

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035078.D
 Acq On : 14 Apr 2023 13:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 17 05:08:48 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)

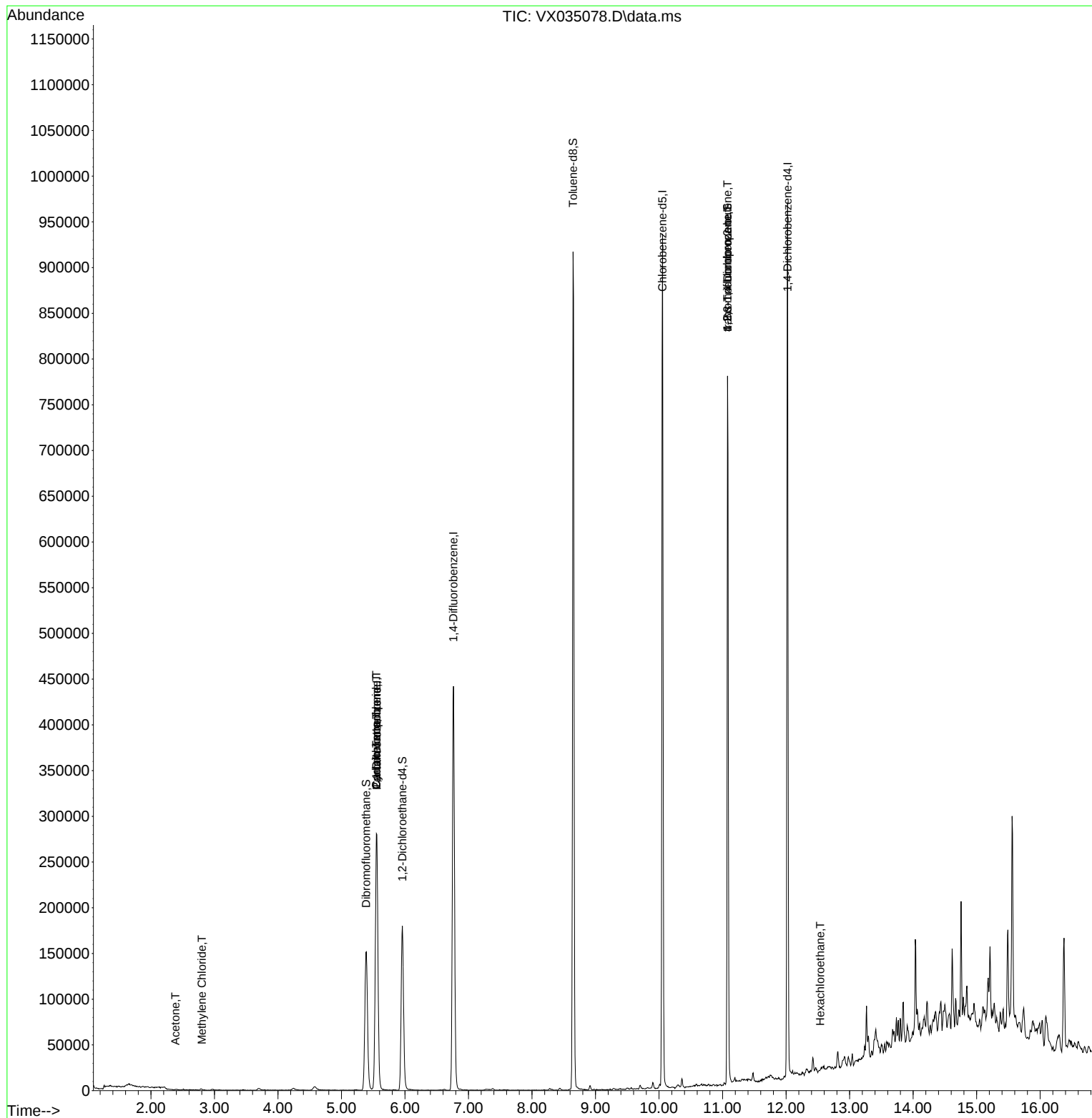
Internal Standards						
1) Pentafluorobenzene	5.556	168	269131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175178	42.561	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.120%		
35) Dibromofluoromethane	5.385	113	136939	46.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.520%		
50) Toluene-d8	8.647	98	539908	49.418	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	209570	49.569	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.140%		
Target Compounds						
16) Acetone	2.386	43	404	0.242	ug/l #	75
20) Methylene Chloride	2.800	84	815	0.247	ug/l #	82
31) Cyclohexane	5.550	56	5911	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20963	4.780	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27817	6.728	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	106125	26.323	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	106125	78.888	ug/l #	8
90) Hexachloroethane	12.536	117	573	0.317	ug/l	89

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

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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

