

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035027.D
 Acq On : 11 Apr 2023 22:08
 Operator : JC/MD
 Sample : 02272-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11-040623

Quant Time: Apr 12 05:57:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

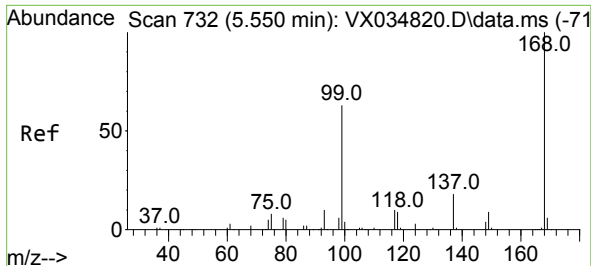
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	267966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194767	47.526	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.060%
35) Dibromofluoromethane	5.385	113	146352	47.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	558321	49.325	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	210302	48.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.020%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1385	0.832	ug/l	96
31) Cyclohexane	5.544	56	6225	1.247	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	22512	4.955	ug/l #	52
38) Carbon Tetrachloride	5.550	117	29330	6.847	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2733	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111104	29.020	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111104	86.972	ug/l #	8

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

Quant Time: Apr 12 05:57:12 2023
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Response via : Initial Calibration

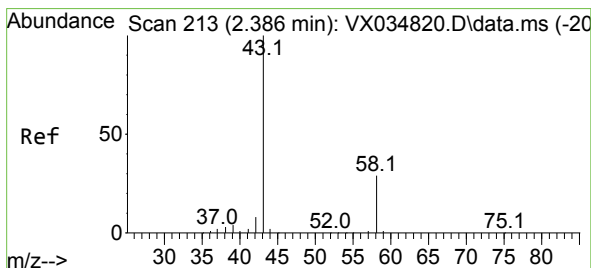
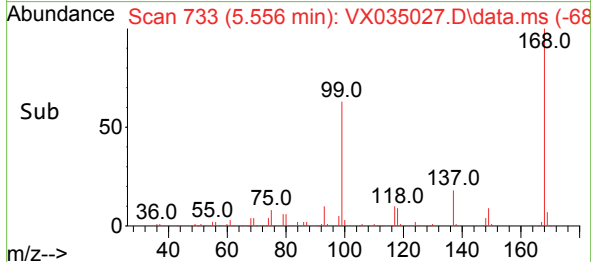
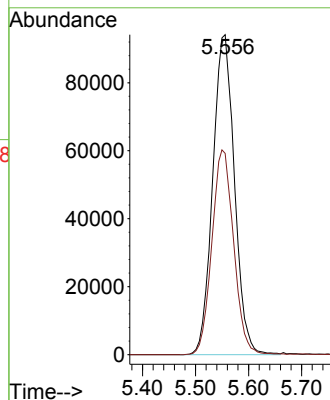
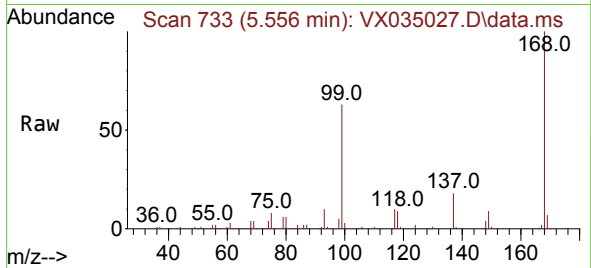




