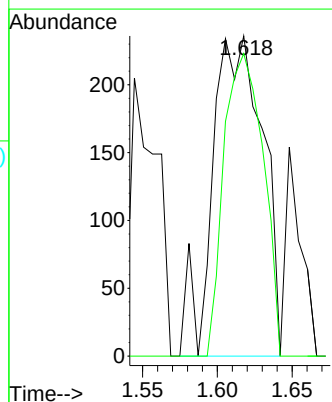
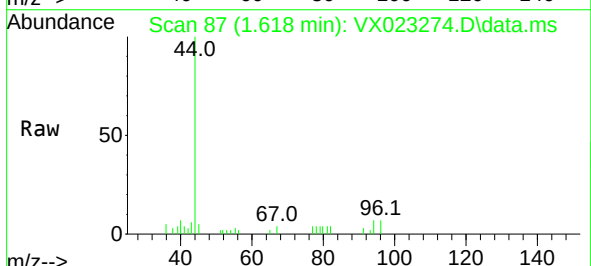
Instrument :
MSVOA_X
ClientSampleId :

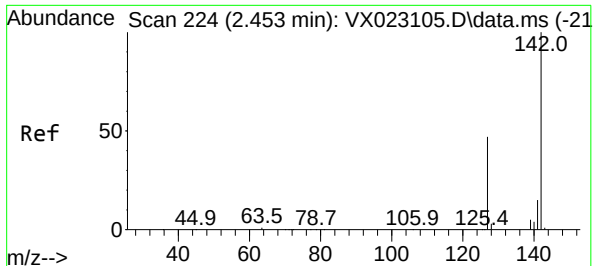
Tgt Ion:168 Resp: 234179
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

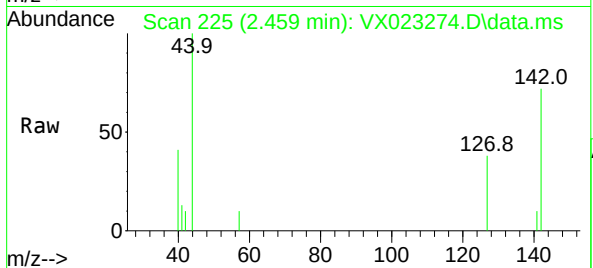
Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 94.5 76.4 114.6



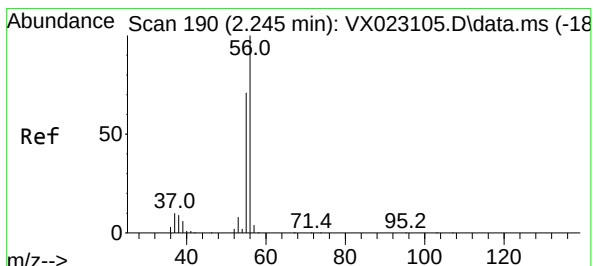
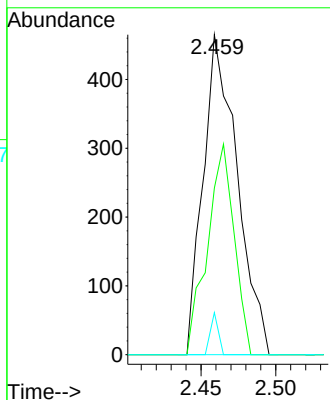
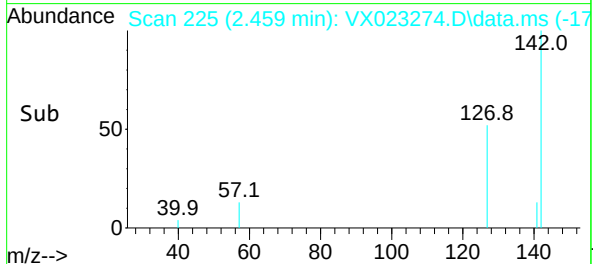


#10
Methyl Iodide
Concen: 0.265 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

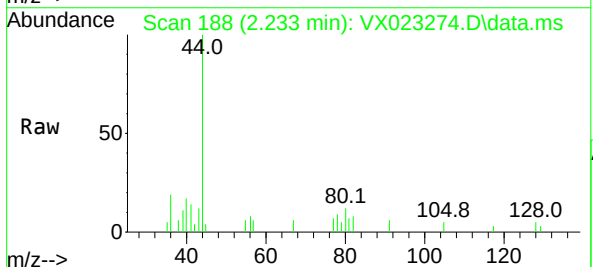
Instrument :
MSVOA_X
ClientSampled :



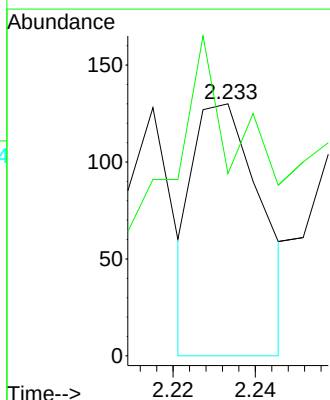
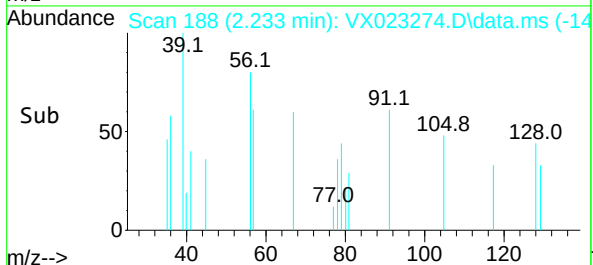
Tgt Ion:142 Resp: 735
Ion Ratio Lower Upper
142 100
127 51.8 33.3 49.9#
141 3.0 11.4 17.0#

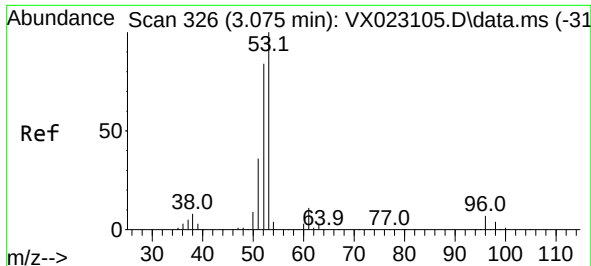


#13
Acrolein
Concen: 0.336 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13



Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 229.1 56.4 84.6#

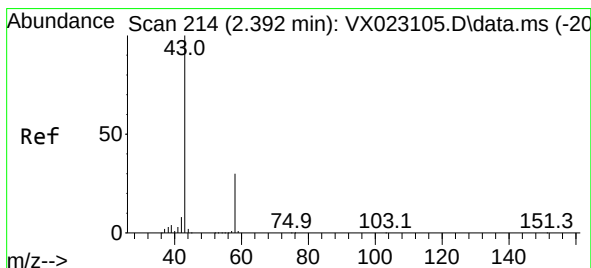
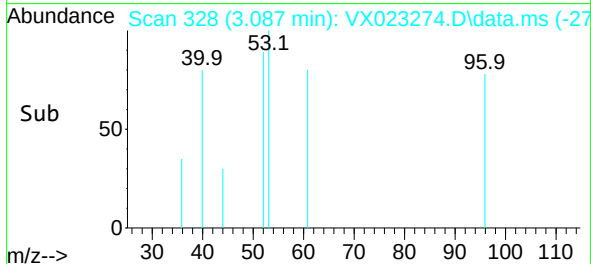
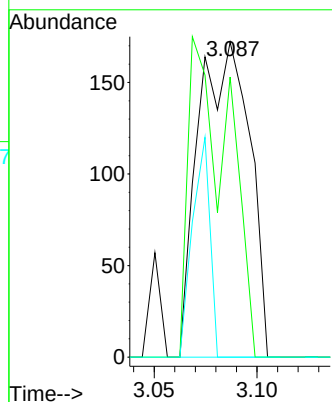
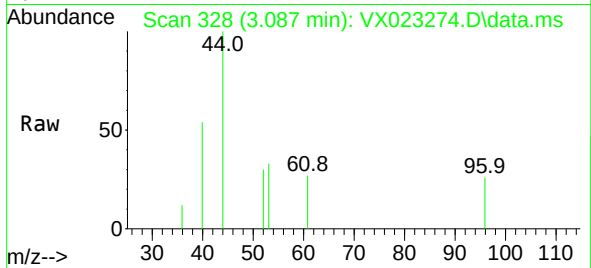




#15
Acrylonitrile
Concen: 0.231 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

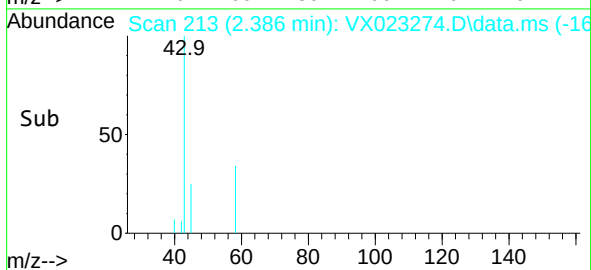
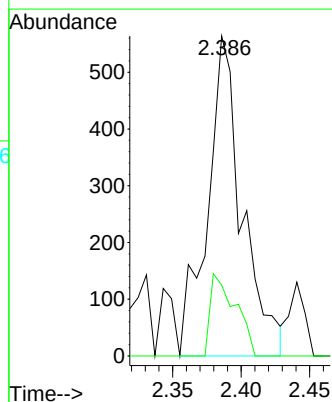
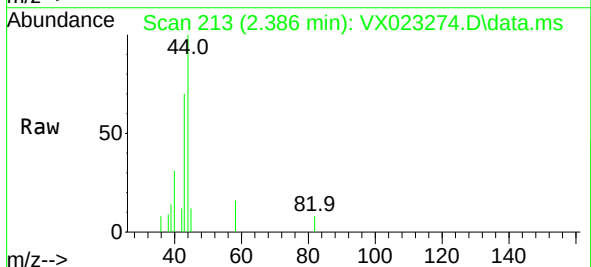
Instrument :
MSVOA_X
ClientSampleId :

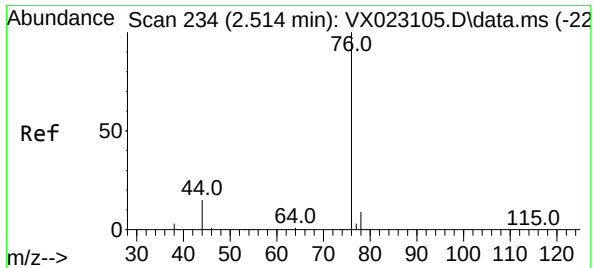
Tgt Ion: 53 Resp: 298
Ion Ratio Lower Upper
53 100
52 78.5 65.3 97.9
51 23.8 28.2 42.2#



#16
Acetone
Concen: 0.793 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 22.2 27.8 41.8#

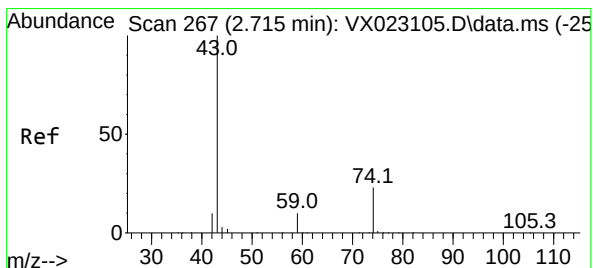
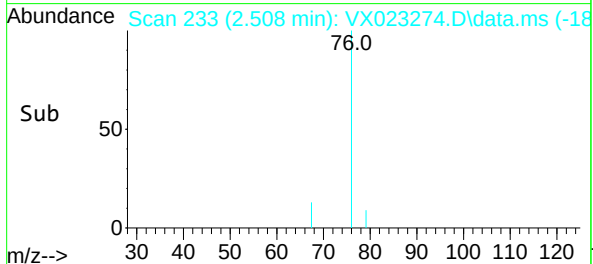
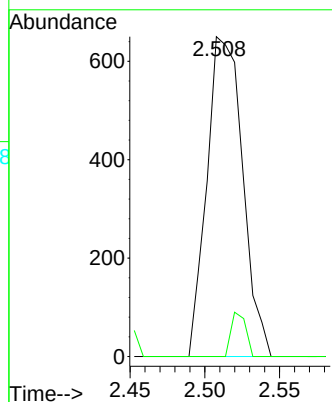
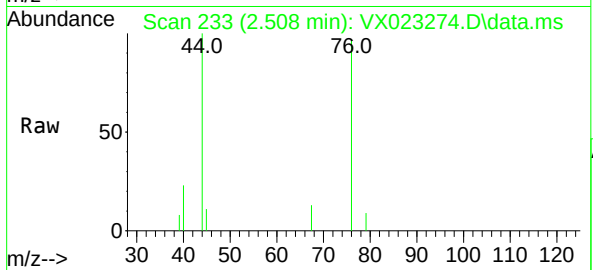




#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

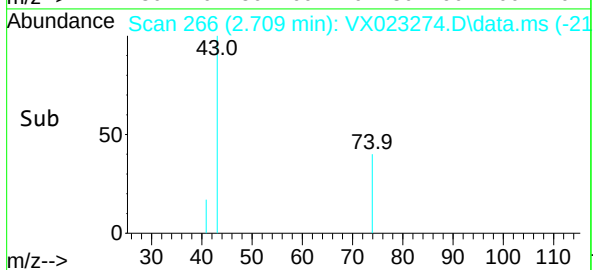
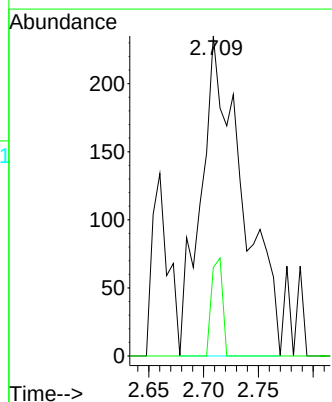
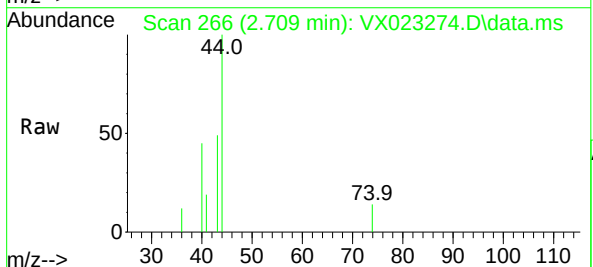
Instrument :
MSVOA_X
ClientSampled :