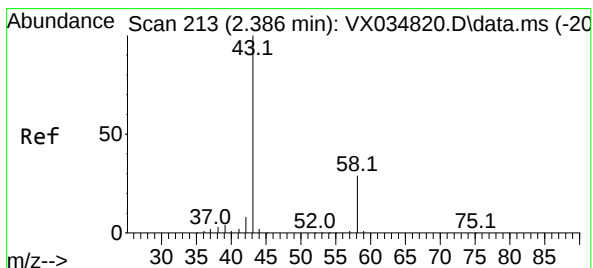
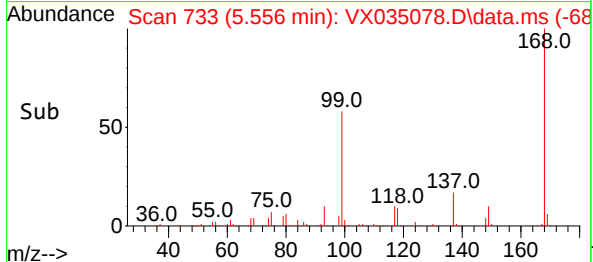
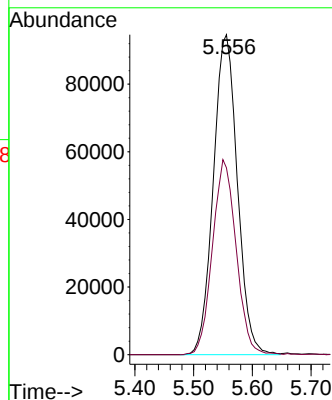
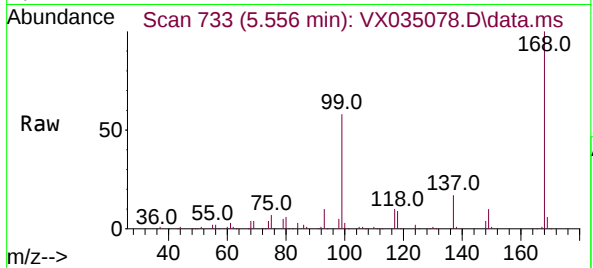




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

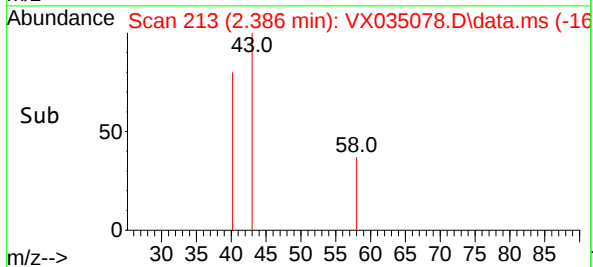
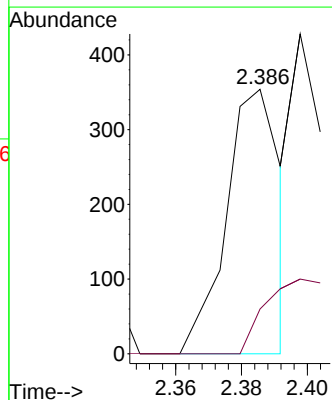
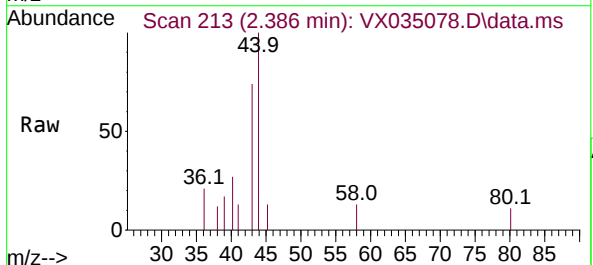
Instrument :
MSVOA_X
ClientSampleId :
IBLK

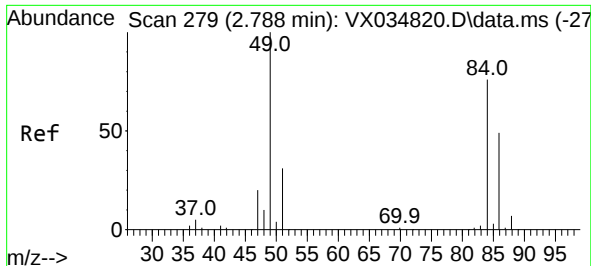
Tgt Ion:168 Resp: 269131
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#16
Acetone
Concen: 0.242 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 16.9 24.7 37.1#

