

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022174.D
 Acq On : 25 May 2021 14:12
 Operator : JC/MD
 Sample : M2504-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104

Quant Time: May 26 01:56:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	68904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47905	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55504	52.22	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.44%
35) Dibromofluoromethane	5.397	113	44575	48.57	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.14%
50) Toluene-d8	8.653	98	173872	49.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.36%
62) 4-Bromofluorobenzene	11.085	95	59999	45.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.82%

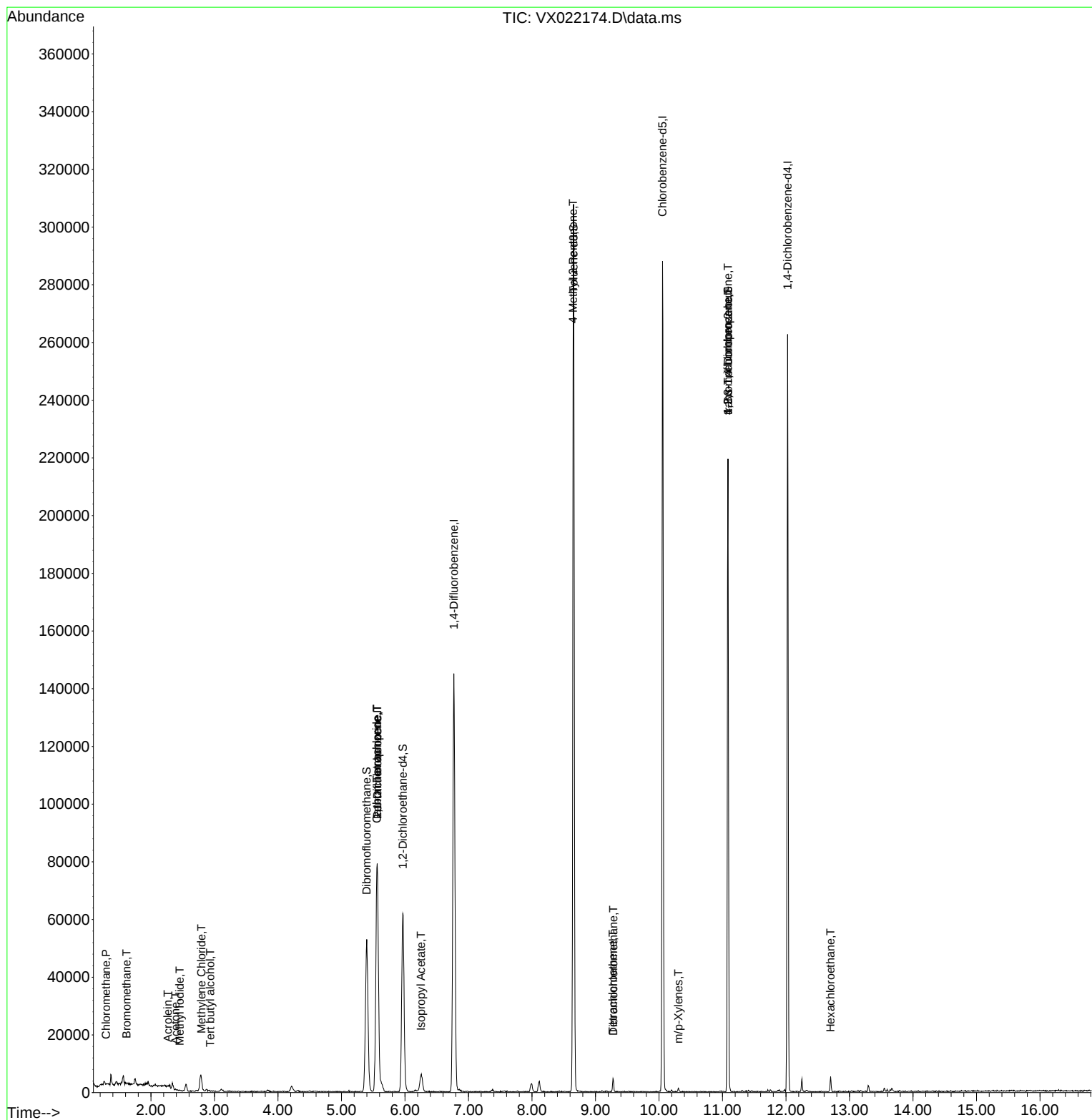
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.295	50	267	0.30	ug/l #	77
5) Bromomethane	1.618	94	223	0.40	ug/l #	67
10) Methyl Iodide	2.453	142	421	0.48	ug/l #	42
11) Tert butyl alcohol	2.935	59	159	0.65	ug/l #	73
13) Acrolein	2.264	56	74	0.46	ug/l #	14
16) Acetone	2.386	43	884	1.91	ug/l #	77
20) Methylene Chloride	2.794	84	357	0.35	ug/l #	70
36) 1,1-Dichloropropene	5.562	75	6898	5.15	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7939	6.06	ug/l #	15
43) Isopropyl Acetate	6.251	43	1520	0.57	ug/l #	57
51) 4-Methyl-2-Pentanone	8.647	43	1033	0.64	ug/l #	1
60) Dibromochloromethane	9.281	129	710	0.69	ug/l #	11
64) Tetrachloroethene	9.275	164	680	0.82	ug/l #	84
68) m/p-Xylenes	10.305	106	400	0.22	ug/l	84
76) 1,2,3-Trichloropropane	11.085	75	30085	25.46	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30085	60.32	ug/l #	12
90) Hexachloroethane	12.701	117	2130	3.73	ug/l #	9

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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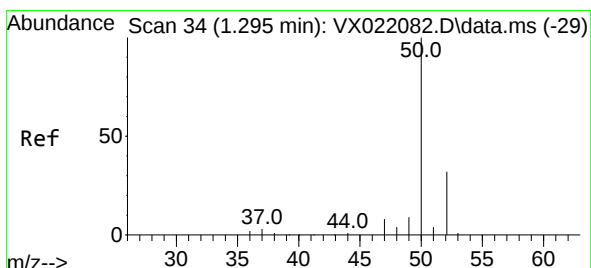
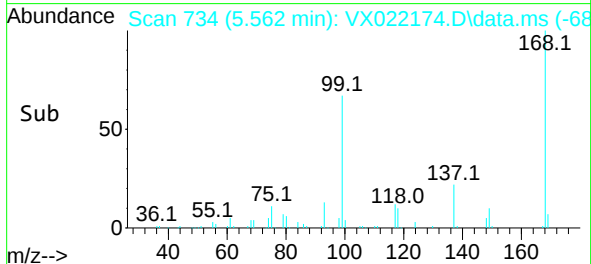
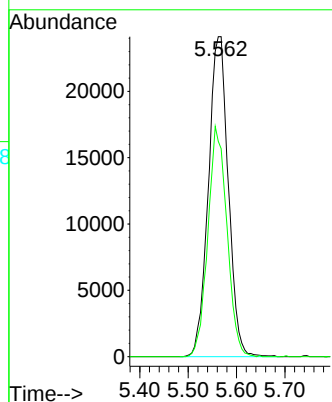
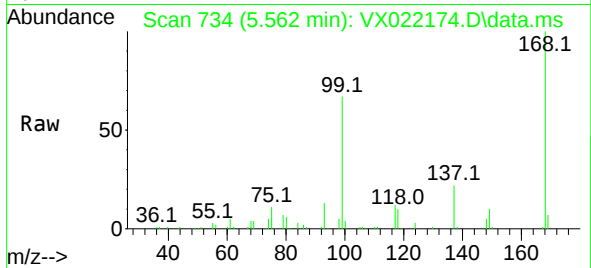




