

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036988.D
 Acq On : 15 Aug 2023 15:20
 Operator : JC/MD
 Sample : 04014-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 16 05:34:04 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)

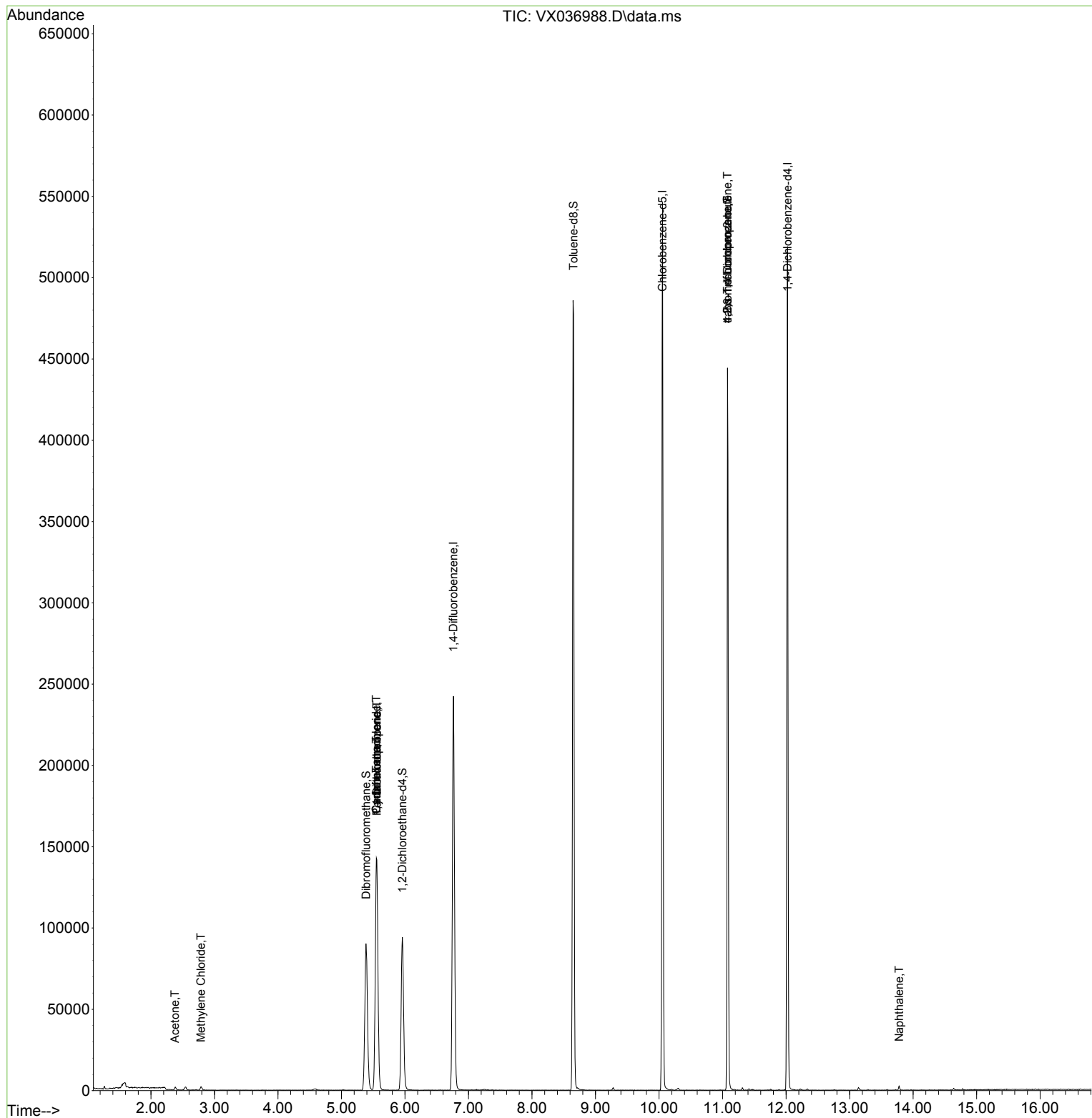
Internal Standards						
1) Pentafluorobenzene	5.556	168	135131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94238	47.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.260%
35) Dibromofluoromethane	5.385	113	79123	46.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.653	98	298845	49.285	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	118831	51.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1854	2.235	ug/l	91
20) Methylene Chloride	2.788	84	1208	0.655	ug/l #	85
31) Cyclohexane	5.550	56	3076	1.111	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	10829	4.249	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14654	5.408	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	61856	24.044	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61856	54.497	ug/l #	5
95) Naphthalene	13.780	128	2148	0.272	ug/l	97