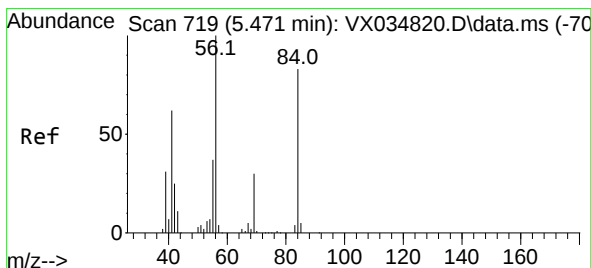
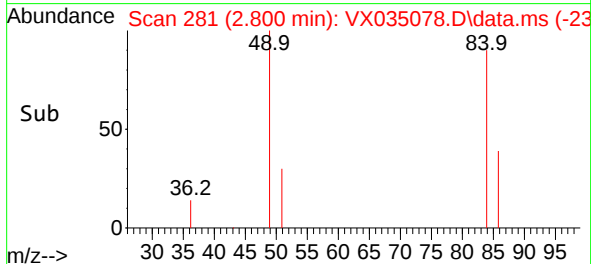
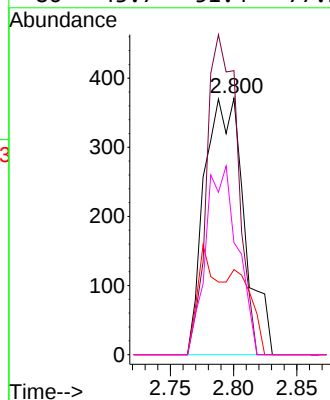
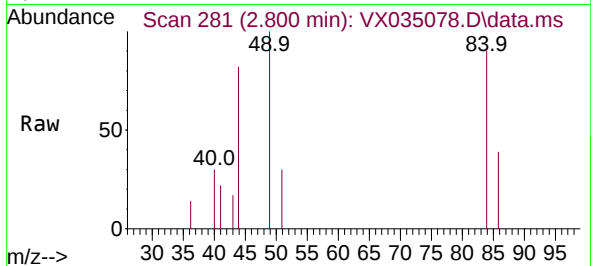




#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

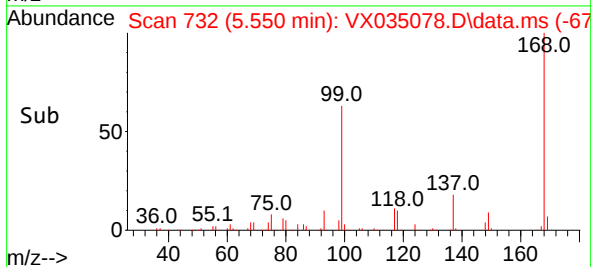
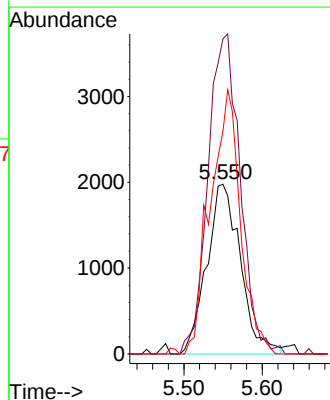
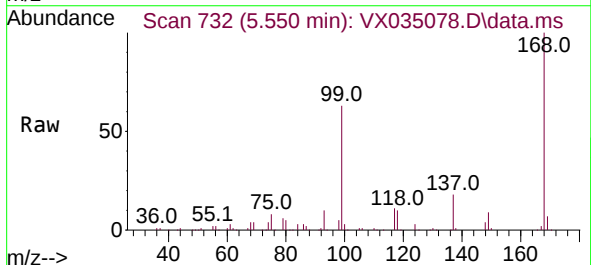
Instrument :
MSVOA_X
ClientSampleId :
IBLK

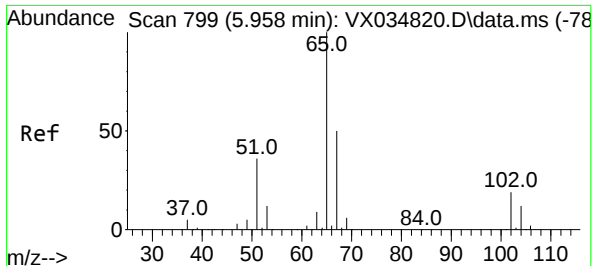
Tgt Ion: 84	Resp: 815
Ion Ratio	Lower Upper
84 100	
49 110.8	103.8 155.8
51 33.2	31.8 47.8
86 43.7	51.4 77.2#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Tgt Ion: 56	Resp: 5911
Ion Ratio	Lower Upper
56 100	
69 185.7	23.7 35.5#
84 131.1	68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 42.561 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035078.D