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

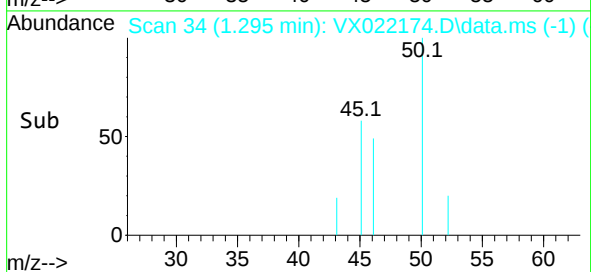
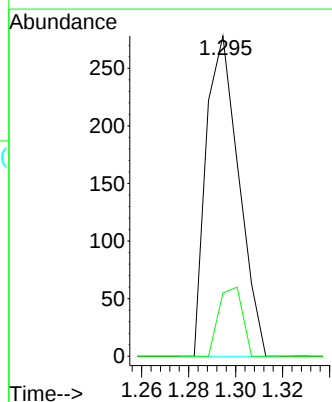
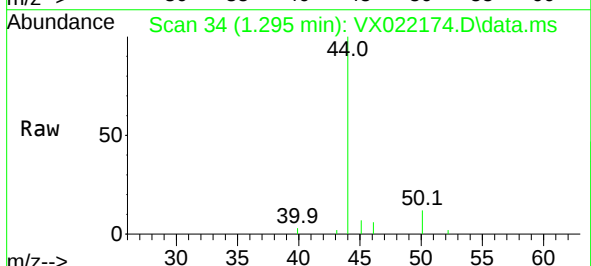
Instrument :
MSVOA_X
ClientSampleId :
MW-104

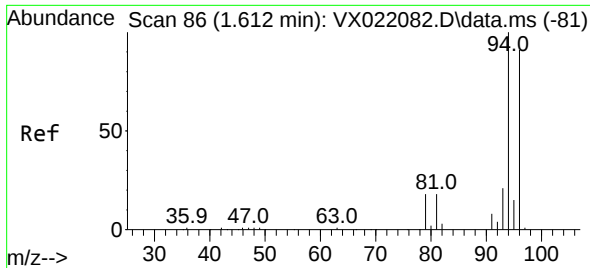
Tgt Ion:168 Resp: 68904
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 50 Resp: 267
Ion Ratio Lower Upper
50 100
52 19.8 26.4 39.6#

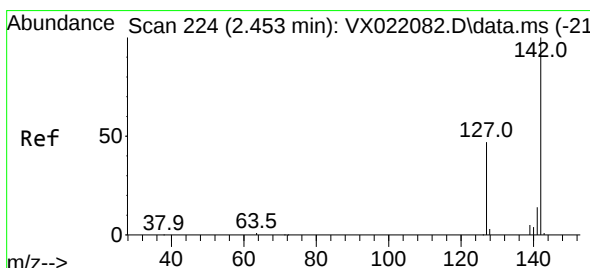
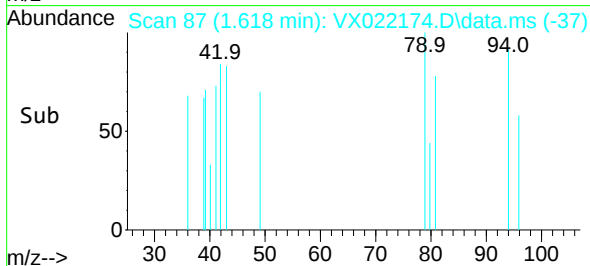
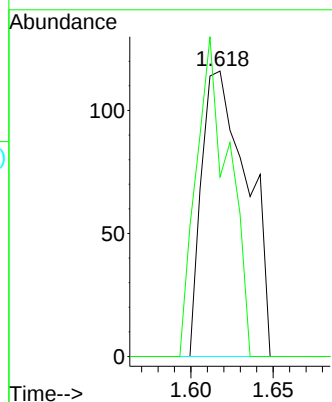
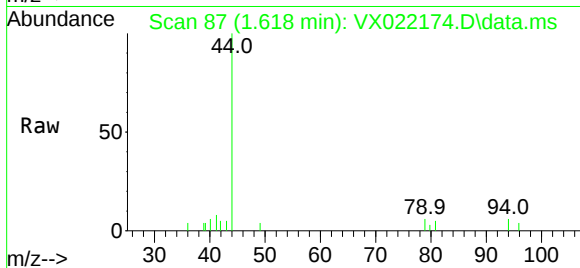




#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

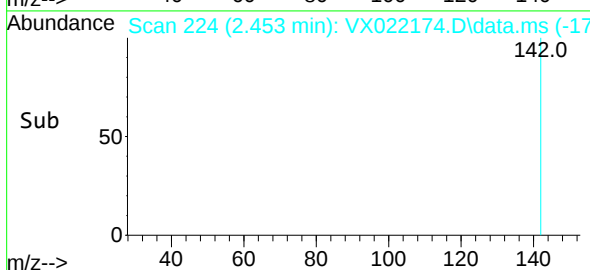
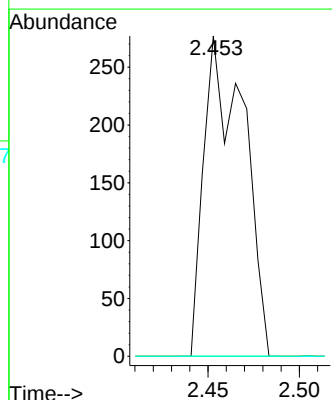
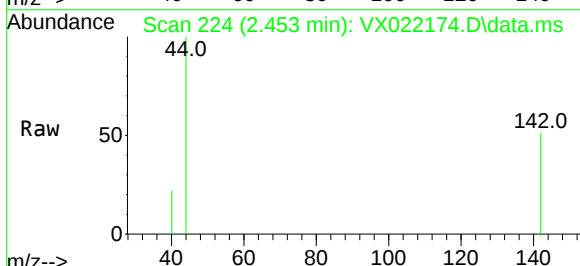
Instrument :
MSVOA_X
ClientSampleId :
MW-104

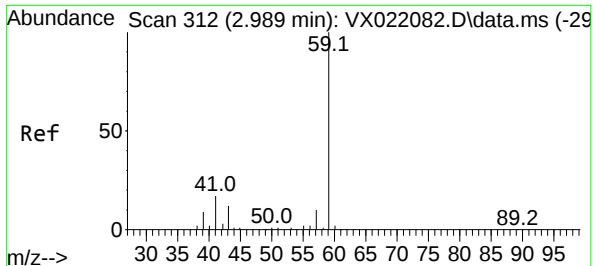
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 62.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.48 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 142 Resp: 421
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



