

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025488.D
 Acq On : 03 Dec 2021 17:29
 Operator : JC/MD
 Sample : M4924-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW38-RW3-MW1-20211202

Quant Time: Dec 04 06:52:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

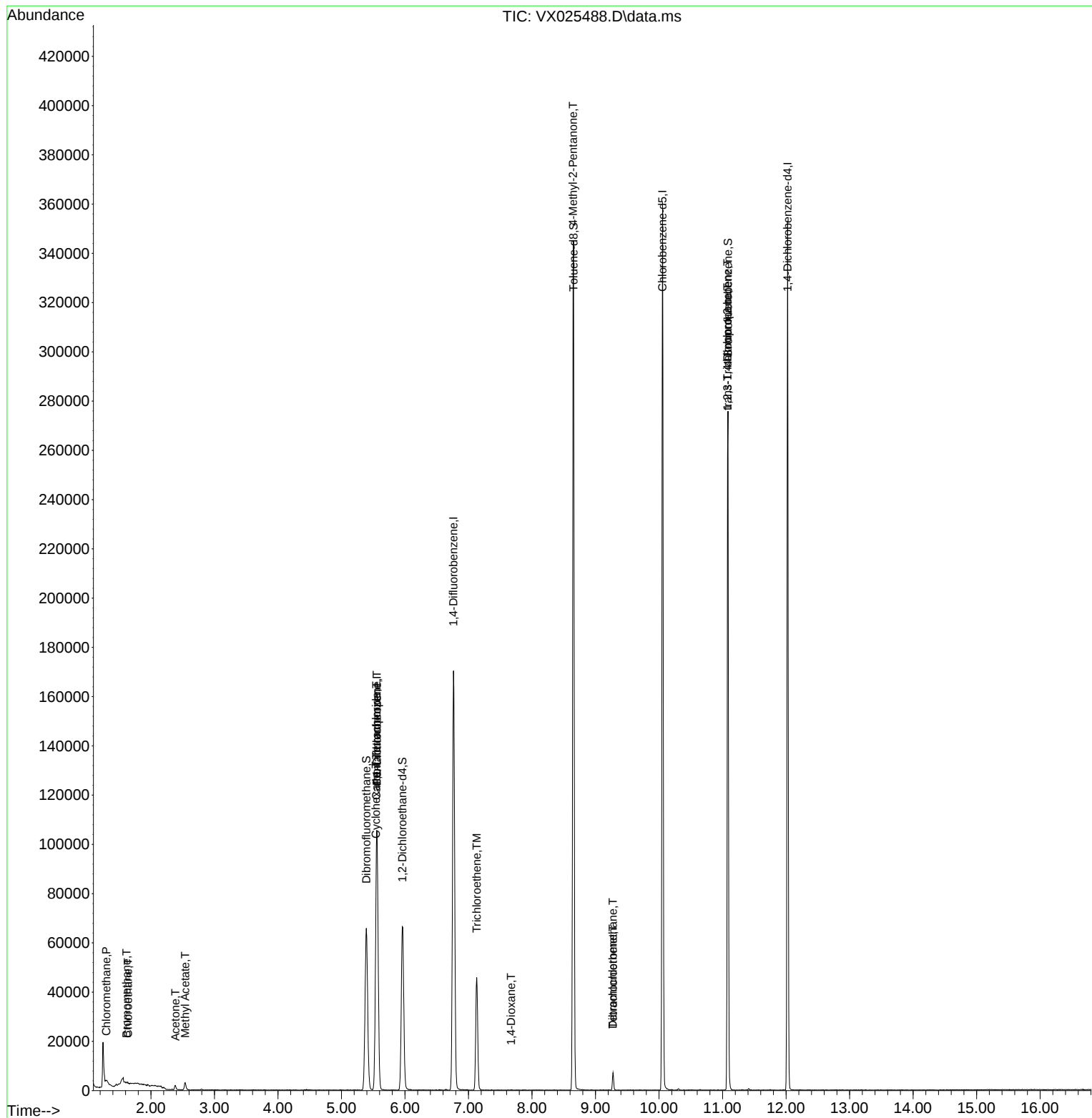
Internal Standards						
1) Pentafluorobenzene	5.556	168	107156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63577	56.288	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.580%	
35) Dibromofluoromethane	5.391	113	56163	50.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	211935	50.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	11.085	95	75136	47.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	255	0.222	ug/l #	42
5) Bromomethane	1.618	94	143	0.263	ug/l #	48
6) Chloroethane	1.636	64	344	0.395	ug/l #	43
16) Acetone	2.386	43	2001	3.188	ug/l	91
18) Methyl Acetate	2.538	43	917	0.457	ug/l #	52
31) Cyclohexane	5.544	56	1879	1.077	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	7491	4.714	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10188	5.821	ug/l #	15
44) Trichloroethene	7.129	130	18806	13.449	ug/l	90
49) 1,4-Dioxane	7.671	88	105	3.521	ug/l #	24
51) 4-Methyl-2-Pentanone	8.647	43	878	0.465	ug/l #	1
60) Dibromochloromethane	9.275	129	1230	0.856	ug/l #	11
64) Tetrachloroethene	9.275	164	1356	0.994	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	36126	24.141	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36126	60.815	ug/l #	9
95) Naphthalene	13.786	128	53	Below Cal	#	69

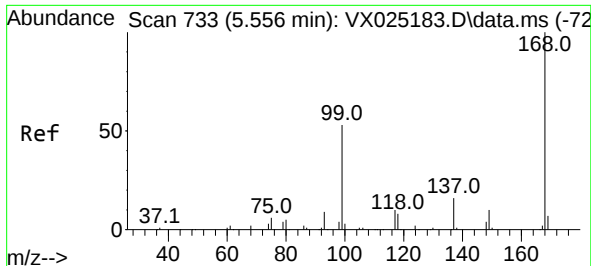
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 06:52:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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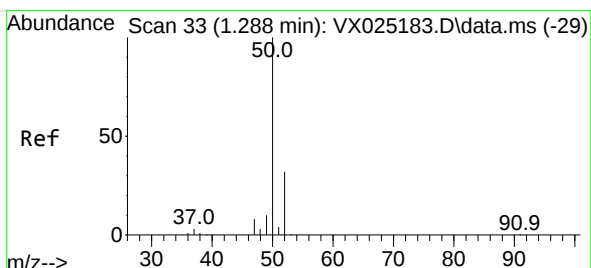
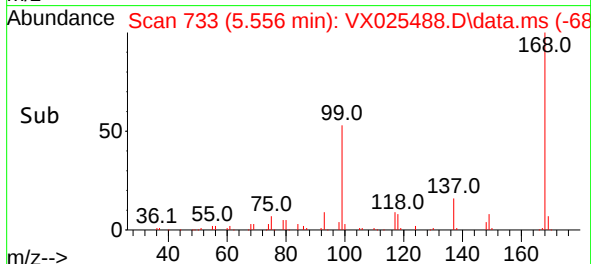
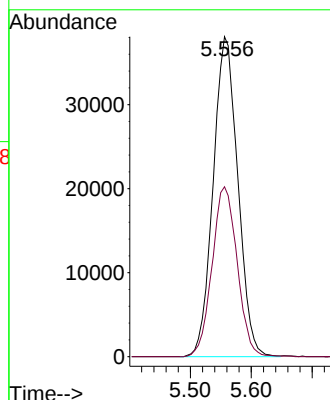
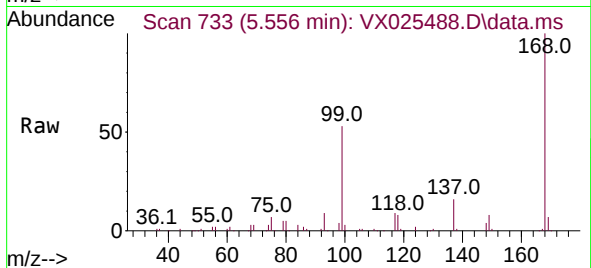




