

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023617.D
 Acq On : 09 Aug 2021 16:47
 Operator : JC/MD
 Sample : M3278-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Aug 10 04:04:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	178864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	301534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107841	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	119027	53.35	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.70%
35) Dibromofluoromethane	5.397	113	94626	50.19	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.38%
50) Toluene-d8	8.653	98	361805	52.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.46%
62) 4-Bromofluorobenzene	11.085	95	121448	51.56	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.12%

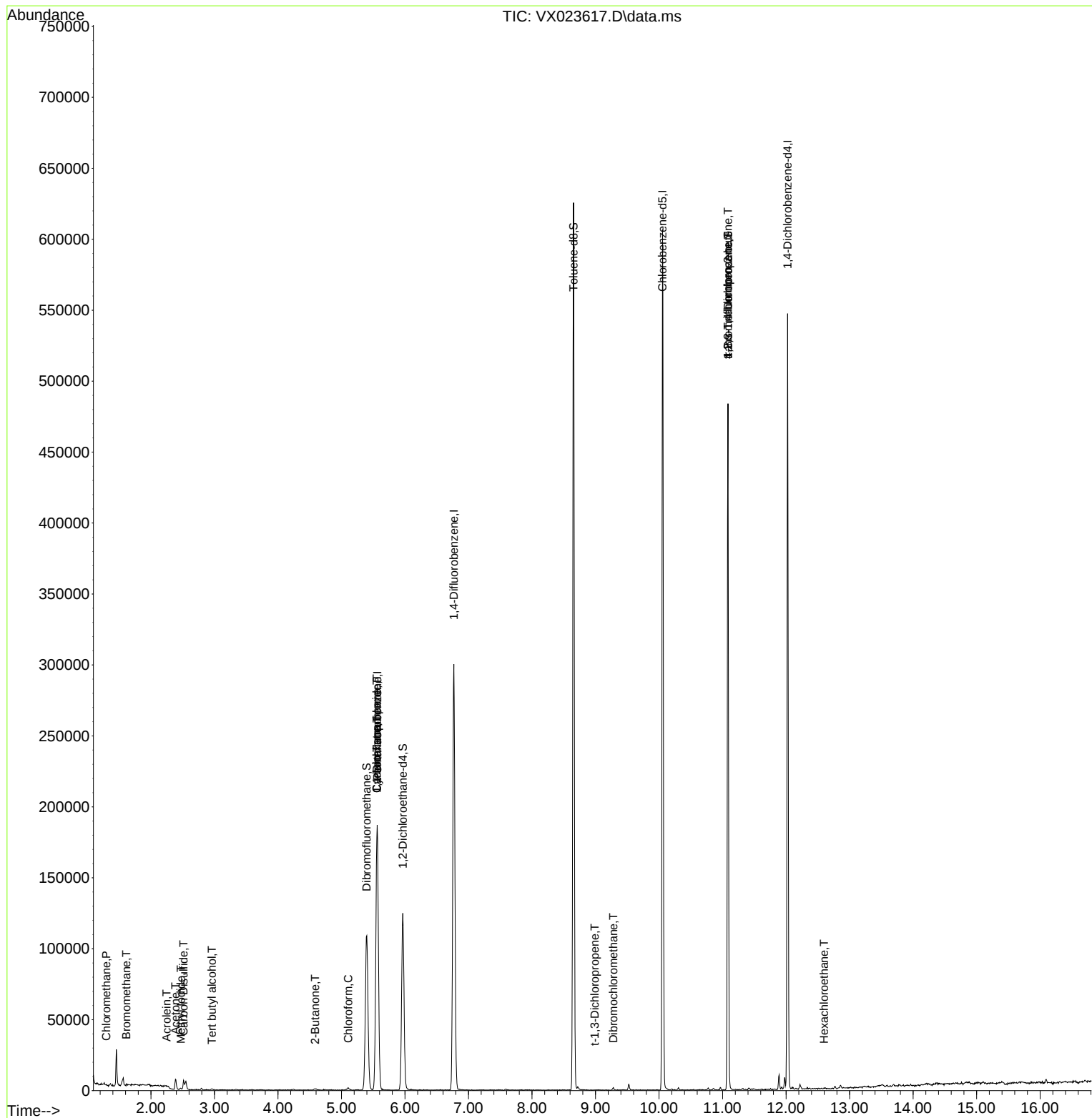
Target Compounds						Qvalue
3) Chloromethane	1.295	50	422	0.22	ug/l #	83
5) Bromomethane	1.612	94	584	0.51	ug/l	95
10) Methyl Iodide	2.471	142	1035	0.47	ug/l	92
11) Tert butyl alcohol	2.959	59	463	0.91	ug/l #	73
13) Acrolein	2.246	56	127	1.85	ug/l #	14
16) Acetone	2.386	43	7789	7.12	ug/l	97
17) Carbon Disulfide	2.514	76	7097	1.64	ug/l	98
25) 2-Butanone	4.587	43	601	0.35	ug/l #	45
30) Chloroform	5.105	83	1852	0.52	ug/l	87
31) Cyclohexane	5.556	56	4167	1.26	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	13960	5.12	ug/l #	49
38) Carbon Tetrachloride	5.556	117	18557	6.69	ug/l #	17
53) t-1,3-Dichloropropene	8.988	75	64	1.84	ug/l #	44
60) Dibromochloromethane	9.281	129	249	2.09	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	63650	26.82	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63650	72.12	ug/l #	12
90) Hexachloroethane	12.597	117	20	1.91	ug/l #	9

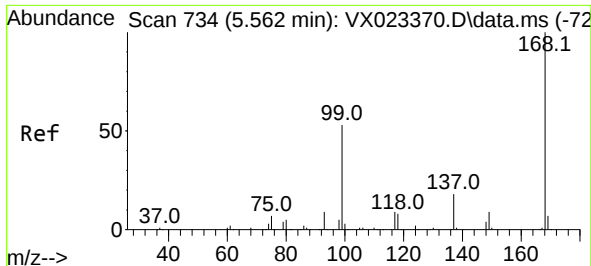
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
Data File : VX023617.D
Acq On : 09 Aug 2021 16:47
Operator : JC/MD
Sample : M3278-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-4

Quant Time: Aug 10 04:04:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

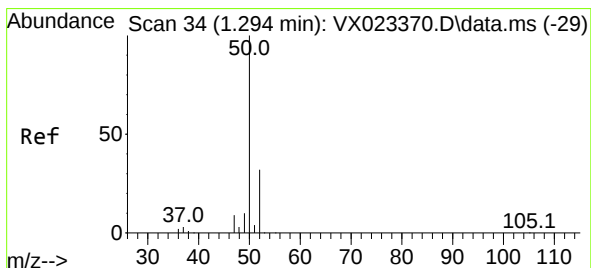
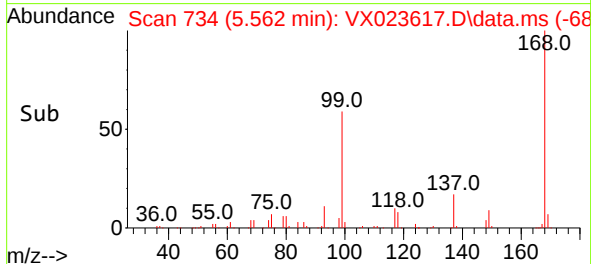
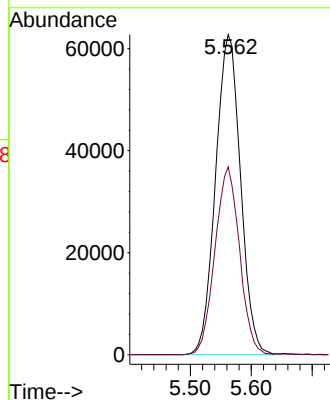
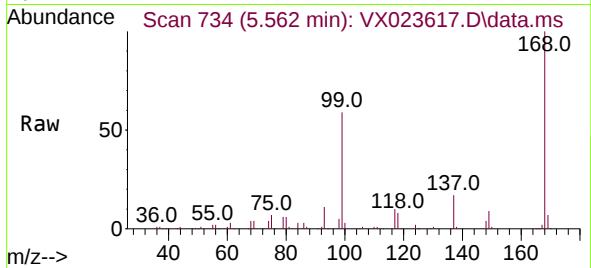