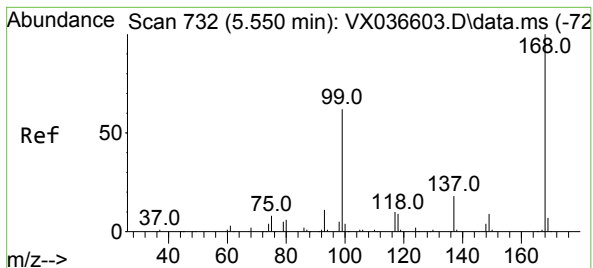
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX036988.D

Acq: 15 Aug 2023 15:20

Instrument :

MSVOA_X

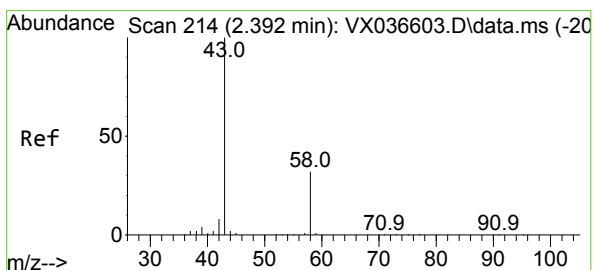
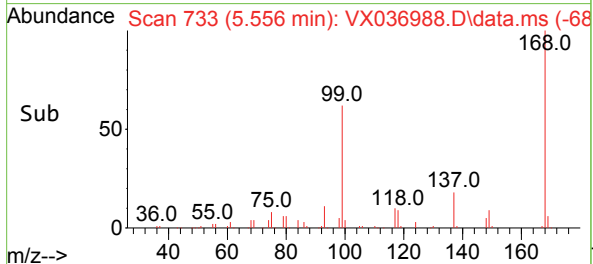
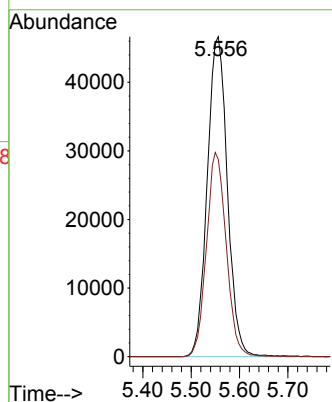
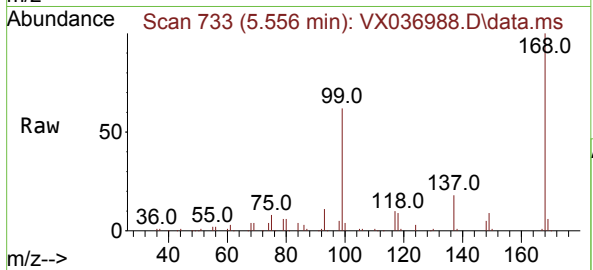
ClientSampleId :

Tgt Ion:168 Resp: 135131

Ion Ratio Lower Upper

168 100

99 61.7 56.6 85.0



#16

Acetone

Concen: 2.235 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX036988.D

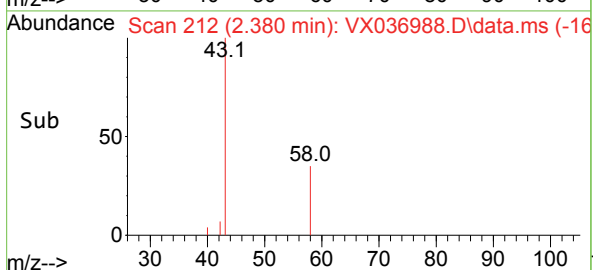
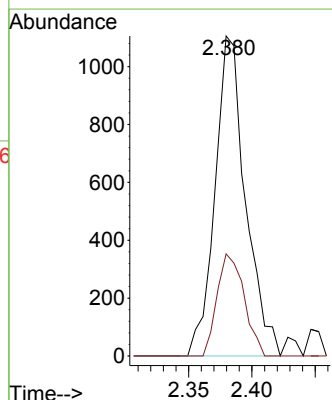
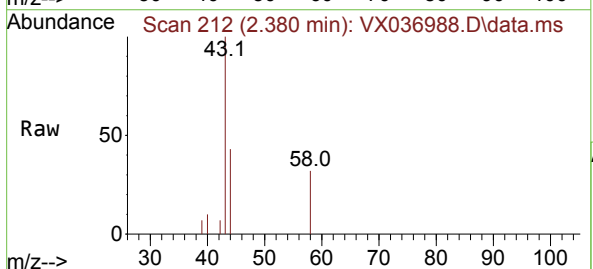
Acq: 15 Aug 2023 15:20