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

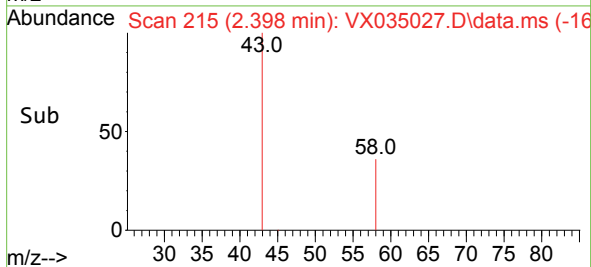
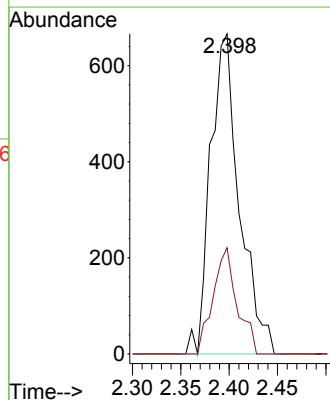
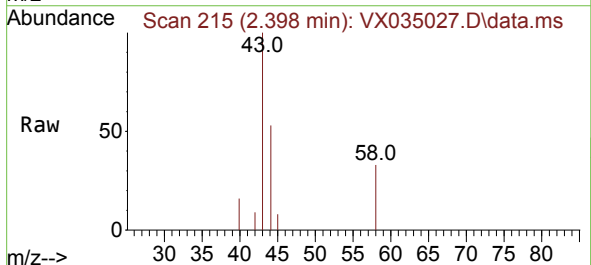
Instrument :
MSVOA_X
ClientSampleId :
MW-11-040623

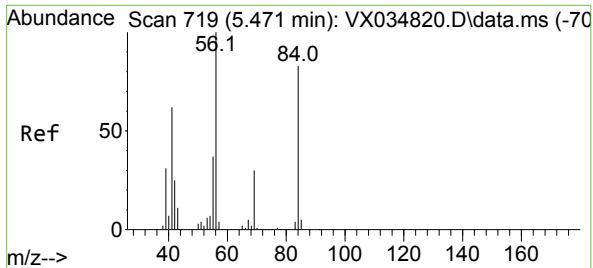
Tgt Ion:168 Resp: 267966
Ion Ratio Lower Upper
168 100
99 62.9 45.7 68.5



#16
Acetone
Concen: 0.832 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

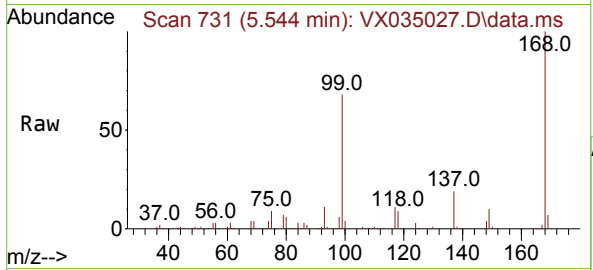
Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 33.2 24.7 37.1



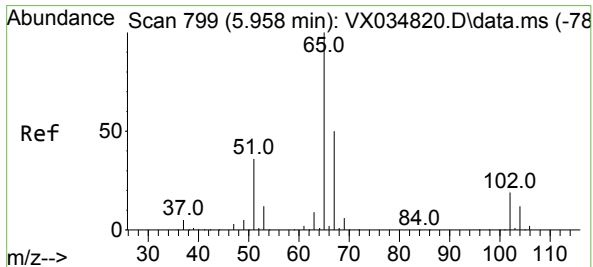
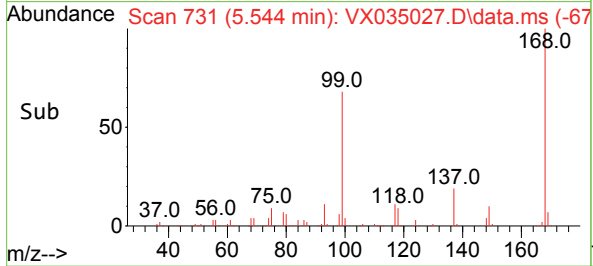
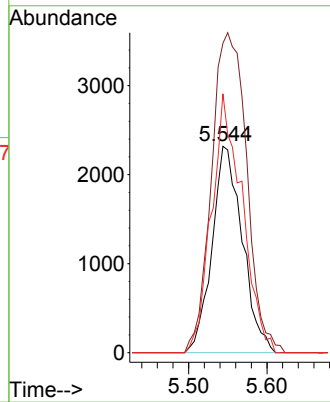