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

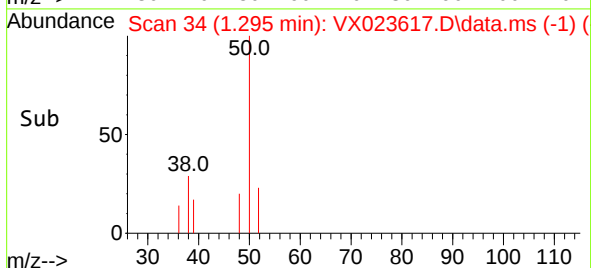
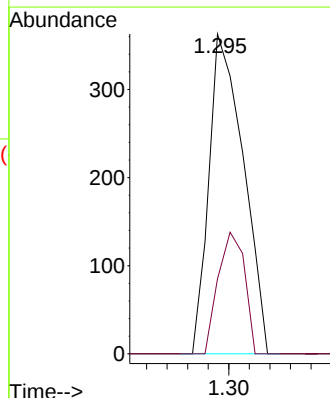
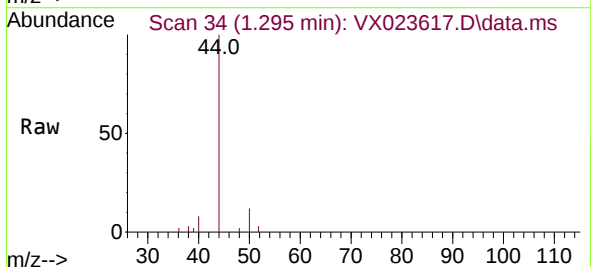
Instrument :
MSVOA_X
ClientSampleId :
MW-4

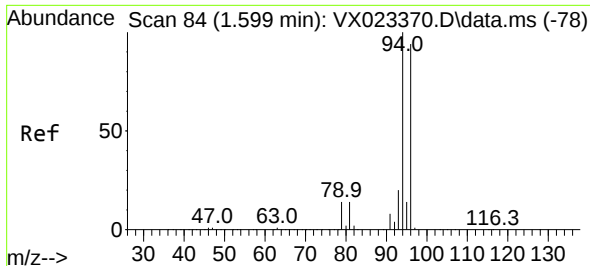
Tgt Ion:168 Resp: 178864
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 50 Resp: 422
Ion Ratio Lower Upper
50 100
52 23.4 26.4 39.6#

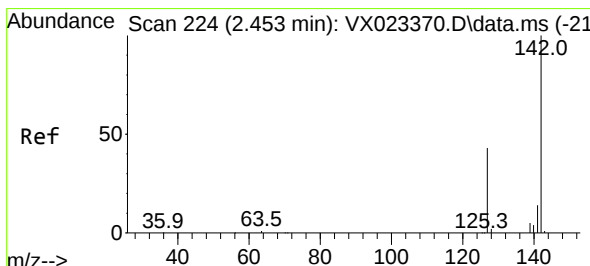
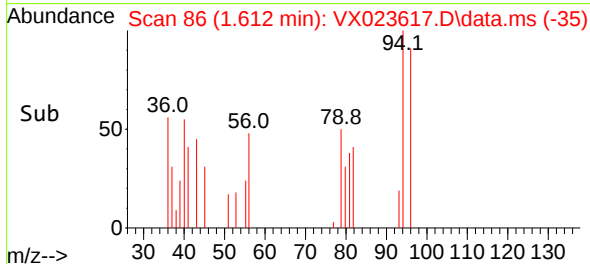
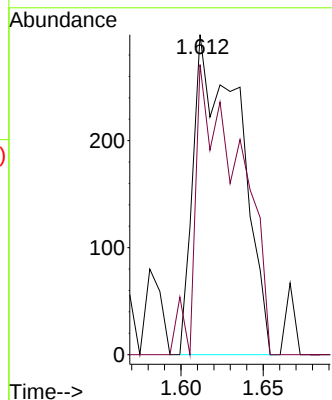
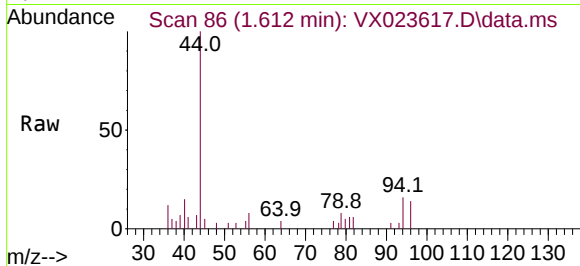




#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

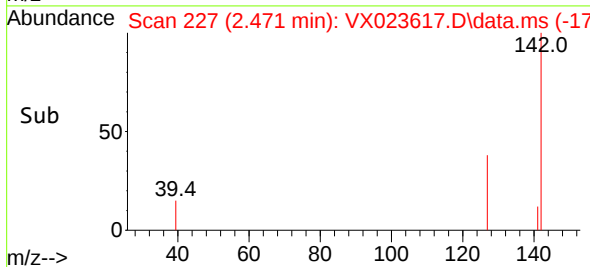
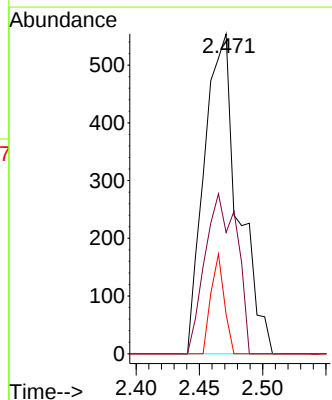
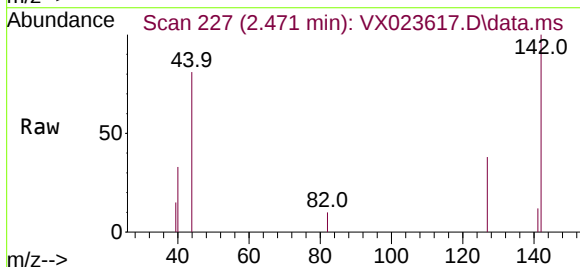
Instrument :
MSVOA_X
ClientSampled :
MW-4

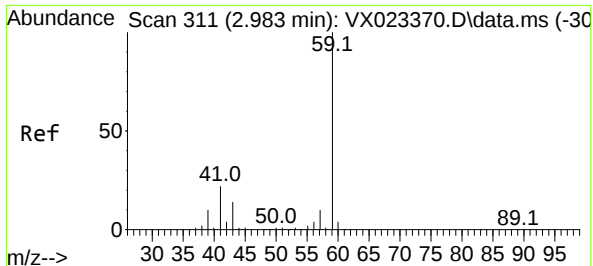
Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 90.6 76.4 114.6



#10
Methyl Iodide
Concen: 0.47 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 142 Resp: 1035
Ion Ratio Lower Upper
142 100
127 47.1 33.3 49.9
141 12.2 11.4 17.0