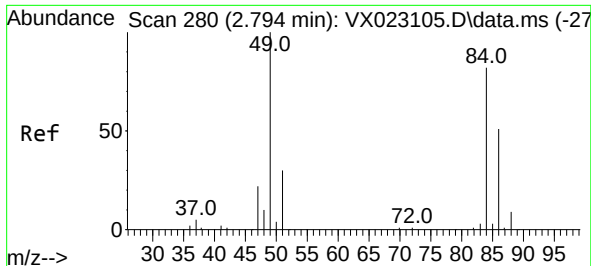
Tgt Ion: 76 Resp: 1081
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

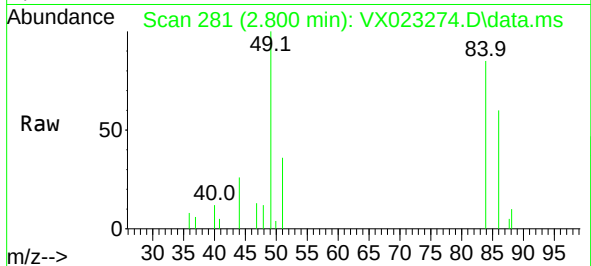
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
74 8.0 21.9 32.9#



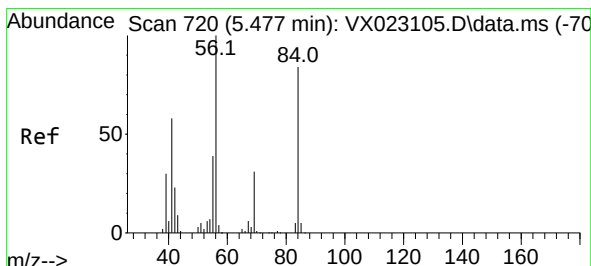
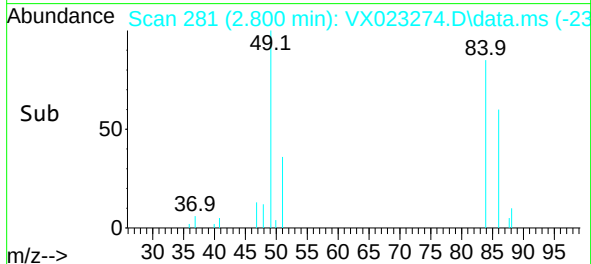
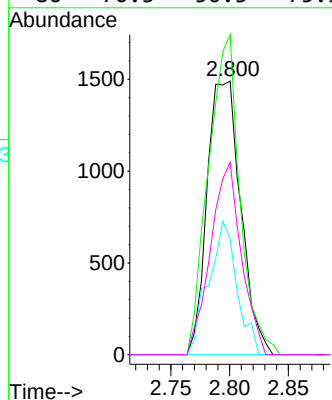


#20
Methylene Chloride
Concen: 1.106 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

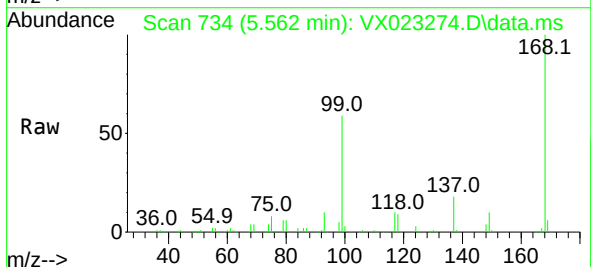
Instrument :
MSVOA_X
ClientSampled :



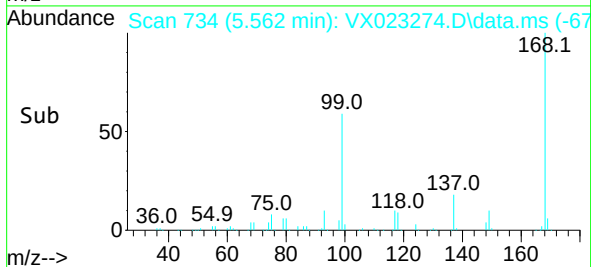
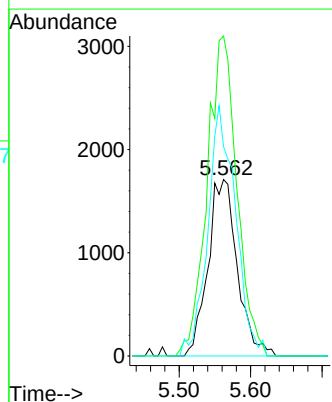
Tgt Ion: 84	Resp: 2966
Ion Ratio	Lower Upper
84 100	
49 117.0	88.6 132.8
51 42.3	27.0 40.6#
86 70.3	50.3 75.5

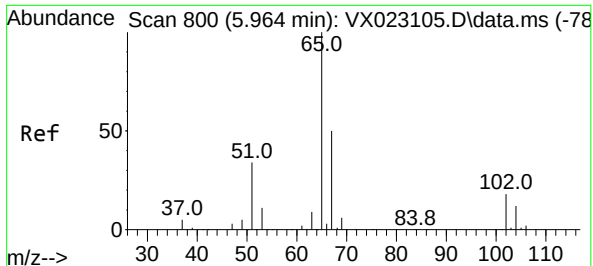


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13



Tgt Ion: 56	Resp: 4874
Ion Ratio	Lower Upper
56 100	
69 181.2	25.3 37.9#
84 118.5	71.4 107.0#



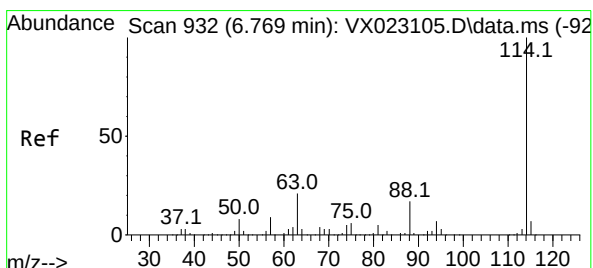
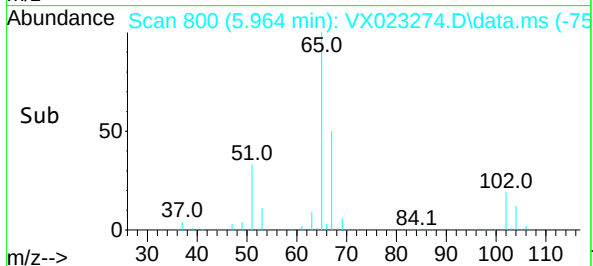
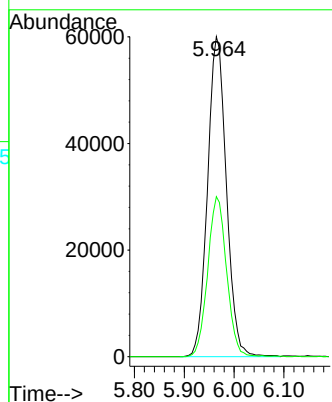
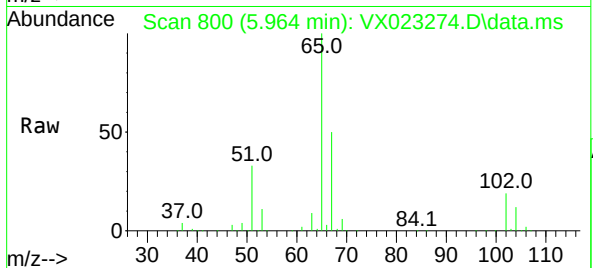