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

Instrument :
MSVOA_X
ClientSampleId :
MW-11-040623

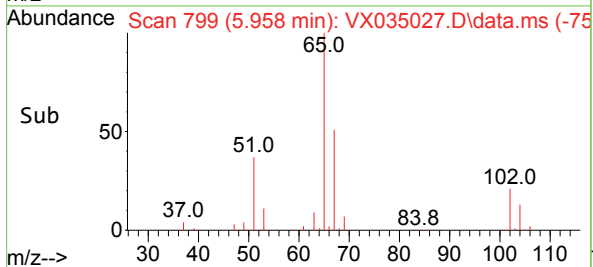
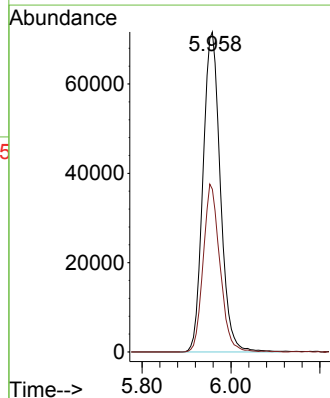
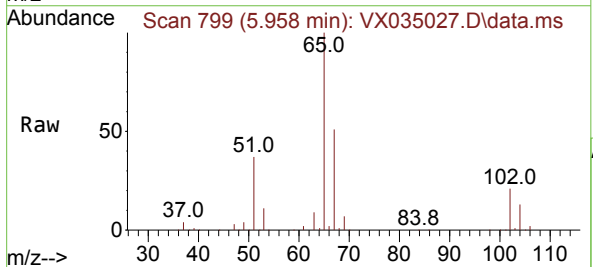


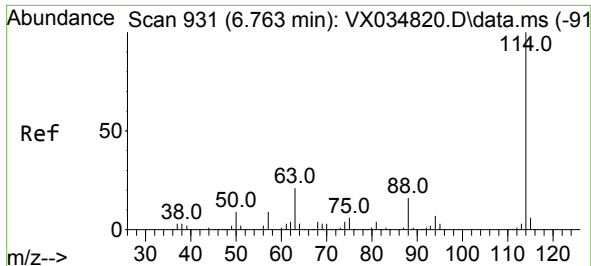
Tgt Ion: 56 Resp: 6225
Ion Ratio Lower Upper
56 100
69 149.9 23.7 35.5#
84 125.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.526 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

Tgt Ion: 65 Resp: 194767
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

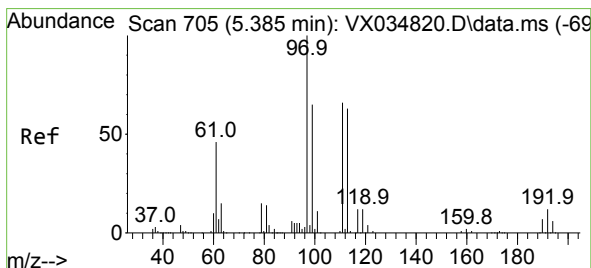
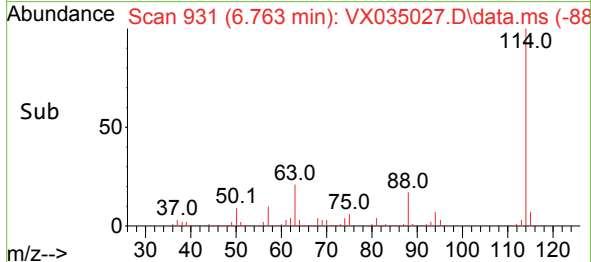
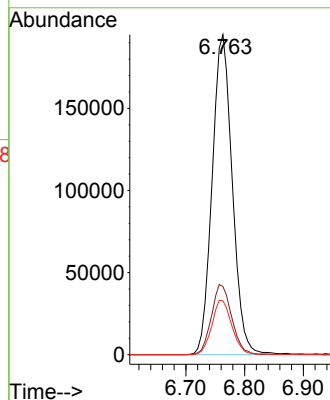
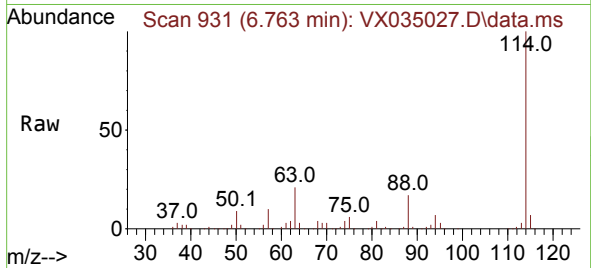