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

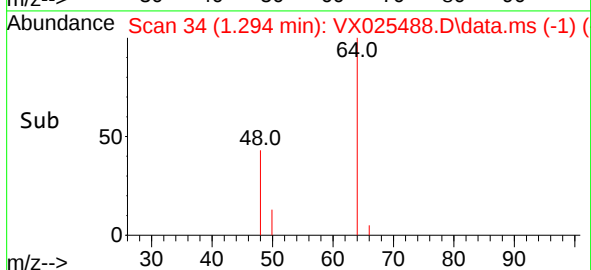
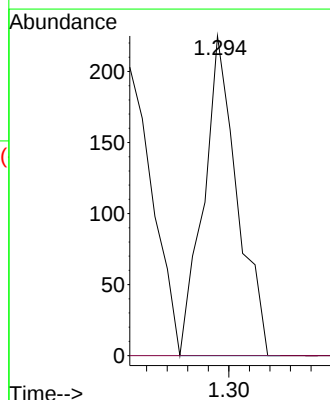
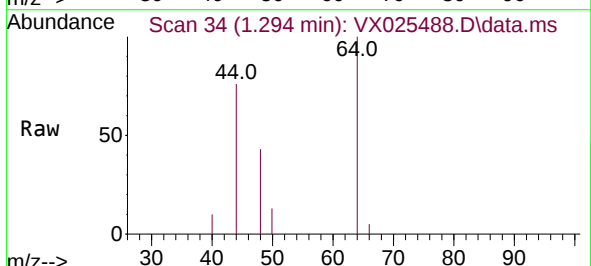
Instrument :
MSVOA_X
ClientSampleId :
GW38-RW3-MW1-20211202

Tgt Ion:168 Resp: 107156
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

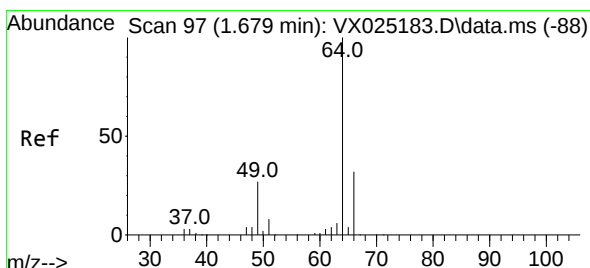
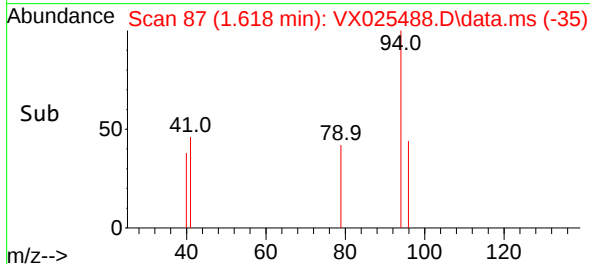
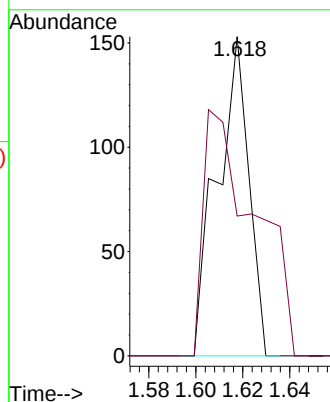
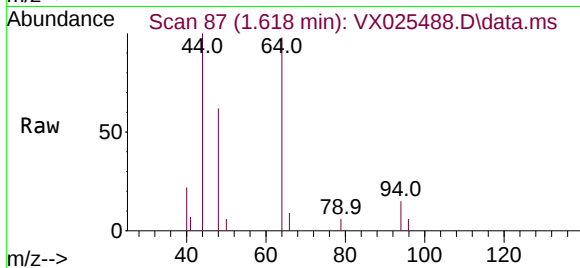




#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

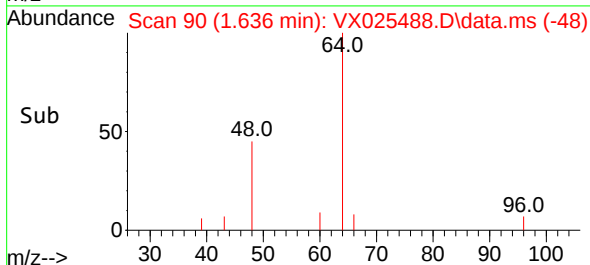
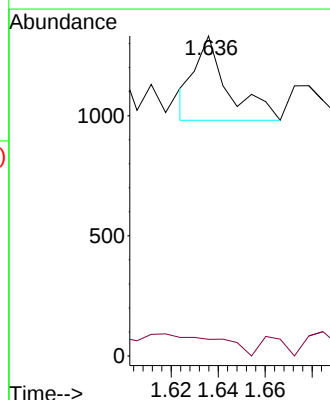
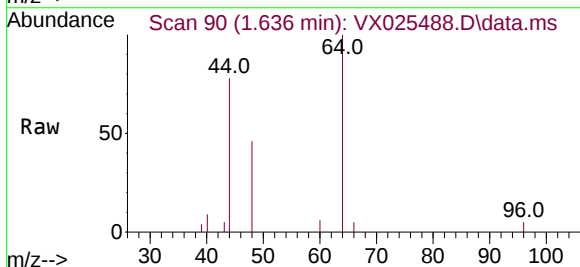
Instrument :
MSVOA_X
ClientSampleId :
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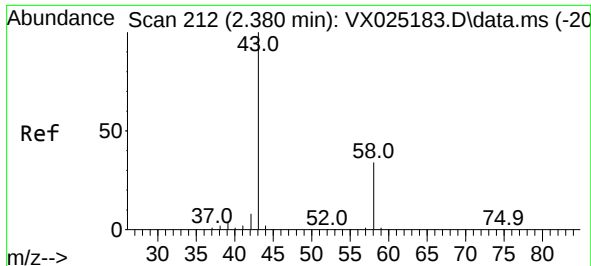
Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 43.8 74.8 112.2#



#6
Chloroethane
Concen: 0.395 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion: 64 Resp: 344
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