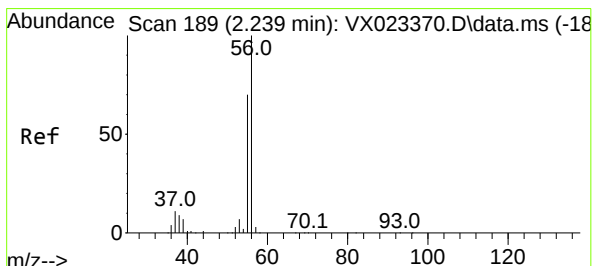
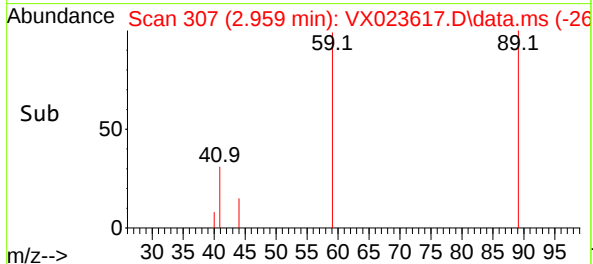
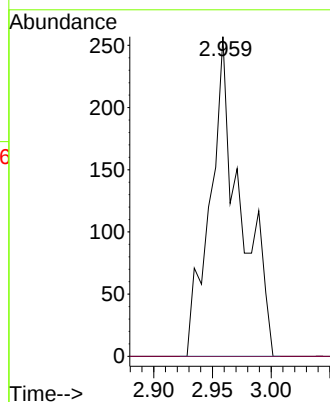
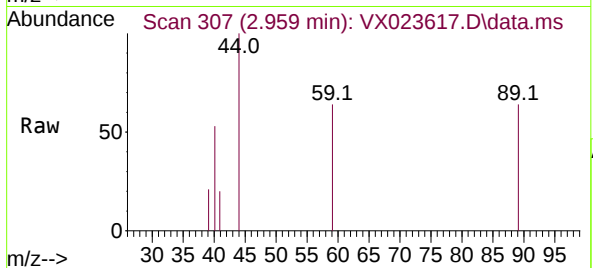


#11

Tert butyl alcohol
Concen: 0.91 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Instrument :
MSVOA_X
ClientSampled :
MW-4

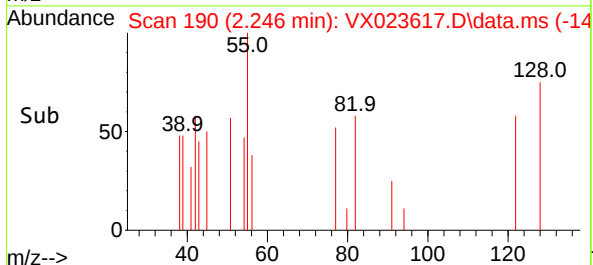
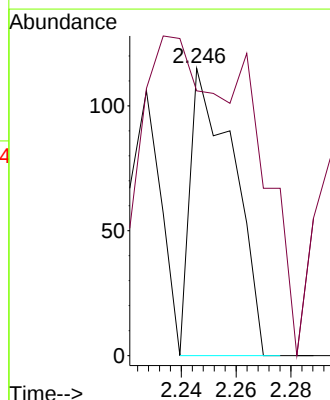
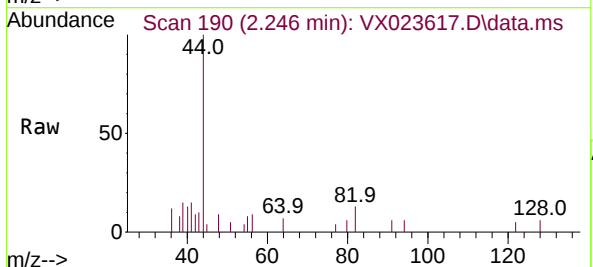
Tgt Ion: 59 Resp: 463
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

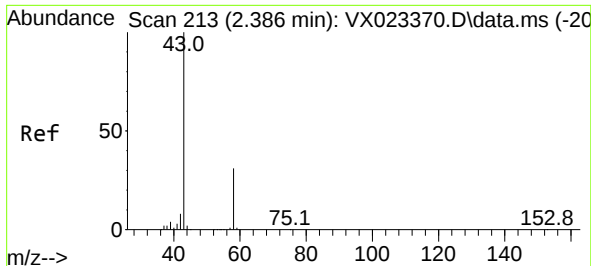


#13

Acrolein
Concen: 1.85 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

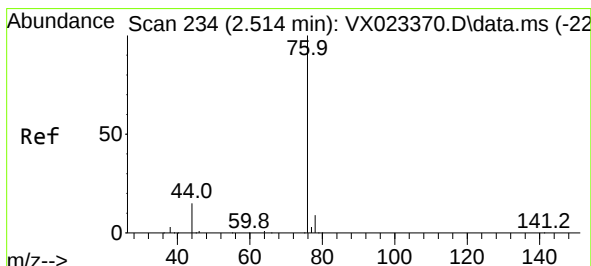
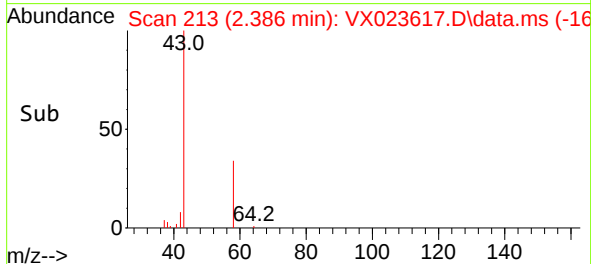
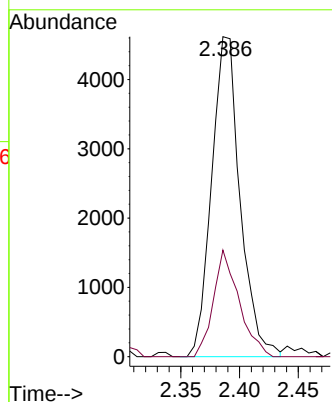
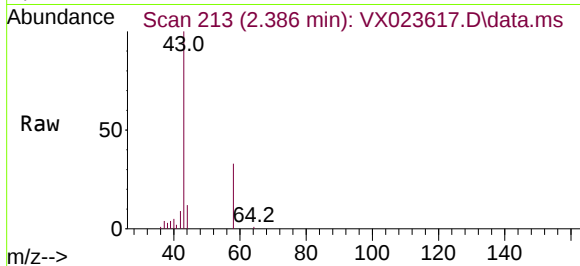




#16
Acetone
Concen: 7.12 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

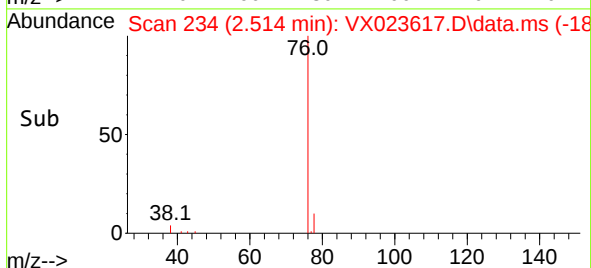
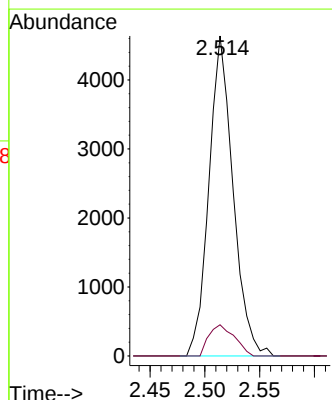
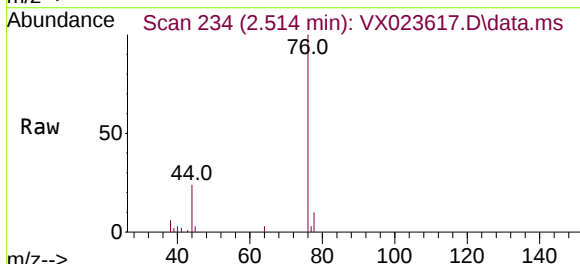
Instrument :
MSVOA_X
ClientSampleId :
MW-4