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

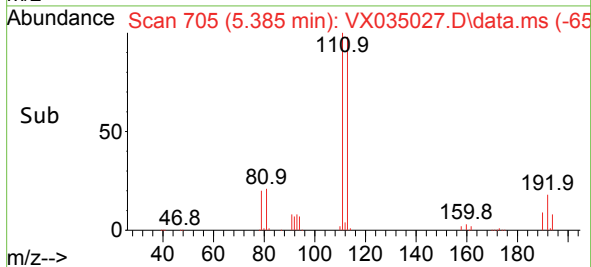
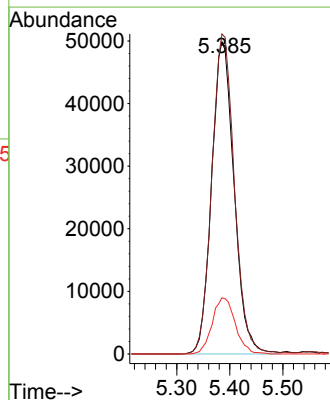
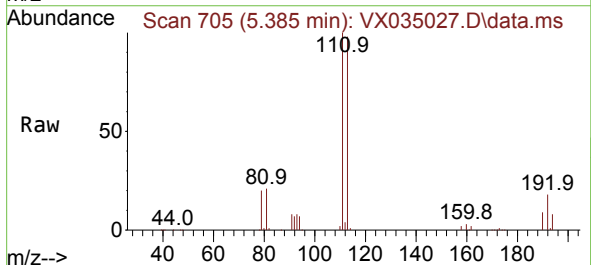
Instrument :
MSVOA_X
ClientSampleId :
MW-11-040623

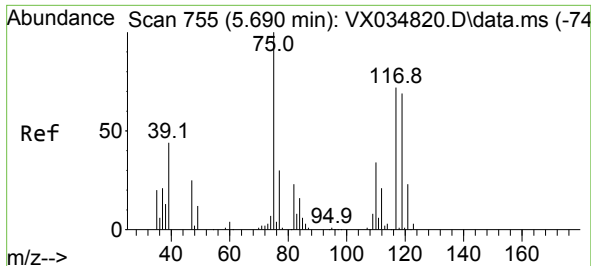
Tgt Ion:114 Resp: 463648
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.724 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

Tgt Ion:113 Resp: 146352
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.5 15.4 23.2

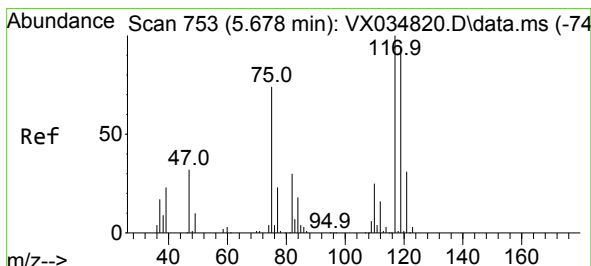
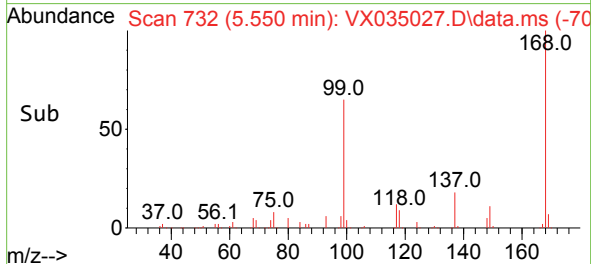
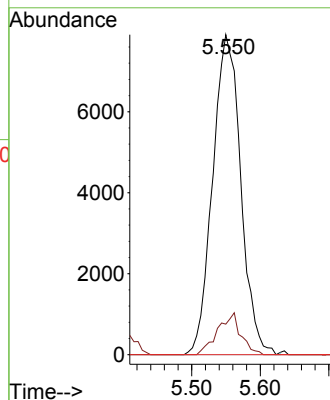
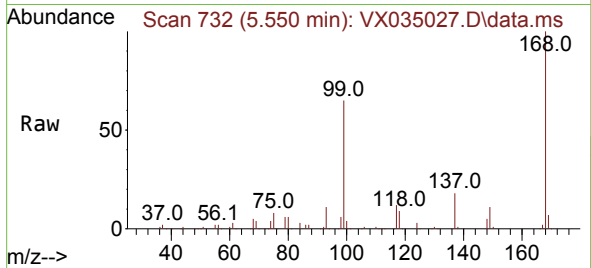