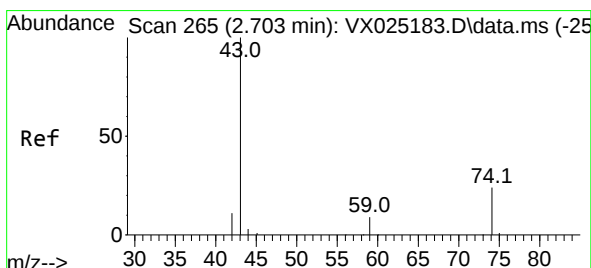
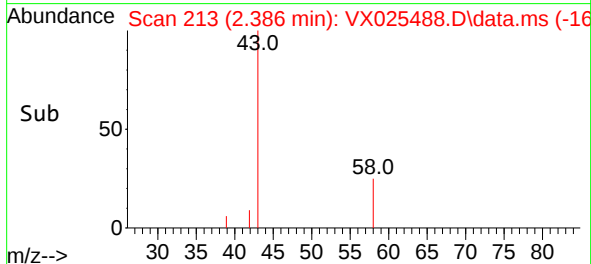
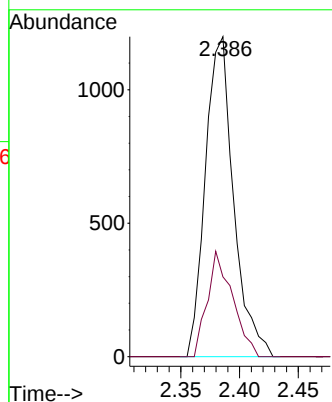
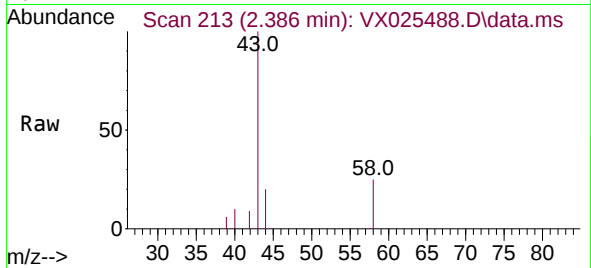




#16
Acetone
Concen: 3.188 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

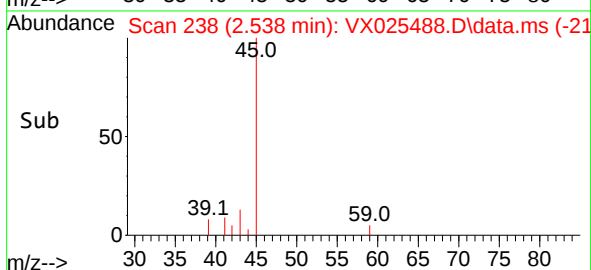
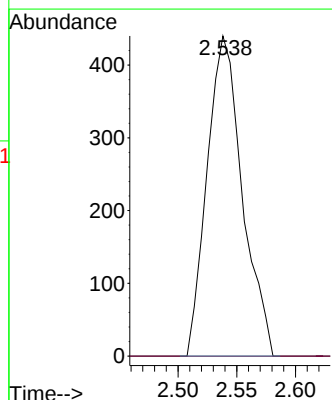
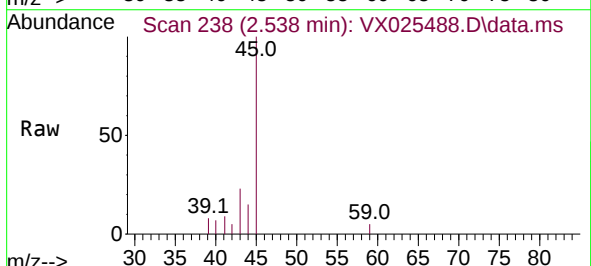
Instrument :
MSVOA_X
ClientSampleId :
GW38-RW3-MW1-20211202

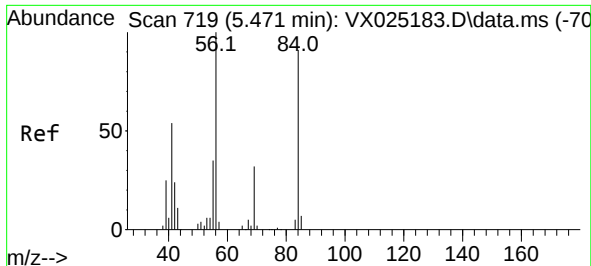
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 24.9 24.0 36.0



#18
Methyl Acetate
Concen: 0.457 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.165 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

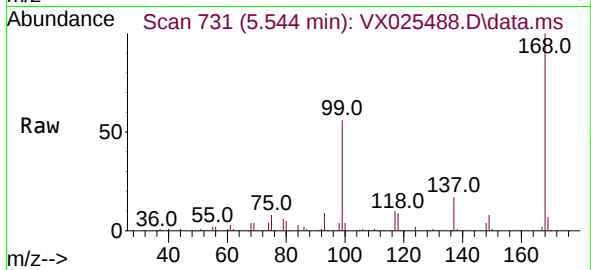
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



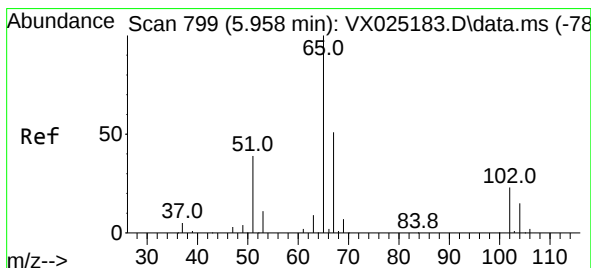
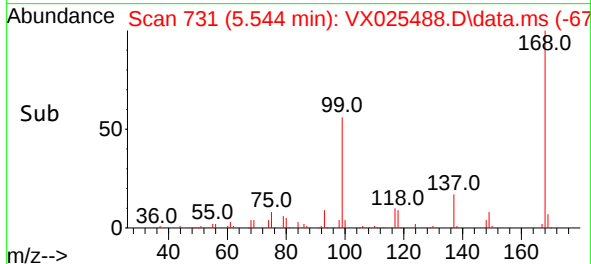
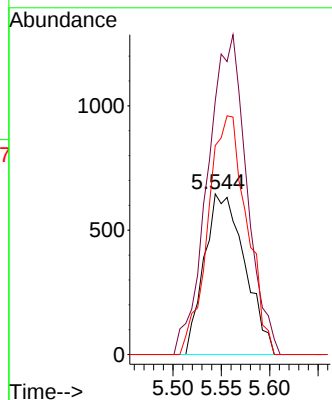


