

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035022.D
 Acq On : 11 Apr 2023 20:12
 Operator : JC/MD
 Sample : 02272-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5-040623

Quant Time: Apr 12 05:55:21 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)

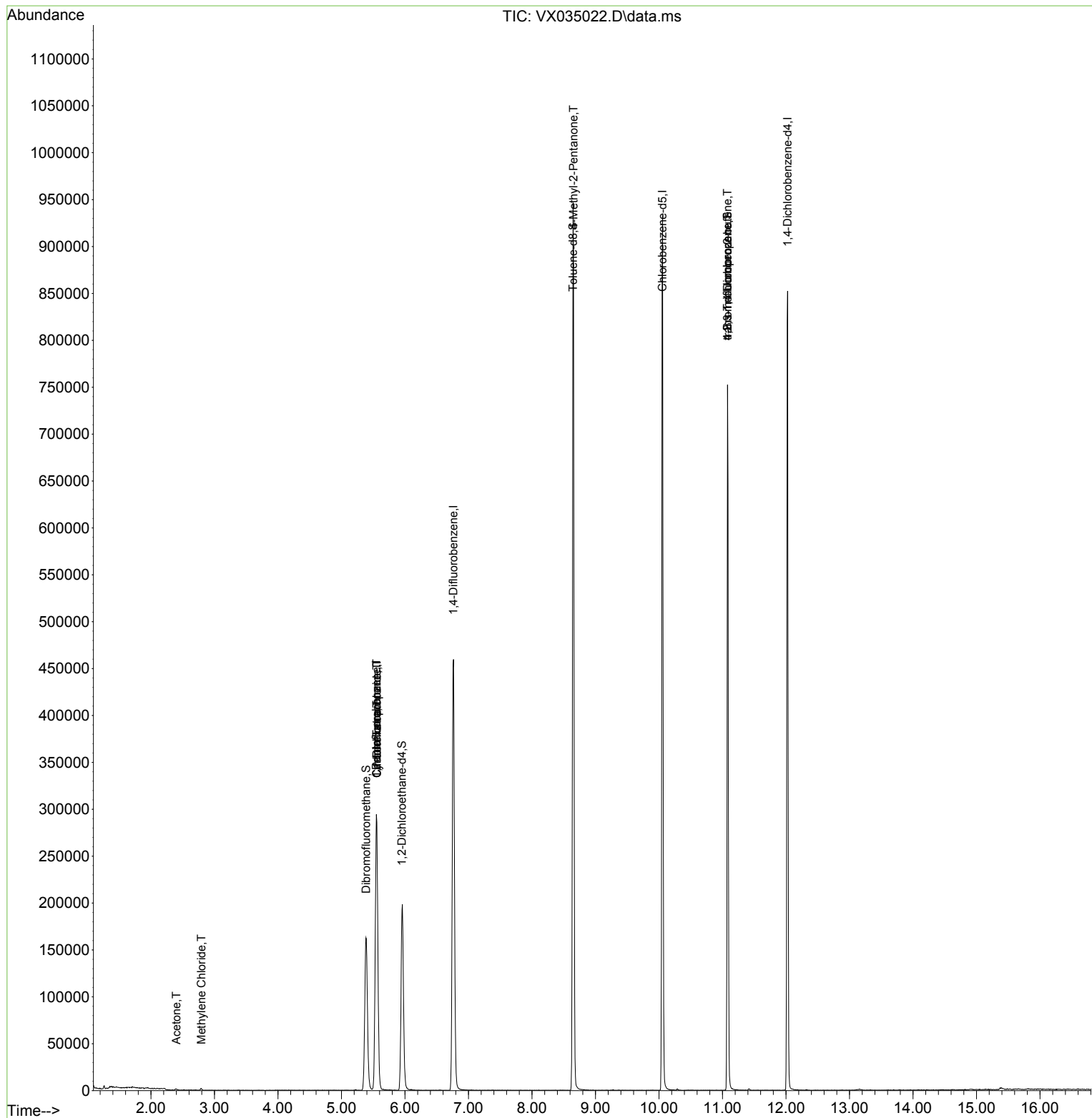
Internal Standards						
1) Pentafluorobenzene	5.550	168	268814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193245	47.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.385	113	143937	47.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.647	98	552380	49.374	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.740%		
62) 4-Bromofluorobenzene	11.079	95	202863	46.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.720%		
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1501	0.899	ug/l #	84
20) Methylene Chloride	2.794	84	687	0.208	ug/l	90
31) Cyclohexane	5.556	56	6462	1.291	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22530	5.017	ug/l #	45
38) Carbon Tetrachloride	5.556	117	28184	6.657	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2691	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	105291	29.698	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	105291	89.002	ug/l #	8

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

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Response via : Initial Calibration

