

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036868.D
 Acq On : 08 Aug 2023 16:51
 Operator : JC/MD
 Sample : 03903-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08W

Quant Time: Aug 09 04:16:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

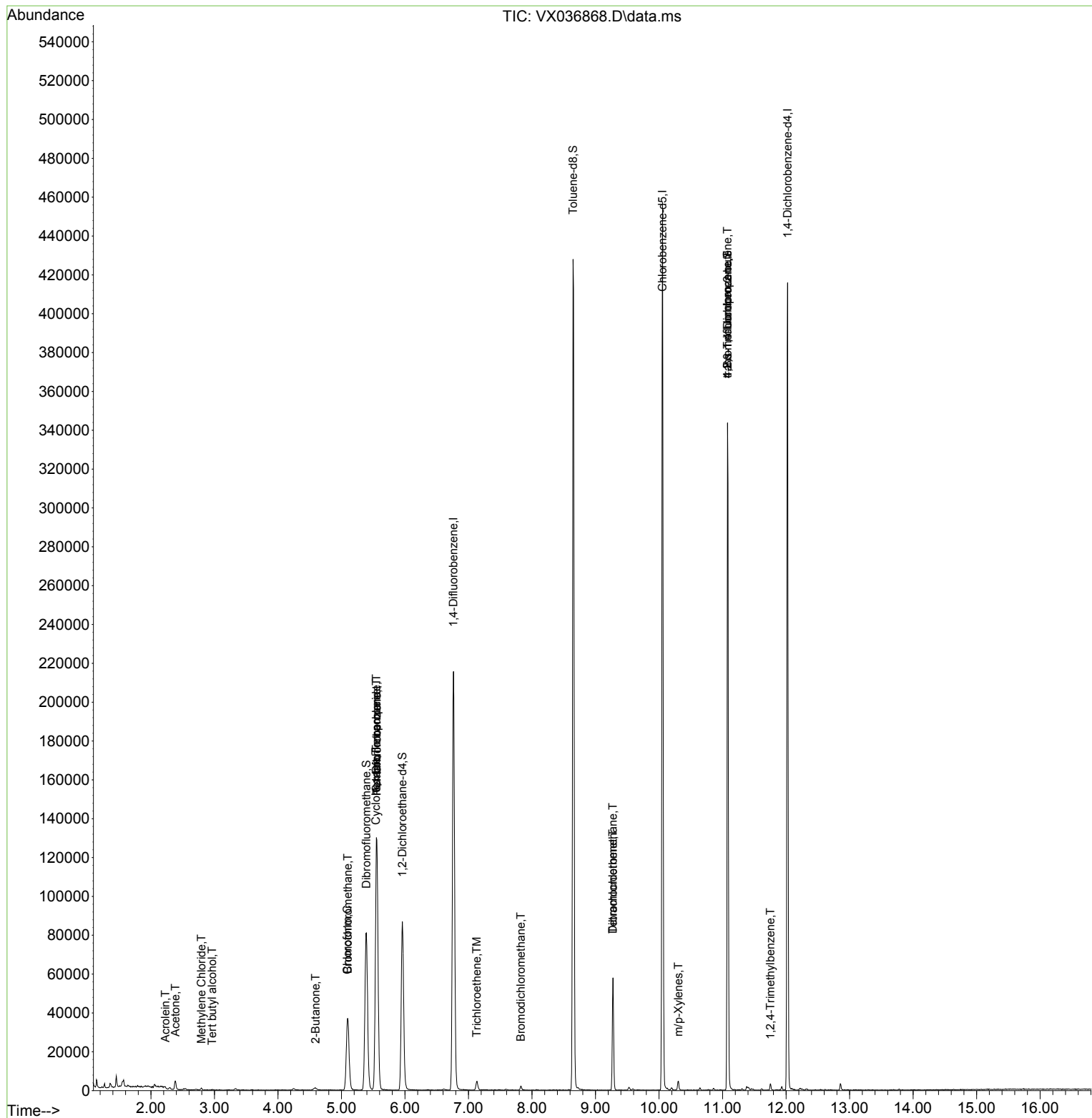
Internal Standards						
1) Pentafluorobenzene	5.556	168	122013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85303	47.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.500%		
35) Dibromofluoromethane	5.391	113	71936	46.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	8.646	98	262857	48.334	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.660%		
62) 4-Bromofluorobenzene	11.079	95	94524	46.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	304	0.711	ug/l #	78
13) Acrolein	2.227	56	154	0.631	ug/l #	68
16) Acetone	2.385	43	5004	6.680	ug/l	92
20) Methylene Chloride	2.794	84	387	0.232	ug/l #	75
25) 2-Butanone	4.592	43	1294	1.065	ug/l #	87
28) Bromochloromethane	5.098	49	3746	2.704	ug/l #	16
30) Chloroform	5.092	83	45723	15.605	ug/l	98
31) Cyclohexane	5.543	56	2831	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	9851	4.310	ug/l #	52
38) Carbon Tetrachloride	5.549	117	13244	5.450	ug/l #	15
44) Trichloroethene	7.128	130	1694	0.975	ug/l	76
47) Bromodichloromethane	7.823	83	1469	0.576	ug/l	87
60) Dibromochloromethane	9.274	129	10347	5.374	ug/l #	11
64) Tetrachloroethene	9.274	164	10549	7.150	ug/l	91
68) m/p-Xylenes	10.305	106	1186	0.399	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	49285	24.809	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49285	56.231	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1856	0.317	ug/l	95

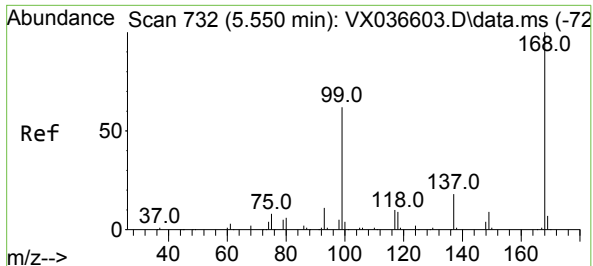
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
Data File : VX036868.D
Acq On : 08 Aug 2023 16:51
Operator : JC/MD
Sample : 03903-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08W

Quant Time: Aug 09 04:16:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

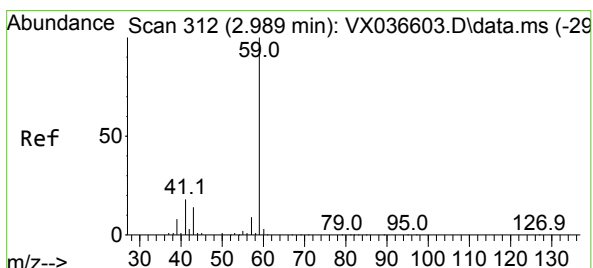
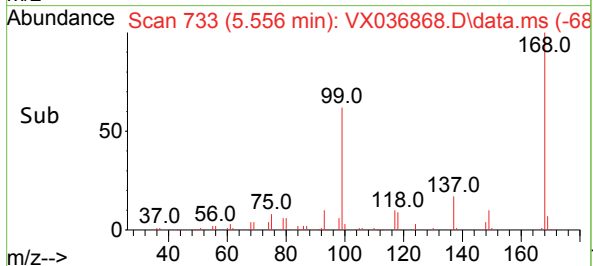
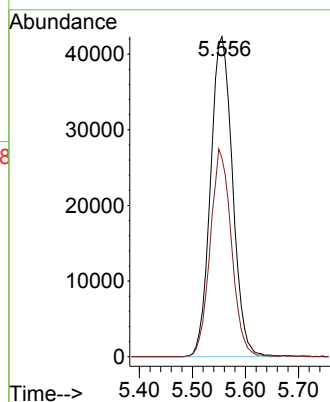
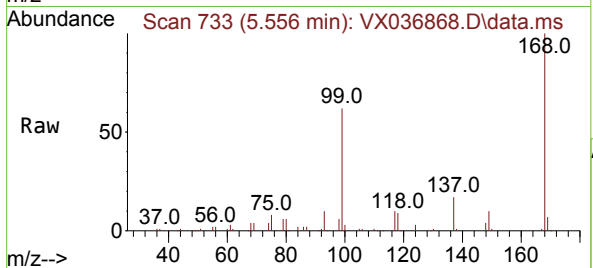