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
GW38-RW3-MW1-20211202

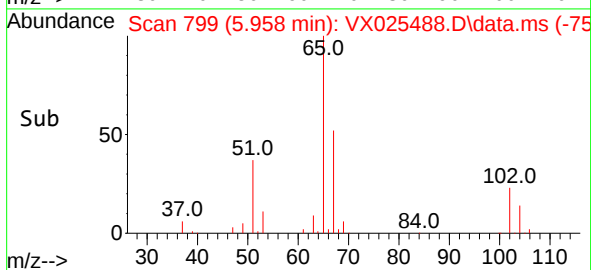
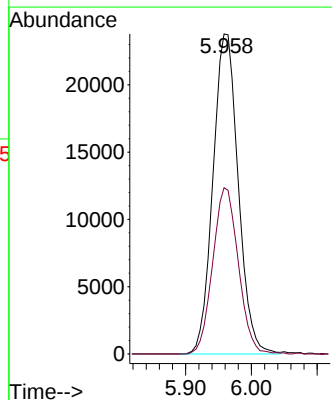
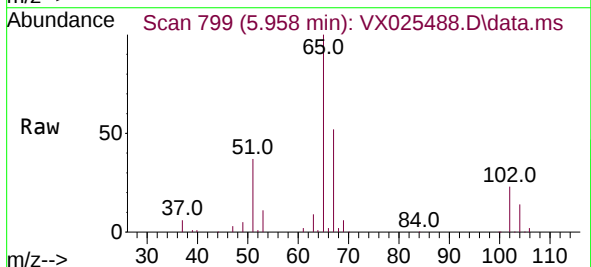


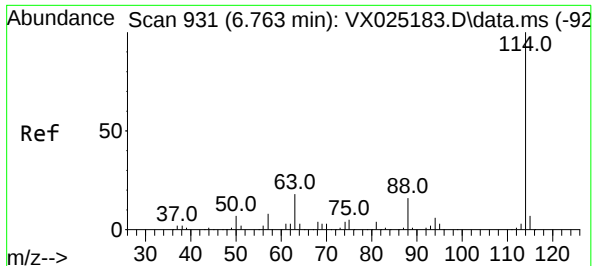
Tgt Ion: 56 Resp: 1879
Ion Ratio Lower Upper
56 100
69 157.7 24.2 36.2#
84 130.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.288 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion: 65 Resp: 63577
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.0

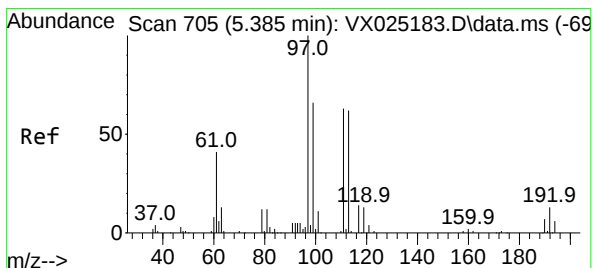
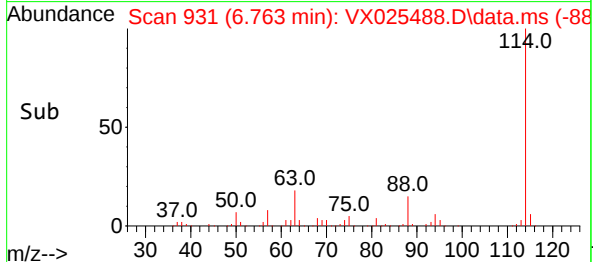
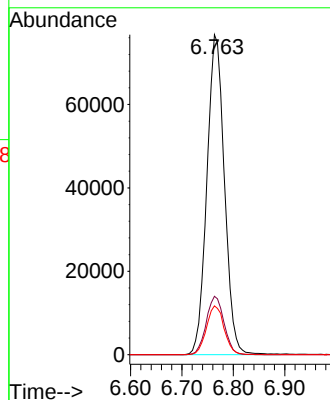
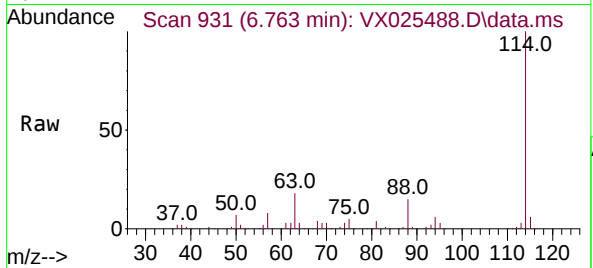




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

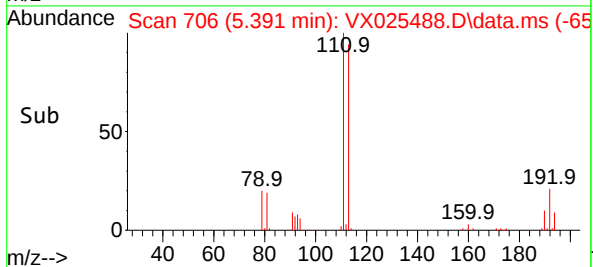
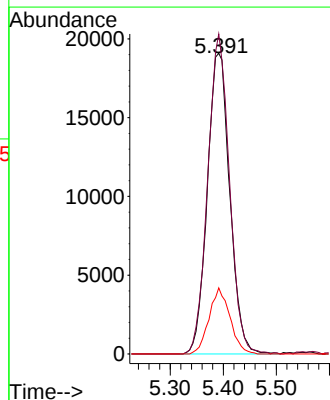
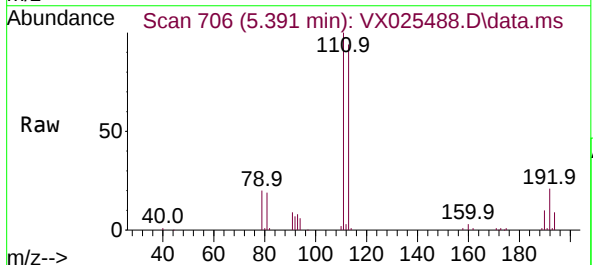
Instrument :
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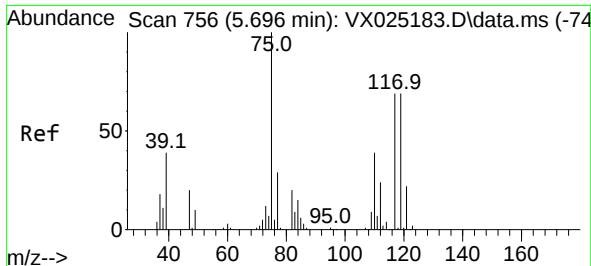
Tgt Ion:114 Resp: 182129
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion:113 Resp: 56163
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 20.5 15.6 23.4

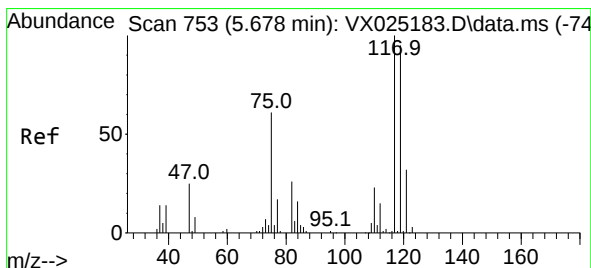
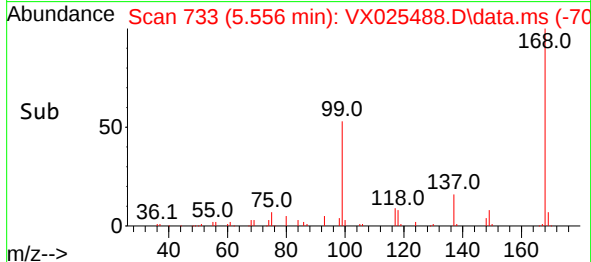
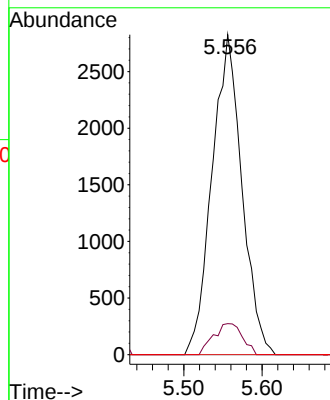
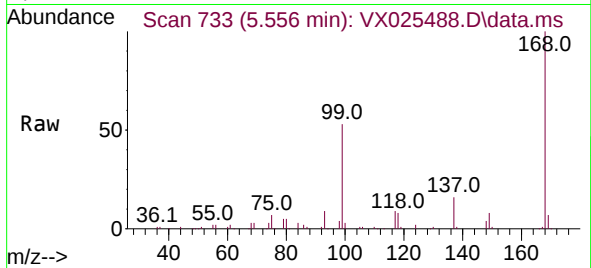