#33

1,2-Dichloroethane-d4
Concen: 49.975 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Instrument :
MSVOA_X
ClientSampled :

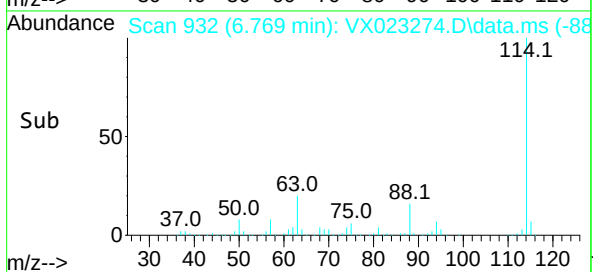
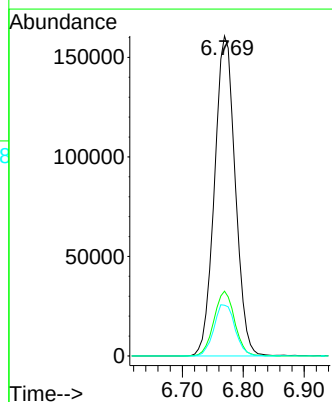
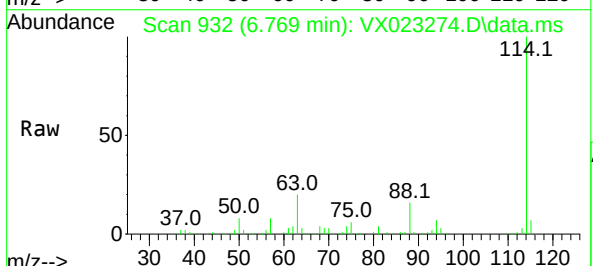
Tgt Ion: 65 Resp: 157288
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

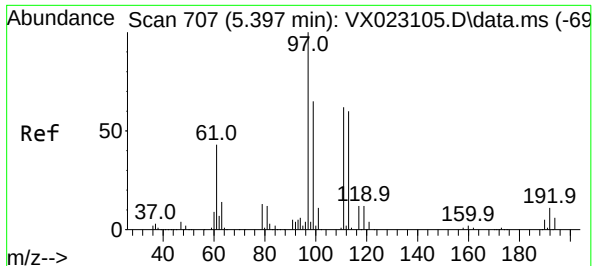


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion:114 Resp: 380459
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.816 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023274.D

Acq: 14 Jul 2021 13:13

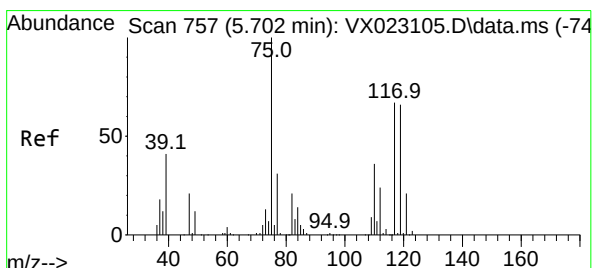
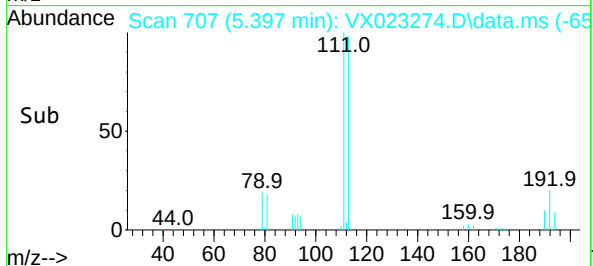
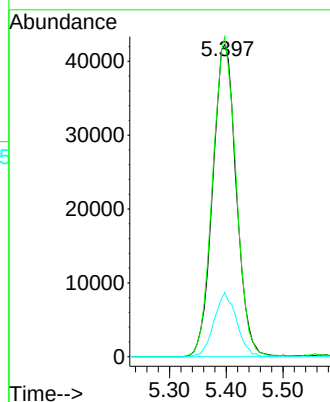
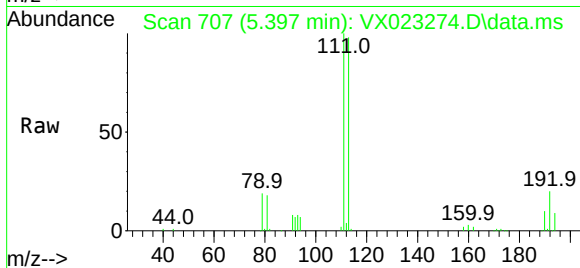
Tgt Ion:113 Resp: 122389

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 19.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.290 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023274.D

Acq: 14 Jul 2021 13:13

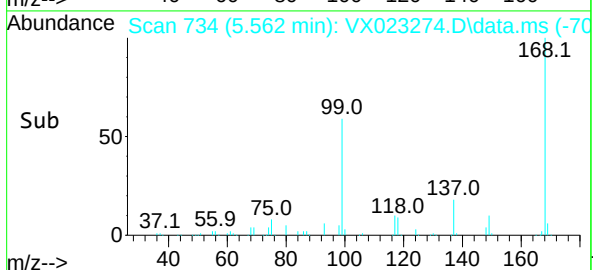
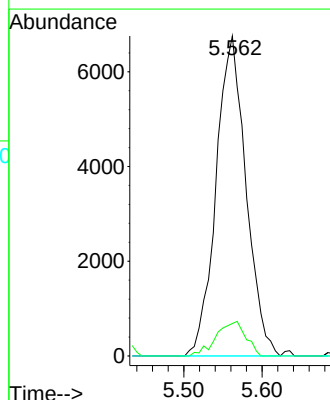
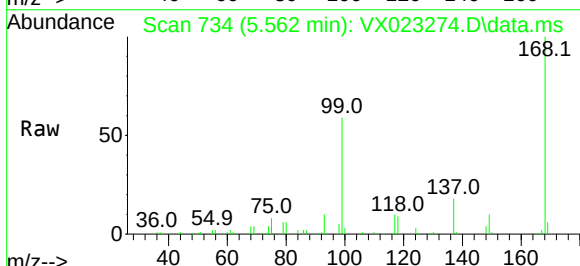
Tgt Ion: 75 Resp: 17941

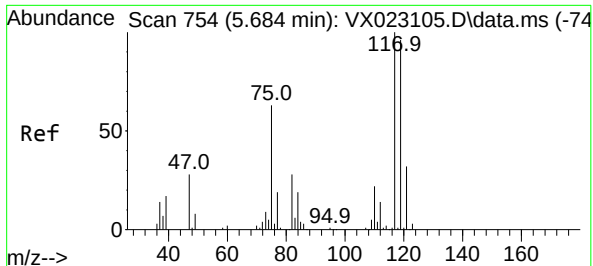
Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.4#