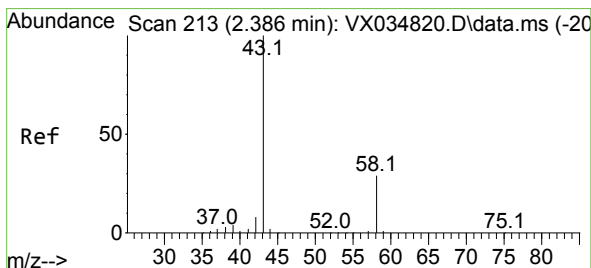
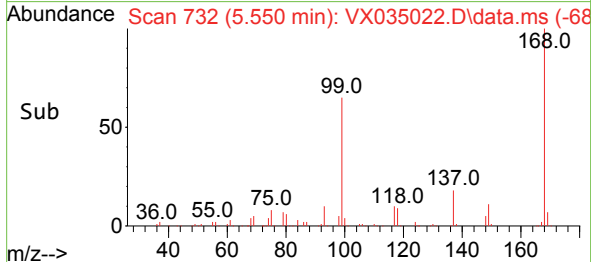
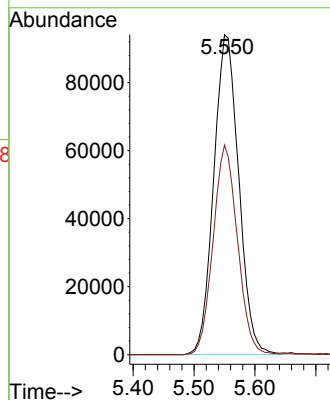
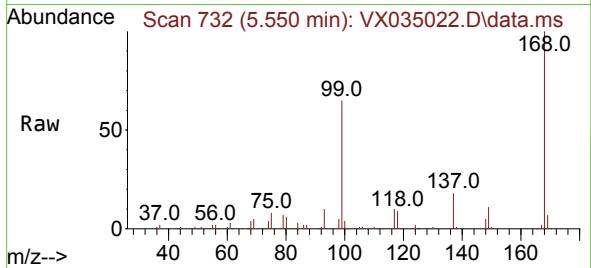




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

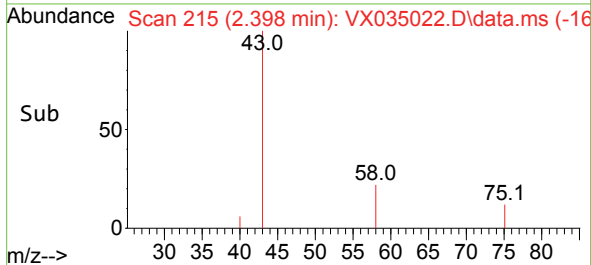
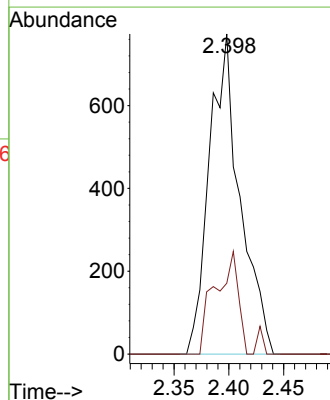
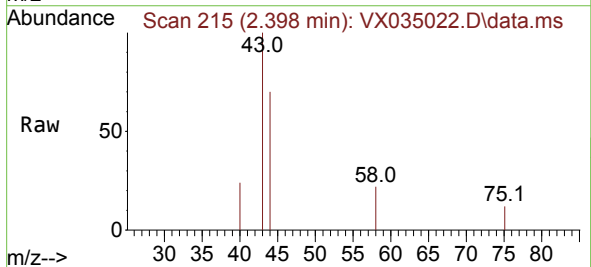
Instrument :
MSVOA_X
ClientSampleId :
MW-5-040623

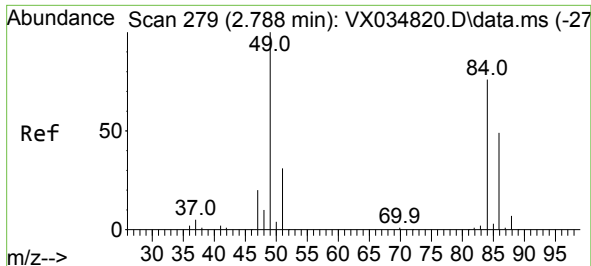
Tgt Ion:168 Resp: 268814
Ion Ratio Lower Upper
168 100
99 65.5 45.7 68.5



#16
Acetone
Concen: 0.899 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 22.1 24.7 37.1#