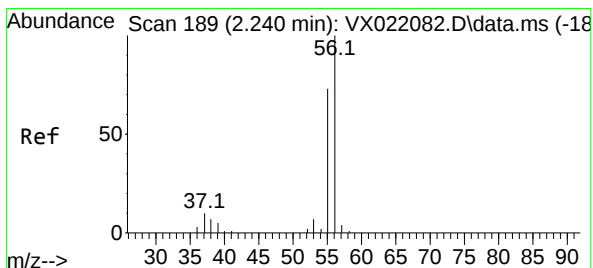
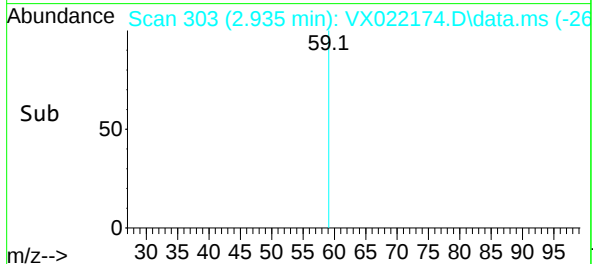
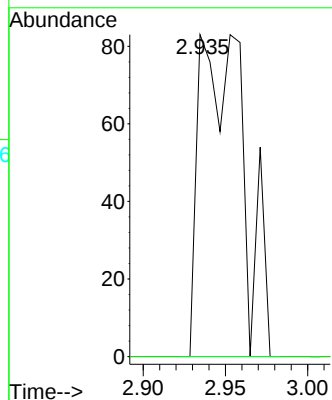
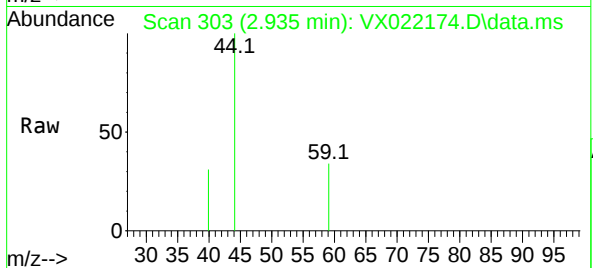


#11

Tert butyl alcohol
Concen: 0.65 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.054 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Instrument :
MSVOA_X
ClientSampleId :
MW-104

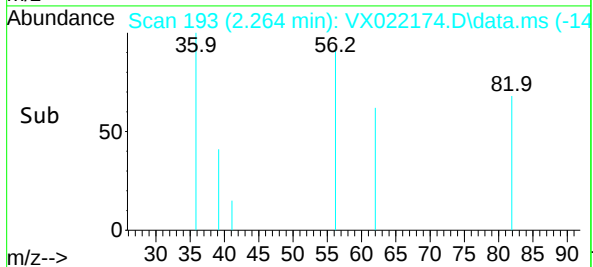
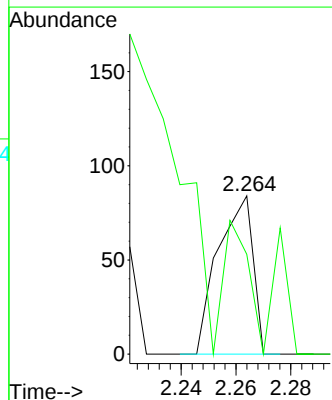
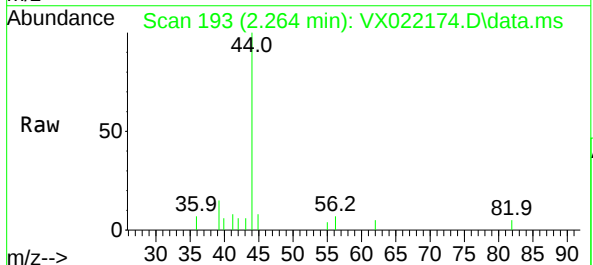
Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

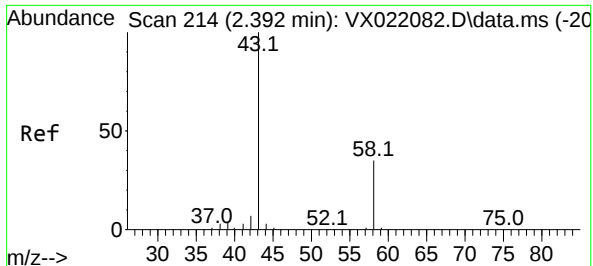


#13

Acrolein
Concen: 0.46 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

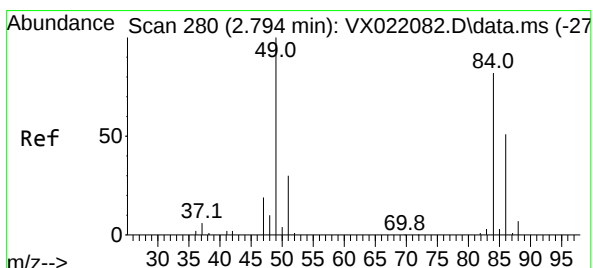
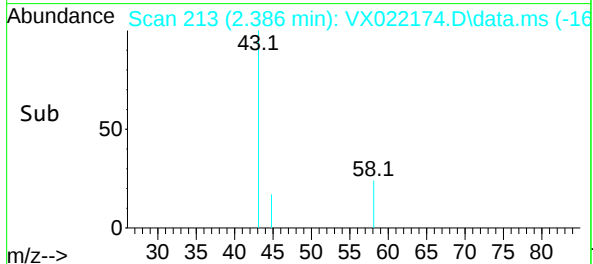
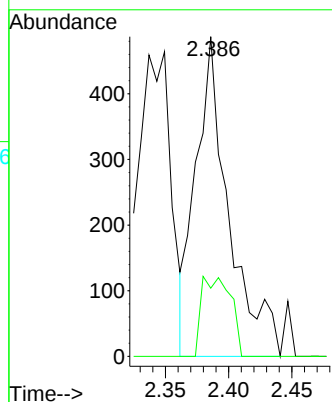
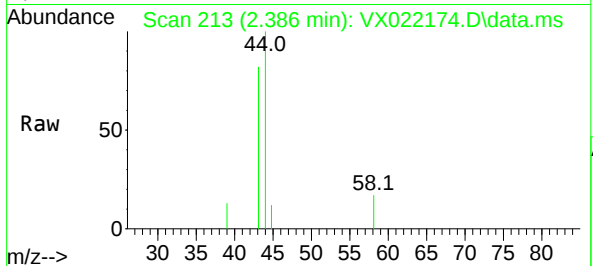




#16
Acetone
Concen: 1.91 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

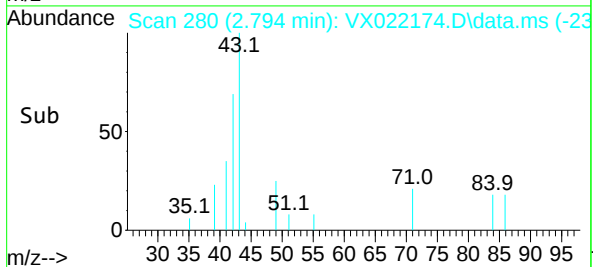
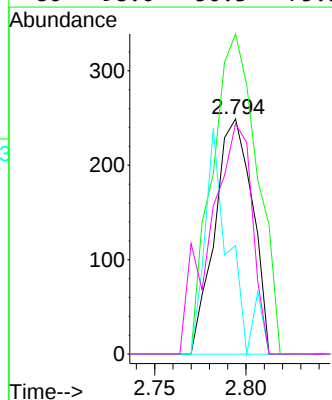
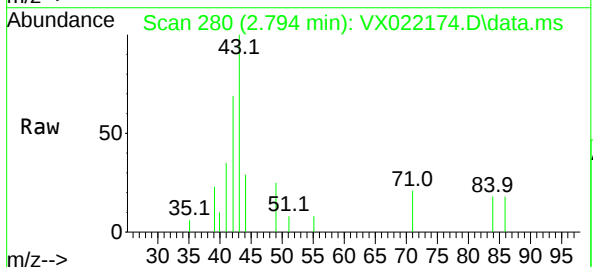
Instrument :
MSVOA_X
ClientSampled :
MW-104