Acq: 14 Apr 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

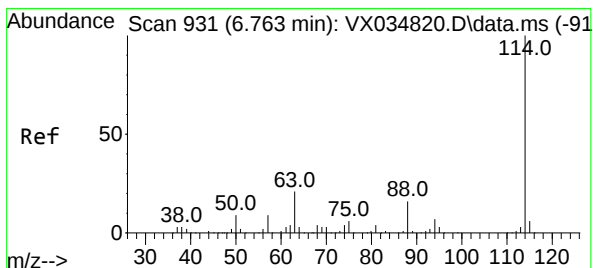
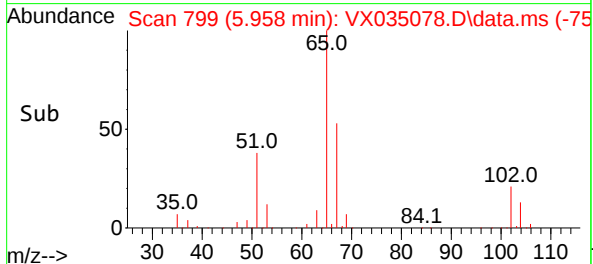
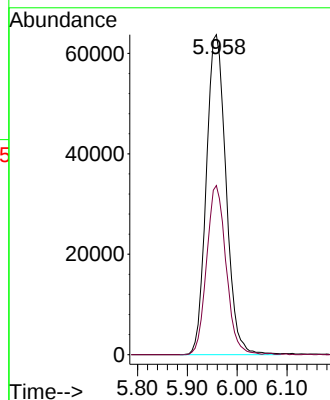
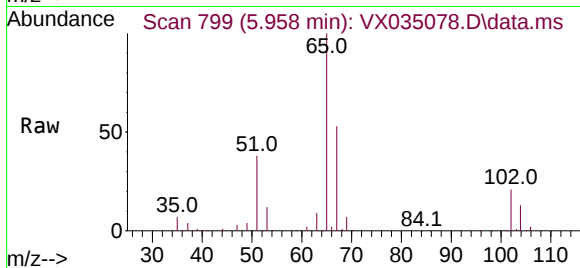
IBLK

Tgt Ion: 65 Resp: 175178

Ion Ratio Lower Upper

65 100

67 52.0 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: VX035078.D

Acq: 14 Apr 2023 13:12

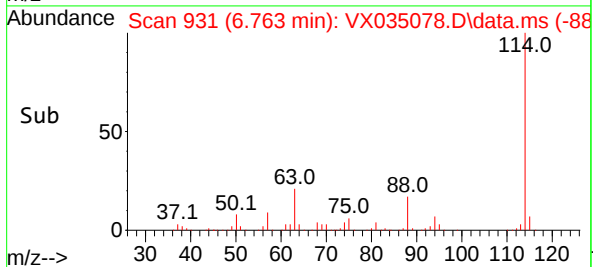
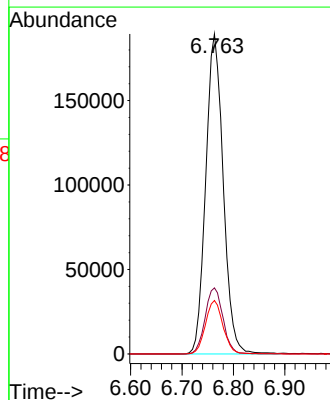
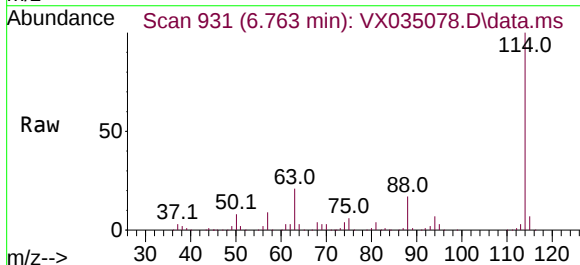
Tgt Ion: 114 Resp: 447515

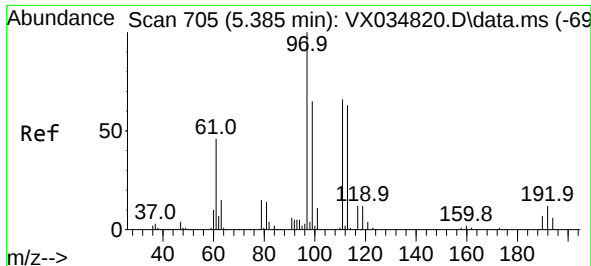
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.264 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035078.D