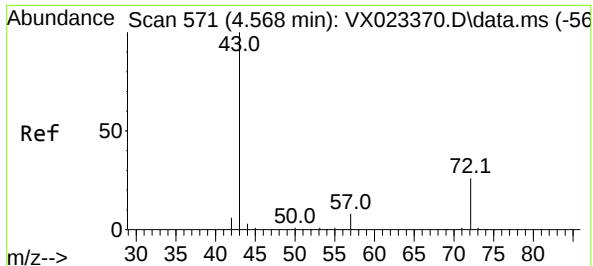
Tgt Ion: 43 Resp: 7789
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8



#17
Carbon Disulfide
Concen: 1.64 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 76 Resp: 7097
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





#25

2-Butanone

Concen: 0.35 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023617.D

Acq: 09 Aug 2021 16:47

Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

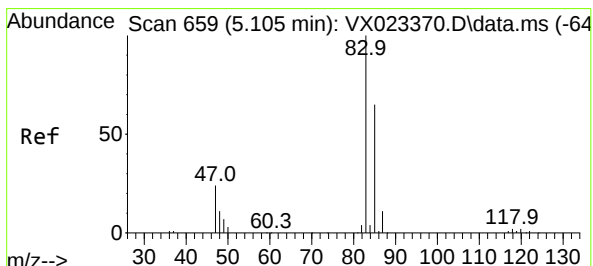
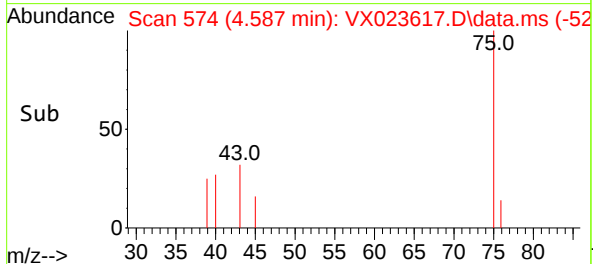
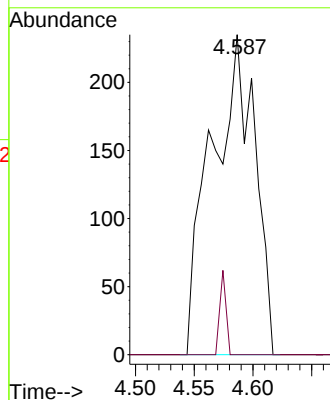
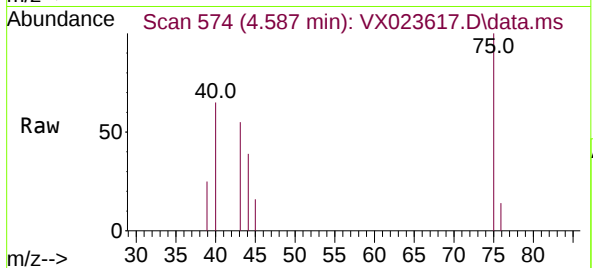
72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampled :

MW-4



#30

Chloroform

Concen: 0.52 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX023617.D

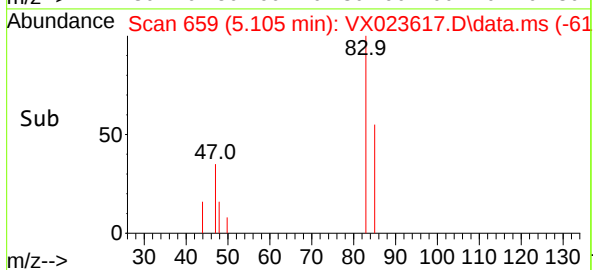
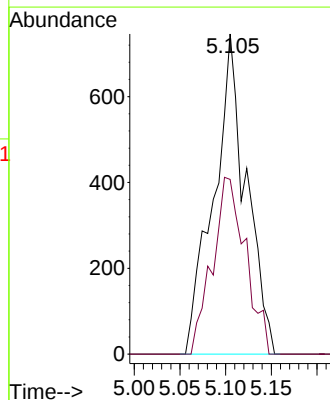
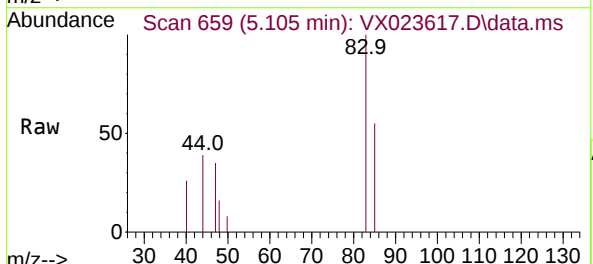
Acq: 09 Aug 2021 16:47

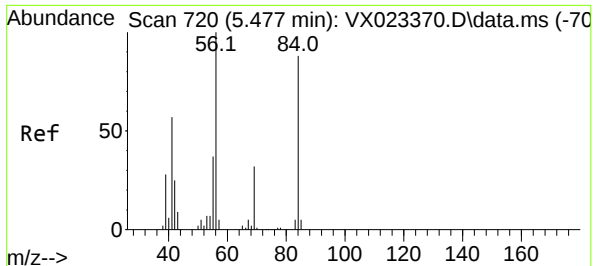
Tgt Ion: 83 Resp: 1852

Ion Ratio Lower Upper

83 100

85 54.6 52.0 78.0

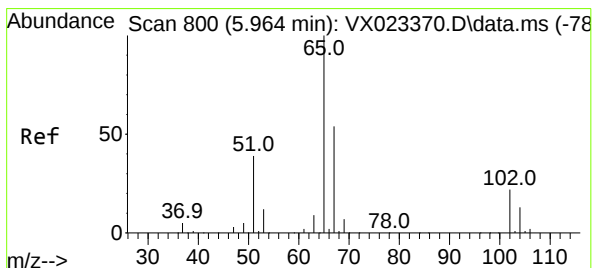
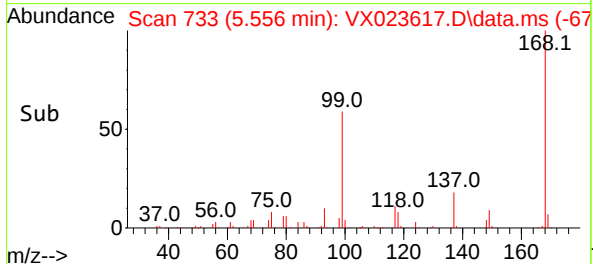
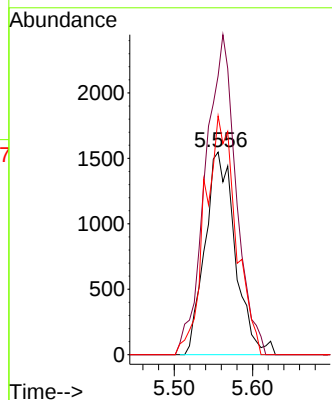
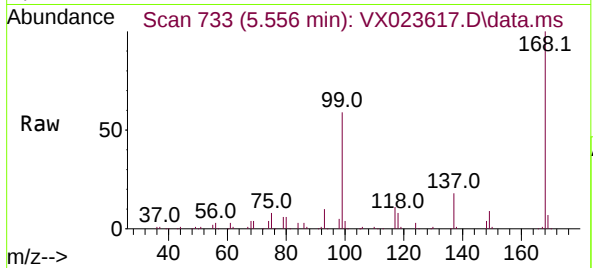