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

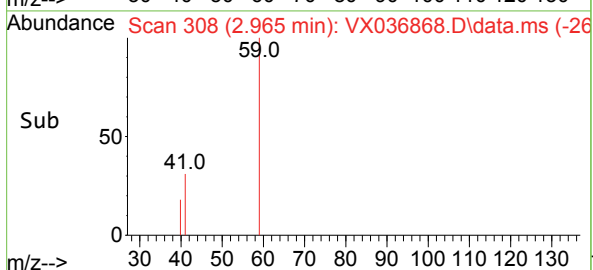
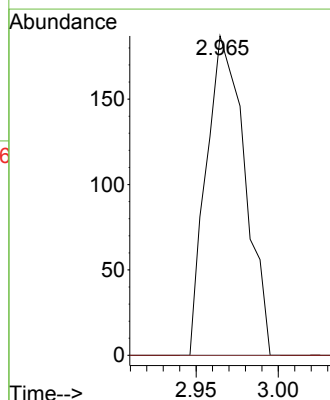
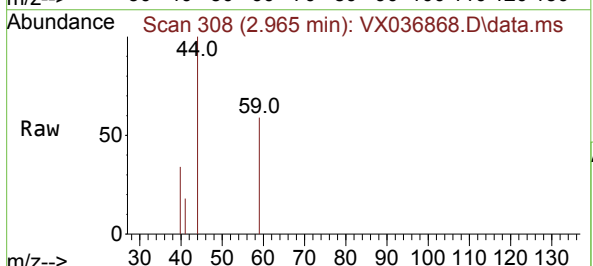
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

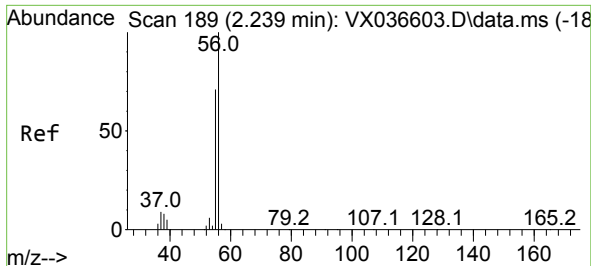
Tgt Ion:168 Resp: 122013
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.711 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

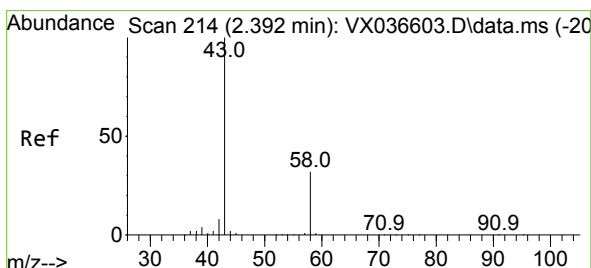
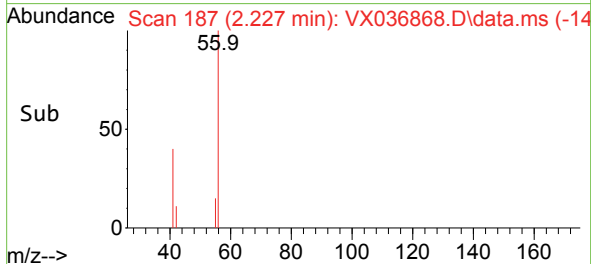
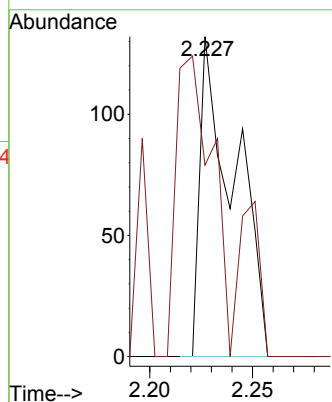
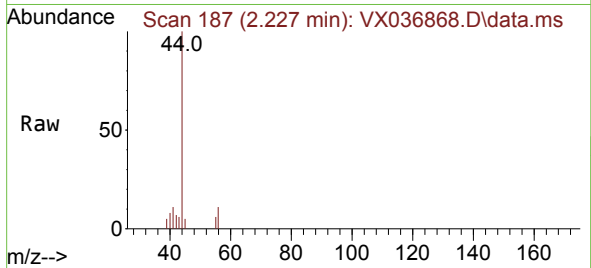




#13
Acrolein
Concen: 0.631 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

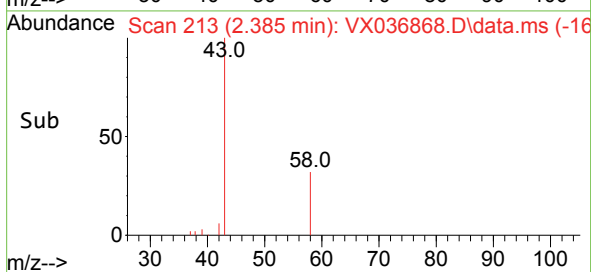
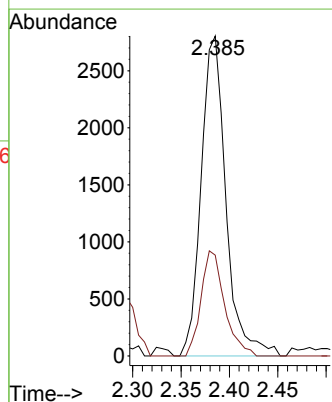
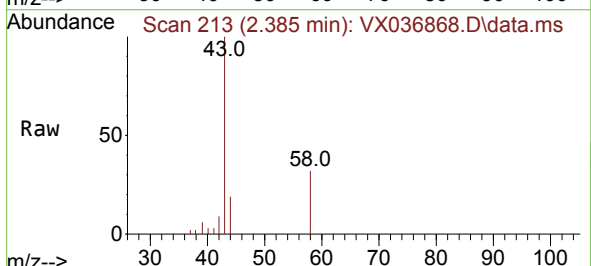
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

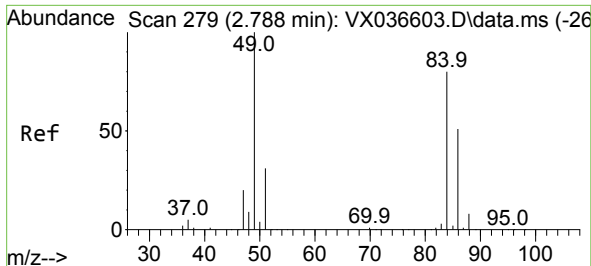
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 98.1 57.1 85.7#



#16
Acetone
Concen: 6.680 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 43 Resp: 5004
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.232 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036868.D