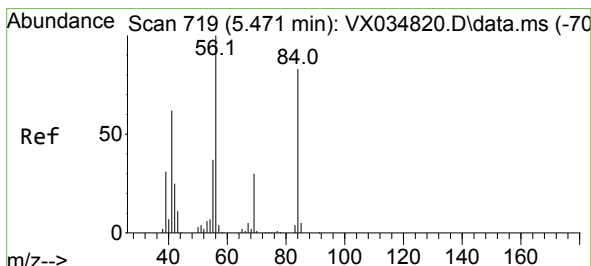
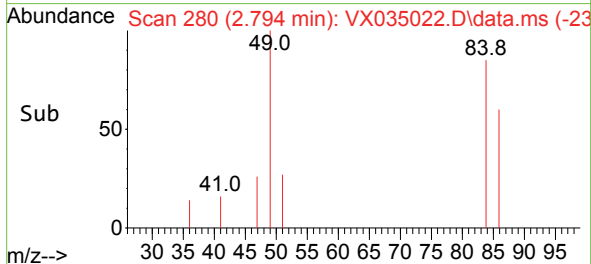
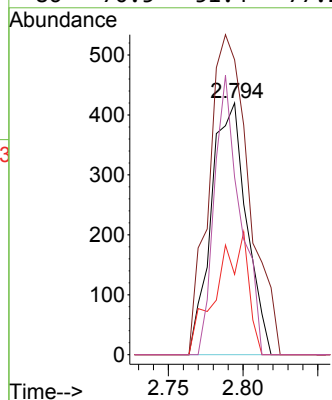
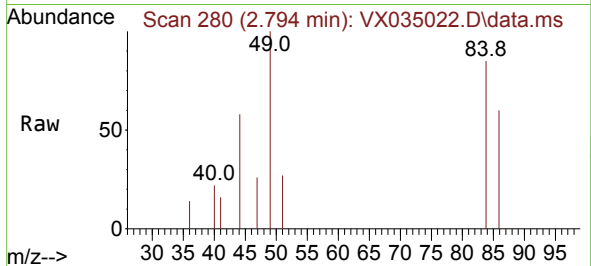


#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

Instrument :
MSVOA_X
ClientSampleId :
MW-5-040623

Tgt Ion: 84 Resp: 687

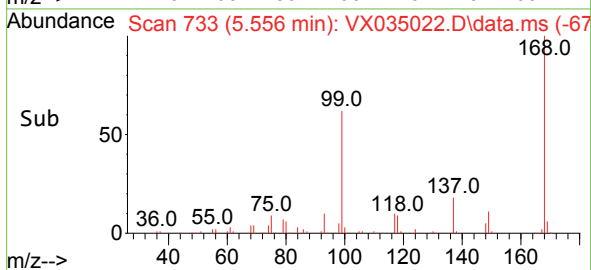
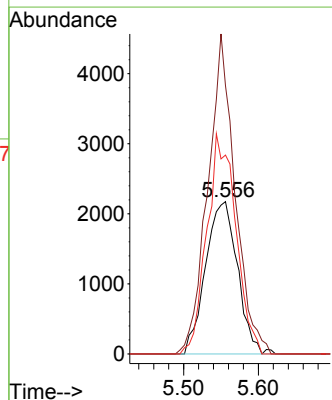
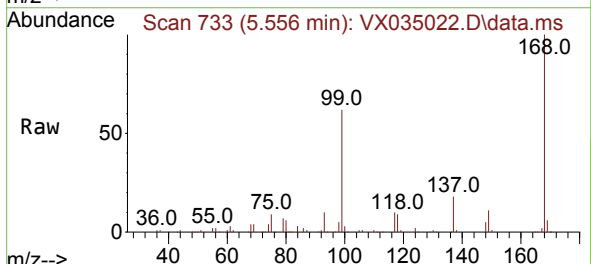
Ion	Ratio	Lower	Upper
84	100		
49	117.1	103.8	155.8
51	31.9	31.8	47.8
86	70.5	51.4	77.2

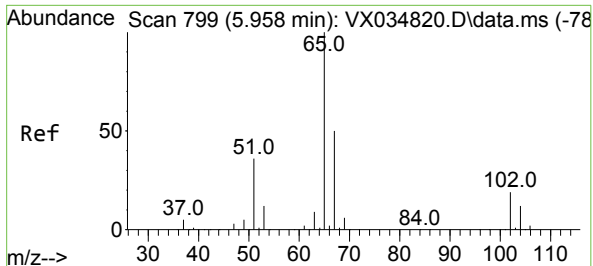


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

Tgt Ion: 56 Resp: 6462

Ion	Ratio	Lower	Upper
56	100		
69	176.3	23.7	35.5#
84	130.6	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.005 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035022.D

Acq: 11 Apr 2023 20:12

Instrument :

MSVOA_X

ClientSampleId :