#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

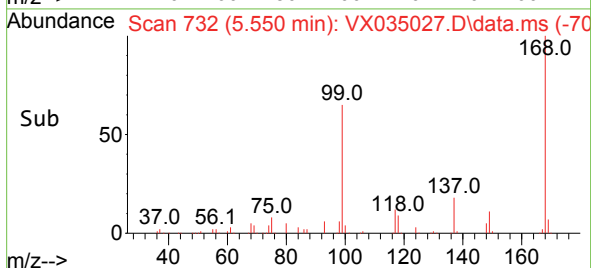
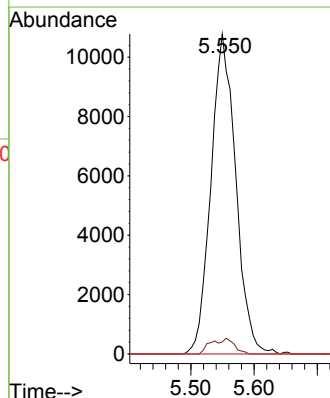
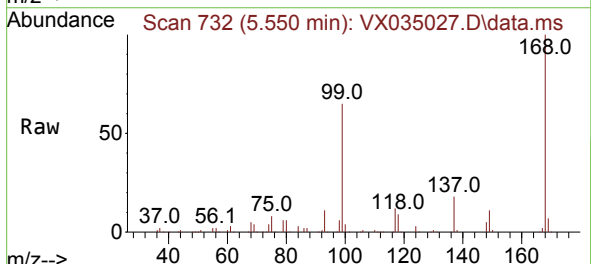
Instrument :
MSVOA_X
ClientSampleId :
MW-11-040623

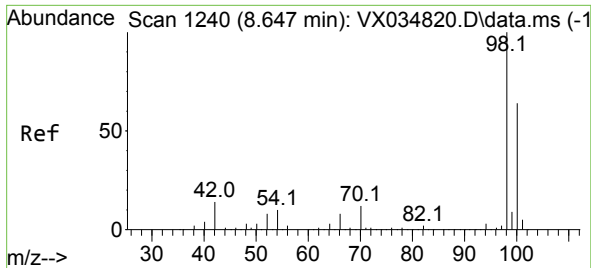
Tgt Ion: 75 Resp: 22512
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.847 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

Tgt Ion: 117 Resp: 29330
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#

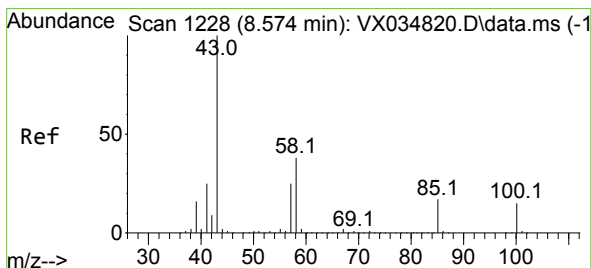
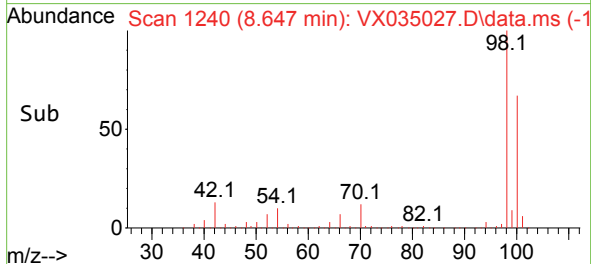
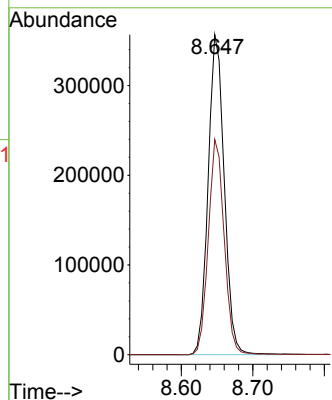
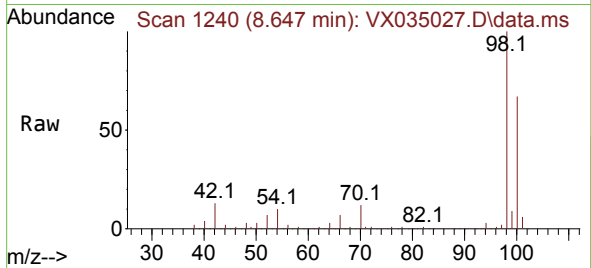