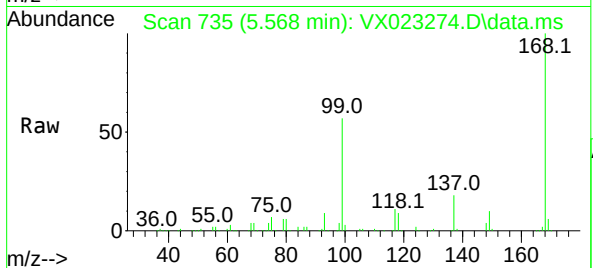
77 0.0 25.3 37.9#



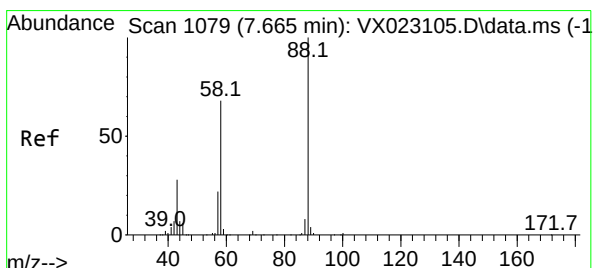
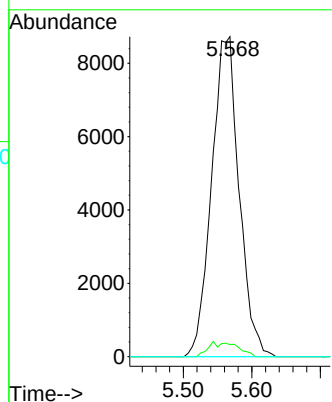
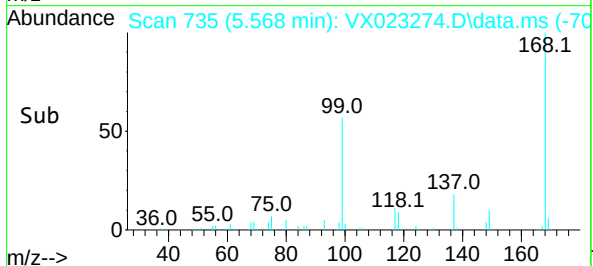


#38
Carbon Tetrachloride
Concen: 6.862 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

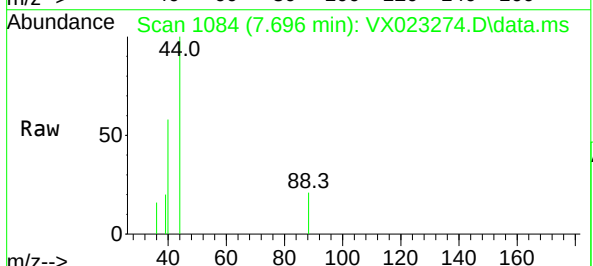
Instrument :
MSVOA_X
ClientSampled :



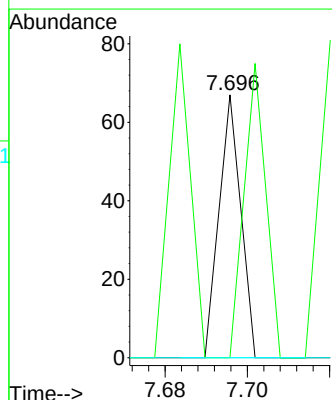
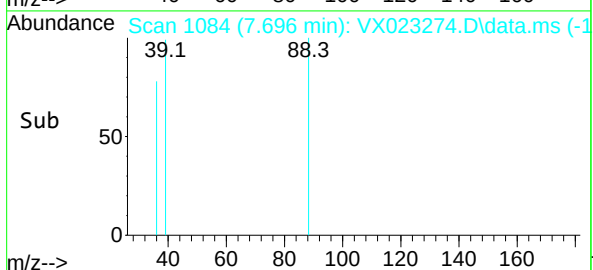
Tgt Ion:117 Resp: 24294
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

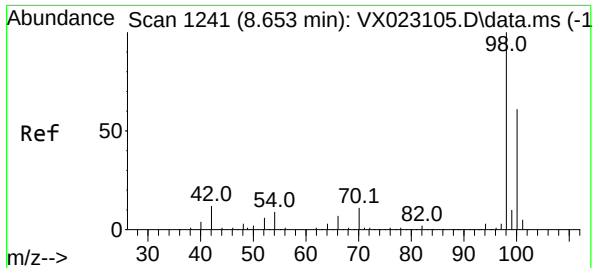


#49
1,4-Dioxane
Concen: 0.368 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.031 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13



Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 108.0 23.2 34.8#
58 0.0 55.0 82.4#

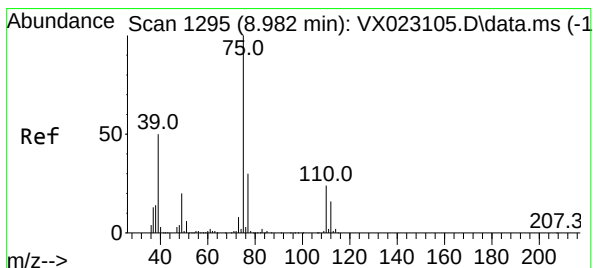
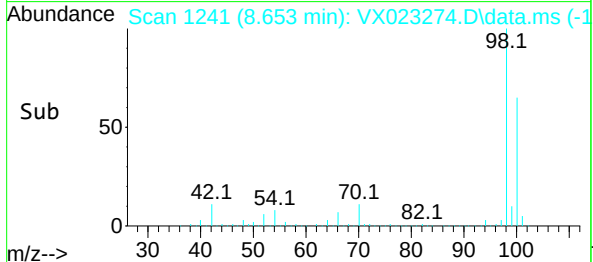
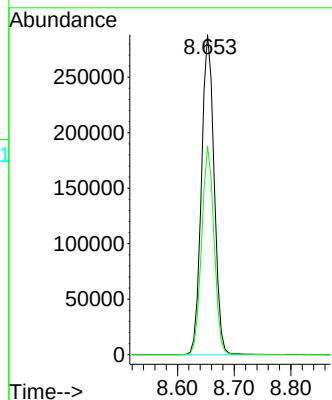
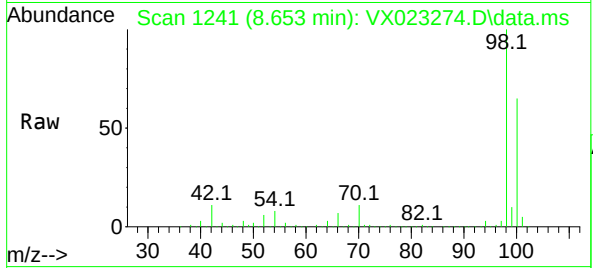




#50
Toluene-d8
Concen: 48.805 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

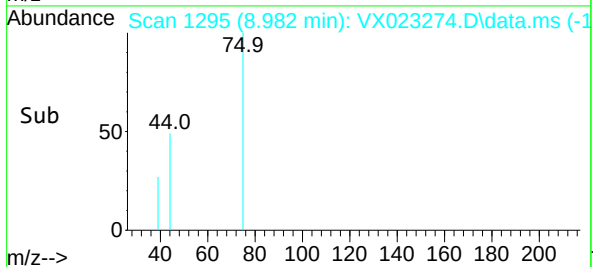
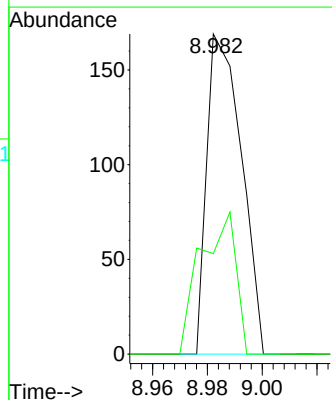
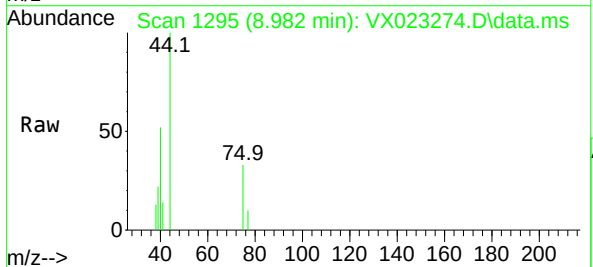
Instrument :
MSVOA_X
ClientSampled :