Acq: 14 Apr 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

IBLK

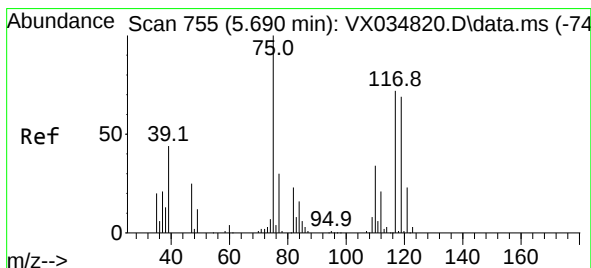
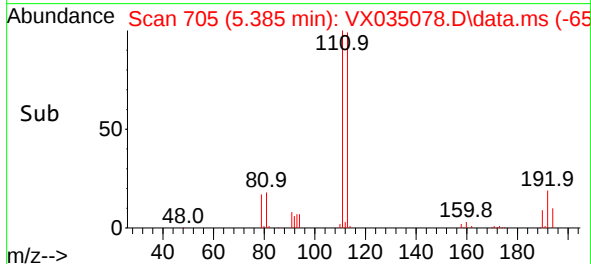
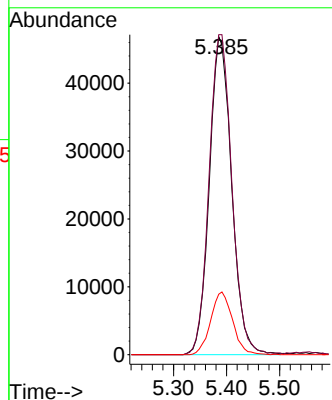
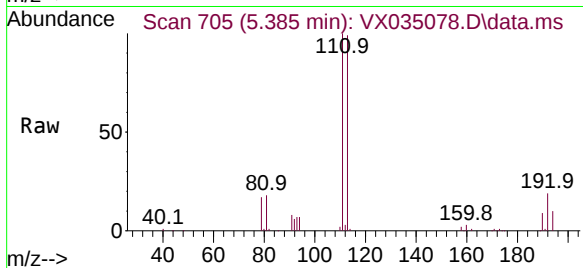
Tgt Ion:113 Resp: 136939

Ion Ratio Lower Upper

113 100

111 103.1 83.7 125.5

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.780 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035078.D

Acq: 14 Apr 2023 13:12

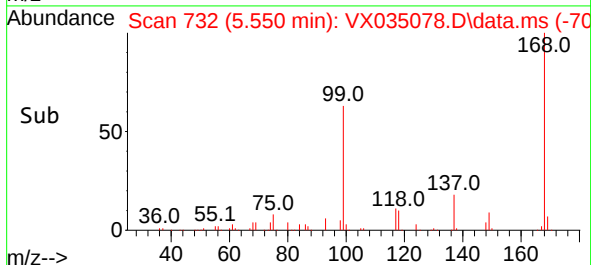
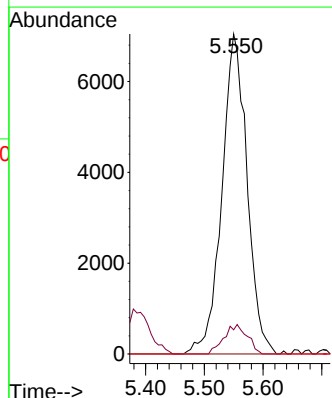
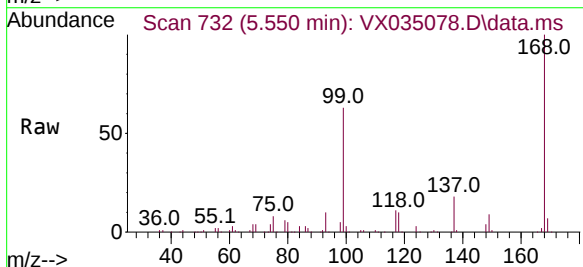
Tgt Ion: 75 Resp: 20963