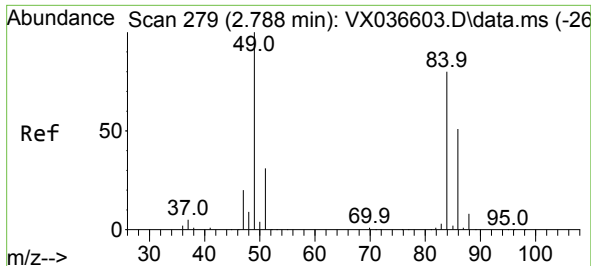
Tgt Ion: 43 Resp: 1854

Ion Ratio Lower Upper

43 100

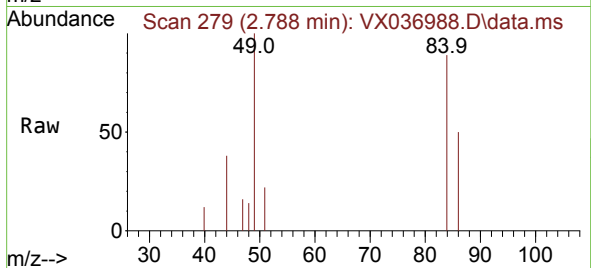
58 31.9 21.9 32.9



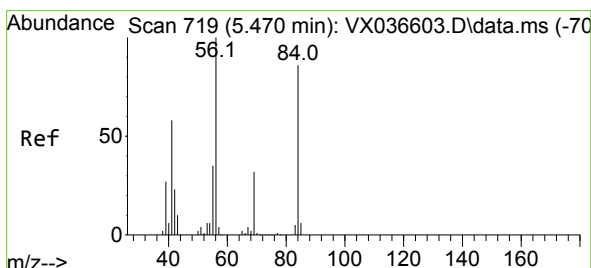
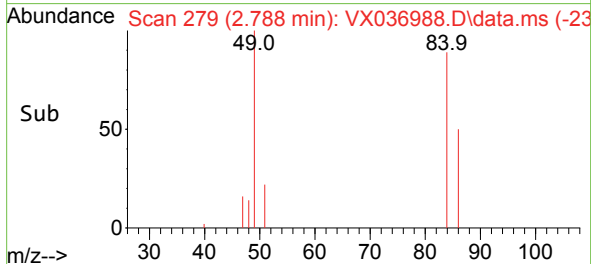
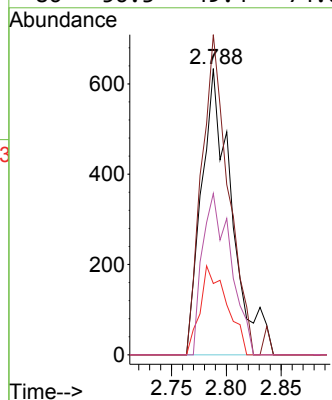


#20
Methylene Chloride
Concen: 0.655 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

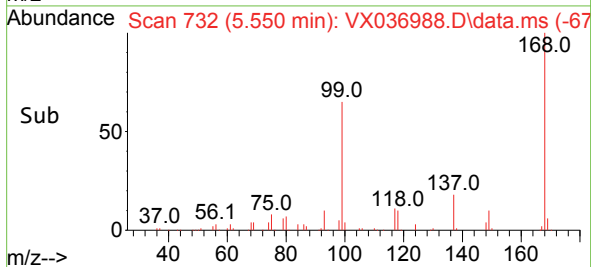
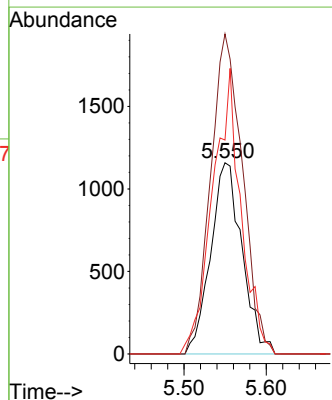
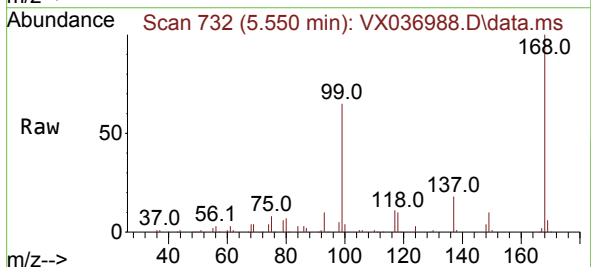


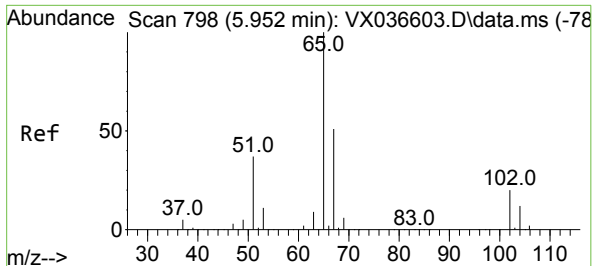
Tgt Ion:	84	Resp:	1208
Ion	Ratio	Lower	Upper
84	100		
49	111.8	103.6	155.4
51	24.9	33.8	50.6#
86	56.3	49.4	74.0



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion:	56	Resp:	3076
Ion	Ratio	Lower	Upper
56	100		
69	167.3	23.4	35.2#
84	111.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.132 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036988.D

Acq: 15 Aug 2023 15:20

Instrument :