#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

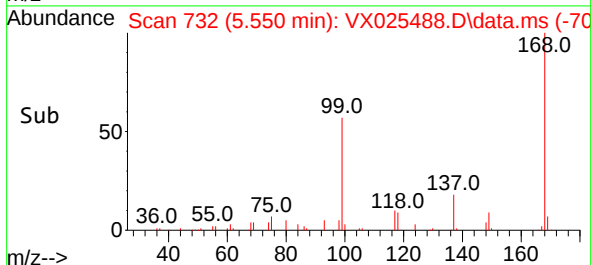
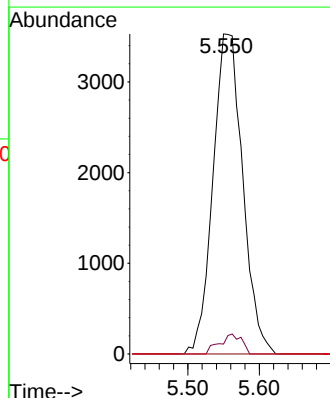
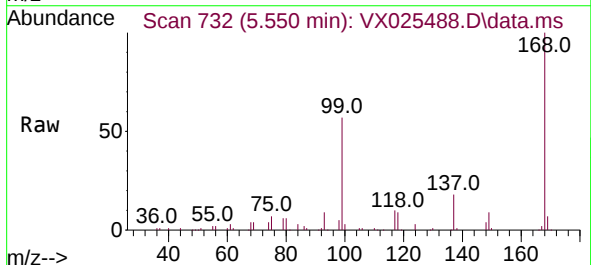
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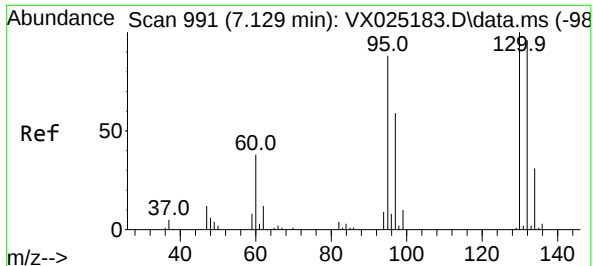
Tgt Ion: 75 Resp: 7491
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion: 117 Resp: 10188
Ion Ratio Lower Upper
117 100
119 3.1 75.6 113.4#
121 0.0 23.7 35.5#

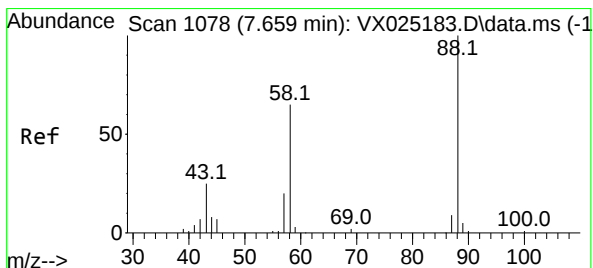
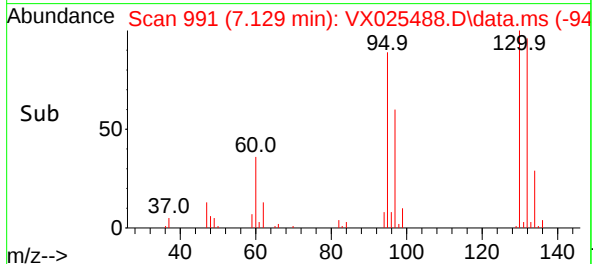
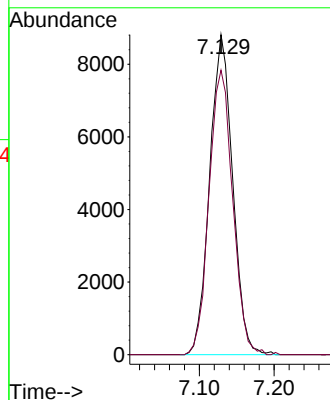
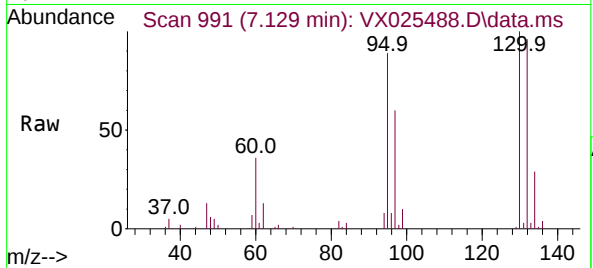




#44
Trichloroethene
Concen: 13.449 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

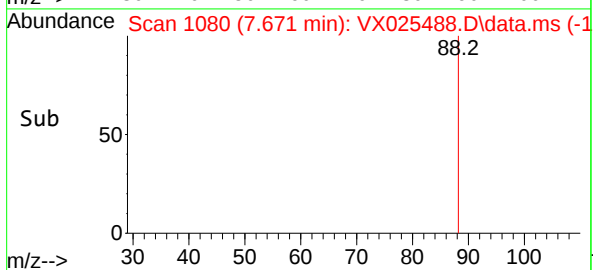
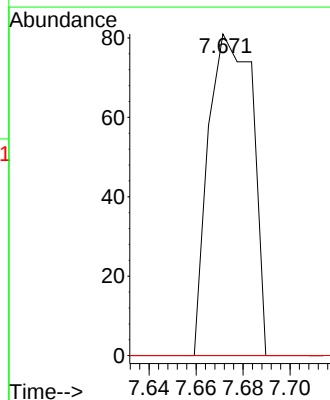
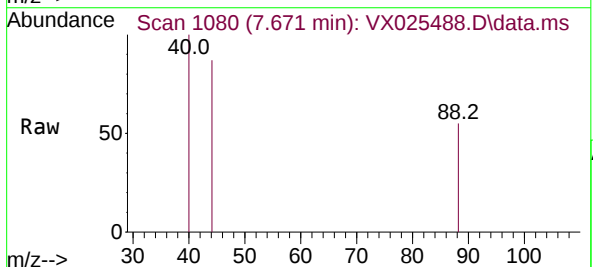
Instrument :
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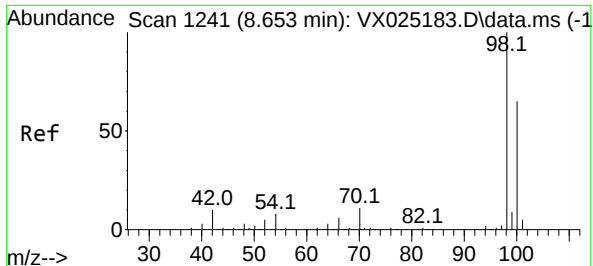
Tgt Ion:130 Resp: 18806
Ion Ratio Lower Upper
130 100
95 88.9 0.0 196.8