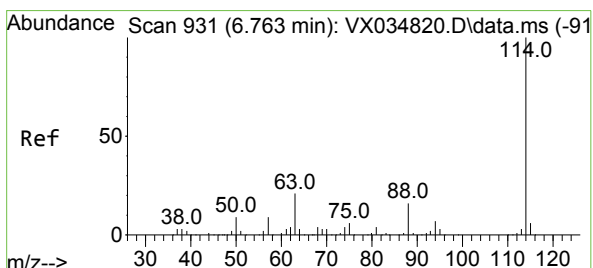
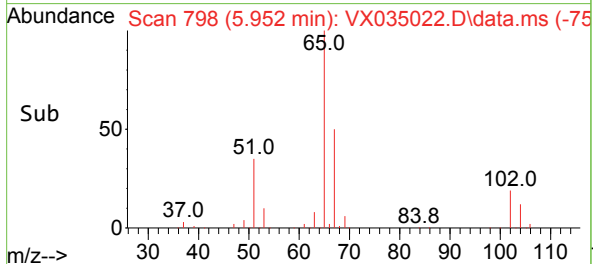
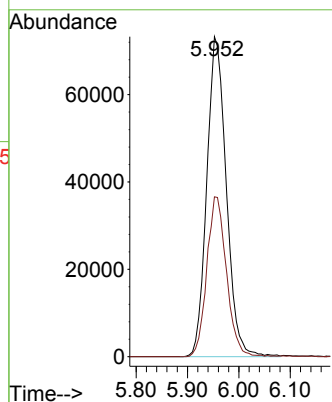
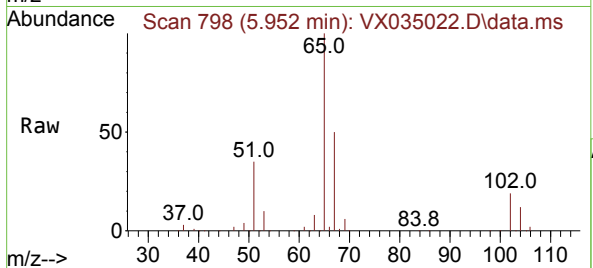
MW-5-040623

Tgt Ion: 65 Resp: 193245

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035022.D

Acq: 11 Apr 2023 20:12

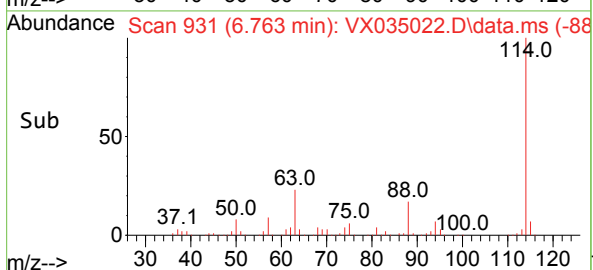
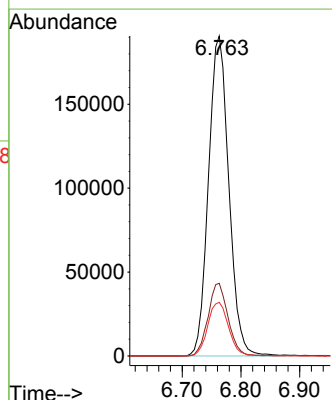
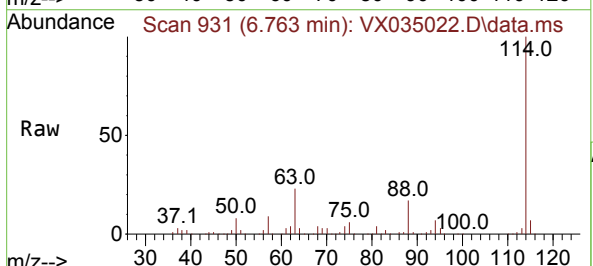
Tgt Ion: 114 Resp: 458256

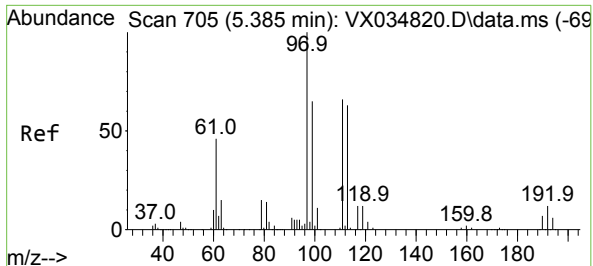
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.2