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

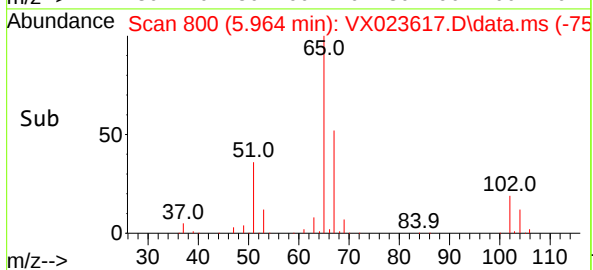
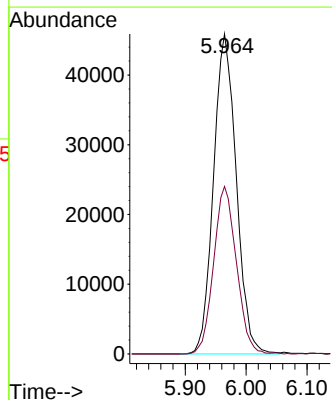
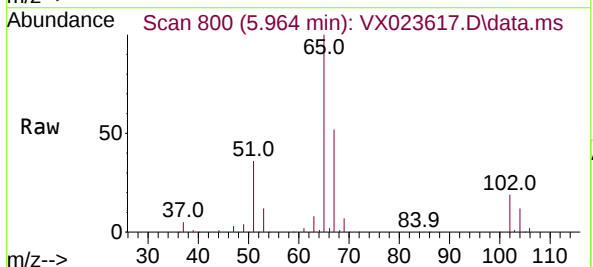
Instrument :
MSVOA_X
ClientSampleId :
MW-4

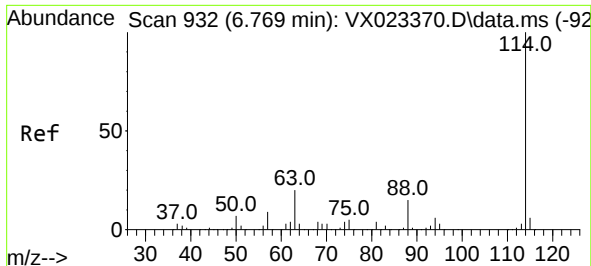
Tgt Ion: 56 Resp: 4167
Ion Ratio Lower Upper
56 100
69 137.7 25.3 37.9#
84 117.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.35 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 65 Resp: 119027
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

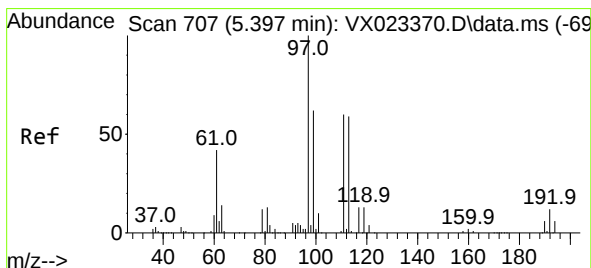
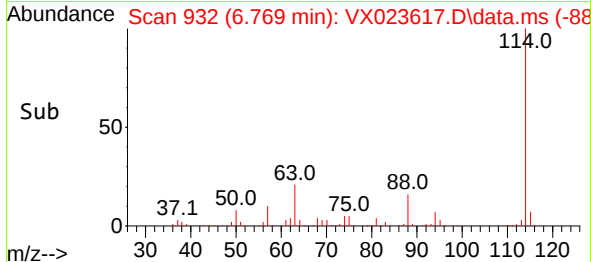
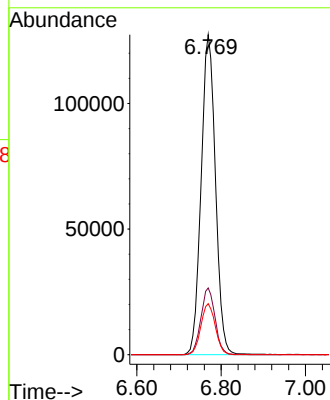
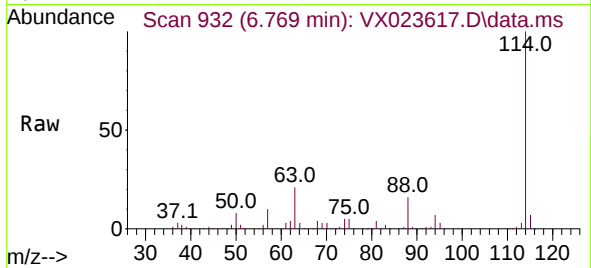




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

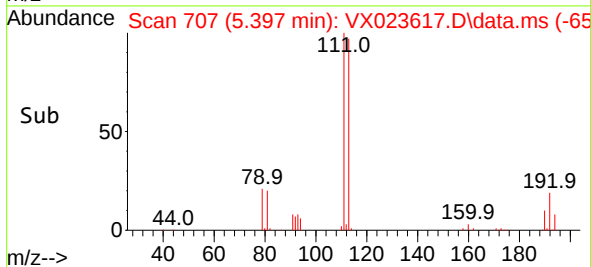
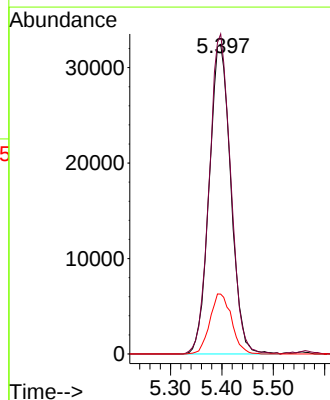
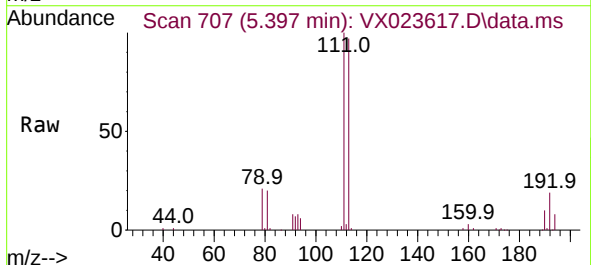
Instrument :
MSVOA_X
ClientSampled :
MW-4

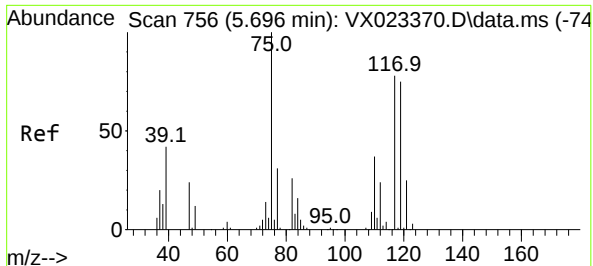
Tgt Ion:114 Resp: 301534
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.19 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion:113 Resp: 94626
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.4 16.7 25.1