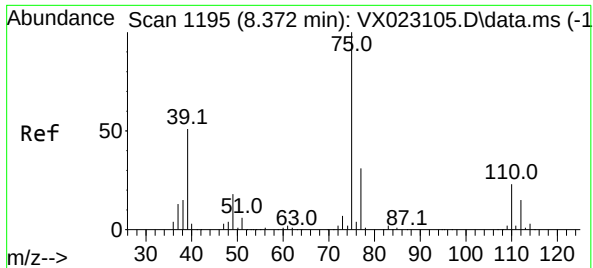
Tgt Ion: 98 Resp: 447280
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.770 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3

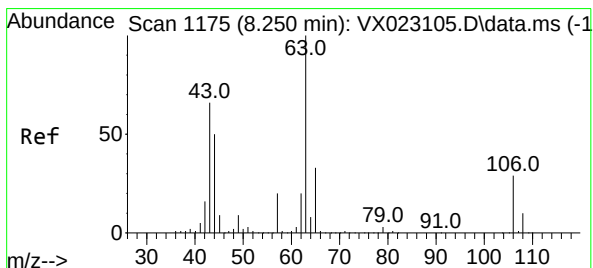
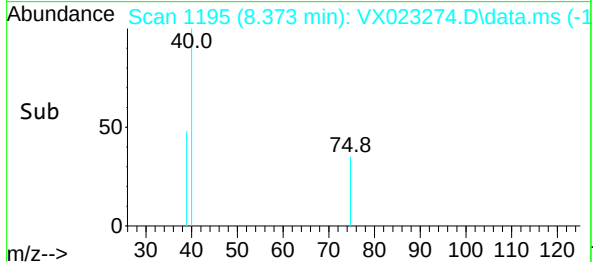
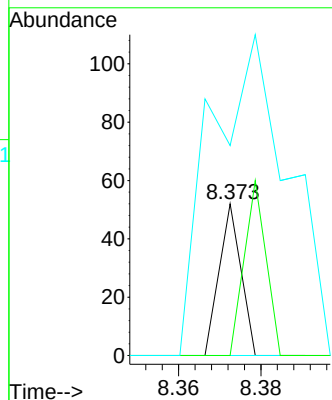
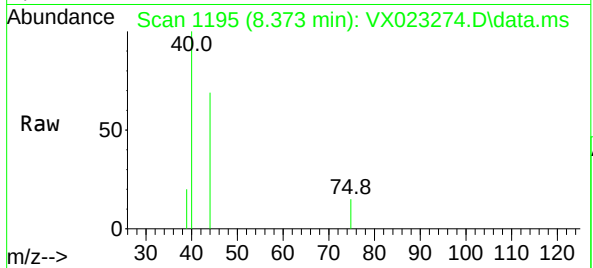




#54
 cis-1,3-Dichloropropene
 Concen: 2.177 ug/l
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.001 min
 Lab File: VX023274.D
 Acq: 14 Jul 2021 13:13

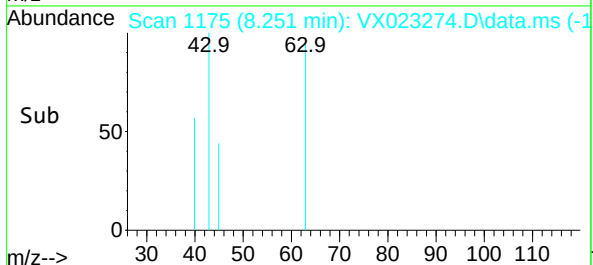
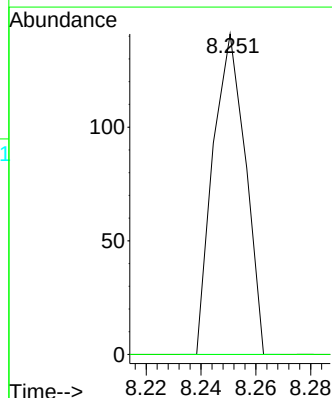
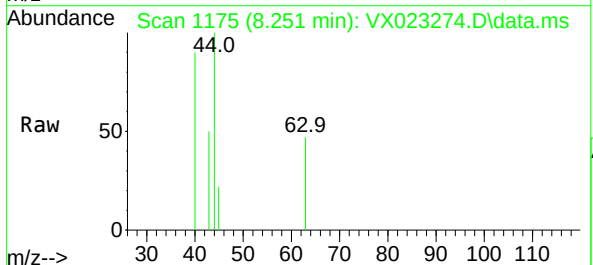
Instrument :
 MSVOA_X
 ClientSampled :

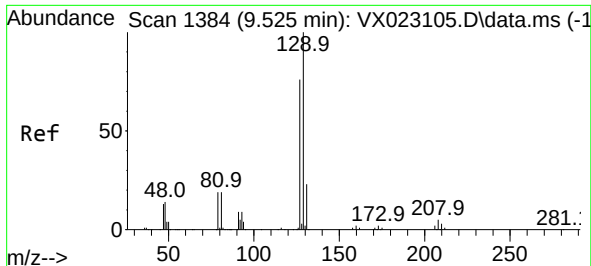
Tgt Ion: 75	Resp: 19
Ion Ratio	Lower Upper
75 100	
77 0.0	25.7 38.5#
39 138.5	35.1 52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.740 ug/l
 RT: 8.251 min Scan# 1175
 Delta R.T. 0.001 min
 Lab File: VX023274.D
 Acq: 14 Jul 2021 13:13

Tgt Ion: 63	Resp: 116
Ion Ratio	Lower Upper
63 100	
106 0.0	23.5 35.3#

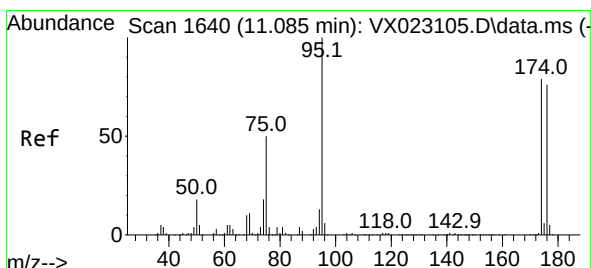
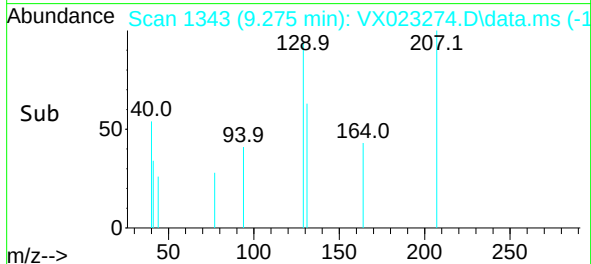
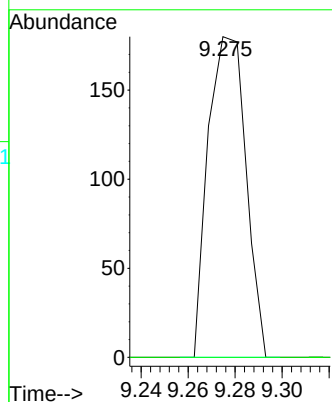
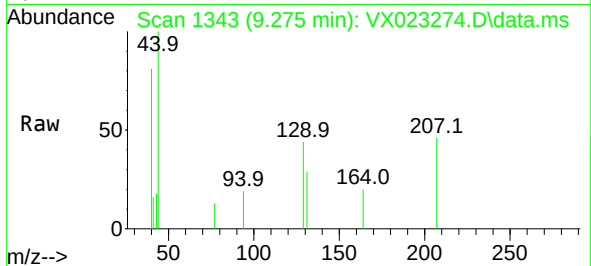