88 16.8 0.0 33.2

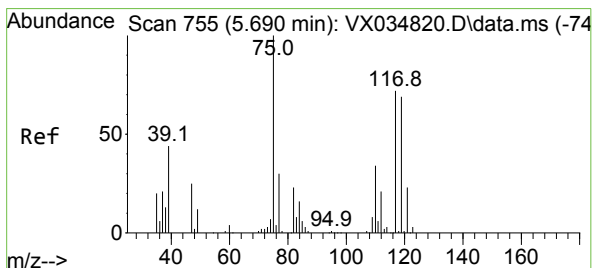
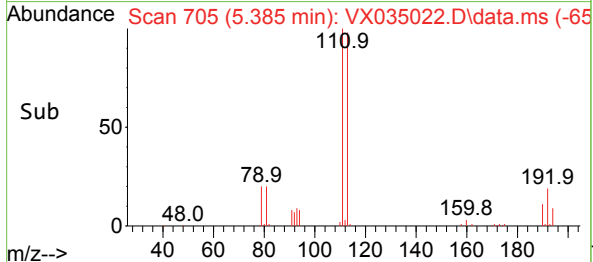
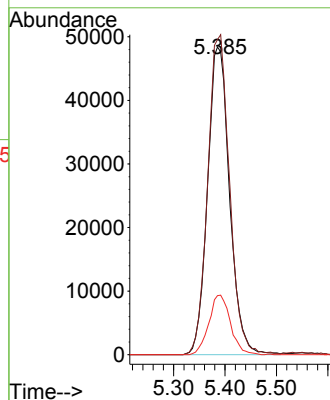
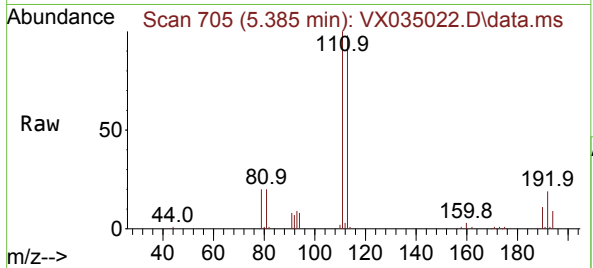




#35
Dibromofluoromethane
Concen: 47.488 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

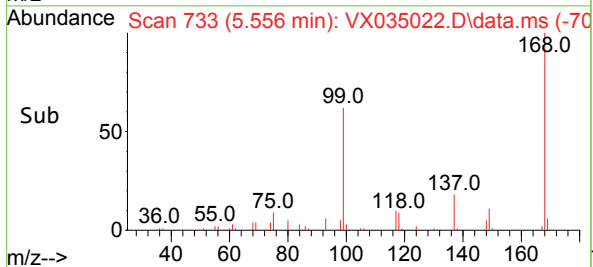
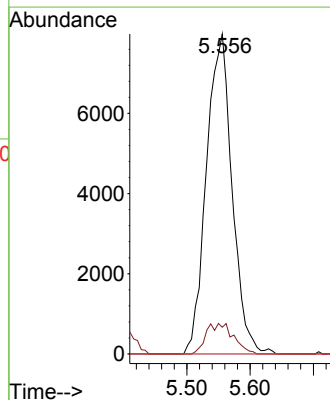
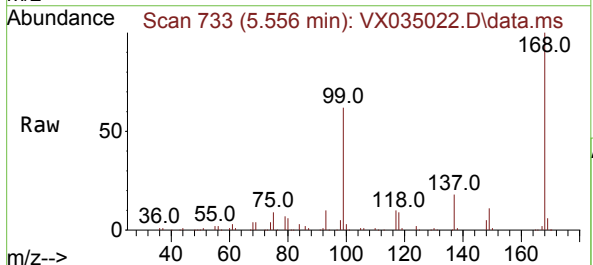
Instrument :
MSVOA_X
ClientSampleId :
MW-5-040623

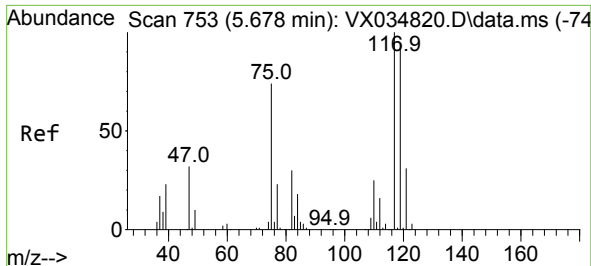
Tgt Ion:113 Resp: 143937
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

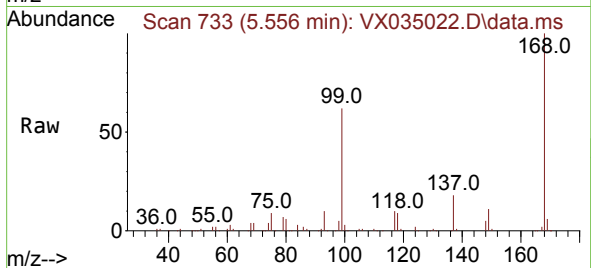
Tgt Ion: 75 Resp: 22530
Ion Ratio Lower Upper
75 100
110 3.9 17.5 52.5#
77 0.0 24.3 36.5#



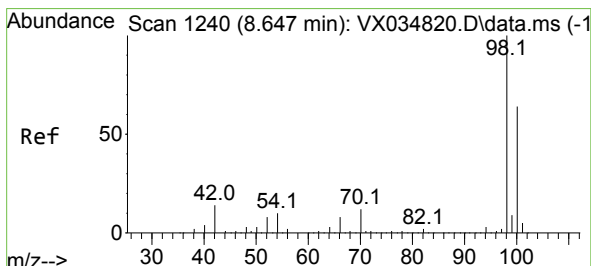
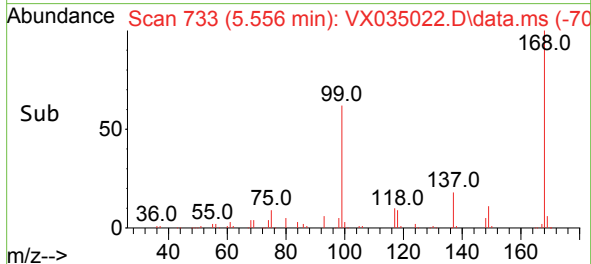
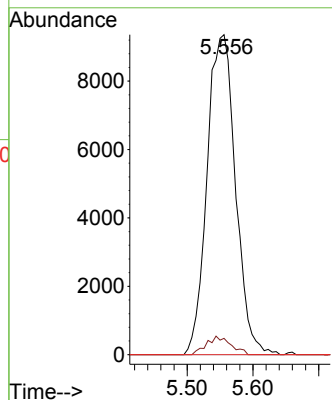