#49
1,4-Dioxane
Concen: 3.521 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.6#
58 0.0 55.2 82.8#





#50

Toluene-d8

Concen: 50.442 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025488.D

Acq: 03 Dec 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

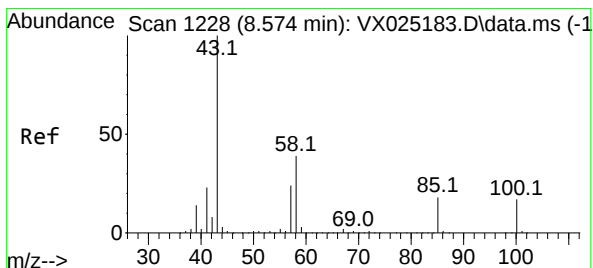
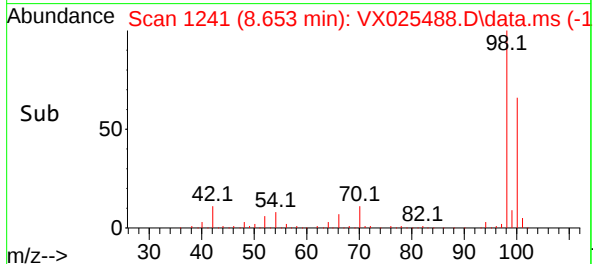
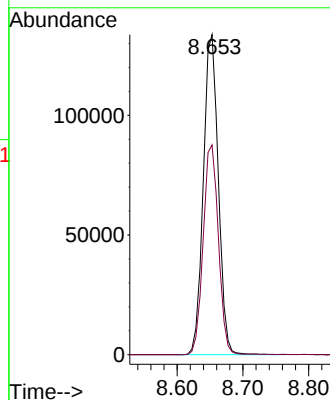
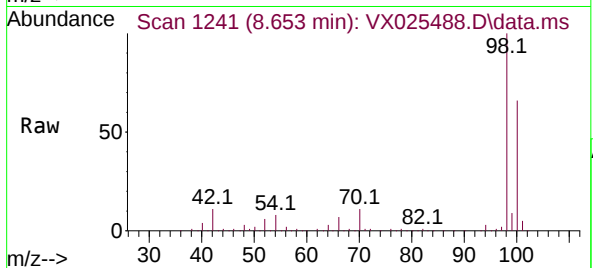
GW38-RW3-MW1-20211202

Tgt Ion: 98 Resp: 211935

Ion Ratio Lower Upper

98 100

100 66.5 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.465 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025488.D

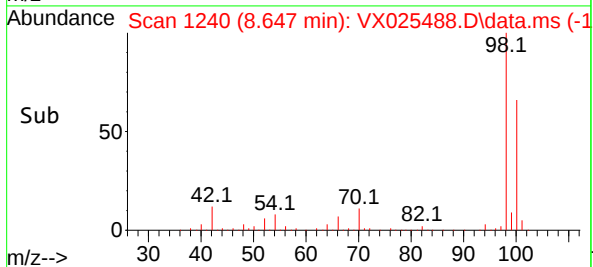
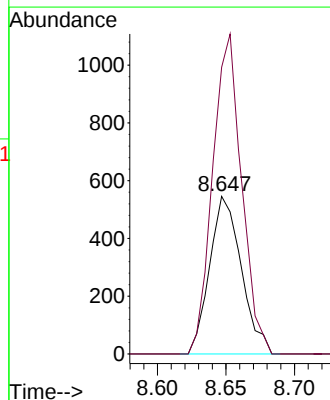
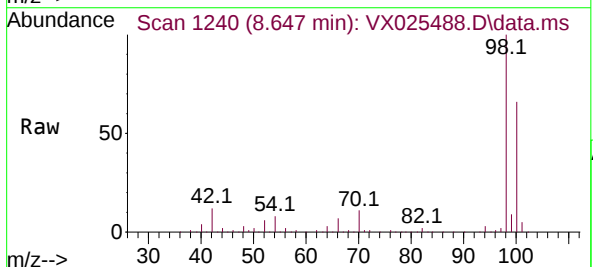
Acq: 03 Dec 2021 17:29

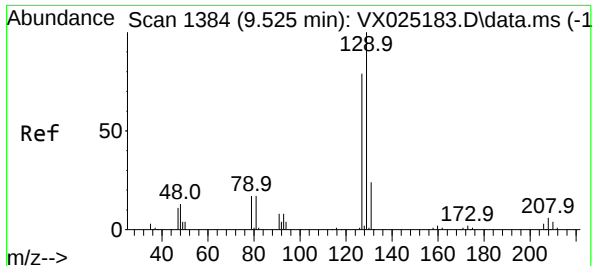
Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 185.5 30.9 46.3#

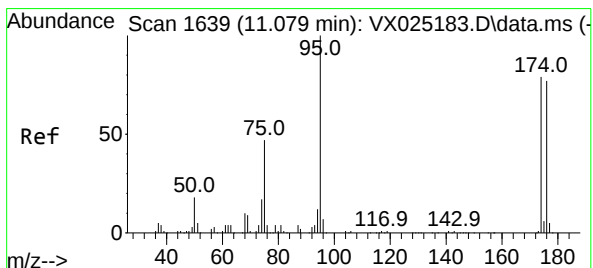
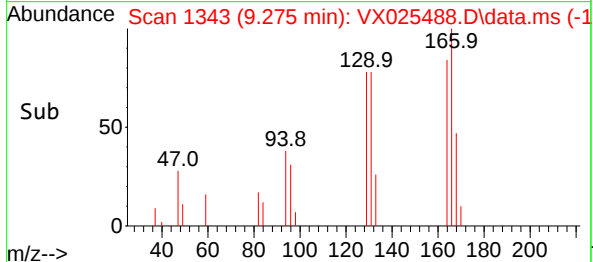
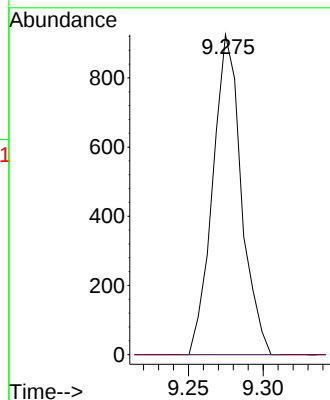
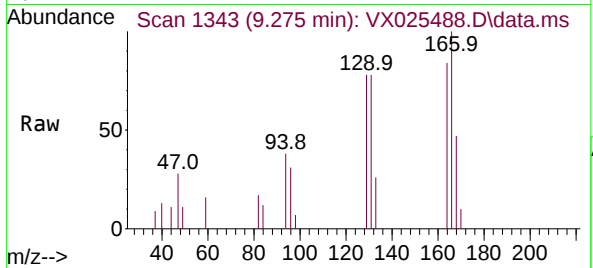