#50
Toluene-d8
Concen: 49.325 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

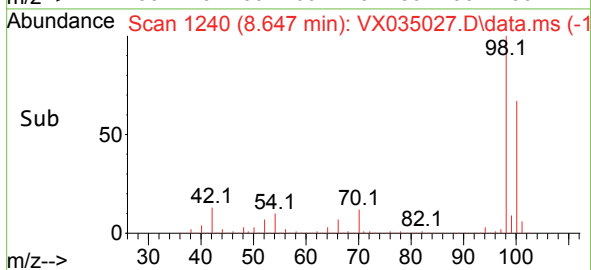
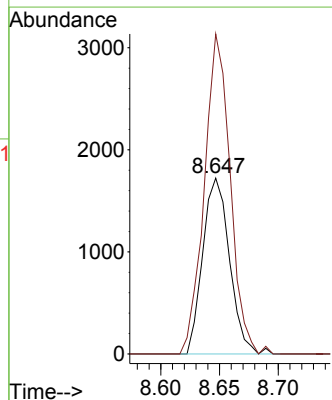
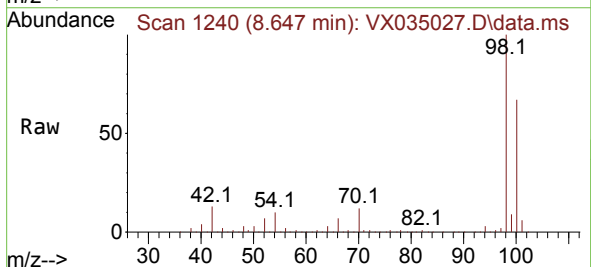
Instrument :
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MW-11-040623

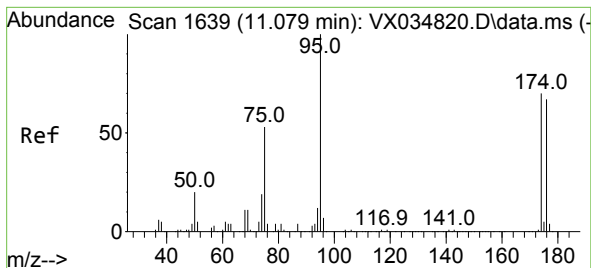
Tgt Ion: 98 Resp: 558321
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 176.3 30.6 46.0#

