

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036933.D
 Acq On : 11 Aug 2023 12:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 22:56:39 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)

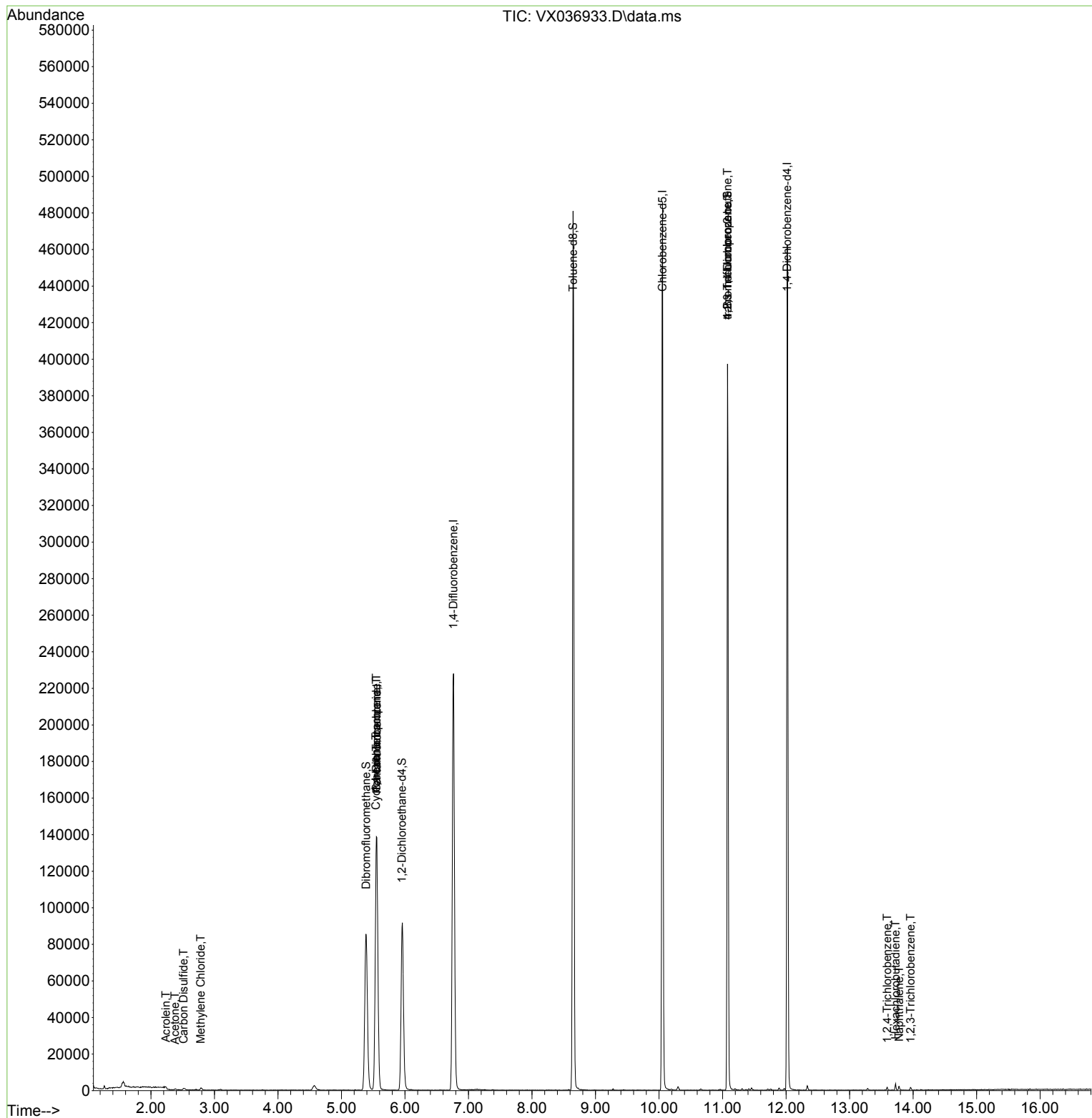
Internal Standards						
1) Pentafluorobenzene	5.556	168	130478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89840	46.534	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.060%
35) Dibromofluoromethane	5.385	113	76017	46.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	8.647	98	282424	49.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	107237	49.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	241	0.924	ug/l #	82
16) Acetone	2.380	43	633	0.790	ug/l	90
17) Carbon Disulfide	2.514	76	978	0.243	ug/l	96
20) Methylene Chloride	2.782	84	680	0.382	ug/l #	67
31) Cyclohexane	5.544	56	2830	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10617	4.386	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13798	5.362	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	55793	25.182	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55793	57.076	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	566	0.290	ug/l	91
94) Hexachlorobutadiene	13.725	225	522	0.645	ug/l	98
95) Naphthalene	13.780	128	1938	0.284	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	489	0.254	ug/l	90