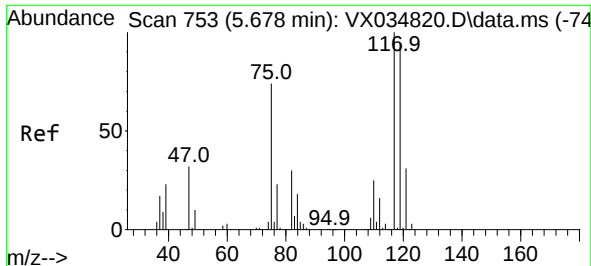
Ion Ratio Lower Upper

75 100

110 8.5 17.5 52.5#

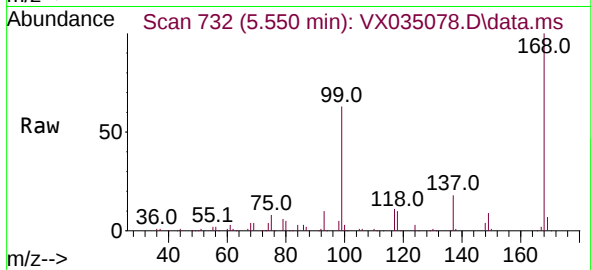
77 0.0 24.3 36.5#



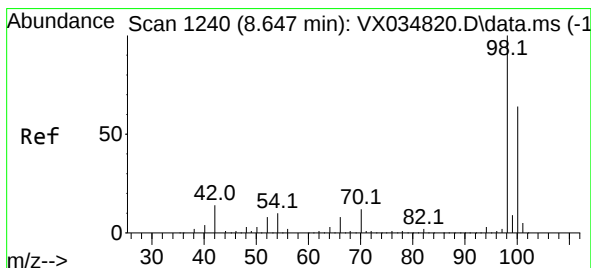
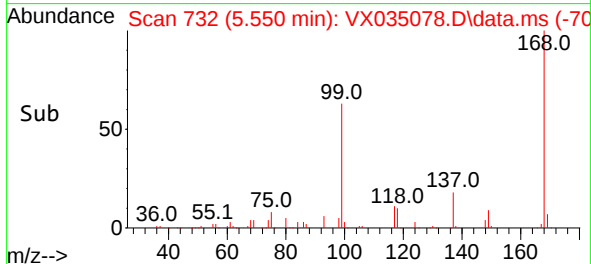
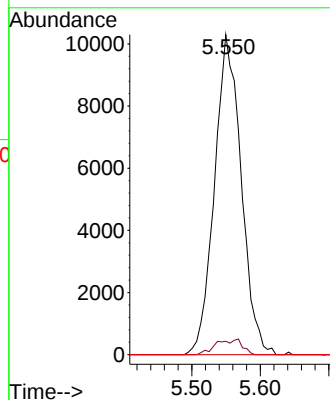


#38
Carbon Tetrachloride
Concen: 6.728 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
IBLK

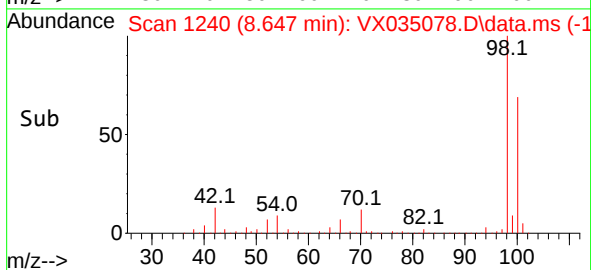
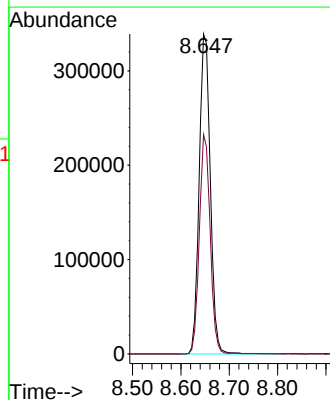
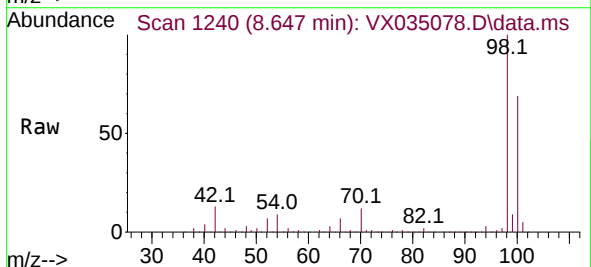


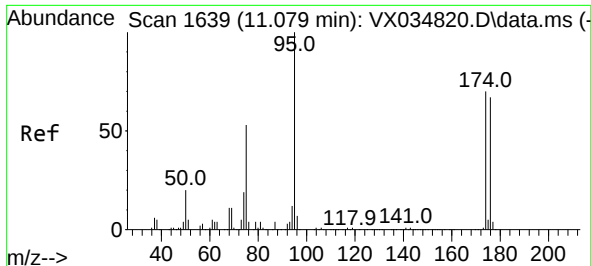
Tgt Ion:117 Resp: 27817
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.418 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Tgt Ion: 98 Resp: 539908
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7

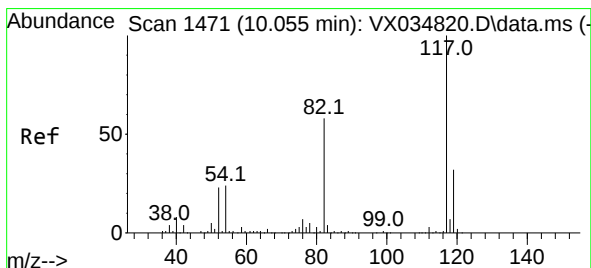
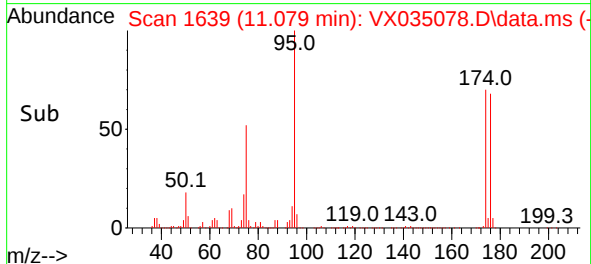
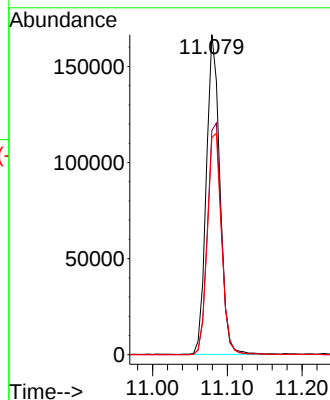
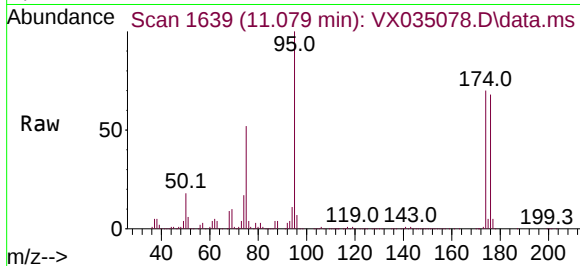