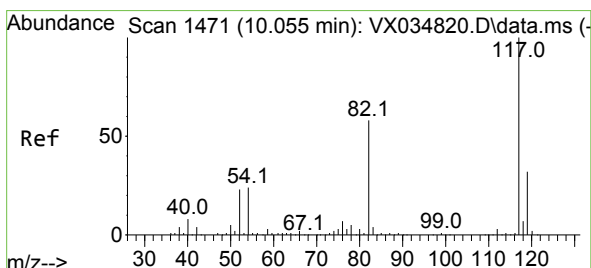
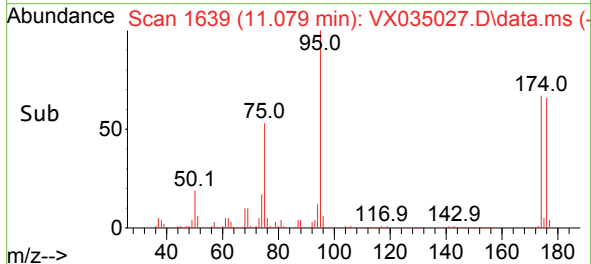
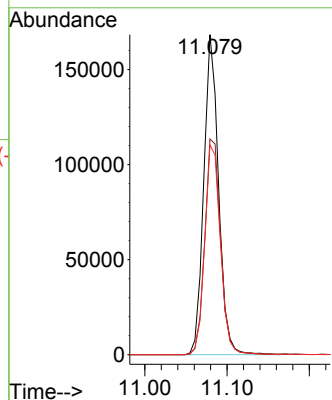
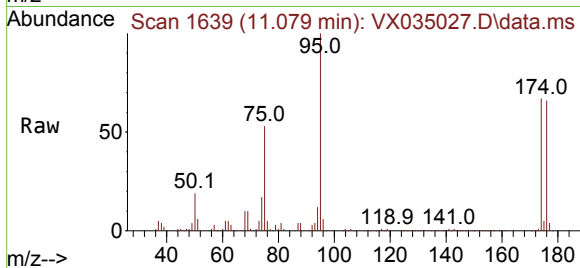




#62
4-Bromofluorobenzene
Concen: 48.011 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

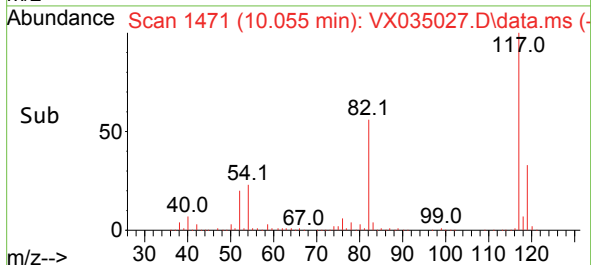
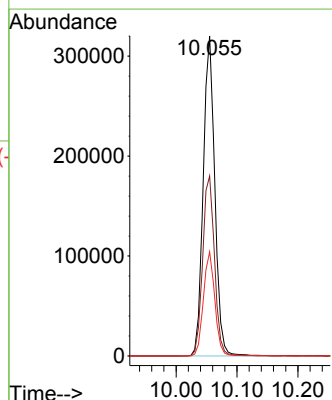
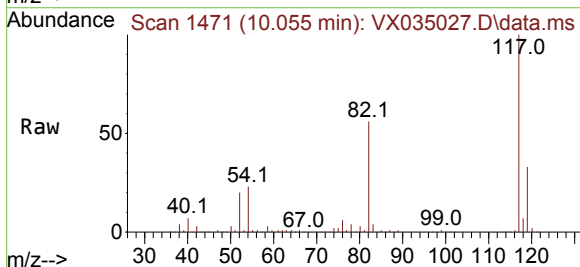
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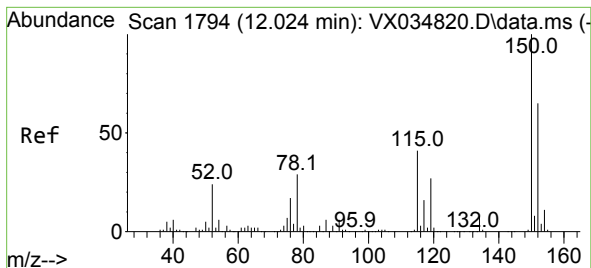
Tgt Ion: 95 Resp: 210302
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035027.D
Acq: 11 Apr 2023 22:08

Tgt Ion: 117 Resp: 423055
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035027.D

Acq: 11 Apr 2023 22:08

Instrument :

MSVOA_X

ClientSampleId :