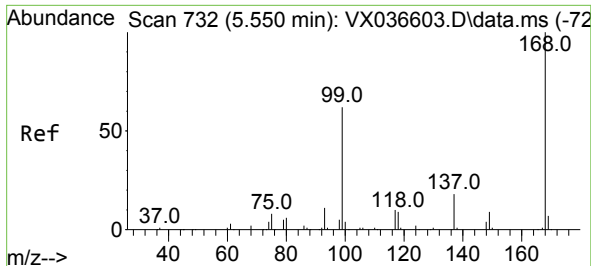
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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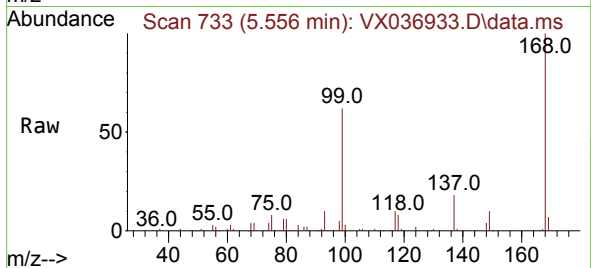
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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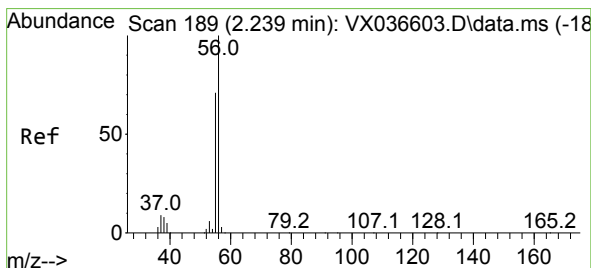
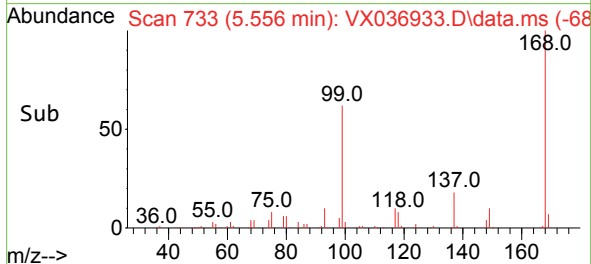
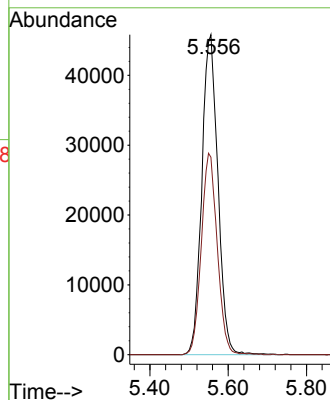


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

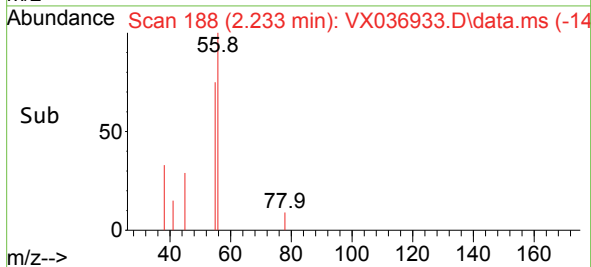
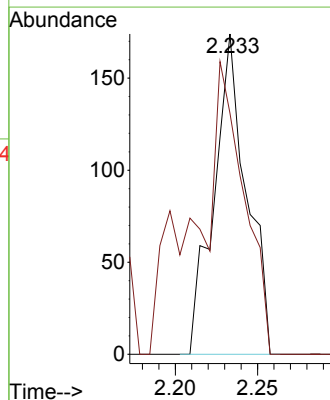
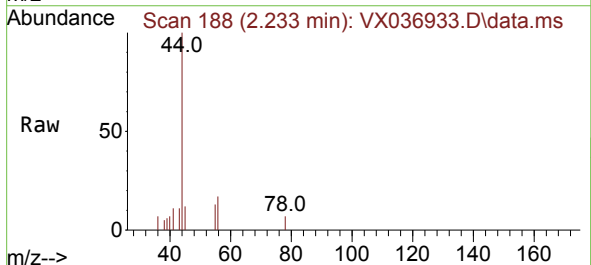