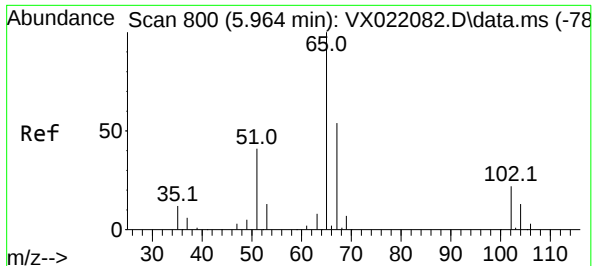
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 84 Resp: 357
Ion Ratio Lower Upper
84 100
49 136.1 88.6 132.8#
51 46.2 27.0 40.6#
86 98.0 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 52.22 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022174.D

Acq: 25 May 2021 14:12

Tgt Ion: 65 Resp: 55504

Ion Ratio Lower Upper

65 100

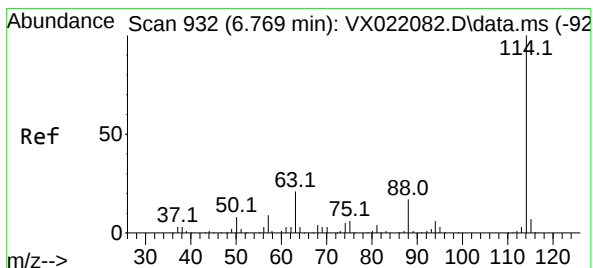
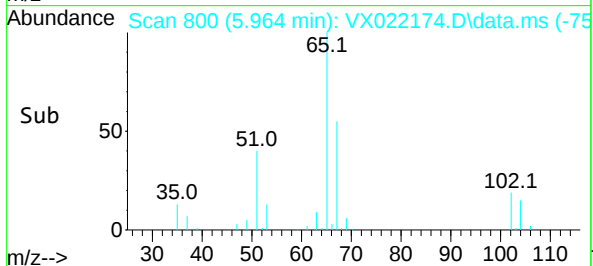
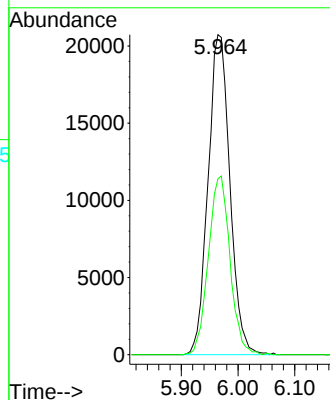
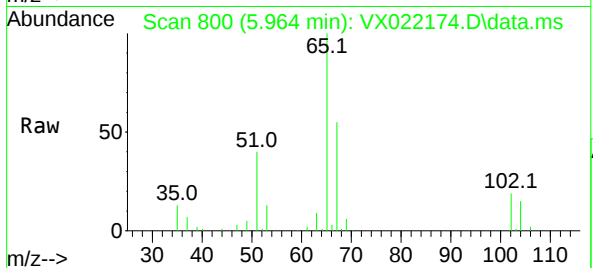
67 55.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MW-104



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022174.D

Acq: 25 May 2021 14:12

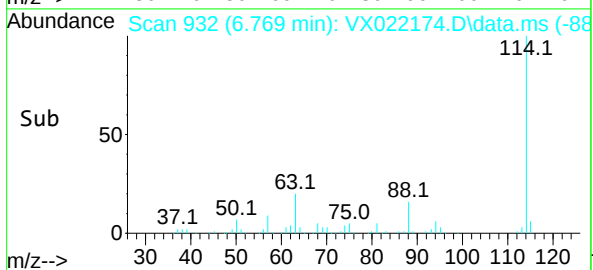
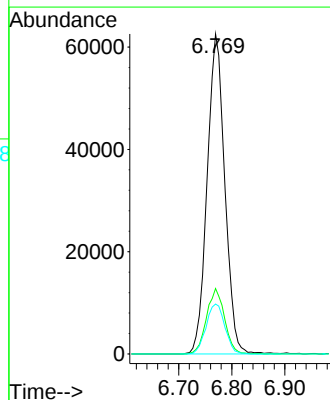
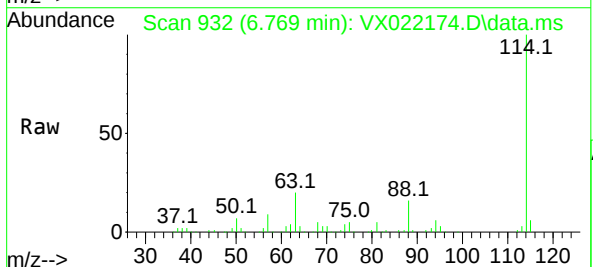
Tgt Ion: 114 Resp: 144726

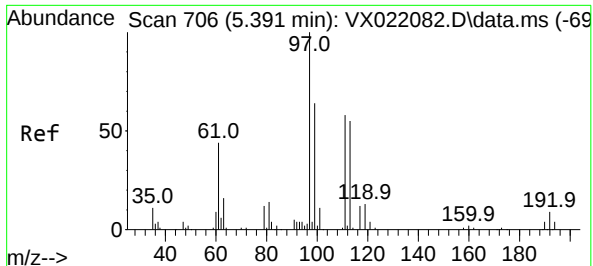
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

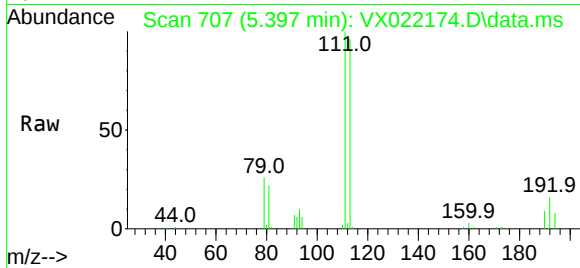
88 15.6 0.0 32.8



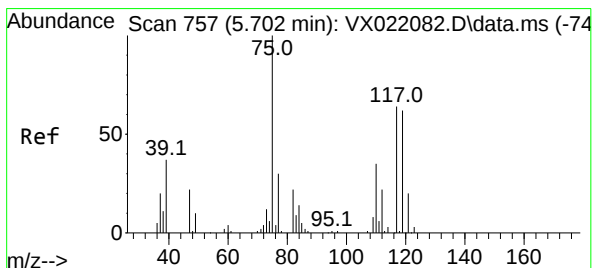
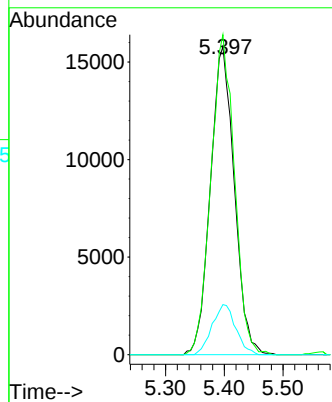
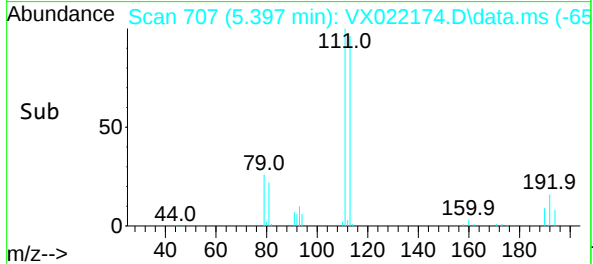