MW-11-040623

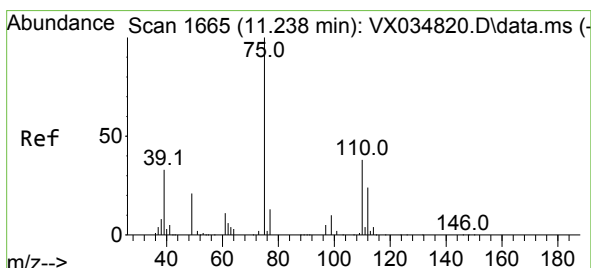
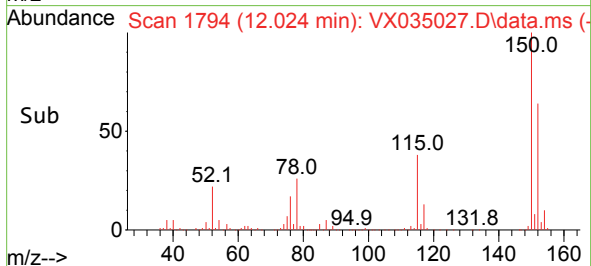
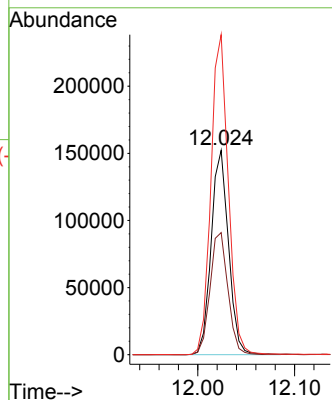
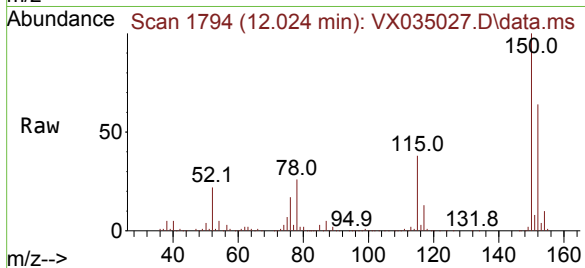
Tgt Ion:152 Resp: 190006

Ion Ratio Lower Upper

152 100

115 61.5 45.0 135.0

150 157.1 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 29.020 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035027.D

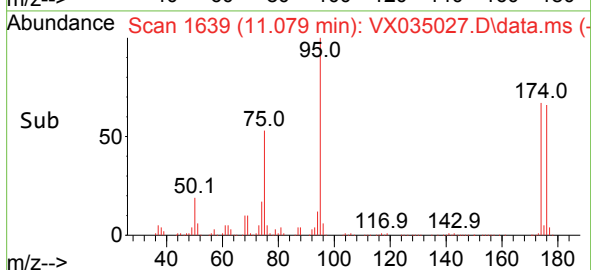
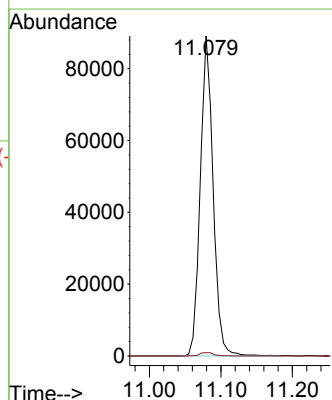
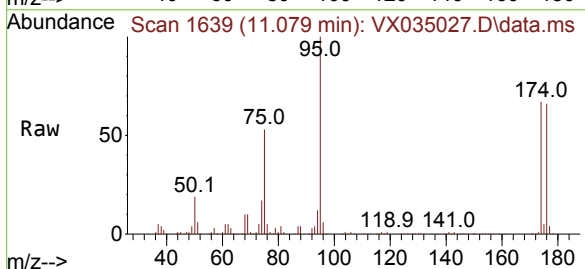
Acq: 11 Apr 2023 22:08

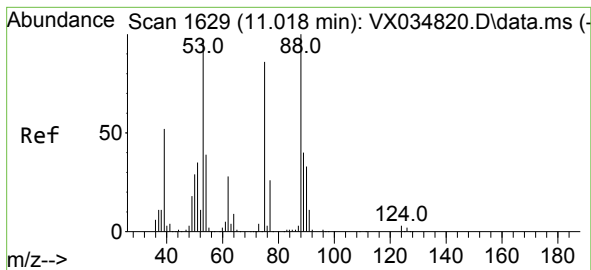
Tgt Ion: 75 Resp: 111104

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.972 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035027.D
 Acq: 11 Apr 2023 22:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11-040623

Tgt Ion: 75 Resp: 111104
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