MSVOA_X

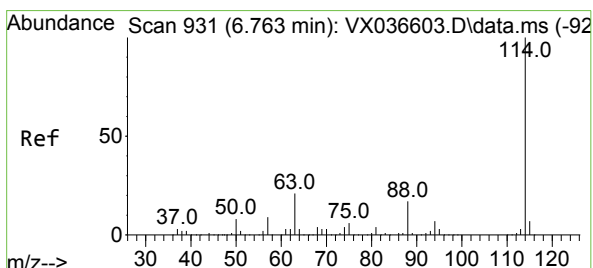
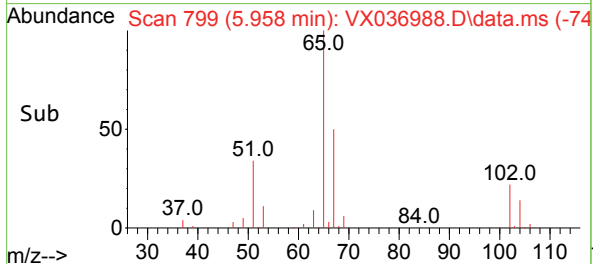
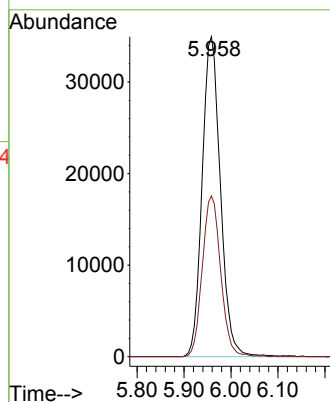
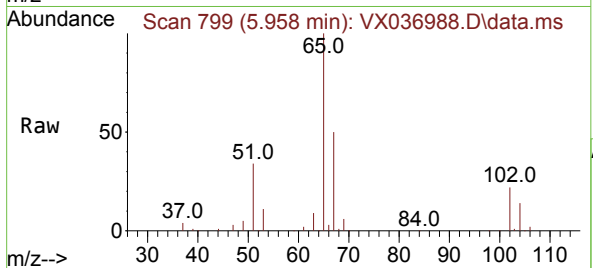
ClientSampleId :

Tgt Ion: 65 Resp: 94238

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036988.D

Acq: 15 Aug 2023 15:20

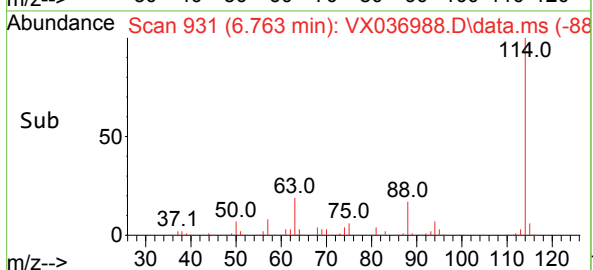
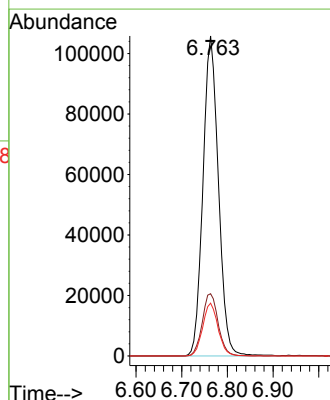
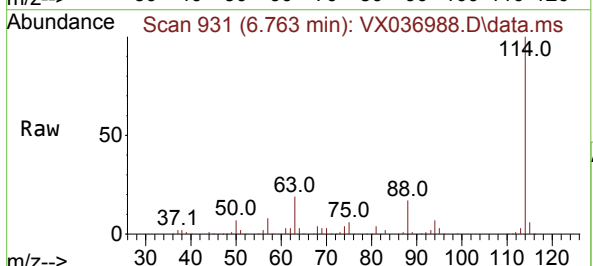
Tgt Ion: 114 Resp: 248767

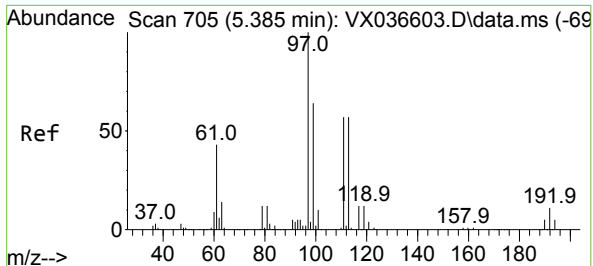
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