#35
 Dibromofluoromethane
 Concen: 48.57 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VX022174.D
 Acq: 25 May 2021 14:12

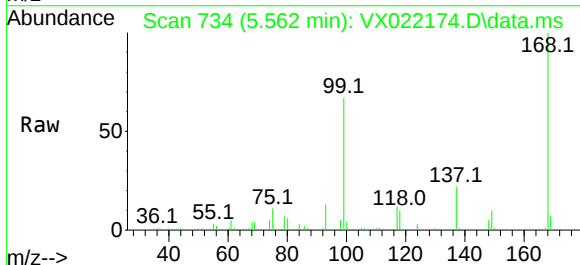
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104



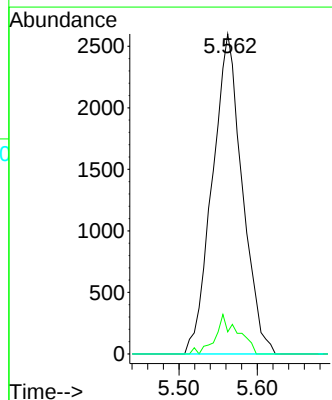
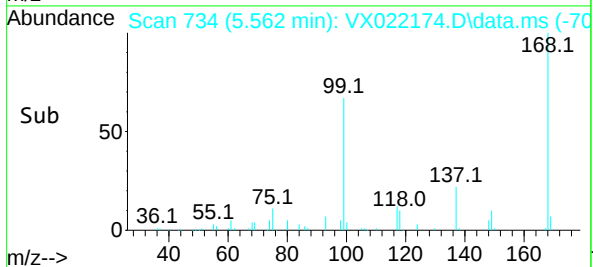
Tgt Ion:113 Resp: 44575
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 16.1 16.7 25.1#

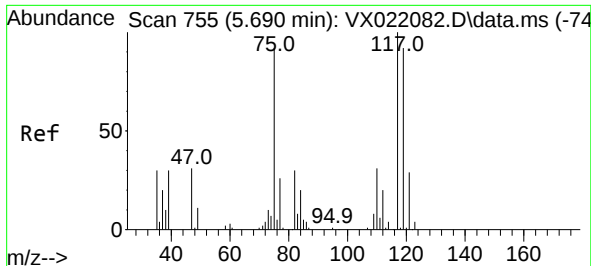


#36
 1,1-Dichloropropene
 Concen: 5.15 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.140 min
 Lab File: VX022174.D
 Acq: 25 May 2021 14:12



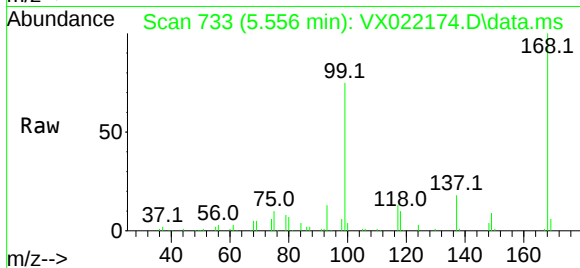
Tgt Ion: 75 Resp: 6898
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.4#
 77 0.0 25.3 37.9#



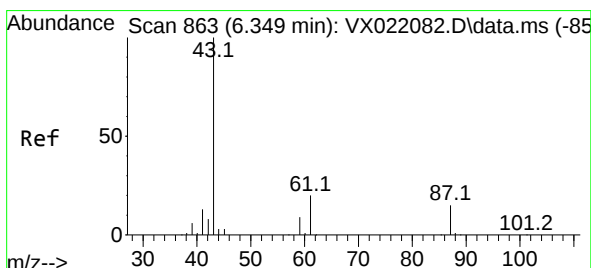
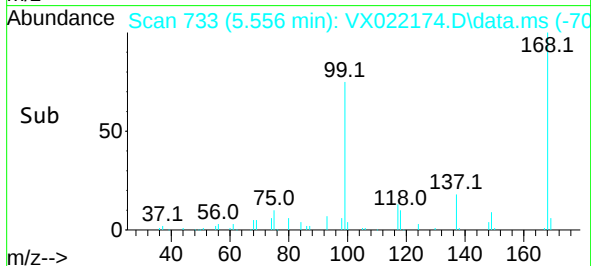
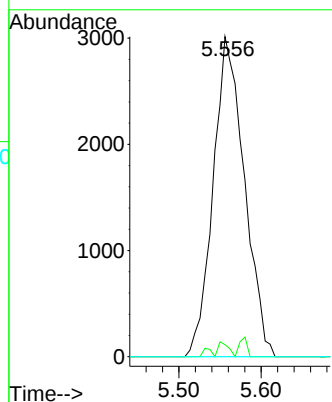


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Instrument :
MSVOA_X
ClientSampleId :
MW-104

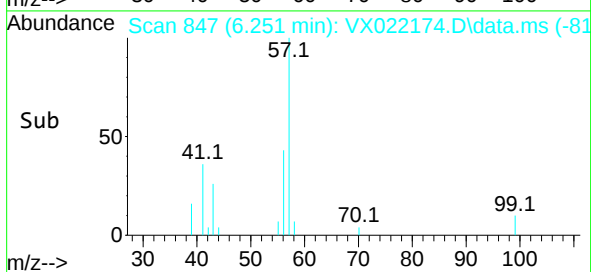
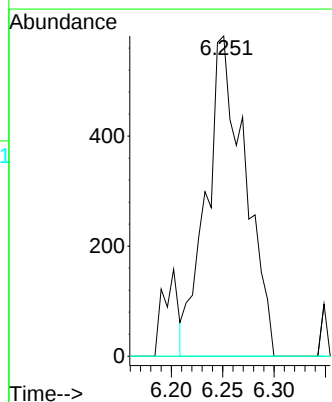
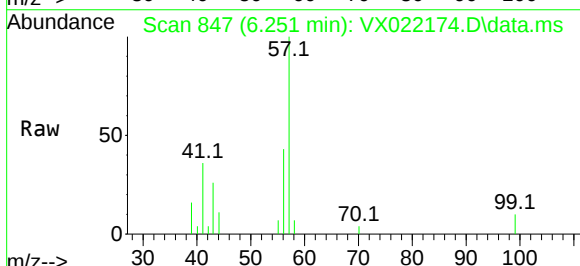


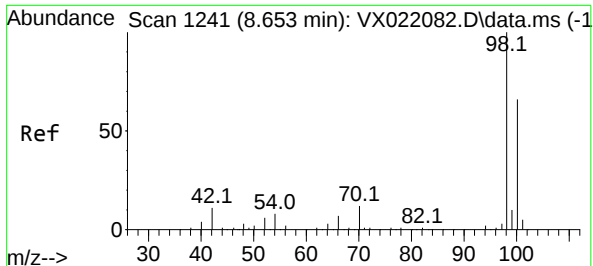
Tgt Ion:117 Resp: 7939
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.57 ug/l
RT: 6.251 min Scan# 847
Delta R.T. -0.098 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#