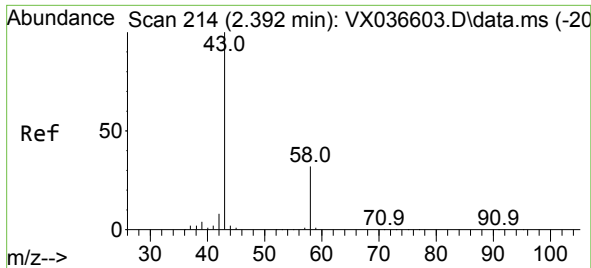
Tgt Ion:168 Resp: 130478
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#13
Acrolein
Concen: 0.924 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

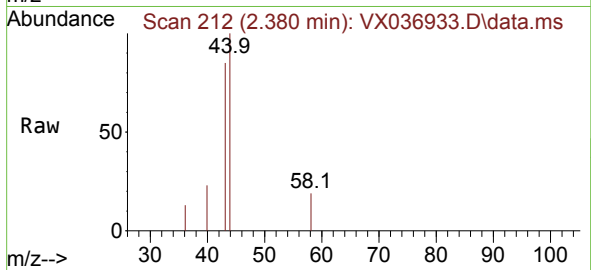
Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 86.7 57.1 85.7#



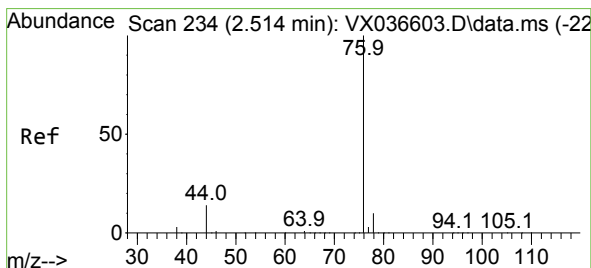
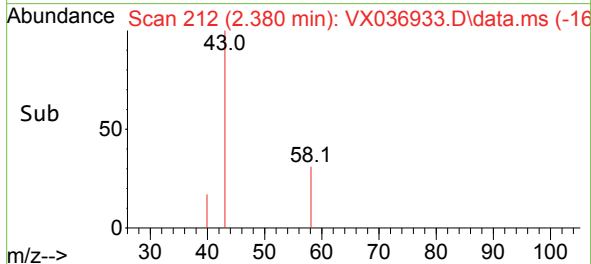
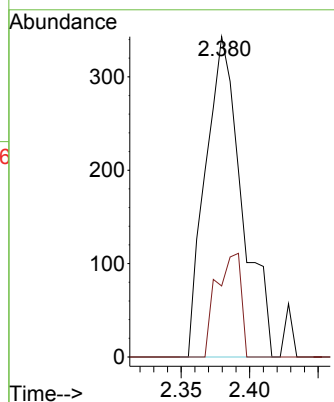


#16
Acetone
Concen: 0.790 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

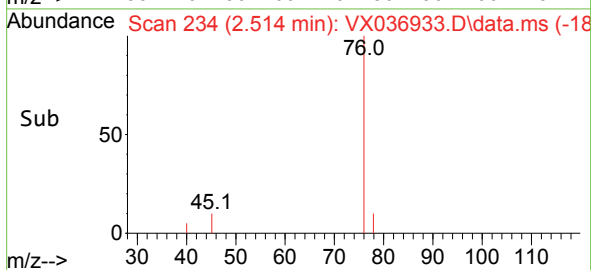
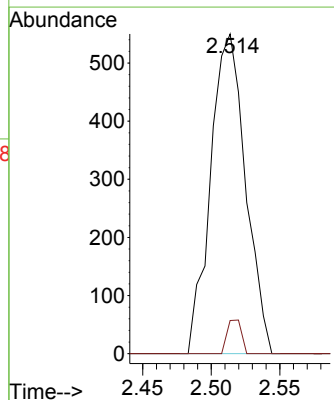
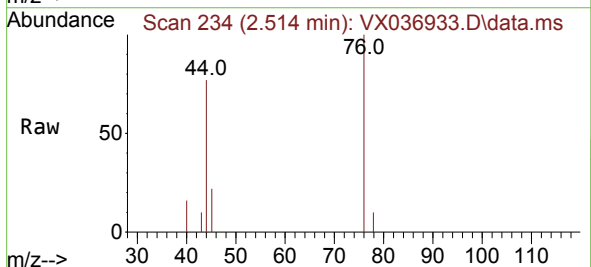