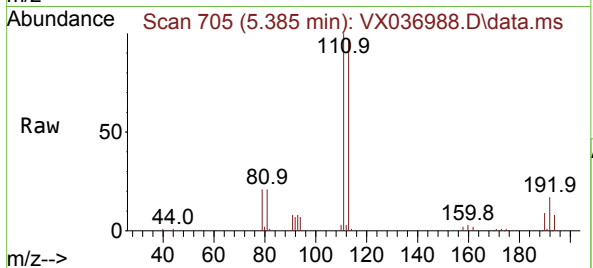
88 16.5 0.0 36.6



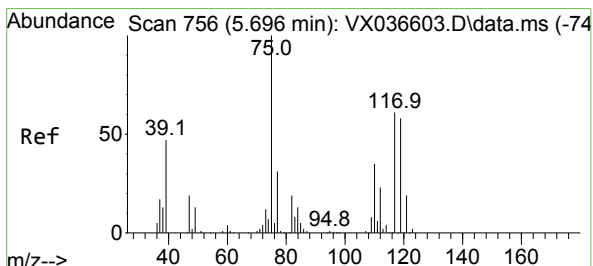
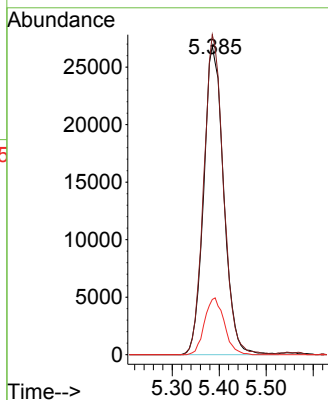
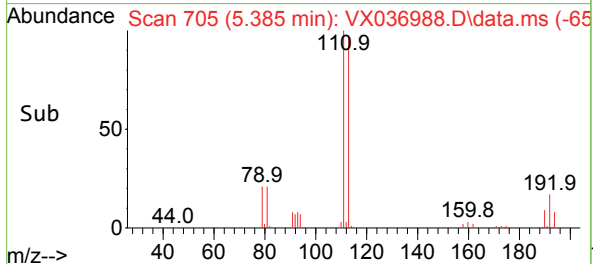


#35
Dibromofluoromethane
Concen: 46.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

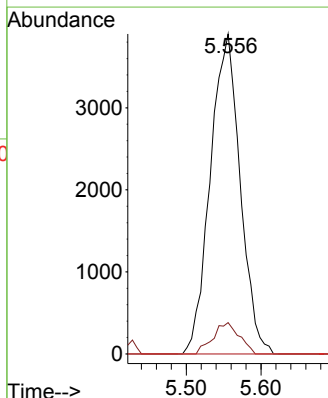
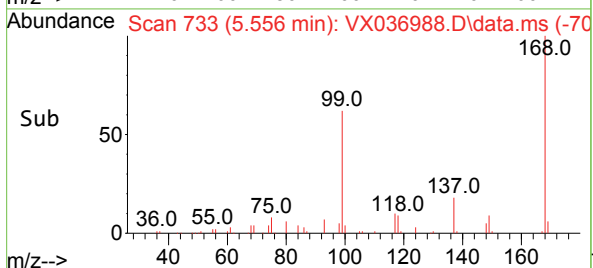
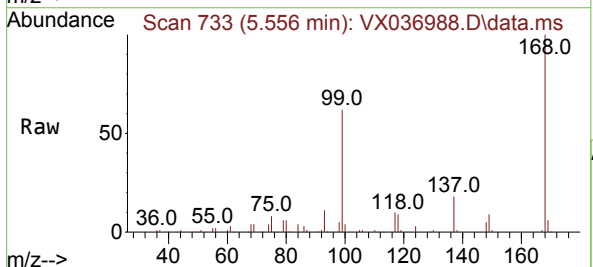


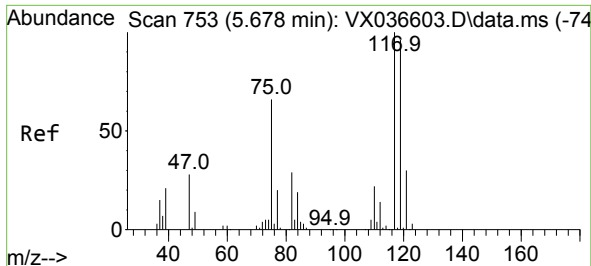
Tgt Ion:113 Resp: 79123
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

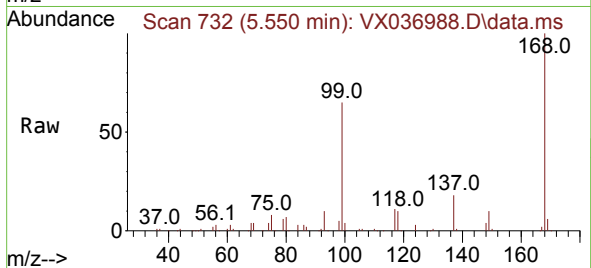
Tgt Ion: 75 Resp: 10829
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