#60
Dibromochloromethane
Concen: 0.856 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

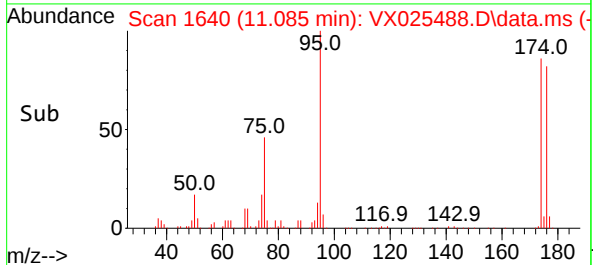
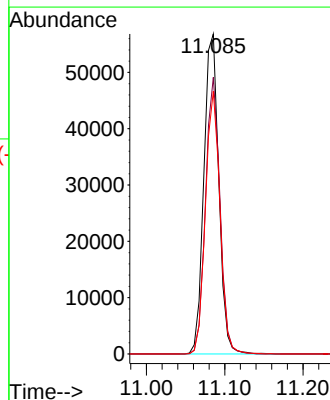
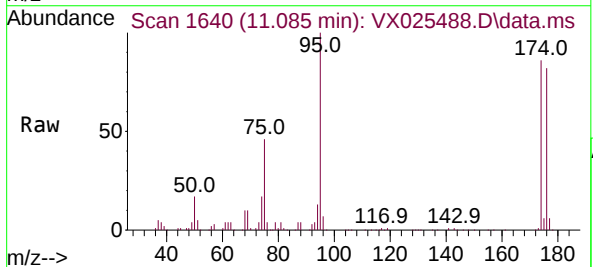
Instrument :
MSVOA_X
ClientSampleId :
GW38-RW3-MW1-20211202

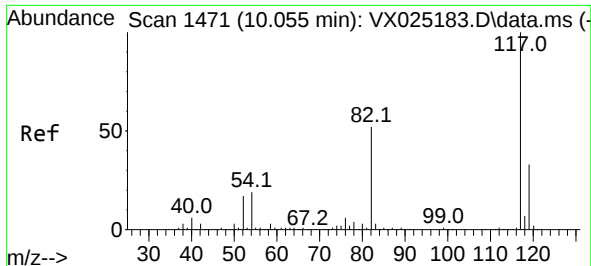
Tgt Ion:129 Resp: 1230
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 47.270 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion: 95 Resp: 75136
Ion Ratio Lower Upper
95 100
174 83.6 0.0 158.0
176 80.2 0.0 153.6

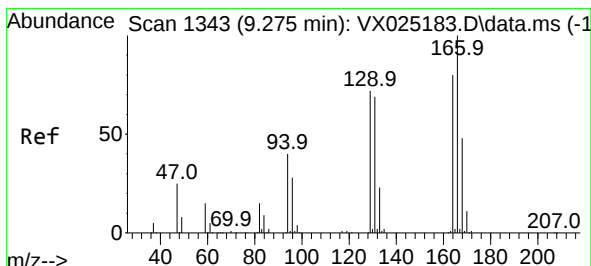
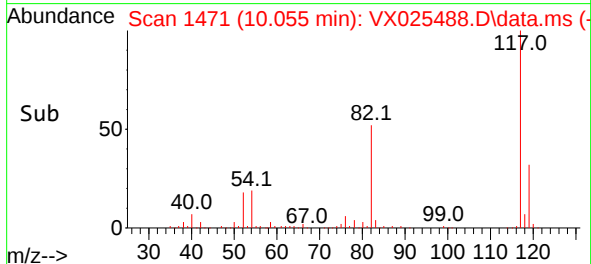
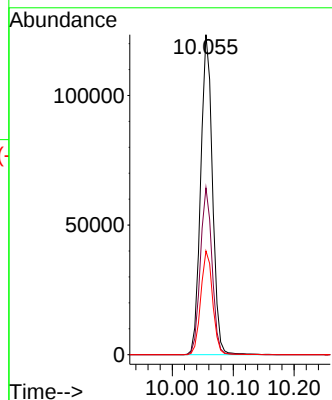
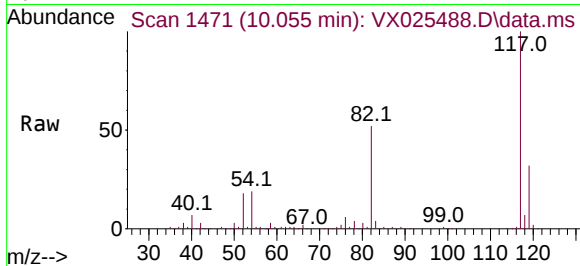




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

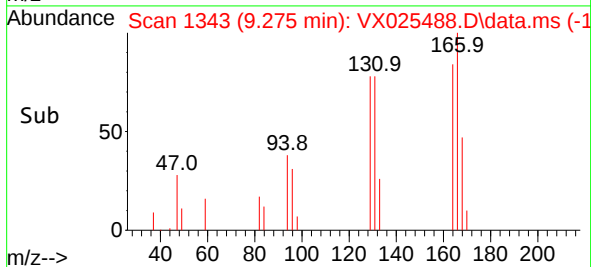
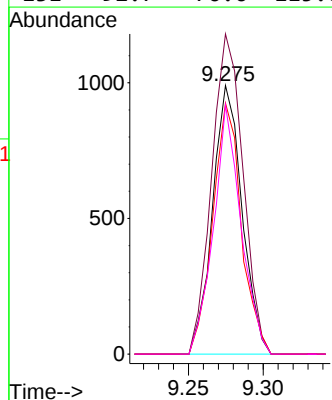
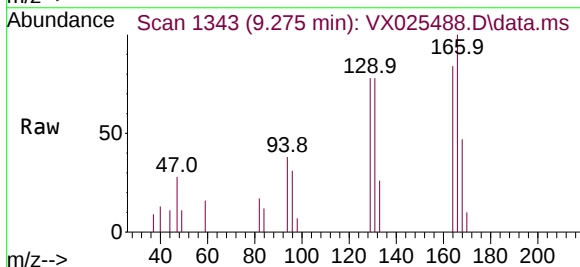
Instrument :
MSVOA_X
ClientSampleId :
GW38-RW3-MW1-20211202

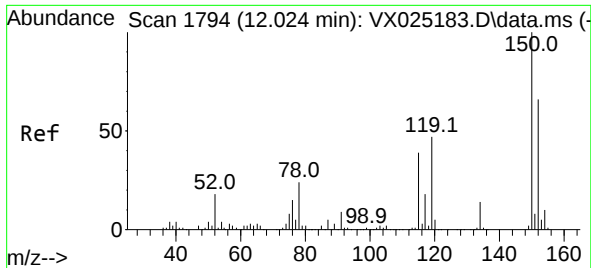
Tgt Ion:117 Resp: 165444
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 0.994 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion:164 Resp: 1356
Ion Ratio Lower Upper
164 100
166 119.2 103.2 154.8
129 93.4 81.0 121.4
131 92.7 76.6 115.0