#38
Carbon Tetrachloride
Concen: 6.657 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

Instrument :
MSVOA_X
ClientSampleId :
MW-5-040623

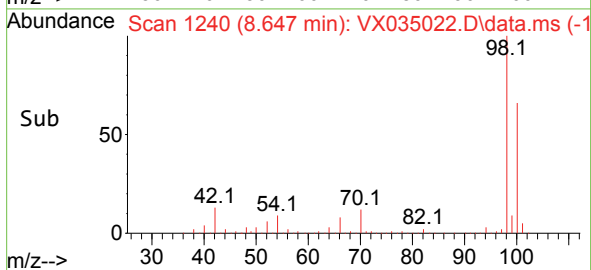
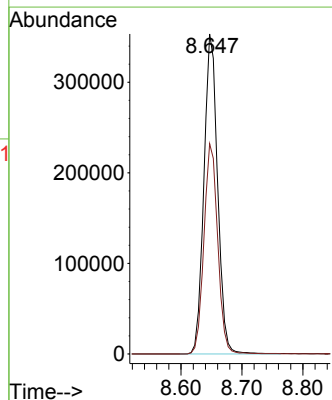
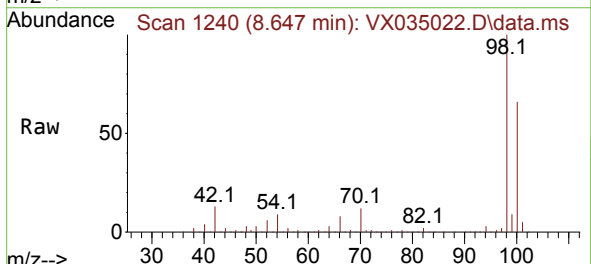


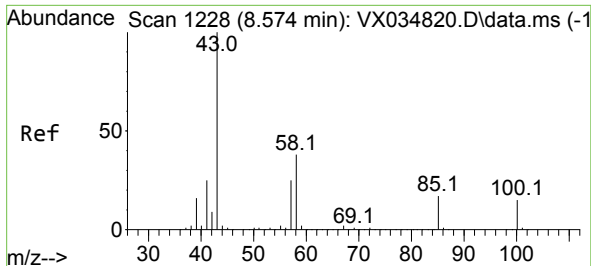
Tgt Ion:117 Resp: 28184
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.374 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

Tgt Ion: 98 Resp: 552380
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX035022.D

Acq: 11 Apr 2023 20:12

Instrument :

MSVOA_X

ClientSampleId :

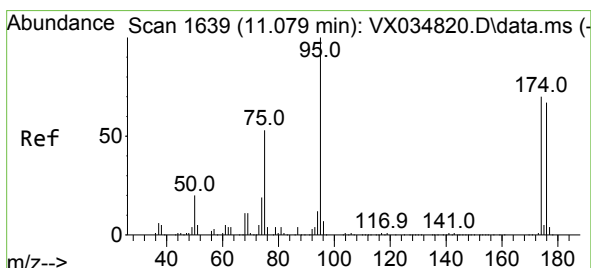
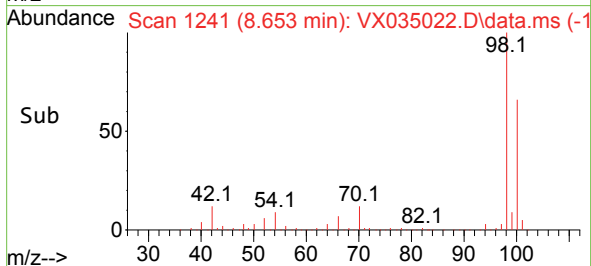
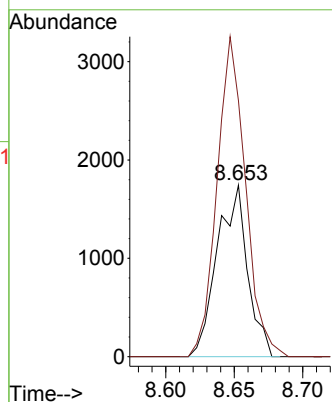
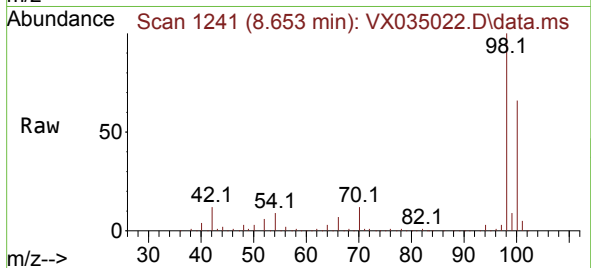
MW-5-040623