#60
Dibromochloromethane
Concen: 3.176 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

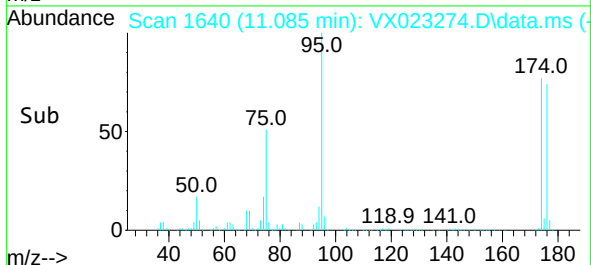
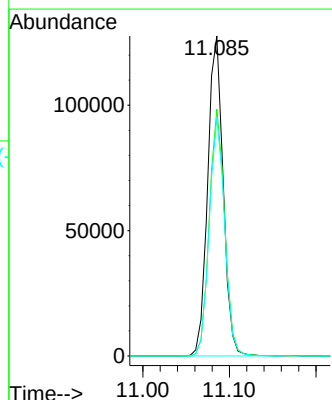
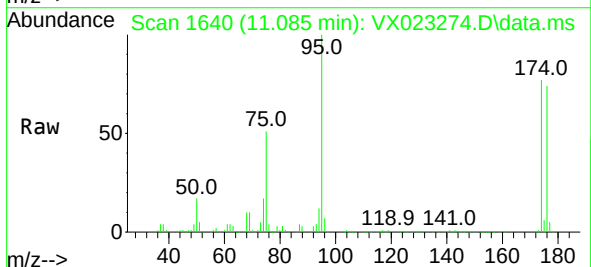
Instrument :
MSVOA_X
ClientSampleId :

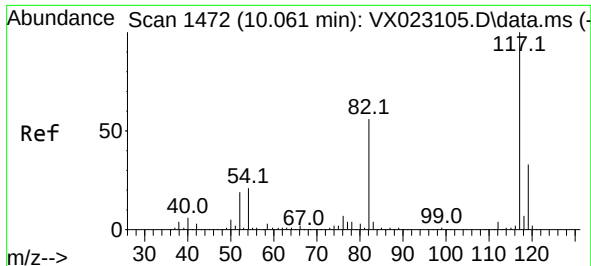
Tgt Ion:129 Resp: 202
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.718 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion: 95 Resp: 158216
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.1 0.0 155.8

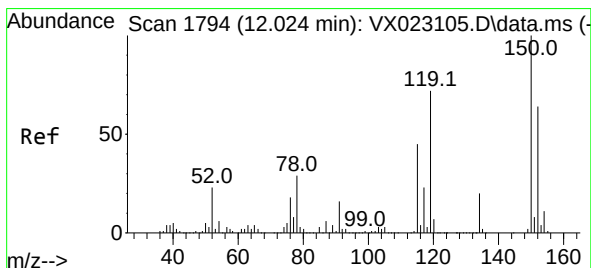
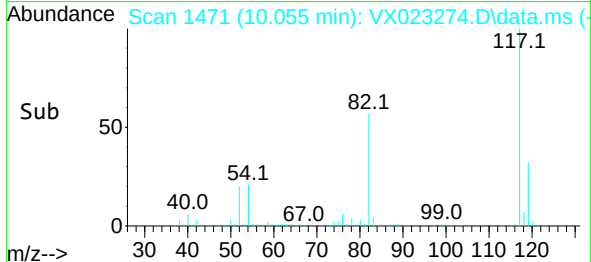
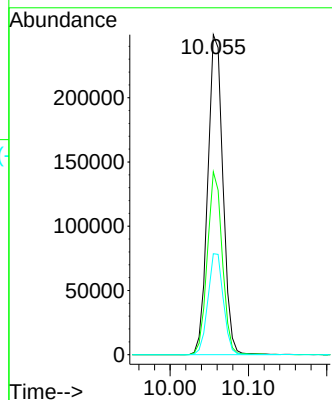
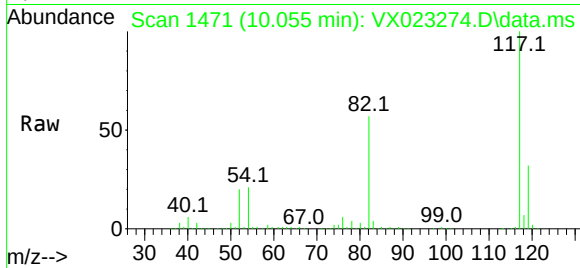




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

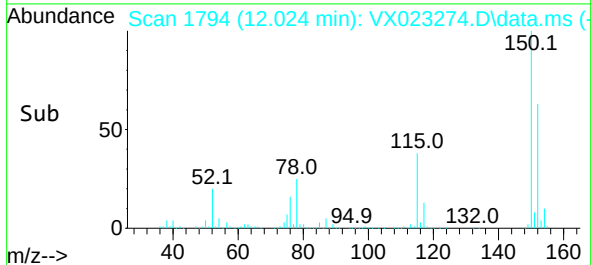
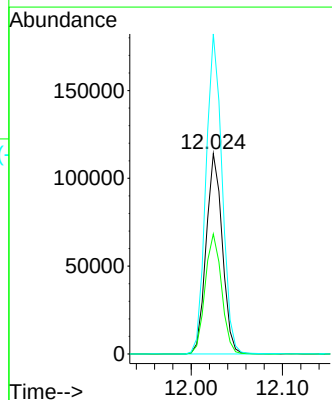
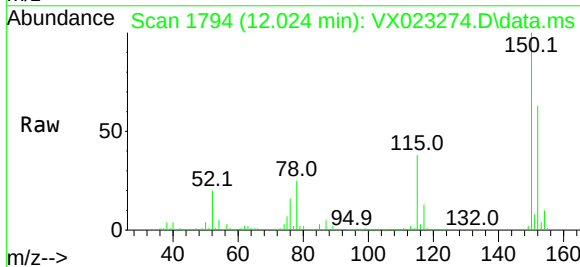
Instrument :
MSVOA_X
ClientSampled :