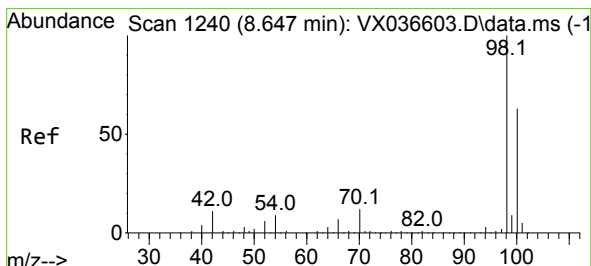
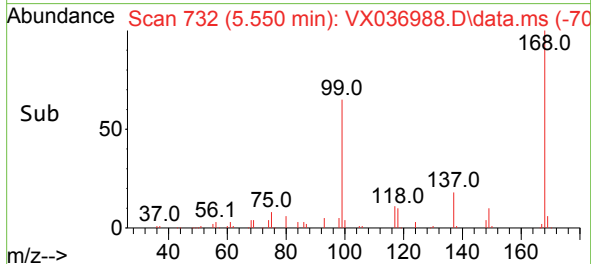
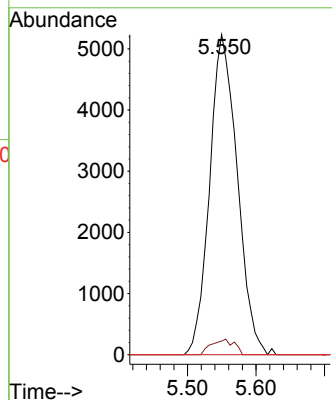


#38
Carbon Tetrachloride
Concen: 5.408 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

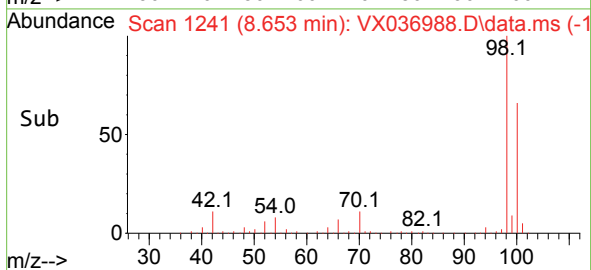
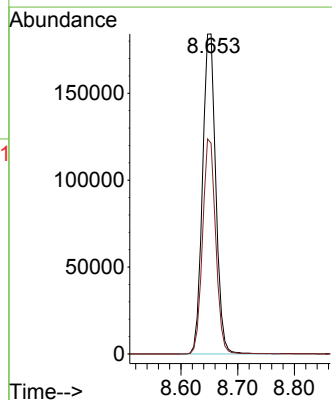
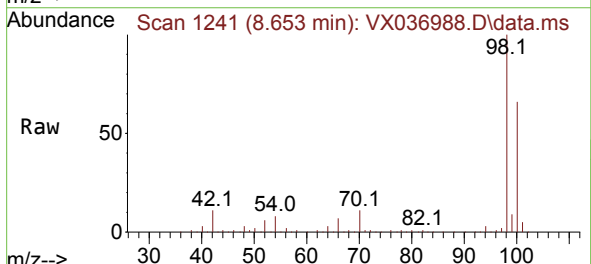


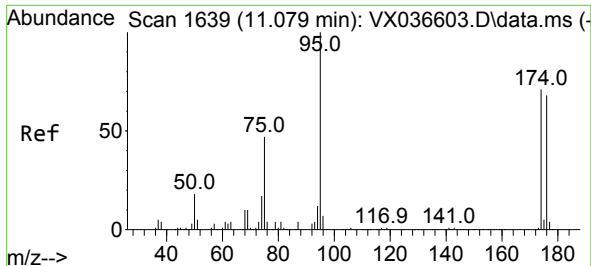
Tgt Ion:117 Resp: 14654
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.285 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion: 98 Resp: 298845
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

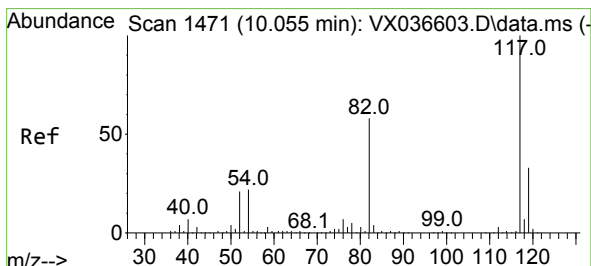
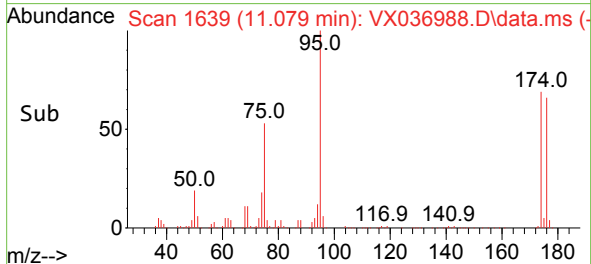
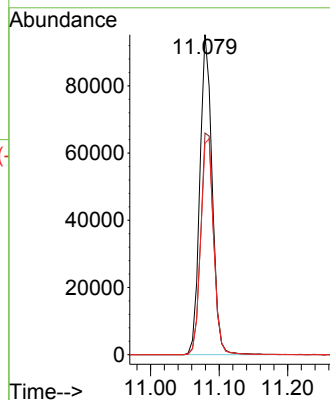
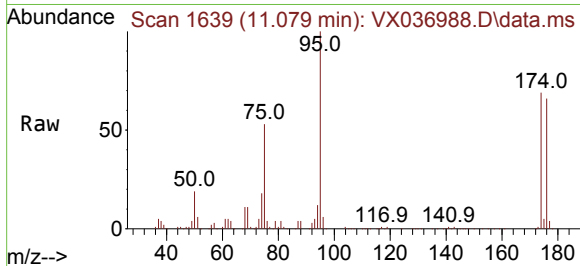