#62
4-Bromofluorobenzene
Concen: 49.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

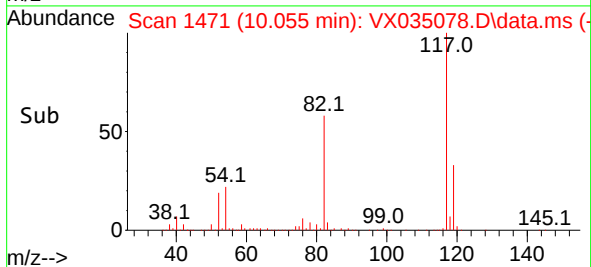
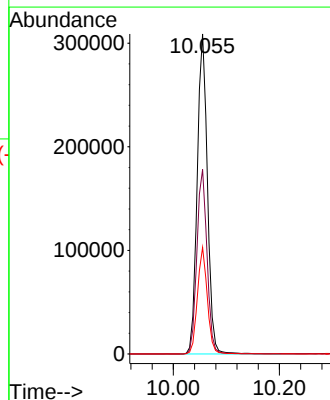
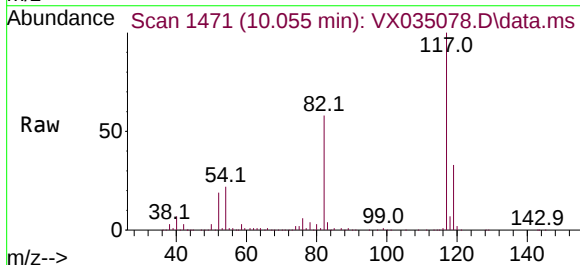
Instrument :
MSVOA_X
ClientSampleId :
IBLK

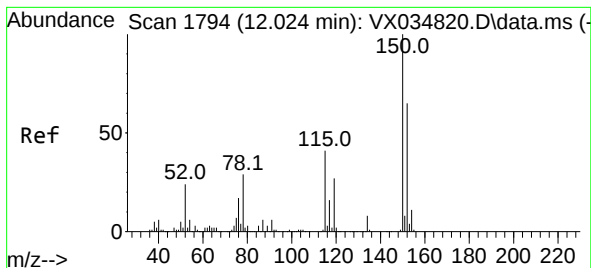
Tgt Ion: 95 Resp: 209570
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.4
176 72.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Tgt Ion: 117 Resp: 412851
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 33.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035078.D

Acq: 14 Apr 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

IBLK

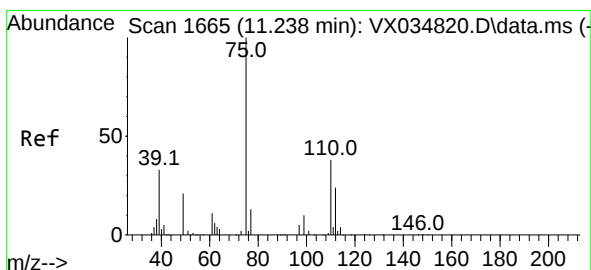
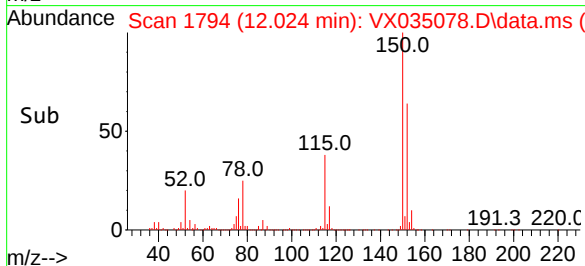
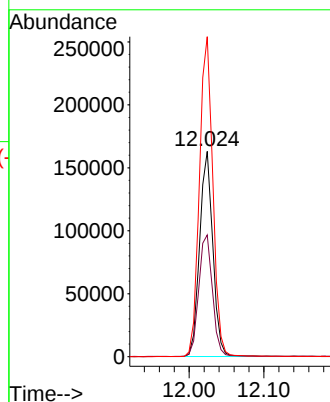
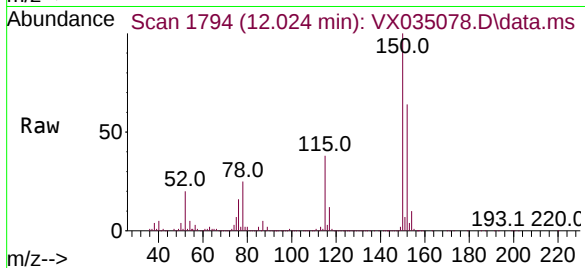
Tgt Ion:152 Resp: 200088