Acq: 08 Aug 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

MW-08W

Tgt Ion: 84 Resp: 387

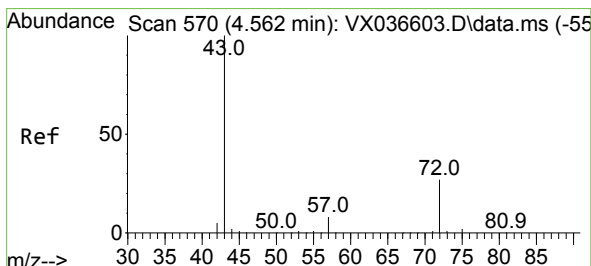
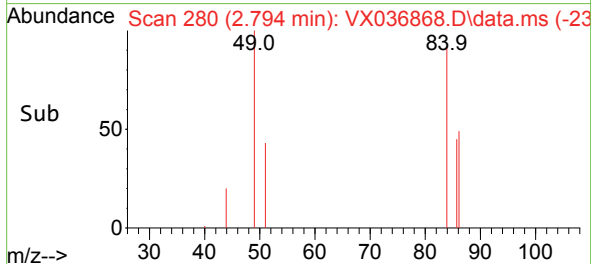
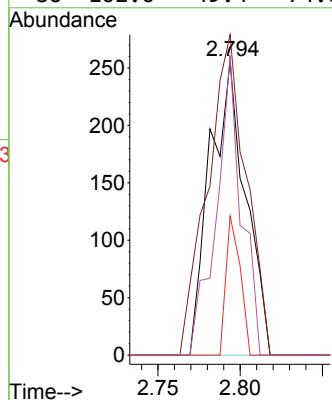
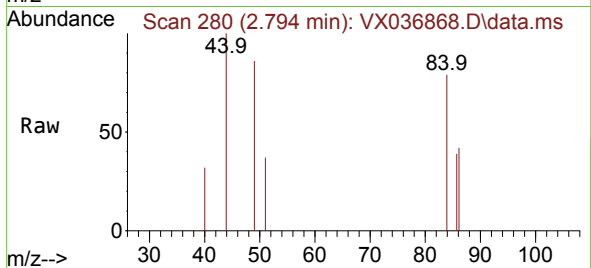
Ion Ratio Lower Upper

84 100

49 109.0 103.6 155.4

51 47.3 33.8 50.6

86 102.0 49.4 74.0#



#25

2-Butanone

Concen: 1.065 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.030 min

Lab File: VX036868.D

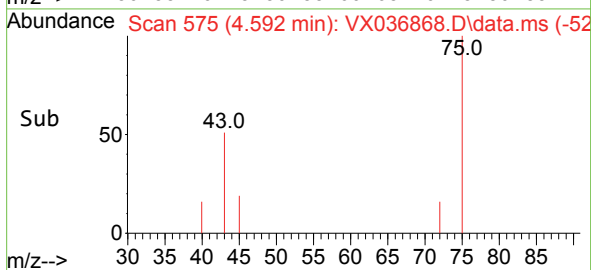
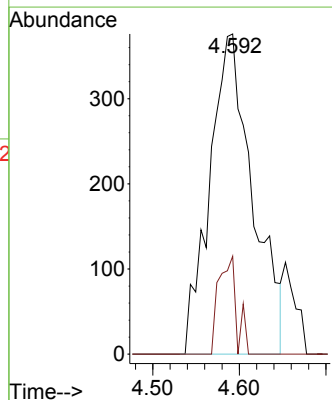
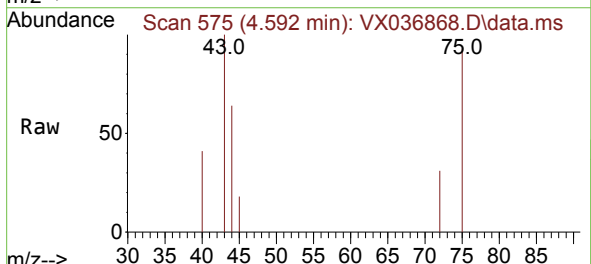
Acq: 08 Aug 2023 16:51

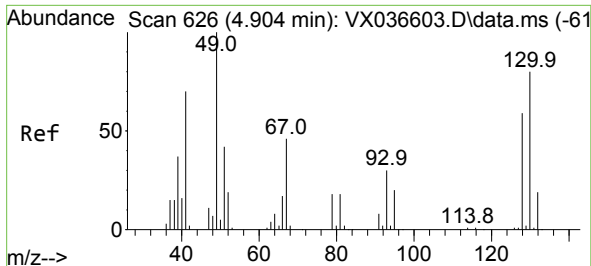
Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

72 30.6 19.4 29.2#

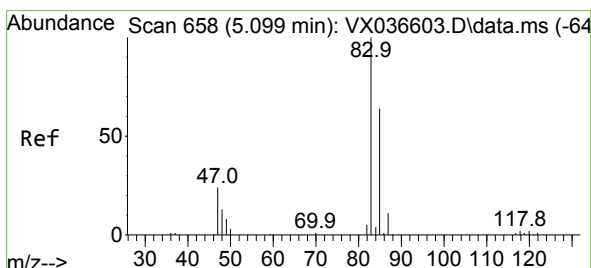
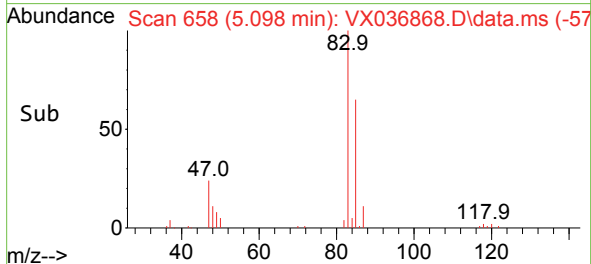
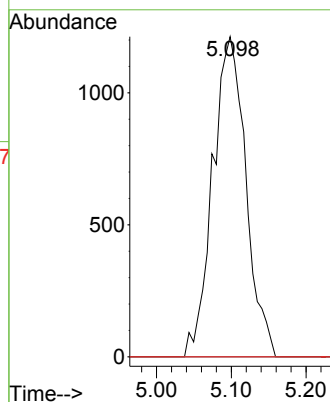
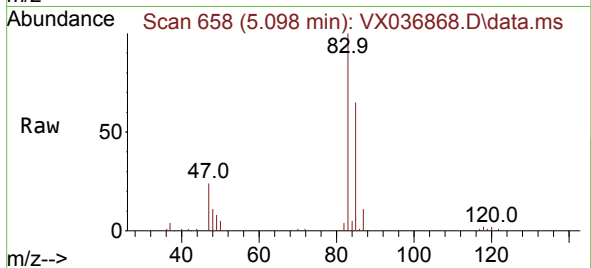




#28
Bromochloromethane
Concen: 2.704 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

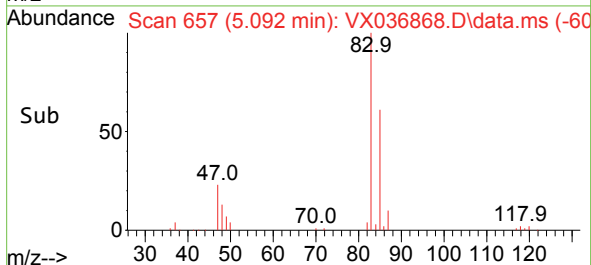
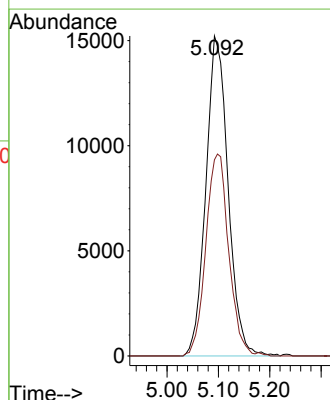
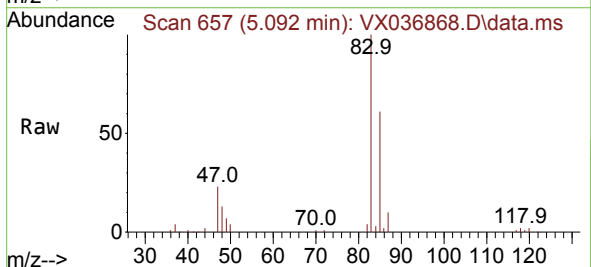
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