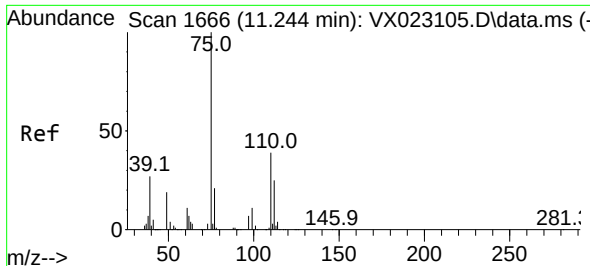
Tgt Ion:117 Resp: 334358
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion:152 Resp: 139412
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 159.7 0.0 349.0

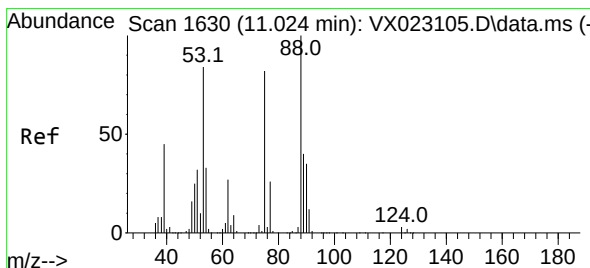
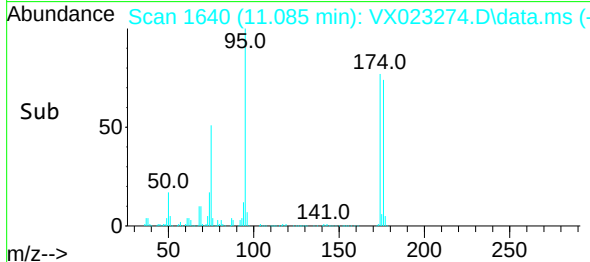
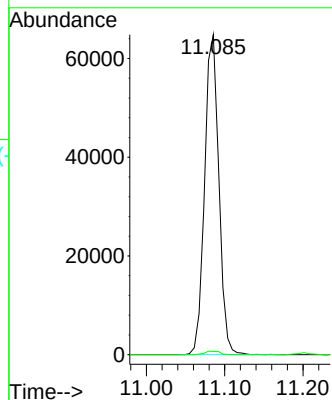
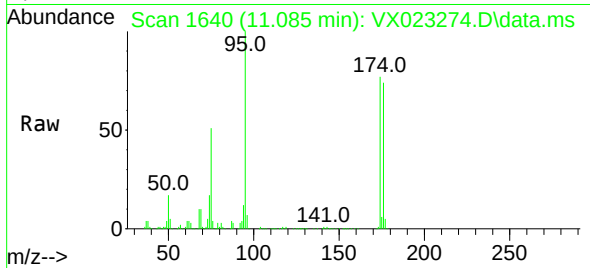




#76
1,2,3-Trichloropropane
Concen: 29.091 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

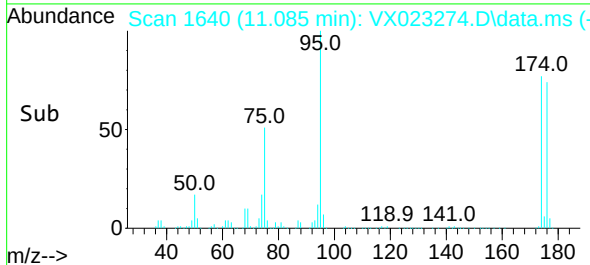
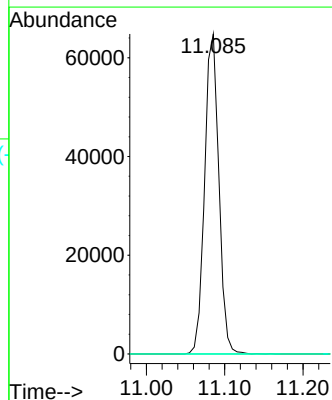
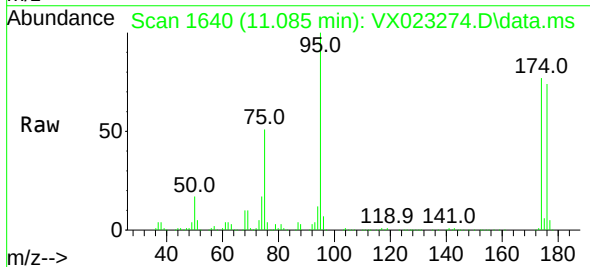
Instrument :
MSVOA_X
ClientSampled :

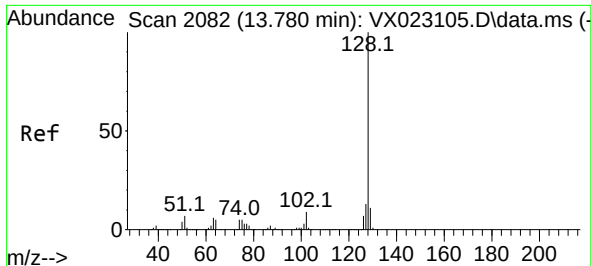
Tgt Ion: 75 Resp: 81612
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.253 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion: 75 Resp: 81612
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

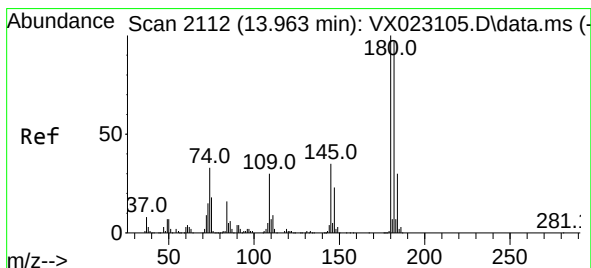
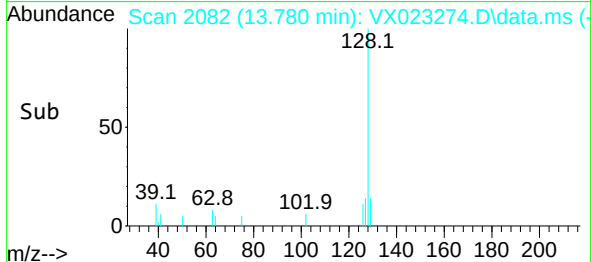
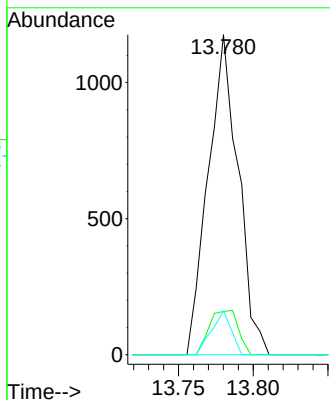
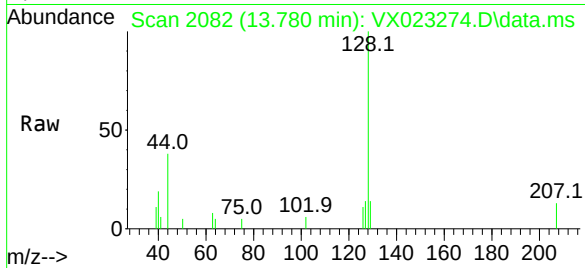




#95
Naphthalene
Concen: 1.429 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	128	Resp:	1643
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	8.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.203 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023274.D
Acq: 14 Jul 2021 13:13

Tgt Ion:	180	Resp:	576
Ion	Ratio	Lower	Upper
180	100		
182	99.7	47.6	142.9
145	37.2	16.1	48.3