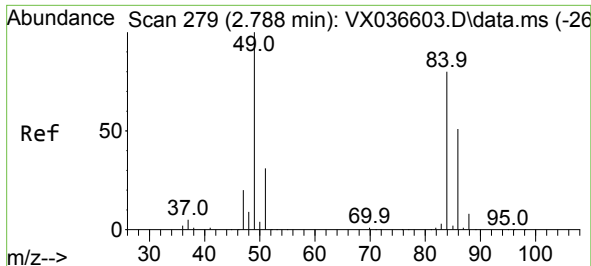
Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 22.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

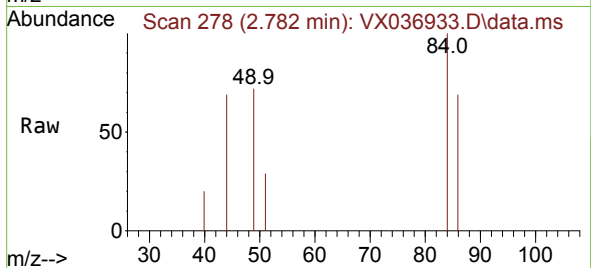
Tgt Ion: 76 Resp: 978
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.6



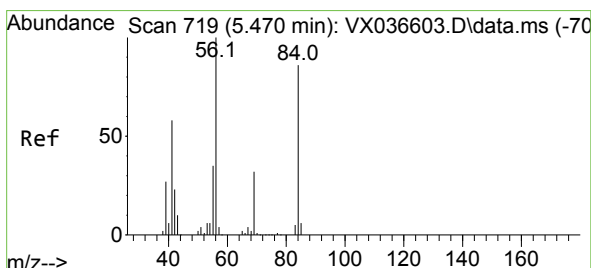
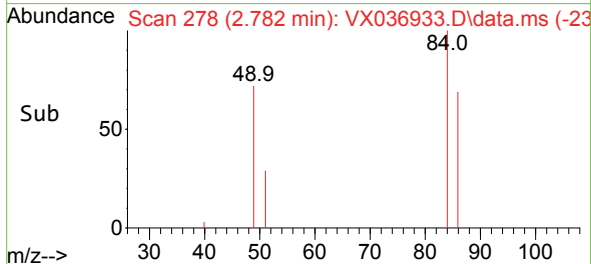
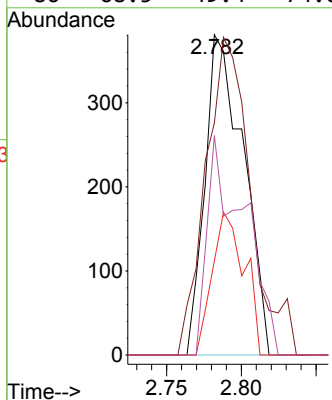


#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

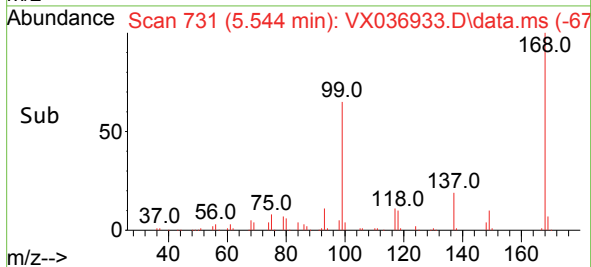
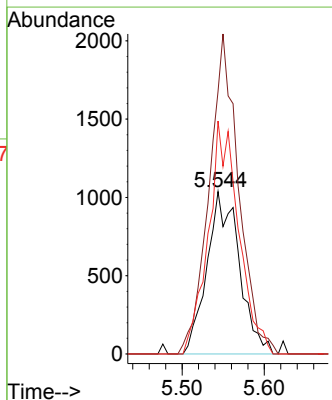
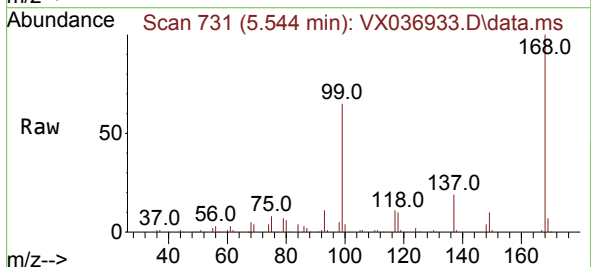