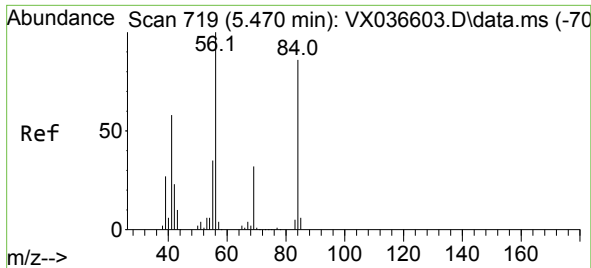
Tgt Ion: 49 Resp: 3746
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 15.605 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 83 Resp: 45723
Ion Ratio Lower Upper
83 100
85 61.3 50.3 75.5

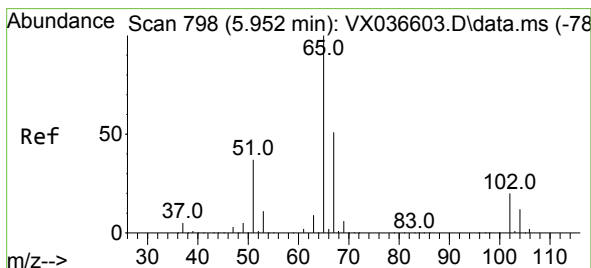
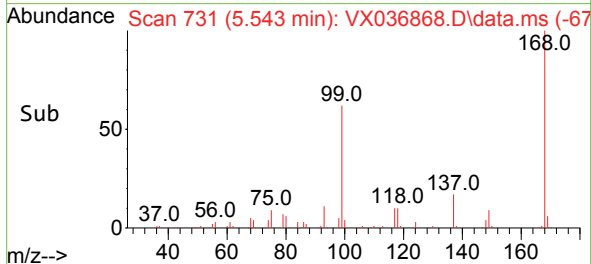
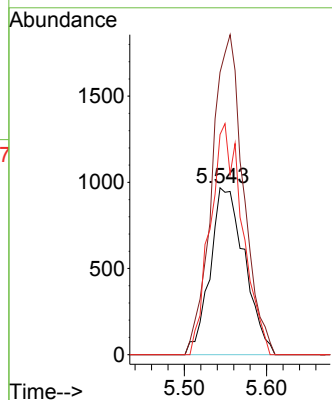
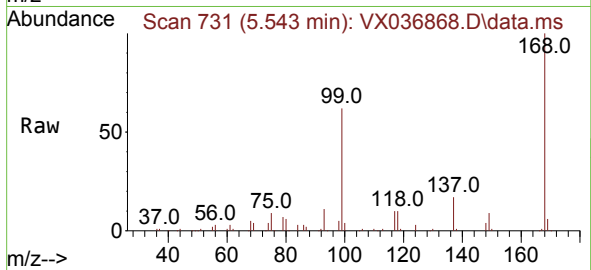




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

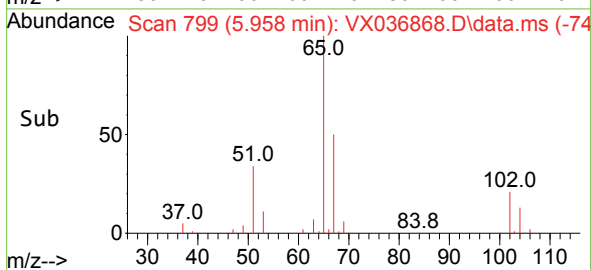
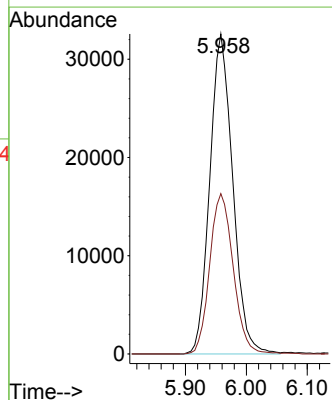
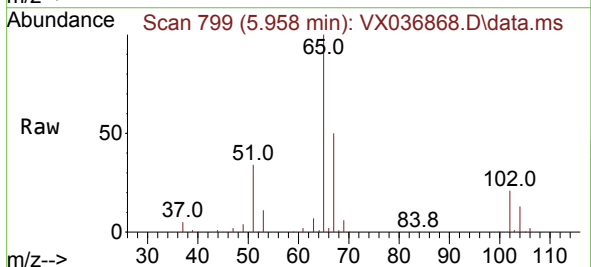
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

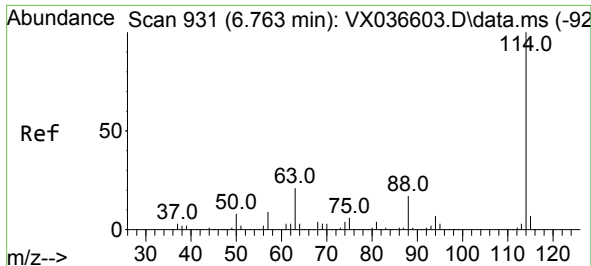
Tgt Ion: 56 Resp: 2831
Ion Ratio Lower Upper
56 100
69 169.3 23.4 35.2#
84 132.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 65 Resp: 85303
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

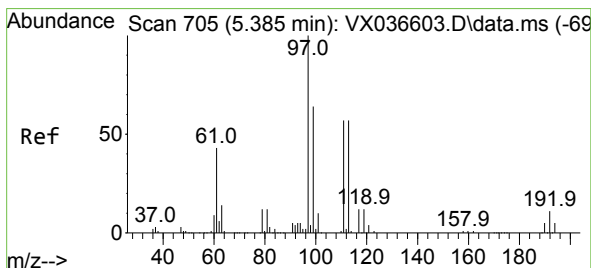
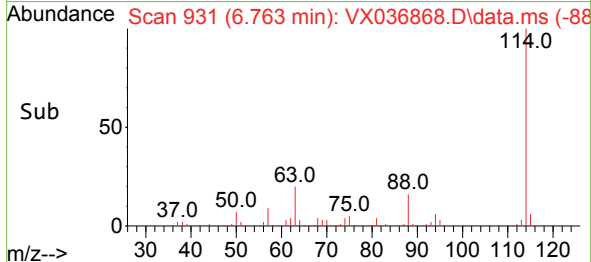
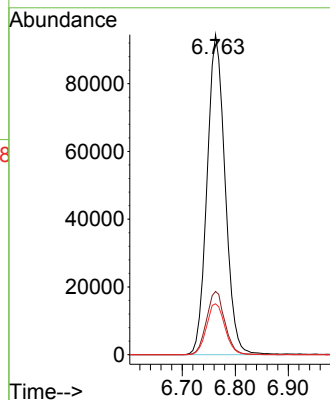
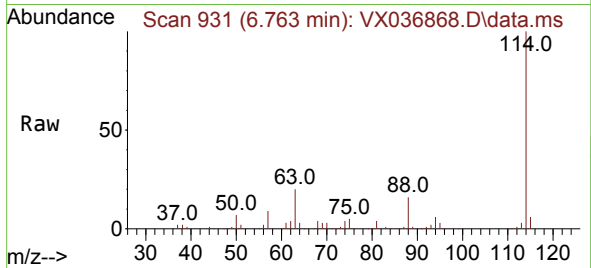