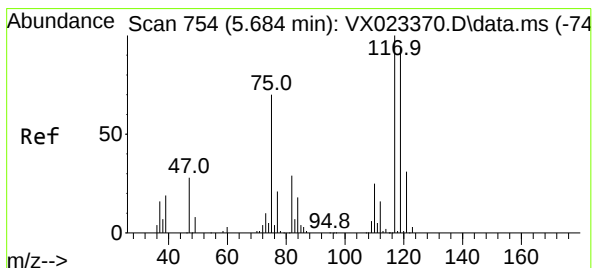
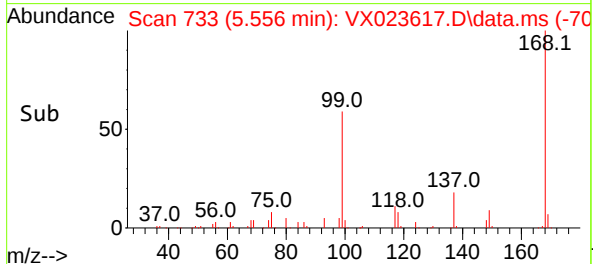
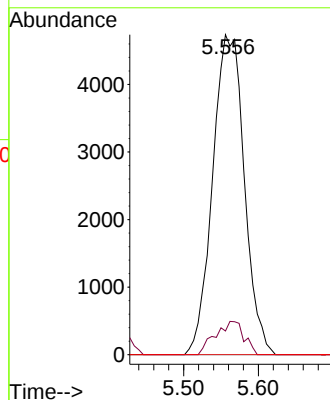
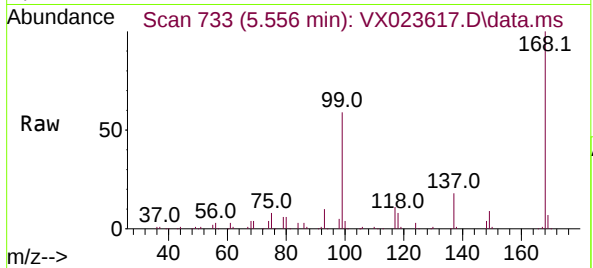




#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

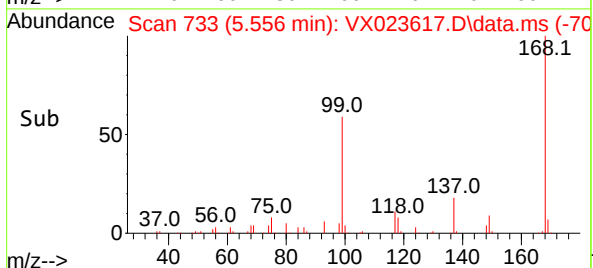
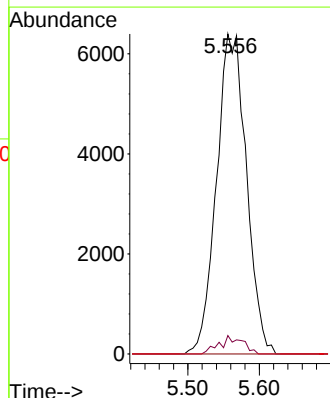
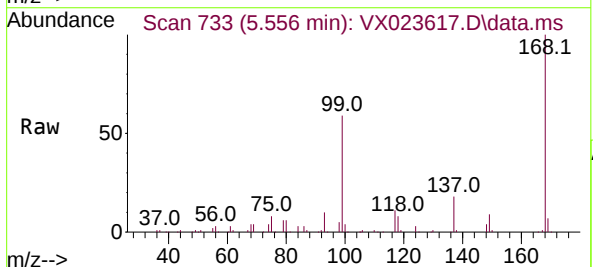
Instrument :
MSVOA_X
ClientSampled :
MW-4

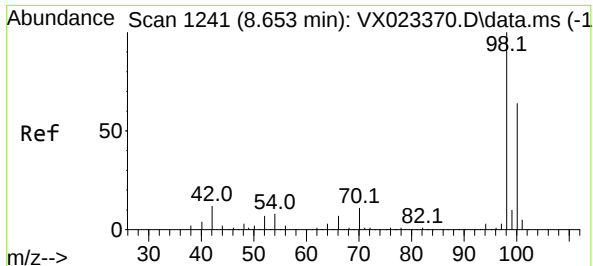
Tgt Ion: 75 Resp: 13960
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 117 Resp: 18557
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

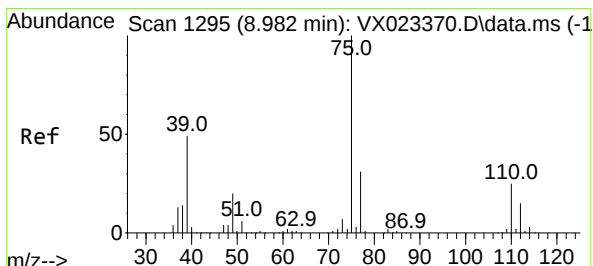
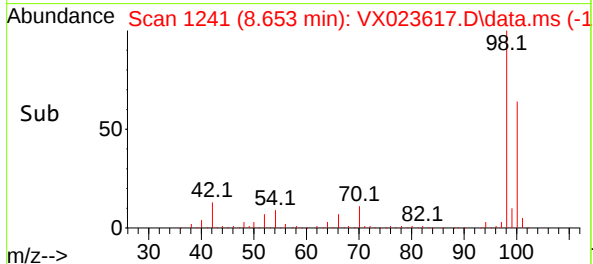
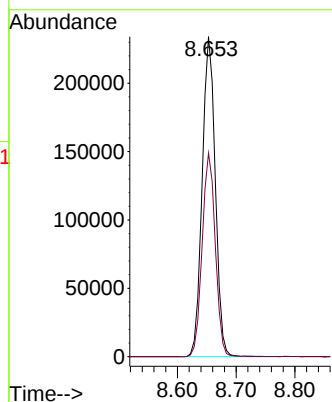
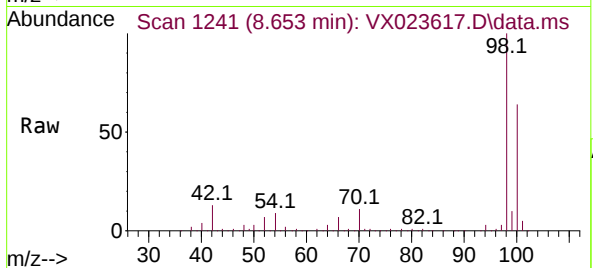




#50
Toluene-d8
Concen: 52.23 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

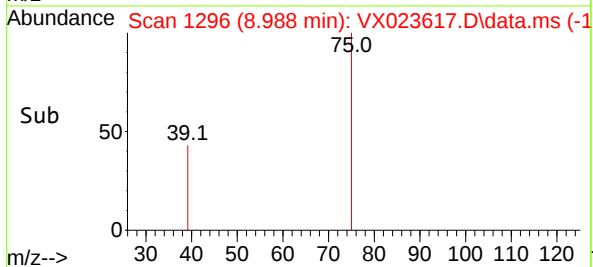
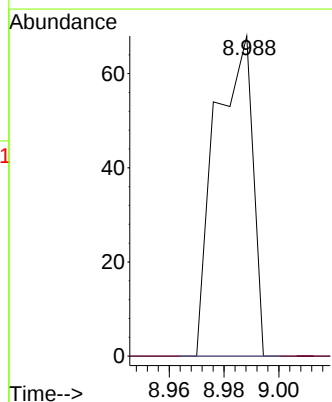
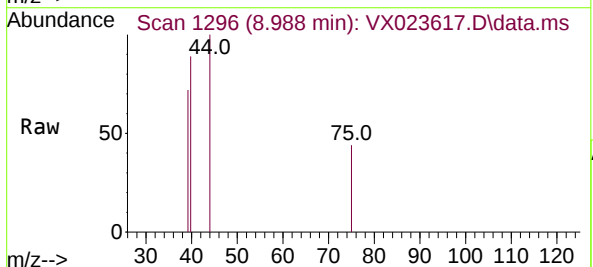
Instrument :
MSVOA_X
ClientSampled :
MW-4