#50

Toluene-d8

Concen: 49.18 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX022174.D

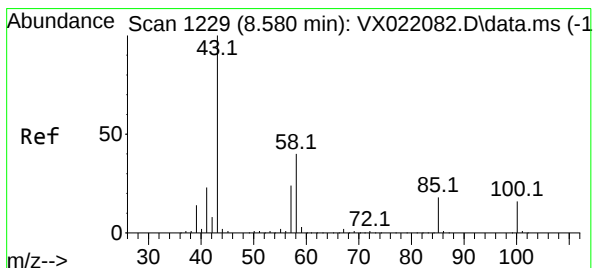
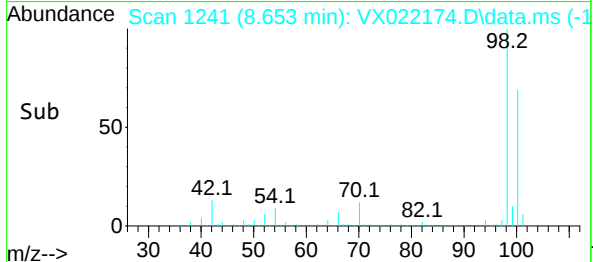
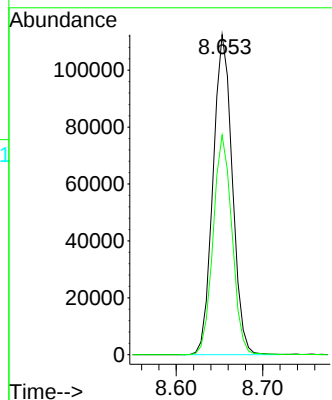
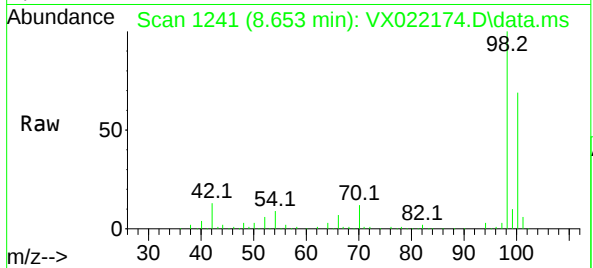
Acq: 25 May 2021 14:12

Tgt Ion: 98 Resp: 173872

Ion Ratio Lower Upper

98 100

100 67.1 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.64 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX022174.D

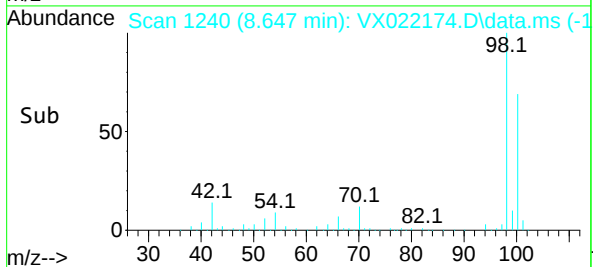
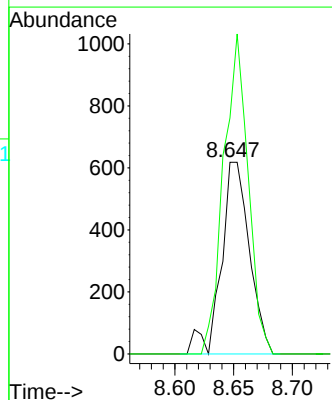
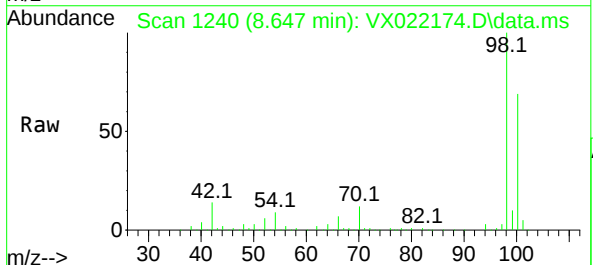
Acq: 25 May 2021 14:12

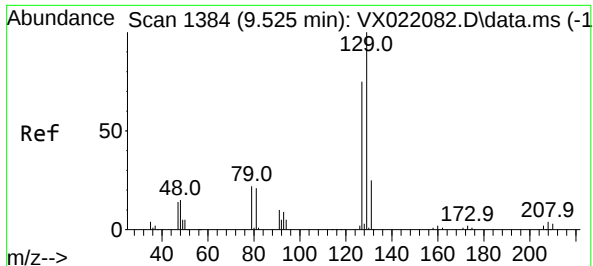
Tgt Ion: 43 Resp: 1033

Ion Ratio Lower Upper

43 100

58 145.0 35.4 53.0#

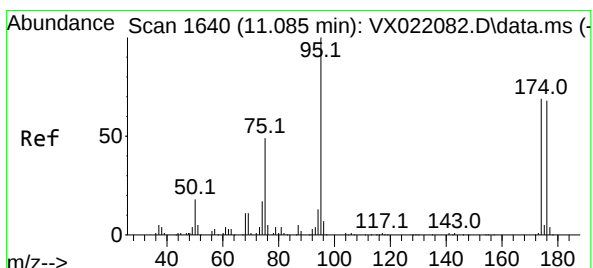
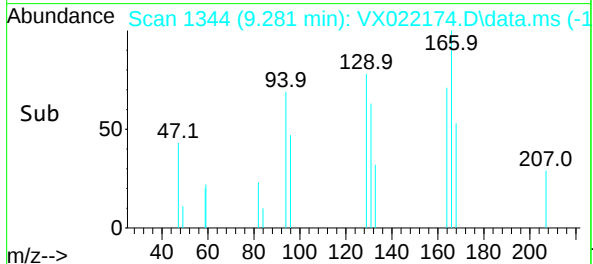
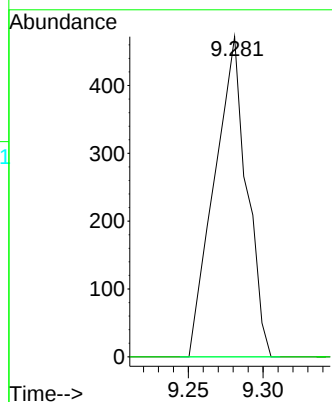
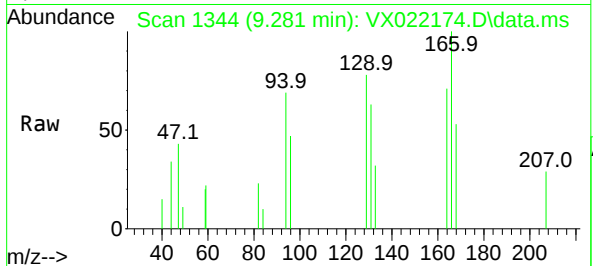




#60
Dibromochloromethane
Concen: 0.69 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

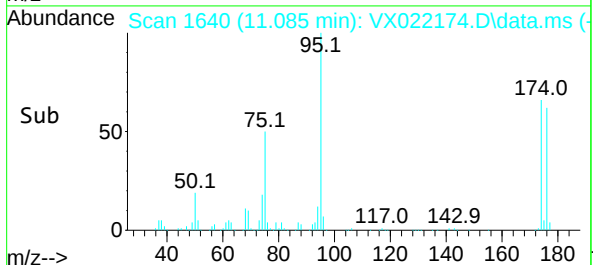
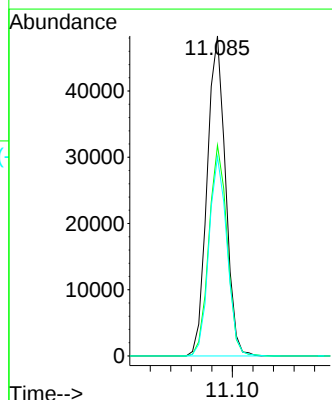
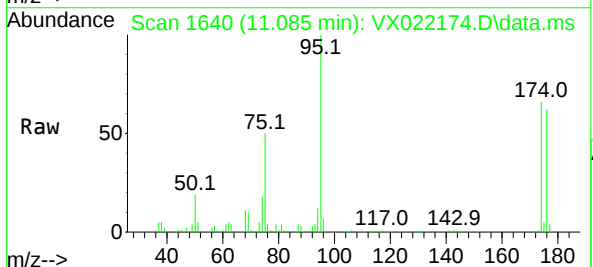
Instrument :
MSVOA_X
ClientSampled :
MW-104