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

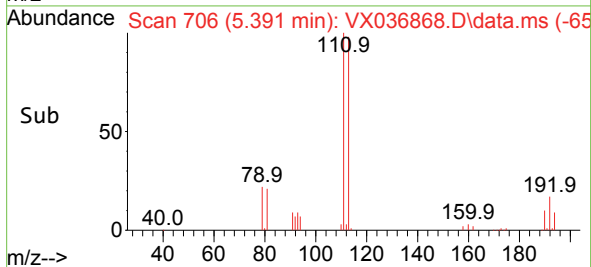
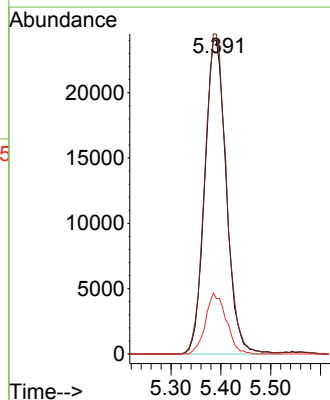
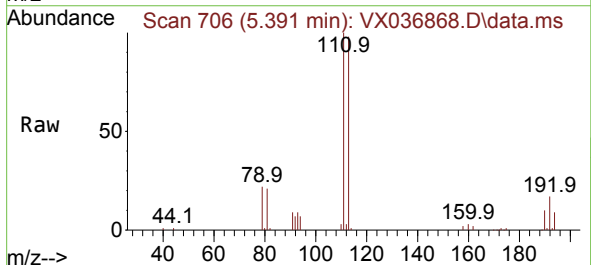
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

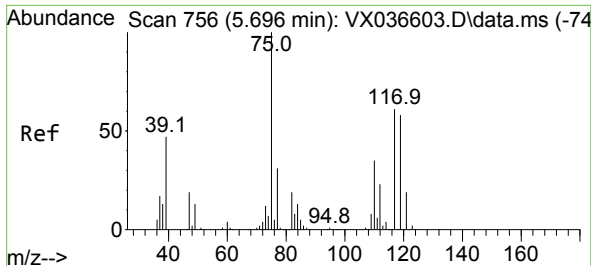
Tgt Ion:114 Resp: 223114
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.908 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion:113 Resp: 71936
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.7 13.3 19.9

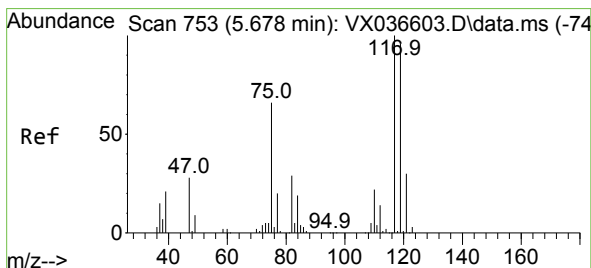
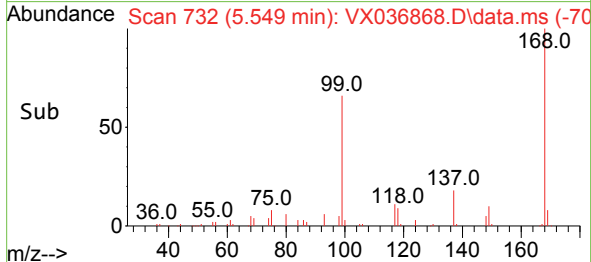
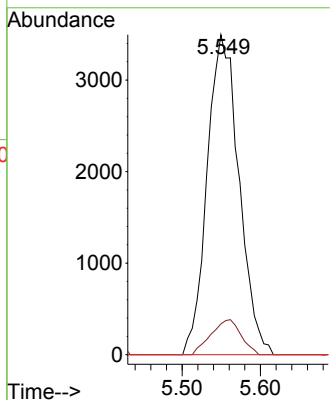
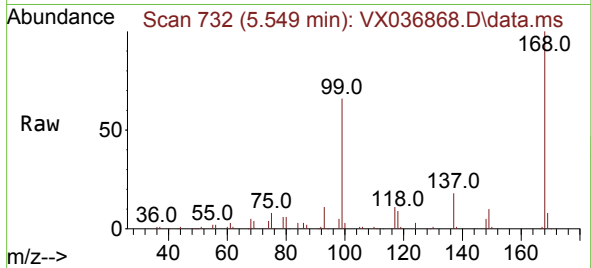




#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

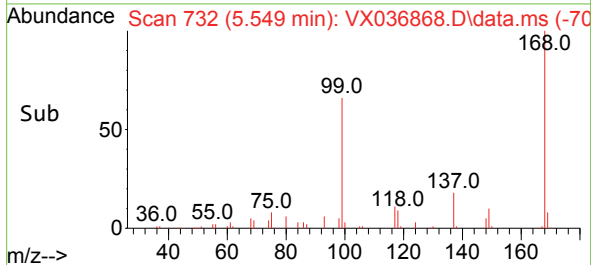
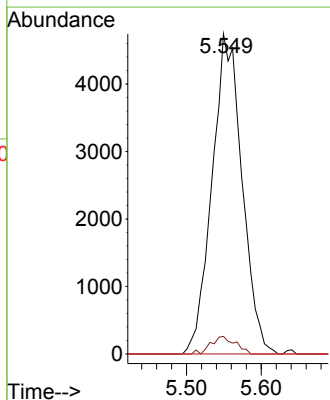
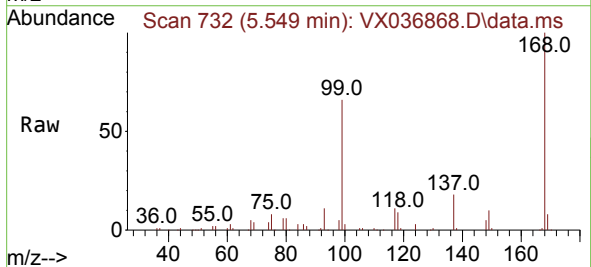
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

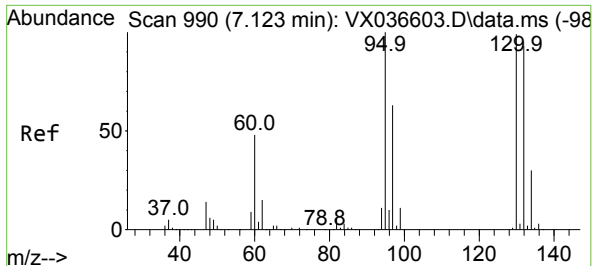
Tgt Ion: 75 Resp: 9851
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 117 Resp: 13244
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

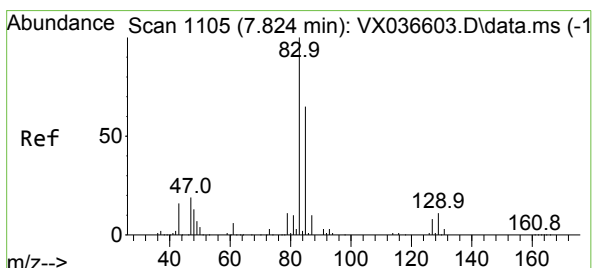
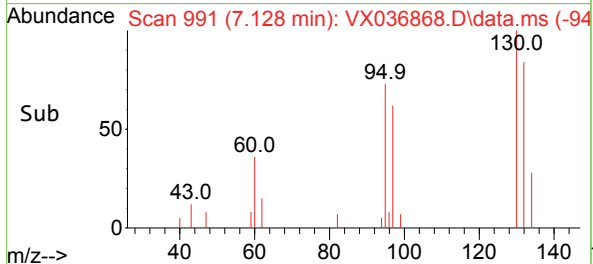
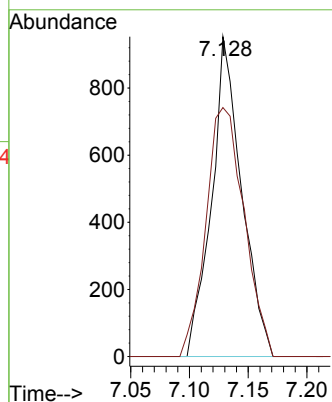
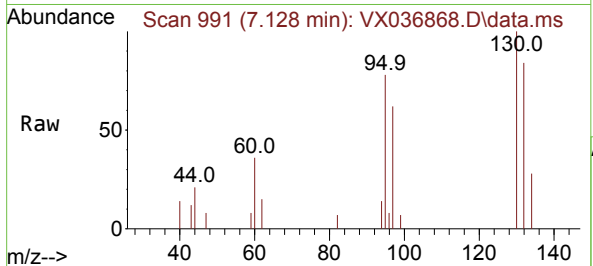