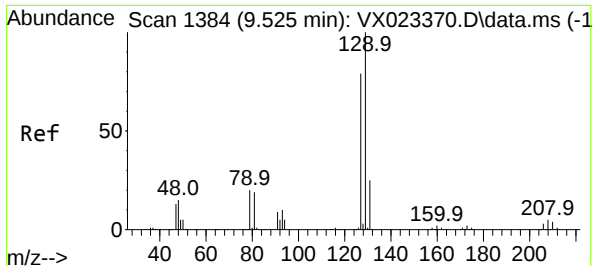
Tgt Ion: 98 Resp: 361805
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.84 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion: 75 Resp: 64
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 2.09 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023617.D

Acq: 09 Aug 2021 16:47

Tgt Ion:129 Resp: 249

Ion Ratio Lower Upper

129 100

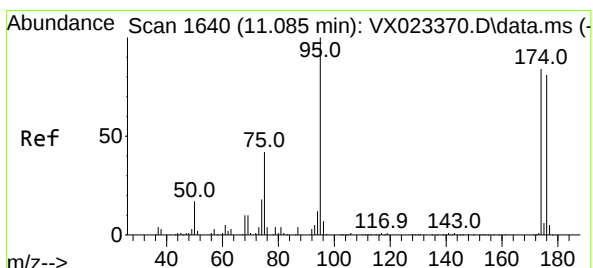
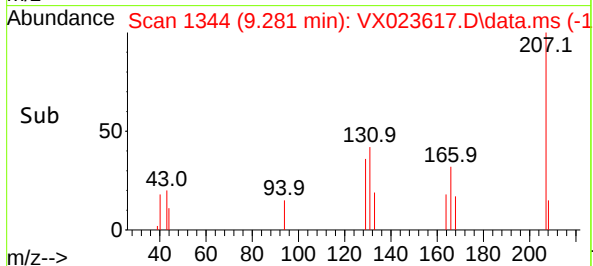
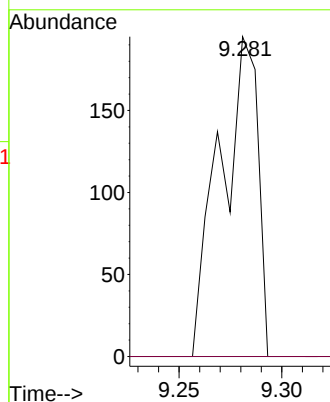
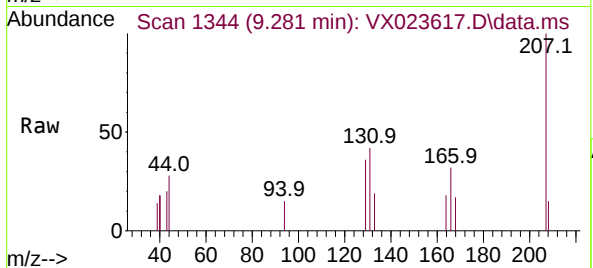
127 0.0 38.4 115.2#

Instrument :

MSVOA_X

ClientSampleId :

MW-4



#62

4-Bromofluorobenzene

Concen: 51.56 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023617.D

Acq: 09 Aug 2021 16:47

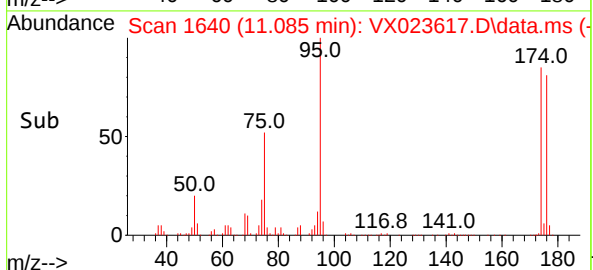
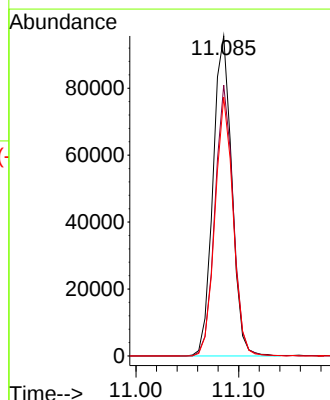
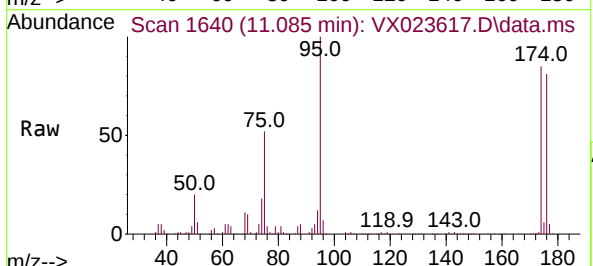
Tgt Ion: 95 Resp: 121448

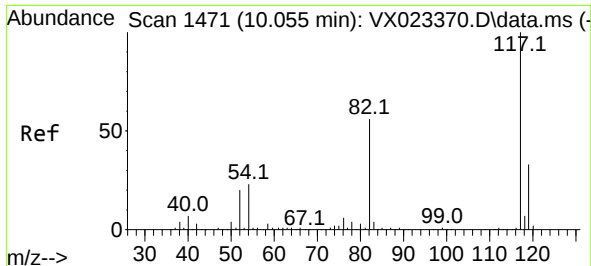
Ion Ratio Lower Upper

95 100

174 81.7 0.0 154.6

176 77.9 0.0 155.8

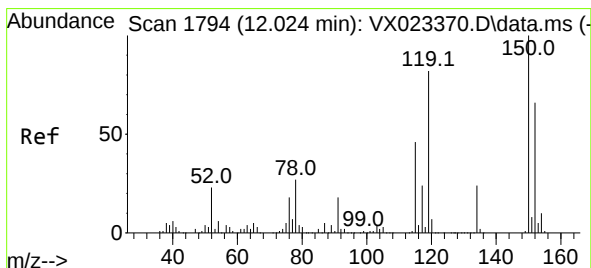
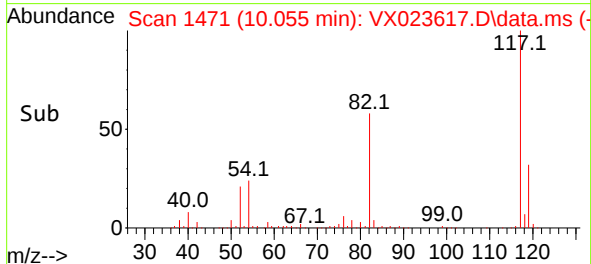
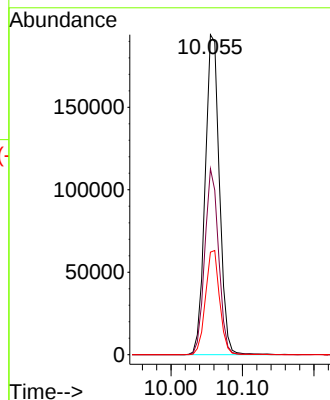
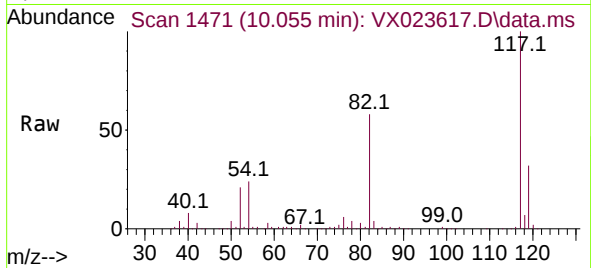