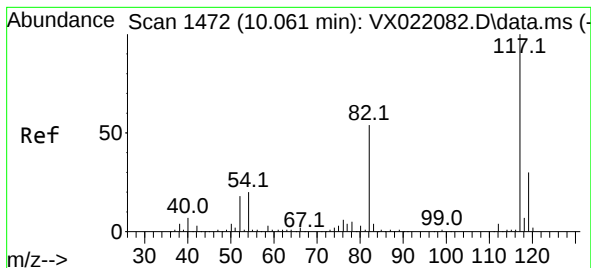
Tgt Ion:129 Resp: 710
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 95 Resp: 59999
Ion Ratio Lower Upper
95 100
174 65.0 0.0 154.6
176 61.2 0.0 155.8

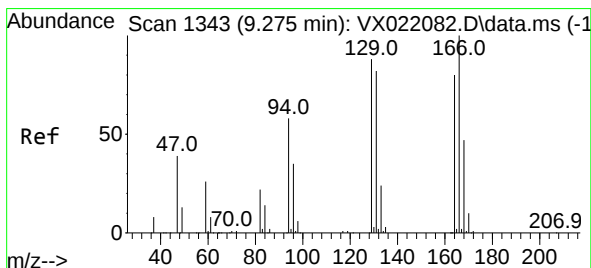
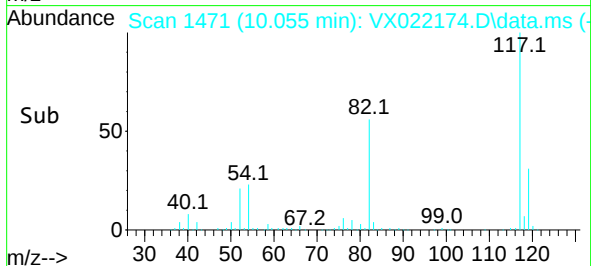
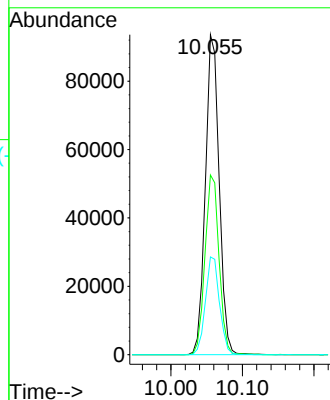
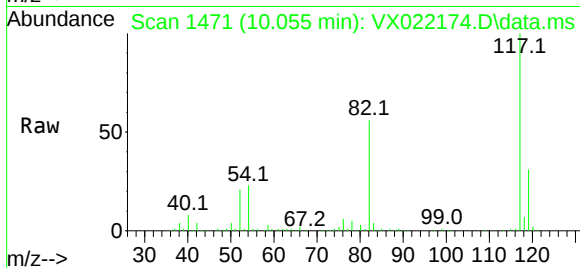




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

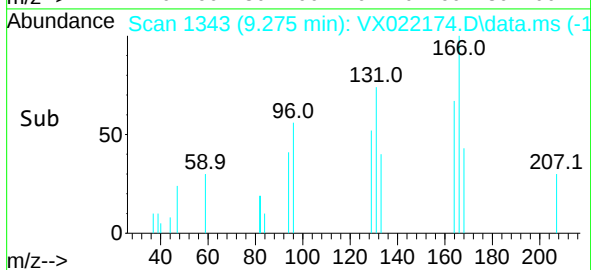
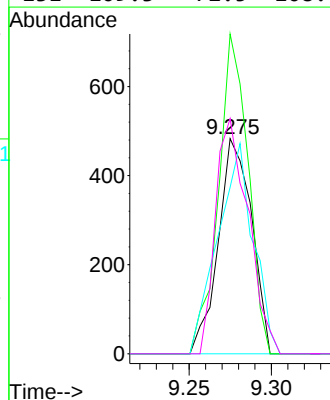
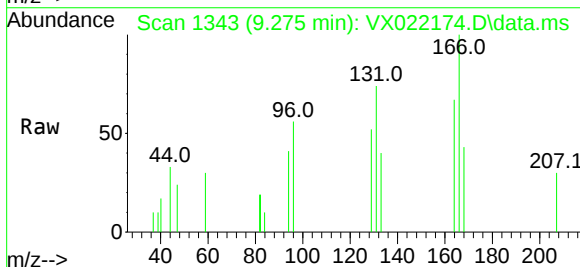
Instrument :
MSVOA_X
ClientSampleId :
MW-104

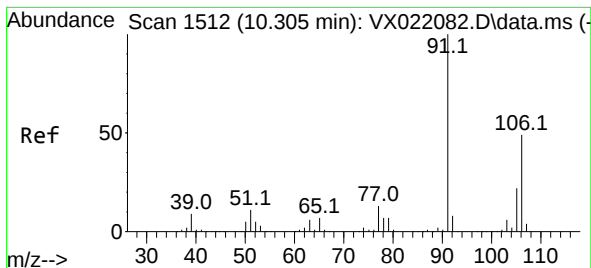
Tgt Ion:117 Resp: 125598
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 30.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.82 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion:164 Resp: 680
Ion Ratio Lower Upper
164 100
166 148.7 103.4 155.2
129 77.4 70.8 106.2
131 109.3 72.5 108.7#

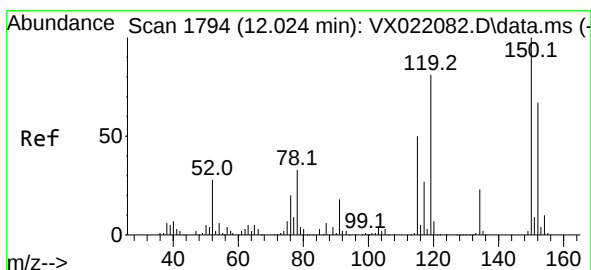
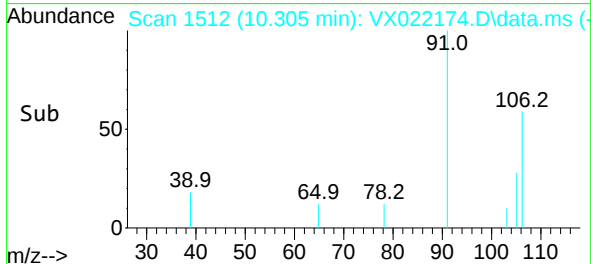
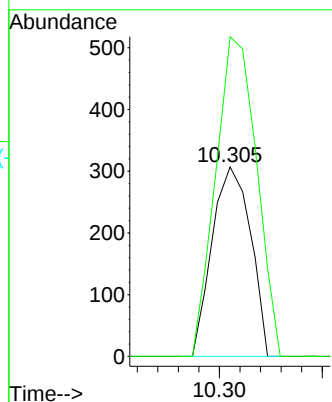
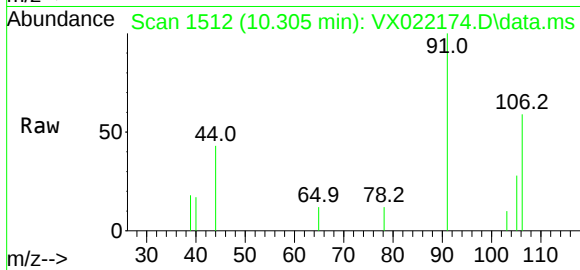