#44
Trichloroethene
Concen: 0.975 ug/l
RT: 7.128 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

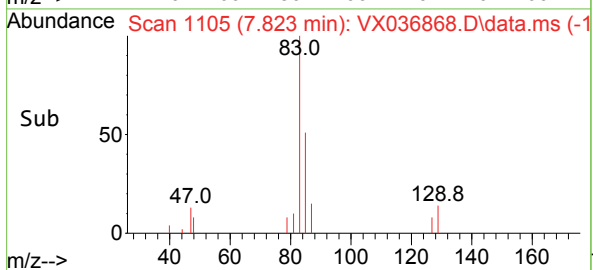
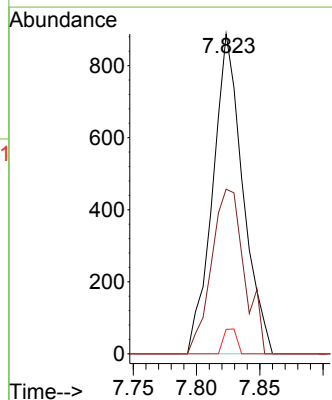
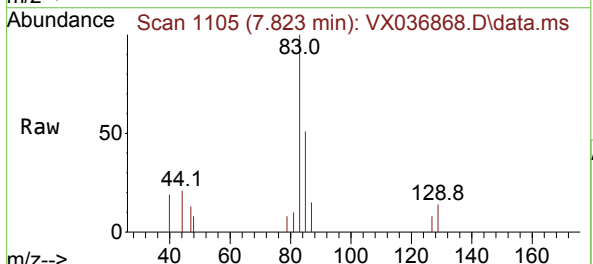
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

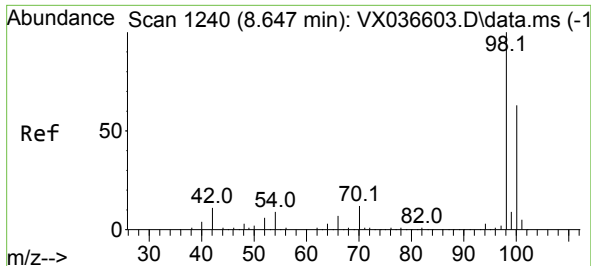
Tgt Ion:130 Resp: 1694
Ion Ratio Lower Upper
130 100
95 77.9 0.0 204.4



#47
Bromodichloromethane
Concen: 0.576 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 83 Resp: 1469
Ion Ratio Lower Upper
83 100
85 51.5 49.8 74.6
127 7.7 7.1 10.7

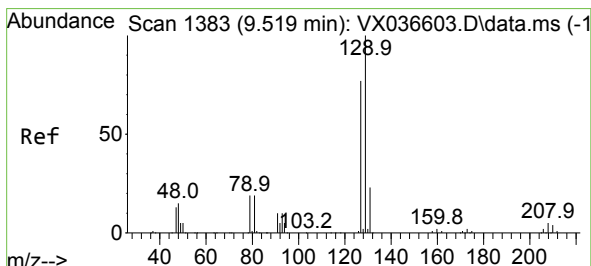
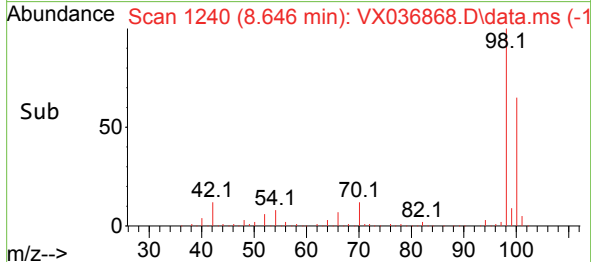
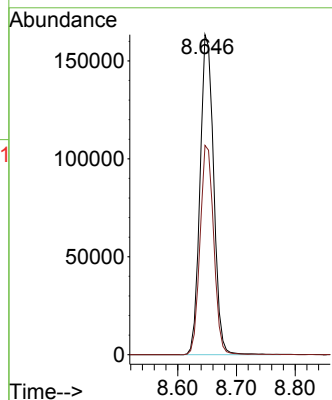
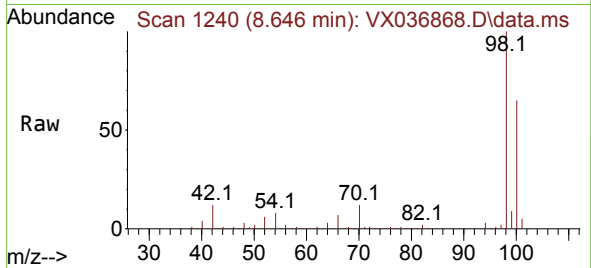




#50
Toluene-d8
Concen: 48.334 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

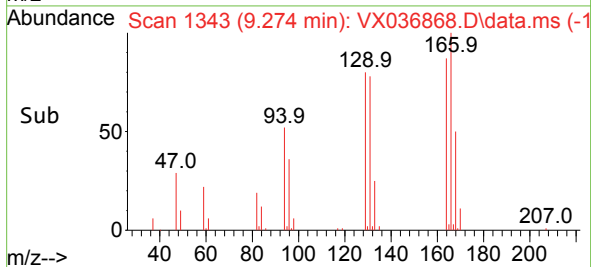
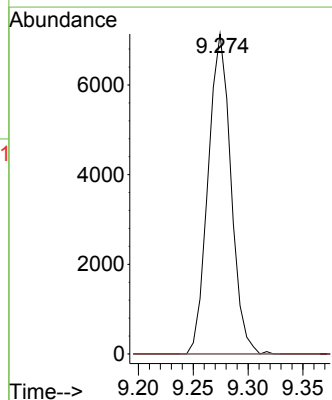
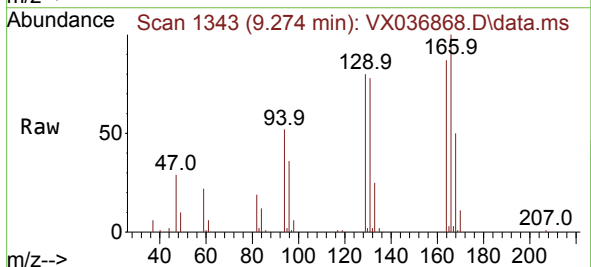
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

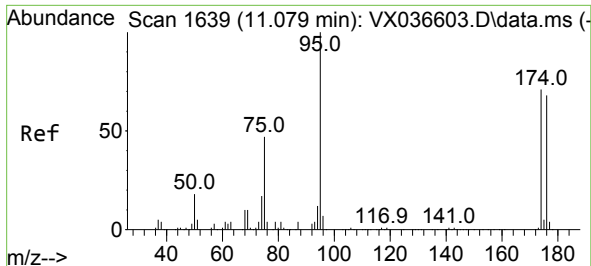
Tgt Ion: 98 Resp: 262857
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#60
Dibromochloromethane
Concen: 5.374 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 129 Resp: 10347
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