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

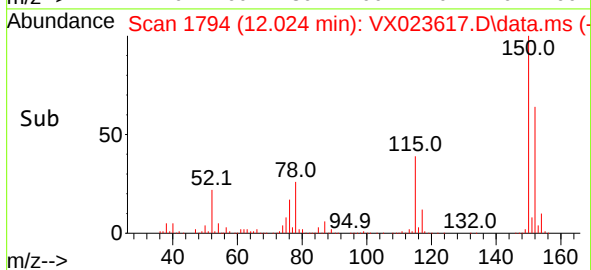
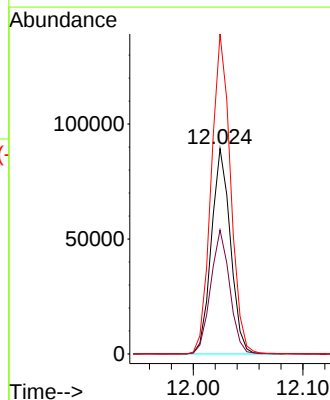
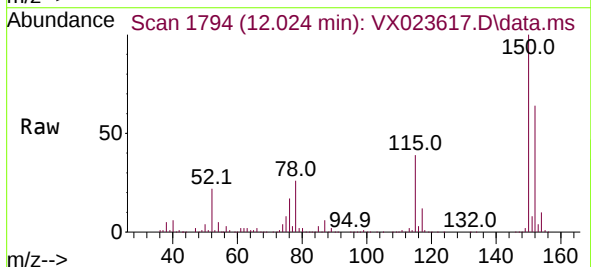
Instrument :
MSVOA_X
ClientSampled :
MW-4

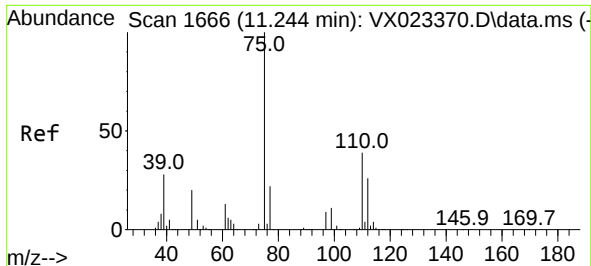
Tgt Ion:117 Resp: 269250
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

Tgt Ion:152 Resp: 107841
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.0 0.0 349.0

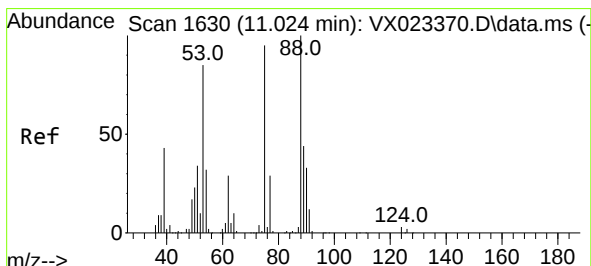
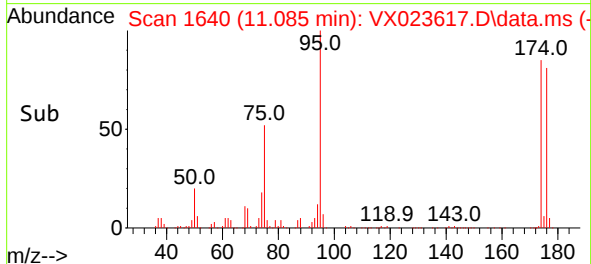
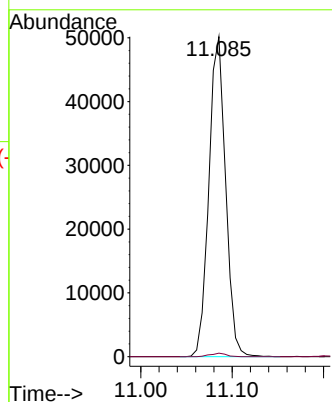
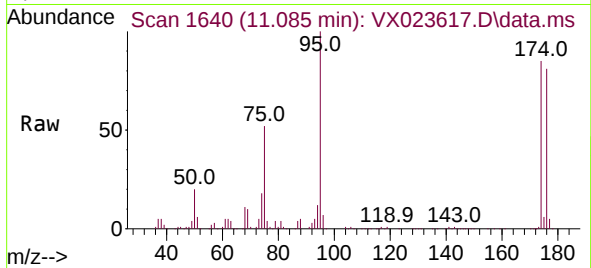




#76
1,2,3-Trichloropropane
Concen: 26.82 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

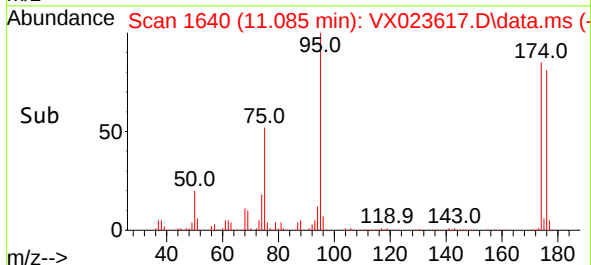
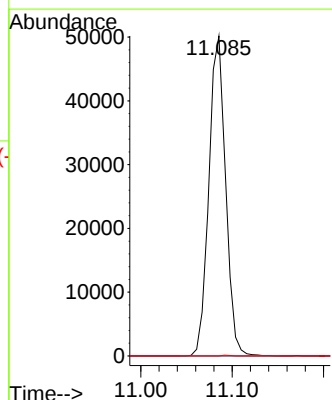
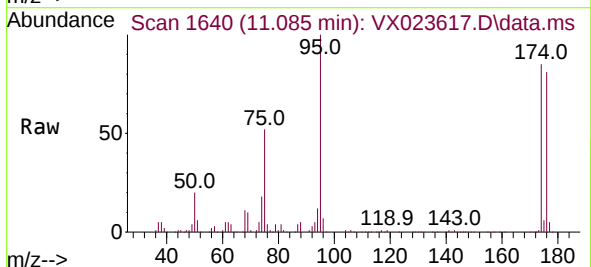
Instrument :
MSVOA_X
ClientSampled :
MW-4

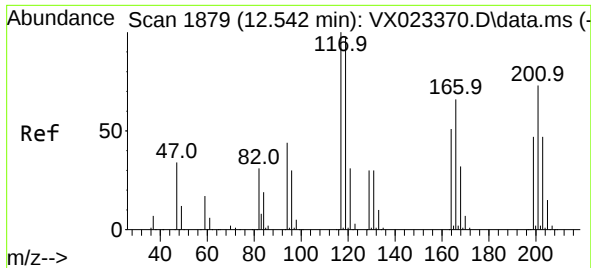
Tgt Ion: 75 Resp: 63650
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.12 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023617.D
Acq: 09 Aug 2021 16:47

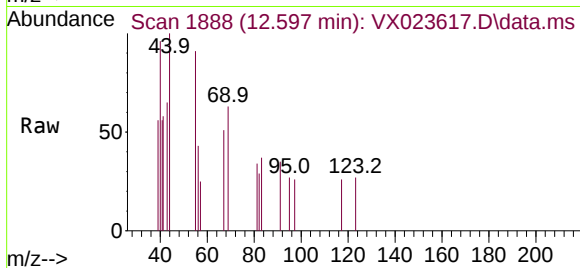
Tgt Ion: 75 Resp: 63650
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#90
 Hexachloroethane
 Concen: 1.91 ug/l
 RT: 12.597 min Scan# 1888
 Delta R.T. 0.055 min
 Lab File: VX023617.D
 Acq: 09 Aug 2021 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4



Tgt Ion:117 Resp: 20
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