Tgt Ion: 43 Resp: 2691

Ion Ratio Lower Upper

43 100

58 174.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.858 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035022.D

Acq: 11 Apr 2023 20:12

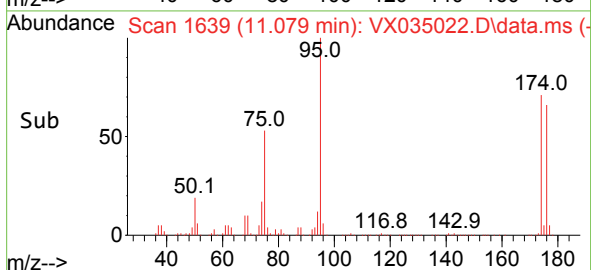
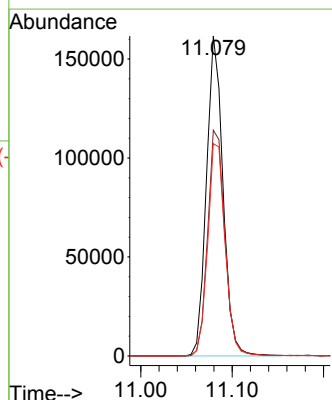
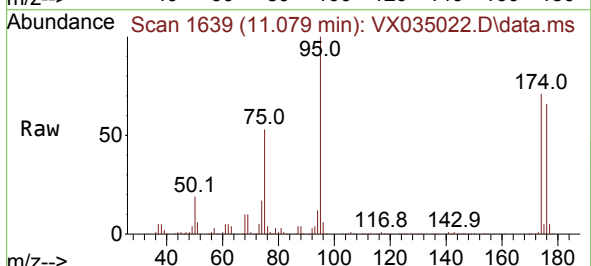
Tgt Ion: 95 Resp: 202863

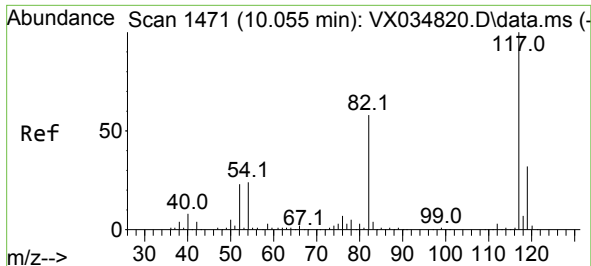
Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.4

176 70.0 0.0 140.6

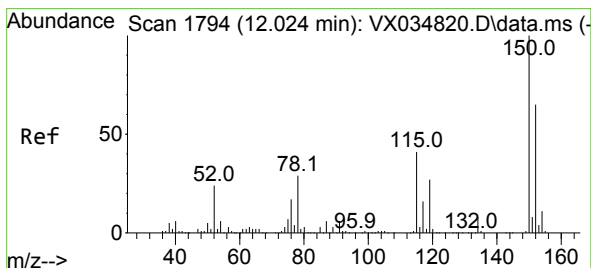
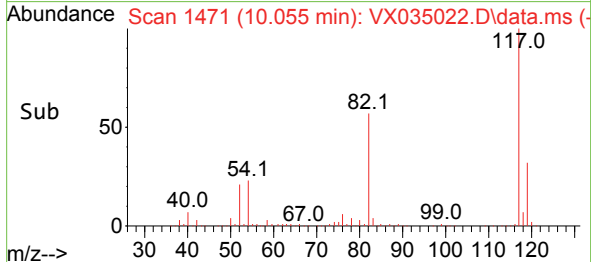
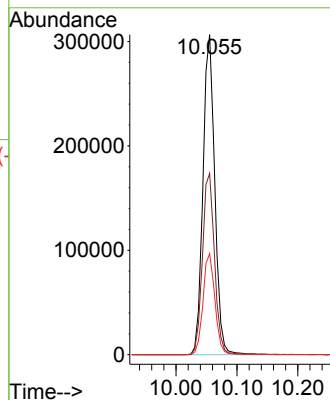
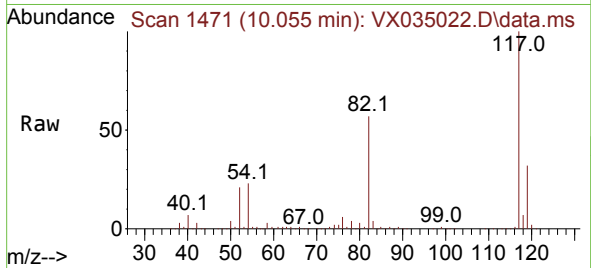