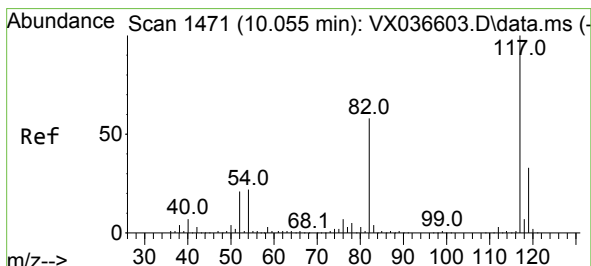
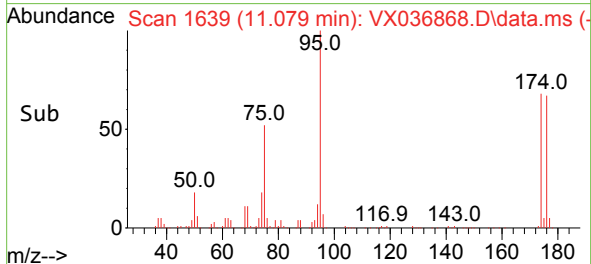
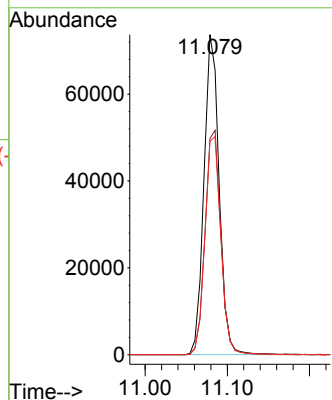
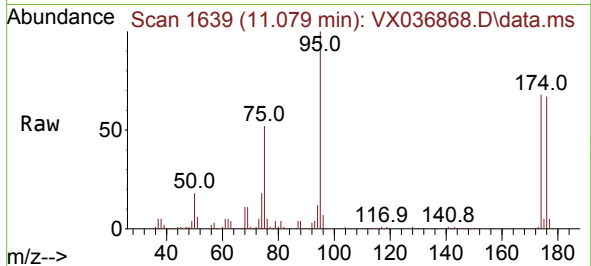




#62
4-Bromofluorobenzene
Concen: 46.069 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

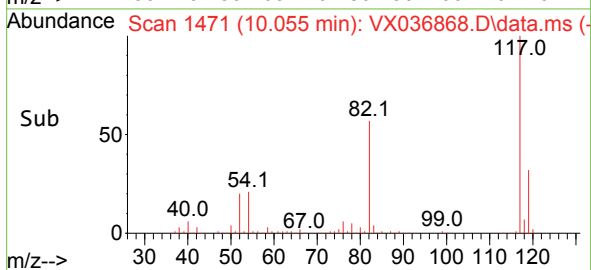
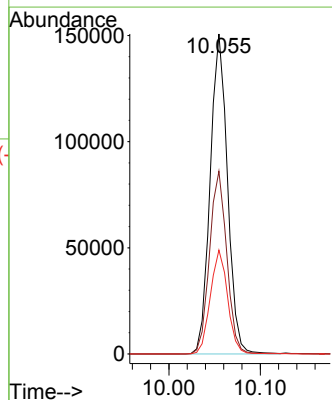
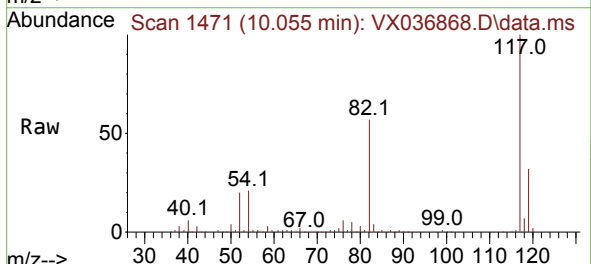
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

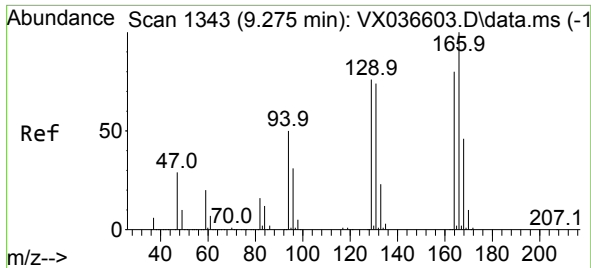
Tgt Ion: 95 Resp: 94524
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 117 Resp: 197795
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.4 25.5 38.3

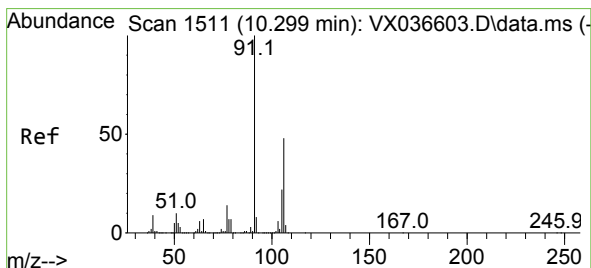
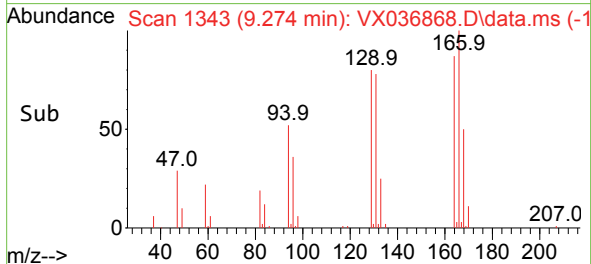
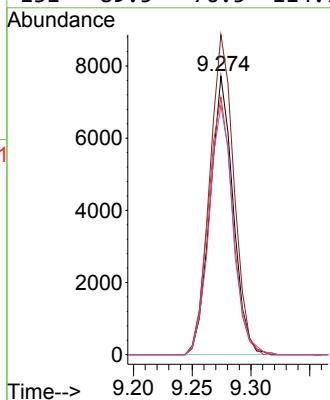
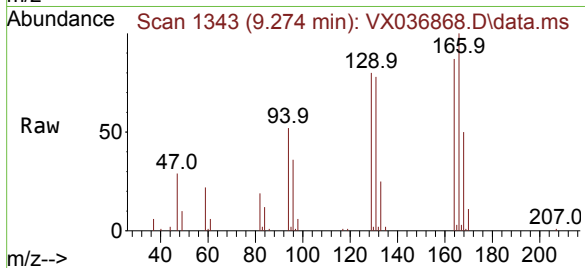




#64
Tetrachloroethene
Concen: 7.150 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

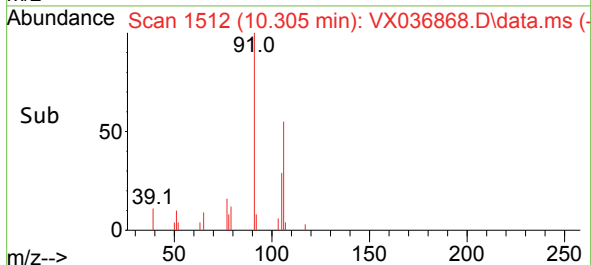
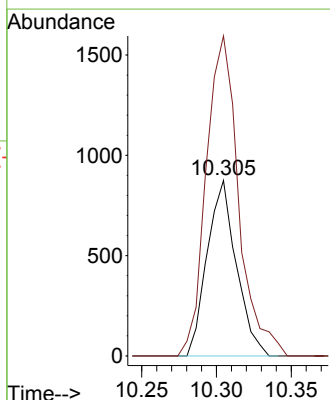
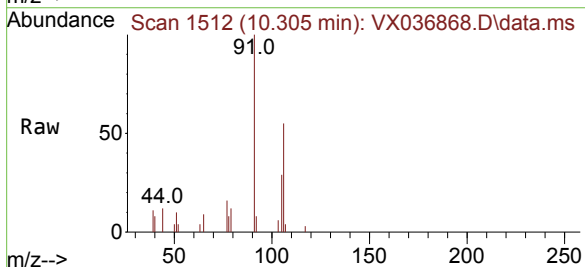
Instrument :
MSVOA_X
ClientSampleId :
MW-08W