#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

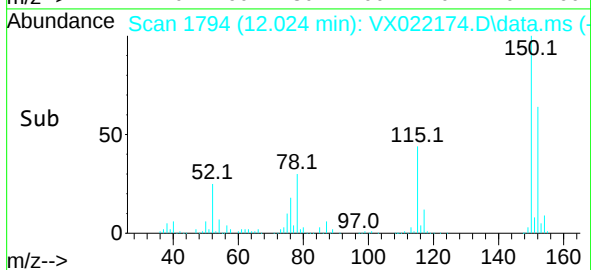
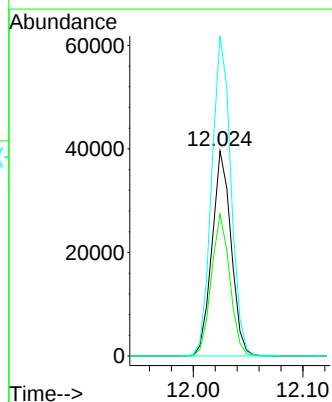
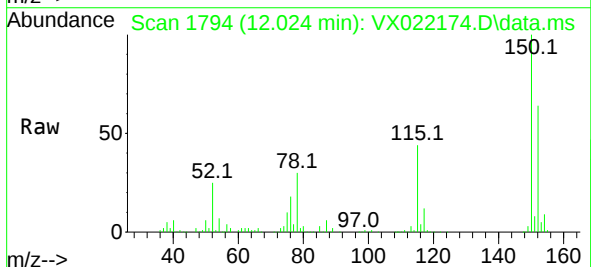
Instrument :
MSVOA_X
ClientSampleId :
MW-104

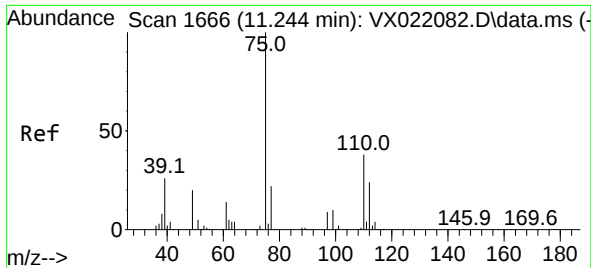
Tgt Ion:106 Resp: 400
Ion Ratio Lower Upper
106 100
91 179.5 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion:152 Resp: 47905
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 157.1 0.0 349.0

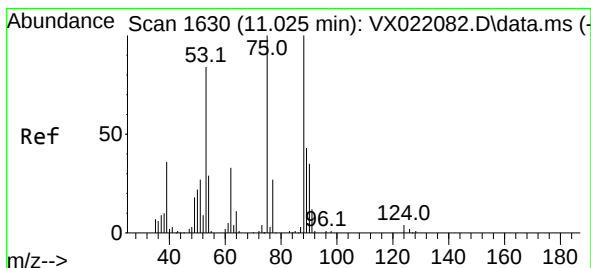
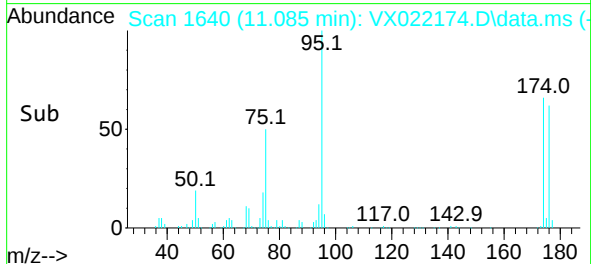
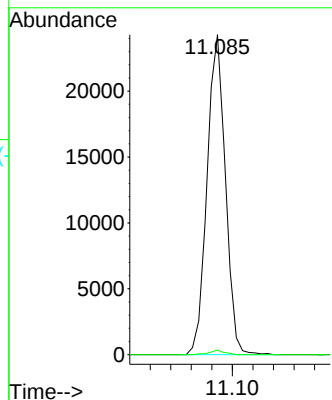
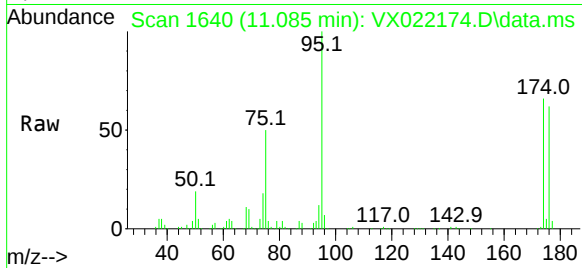




#76
1,2,3-Trichloropropane
Concen: 25.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

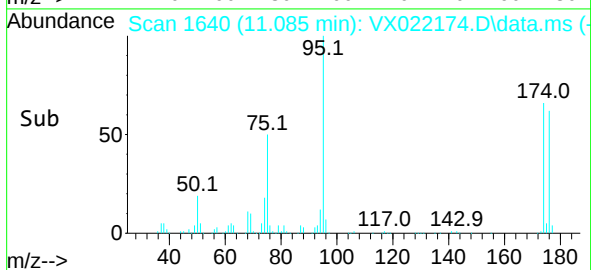
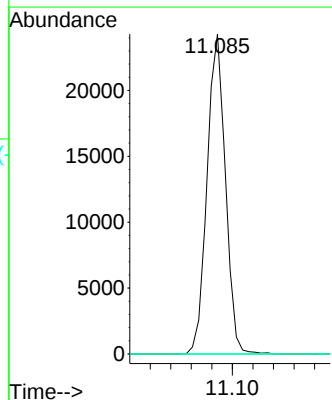
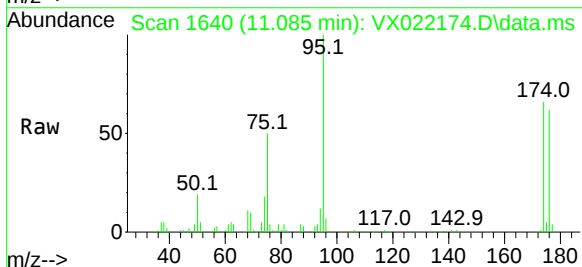
Instrument :
MSVOA_X
ClientSampleId :
MW-104

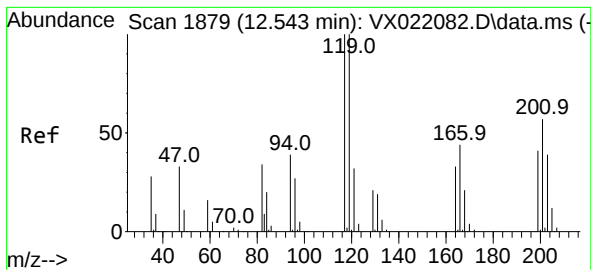
Tgt Ion: 75 Resp: 30085
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.32 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022174.D
Acq: 25 May 2021 14:12

Tgt Ion: 75 Resp: 30085
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#90
 Hexachloroethane
 Concen: 3.73 ug/l
 RT: 12.701 min Scan# 1905
 Delta R.T. 0.158 min
 Lab File: VX022174.D
 Acq: 25 May 2021 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104

Tgt Ion:117 Resp: 2130
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