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

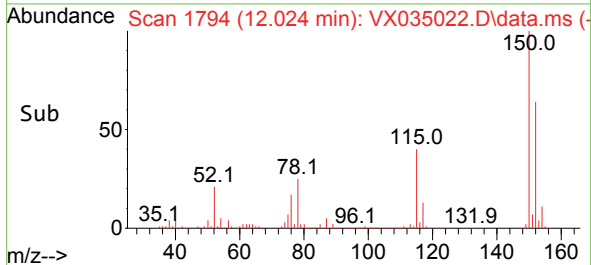
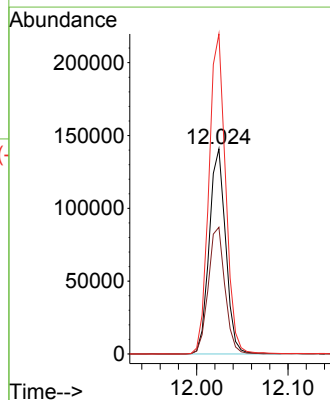
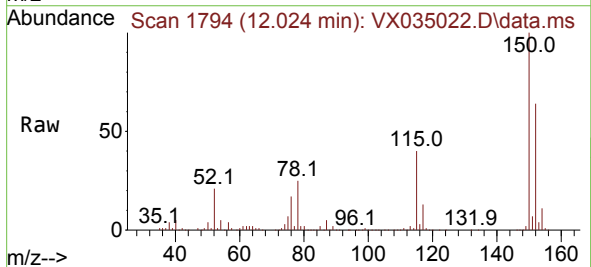
Instrument :
MSVOA_X
ClientSampleId :
MW-5-040623

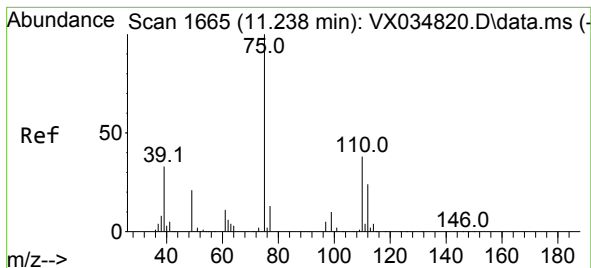
Tgt Ion:117 Resp: 413909
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035022.D
Acq: 11 Apr 2023 20:12

Tgt Ion:152 Resp: 175957
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 158.2 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.698 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035022.D

Acq: 11 Apr 2023 20:12

Instrument :

MSVOA_X

ClientSampleId :

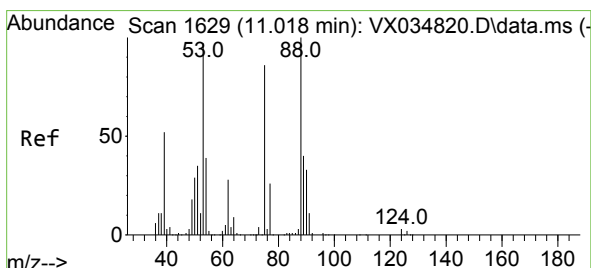
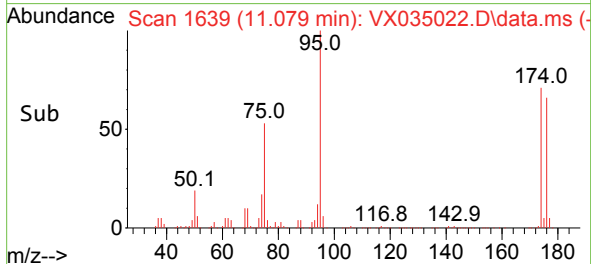
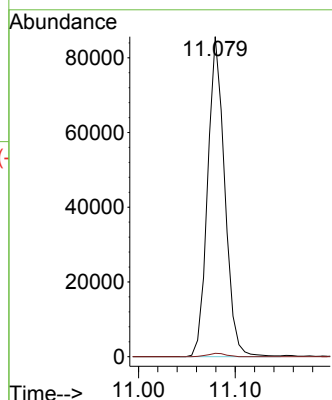
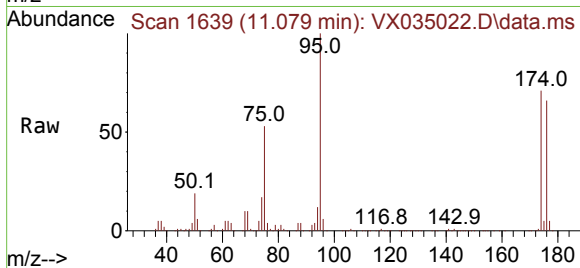
MW-5-040623

Tgt Ion: 75 Resp: 105291

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.002 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035022.D

Acq: 11 Apr 2023 20:12

Tgt Ion: 75 Resp: 105291

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