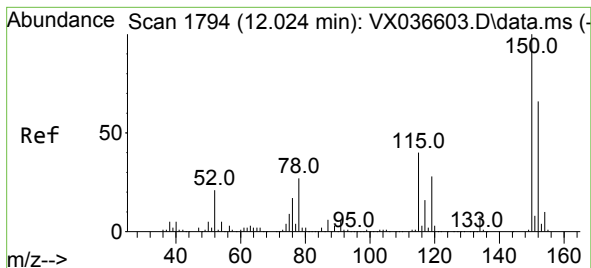
Tgt Ion:164 Resp: 10549
Ion Ratio Lower Upper
164 100
166 115.0 102.7 154.1
129 92.5 80.4 120.6
131 89.5 76.5 114.7



#68
m/p-Xylenes
Concen: 0.399 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion:106 Resp: 1186
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036868.D

Acq: 08 Aug 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

MW-08W

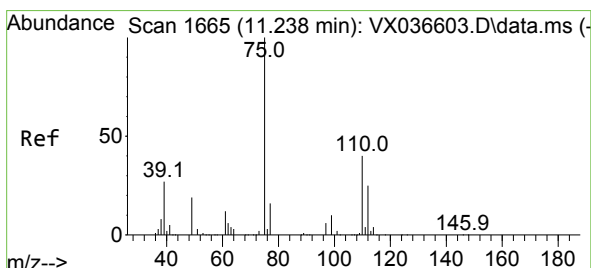
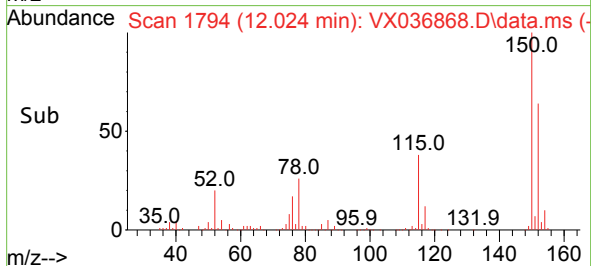
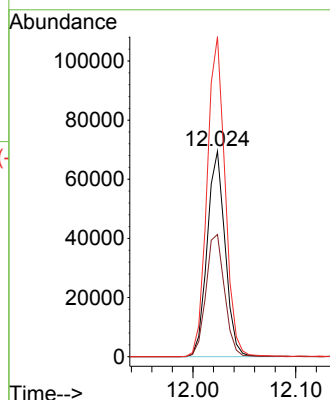
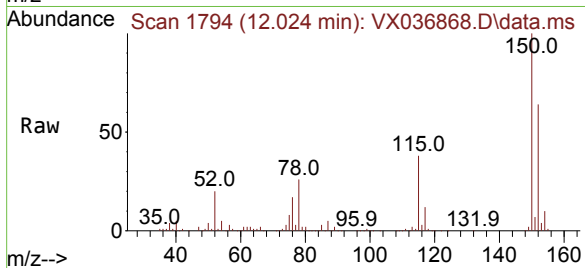
Tgt Ion:152 Resp: 84460

Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.809 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036868.D

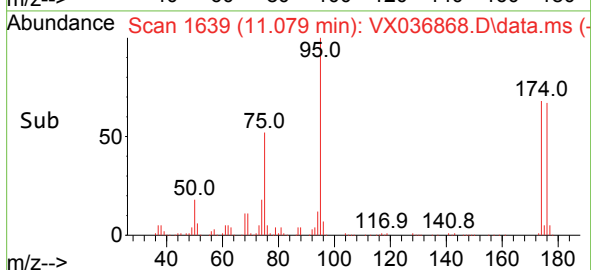
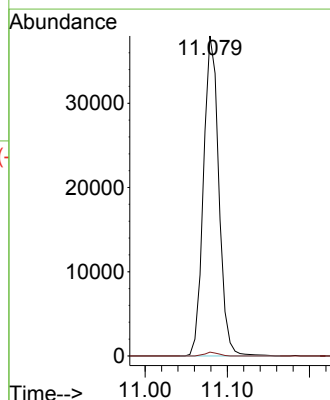
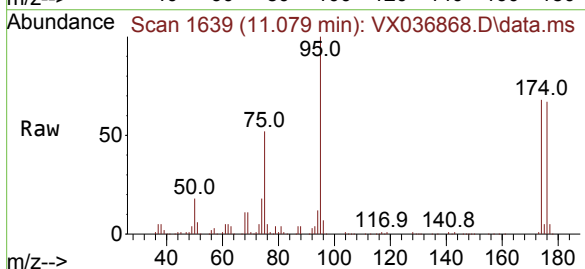
Acq: 08 Aug 2023 16:51

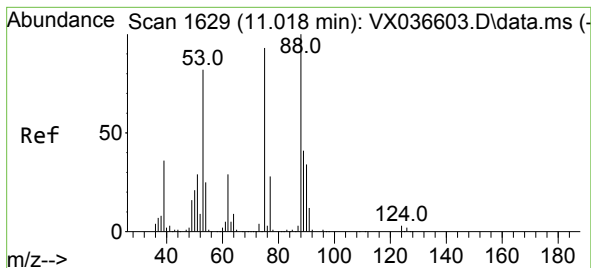
Tgt Ion: 75 Resp: 49285

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

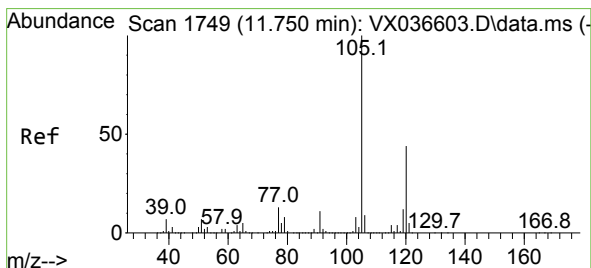
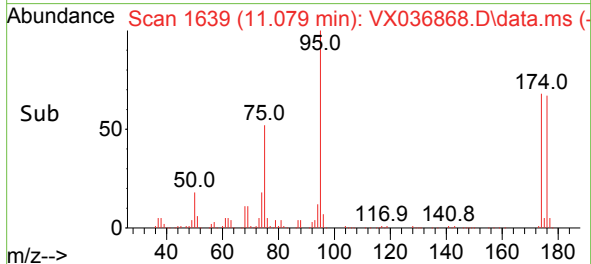
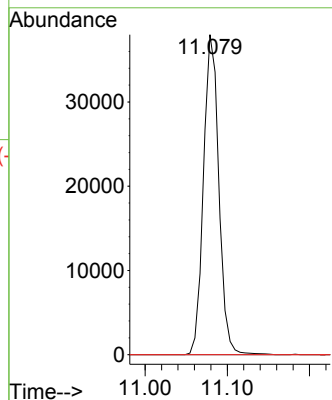
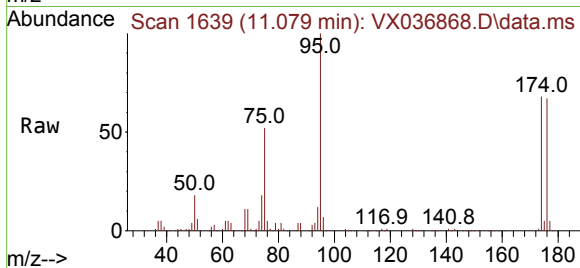




#81
trans-1,4-Dichloro-2-butene
Concen: 56.231 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :
MW-08W

Tgt Ion: 75 Resp: 49285
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.317 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036868.D
Acq: 08 Aug 2023 16:51

Tgt Ion: 105 Resp: 1856
Ion Ratio Lower Upper
105 100
120 39.4 21.2 63.6