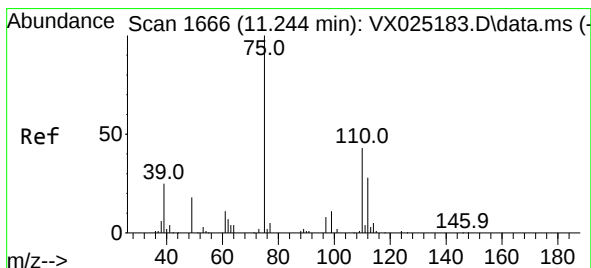
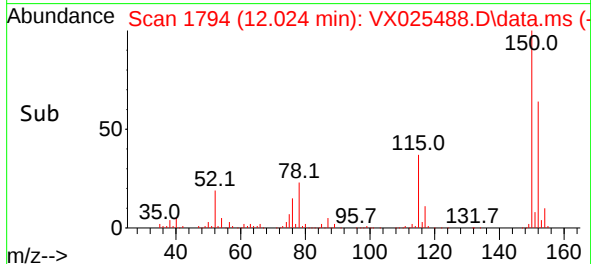
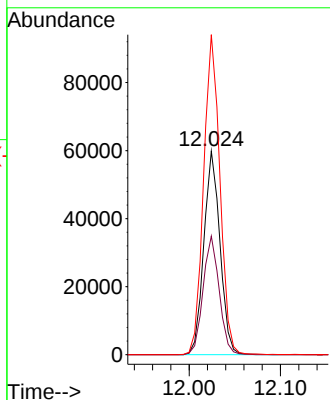
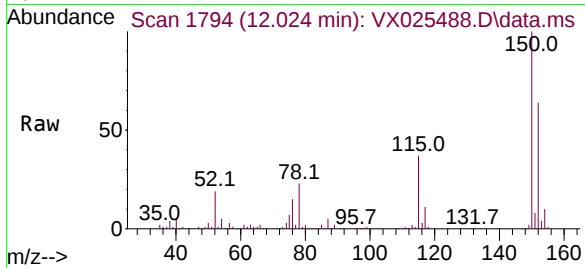




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025488.D
 Acq: 03 Dec 2021 17:29

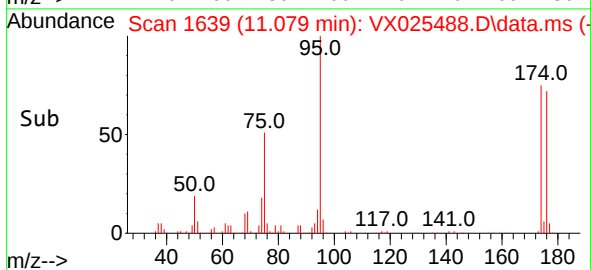
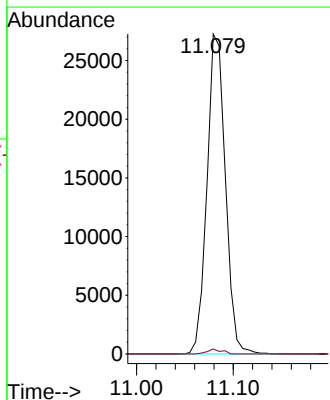
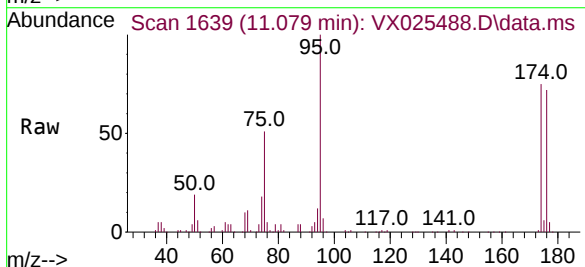
Instrument :
 MSVOA_X
 ClientSampleId :
 GW38-RW3-MW1-20211202

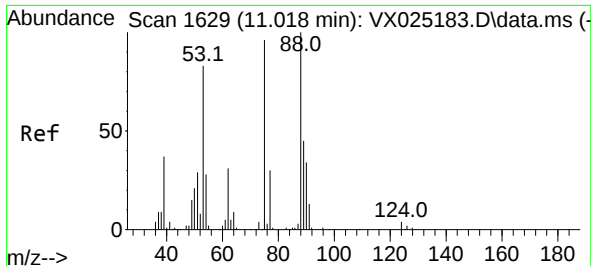
Tgt Ion:152 Resp: 73077
 Ion Ratio Lower Upper
 152 100
 115 58.1 43.3 129.8
 150 159.0 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.141 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025488.D
 Acq: 03 Dec 2021 17:29

Tgt Ion: 75 Resp: 36126
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 59.9#

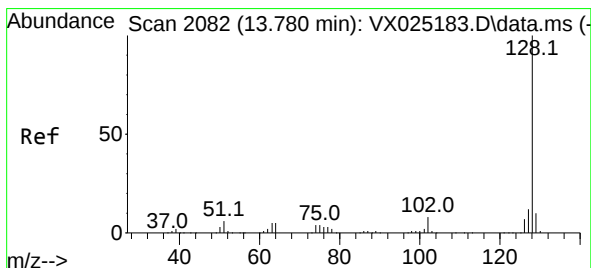
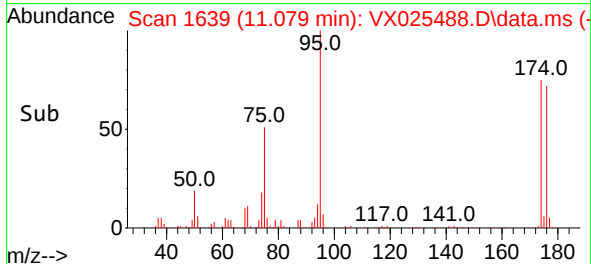
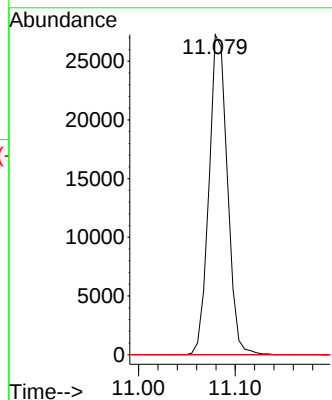
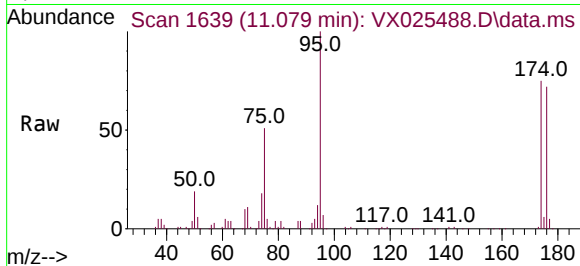




#81
trans-1,4-Dichloro-2-butene
Concen: 60.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
GW38-RW3-MW1-20211202

Tgt Ion: 75 Resp: 36126
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025488.D
Acq: 03 Dec 2021 17:29

Tgt Ion:128 Resp: 53
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