#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

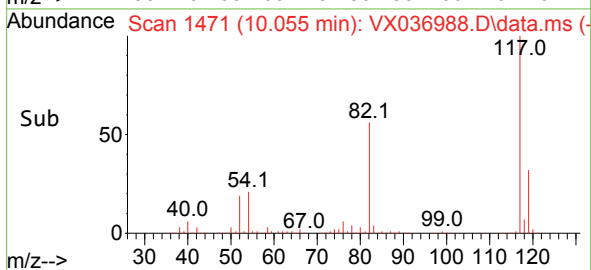
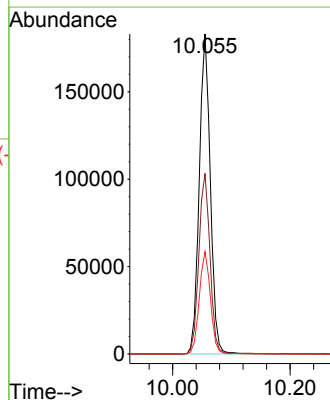
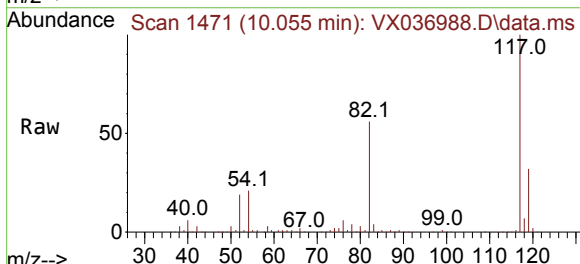
Instrument :
MSVOA_X
ClientSampleId :

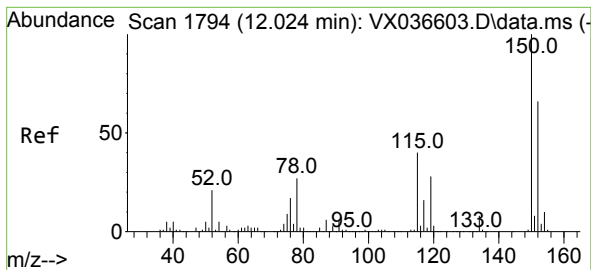
Tgt Ion: 95 Resp: 118831
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion: 117 Resp: 239793
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036988.D

Acq: 15 Aug 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

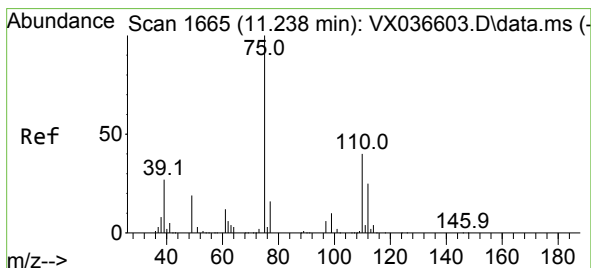
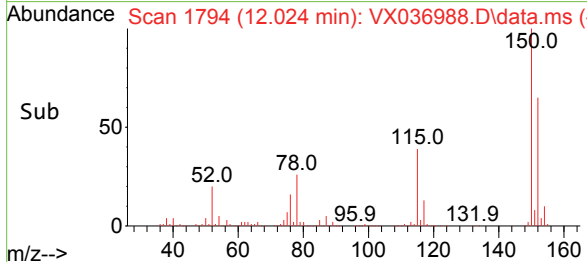
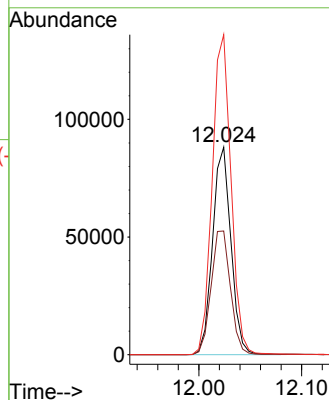
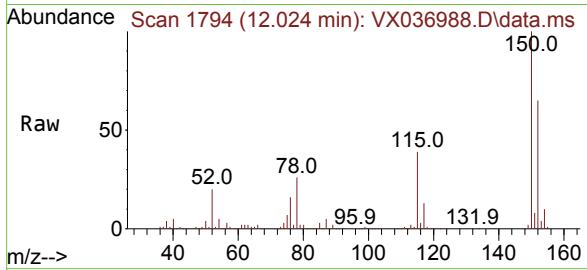
Tgt Ion:152 Resp: 109376

Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.044 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036988.D

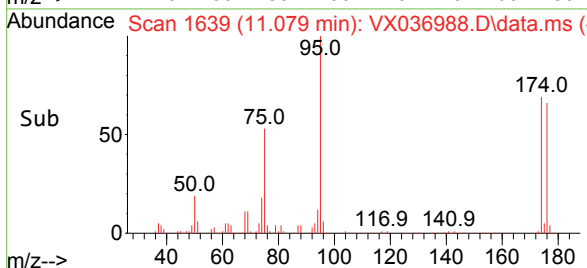
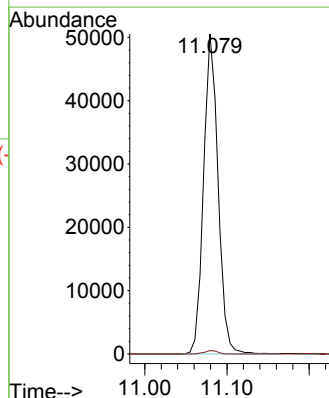
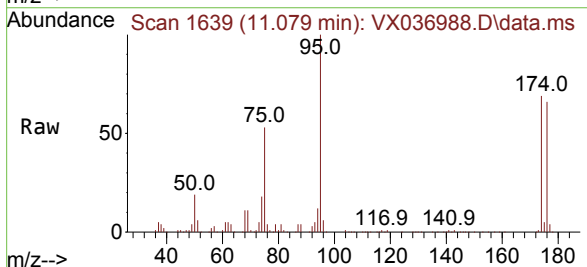
Acq: 15 Aug 2023 15:20

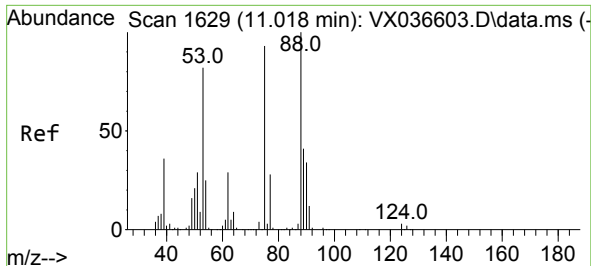
Tgt Ion: 75 Resp: 61856

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

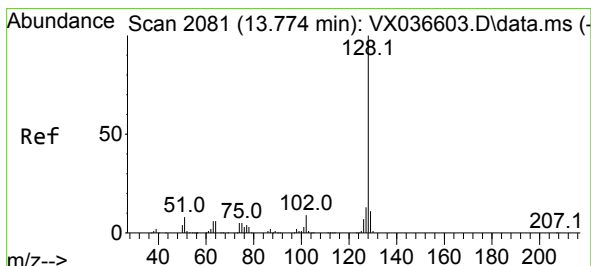
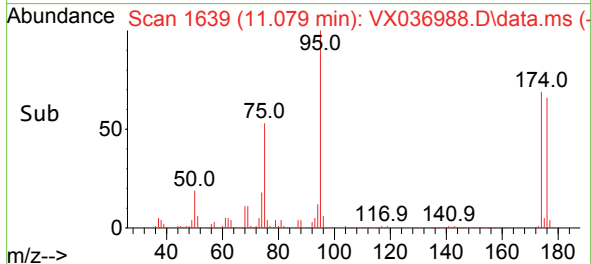
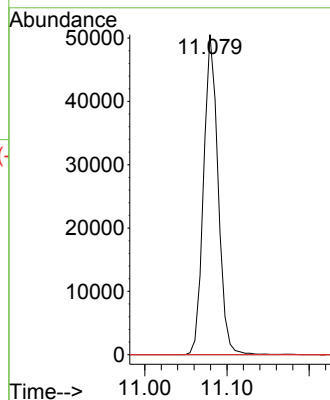
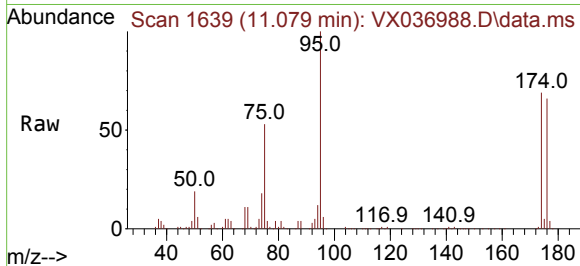




#81
trans-1,4-Dichloro-2-butene
Concen: 54.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61856
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.272 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion: 128 Resp: 2148
Ion Ratio Lower Upper
128 100
127 10.8 10.3 15.5
129 10.8 8.8 13.2