Ion Ratio Lower Upper

152 100

115 61.4 45.0 135.0

150 158.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 26.323 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035078.D

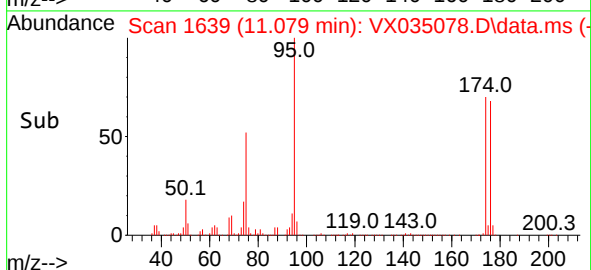
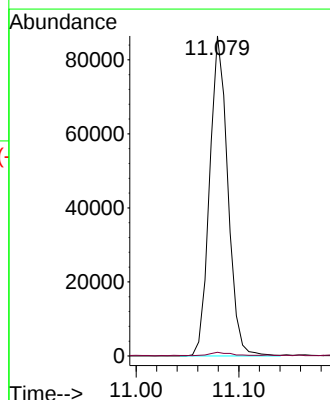
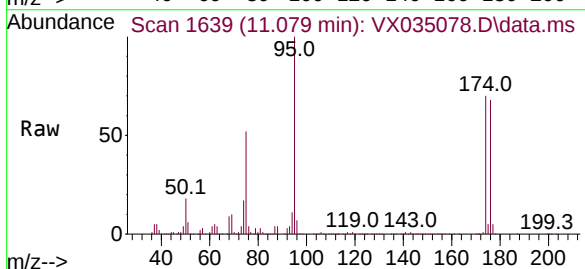
Acq: 14 Apr 2023 13:12

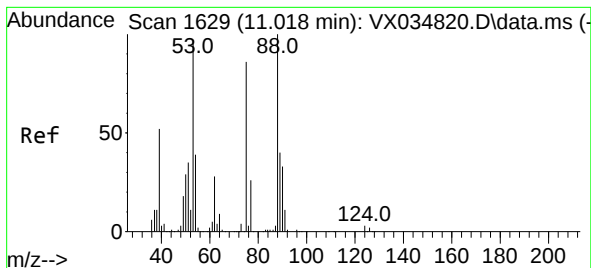
Tgt Ion: 75 Resp: 106125

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#

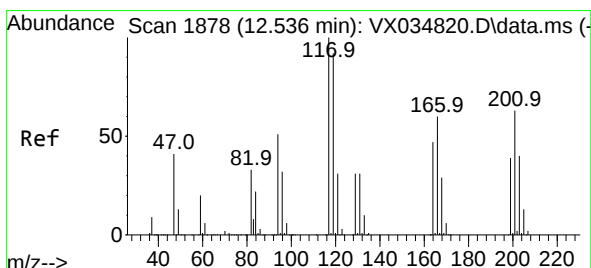
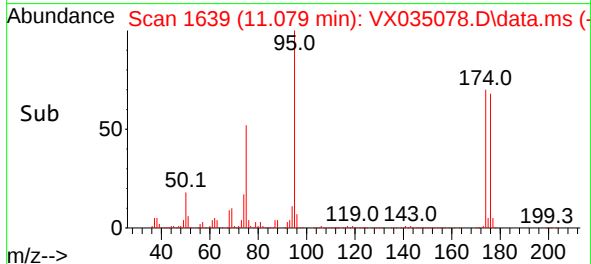
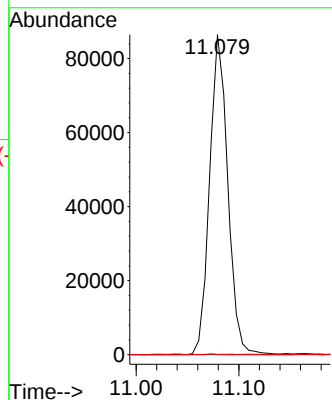
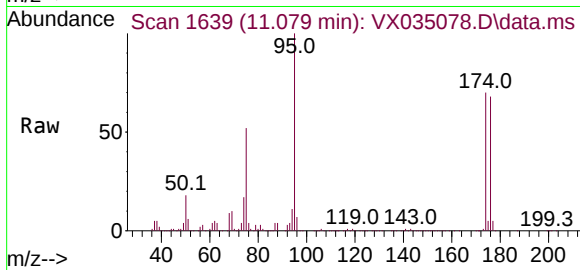




#81
trans-1,4-Dichloro-2-butene
Concen: 78.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 106125
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#90
Hexachloroethane
Concen: 0.317 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035078.D
Acq: 14 Apr 2023 13:12

Tgt Ion: 117 Resp: 573
Ion Ratio Lower Upper
117 100
201 59.7 34.4 103.1