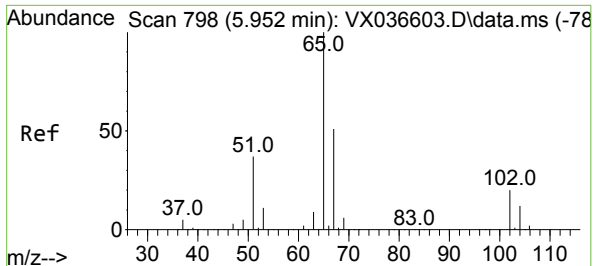
Tgt Ion: 84 Resp: 680
Ion Ratio Lower Upper
84 100
49 72.4 103.6 155.4#
51 29.4 33.8 50.6#
86 68.5 49.4 74.0



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion: 56 Resp: 2830
Ion Ratio Lower Upper
56 100
69 161.6 23.4 35.2#
84 143.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.534 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036933.D

Acq: 11 Aug 2023 12:03

Instrument :

MSVOA_X

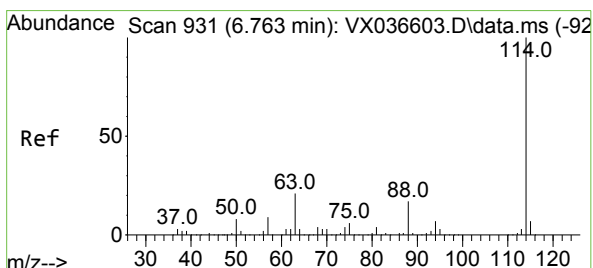
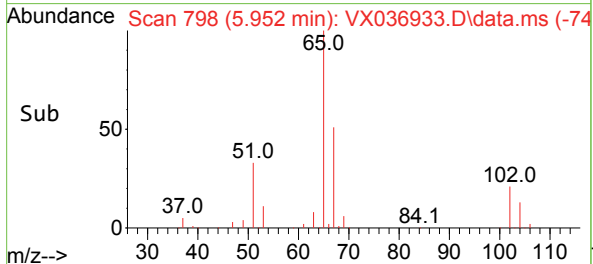
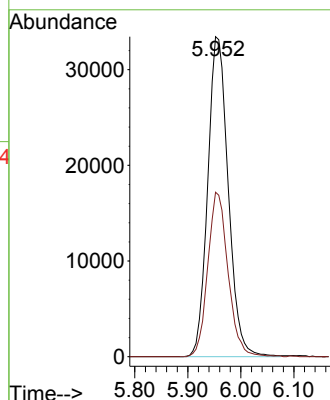
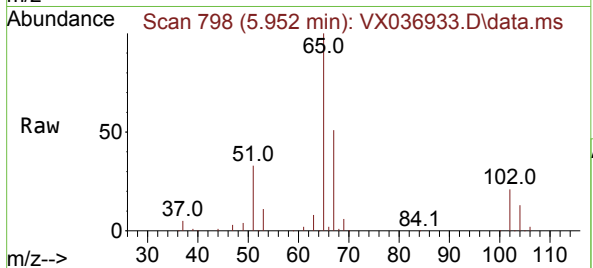
ClientSampleId :

Tgt Ion: 65 Resp: 89840

Ion Ratio Lower Upper

65 100

67 50.9 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: VX036933.D

Acq: 11 Aug 2023 12:03

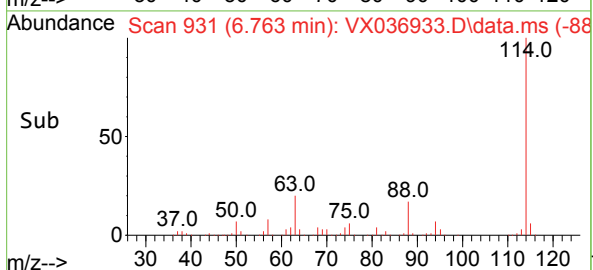
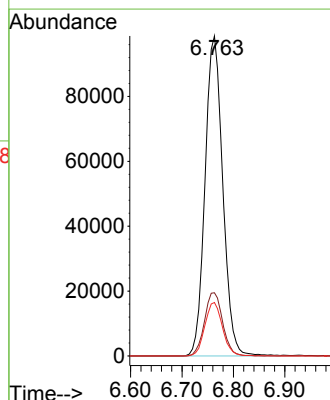
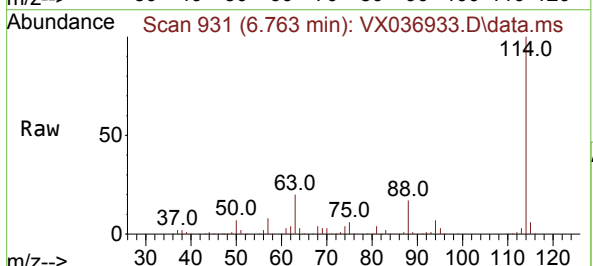
Tgt Ion: 114 Resp: 236282

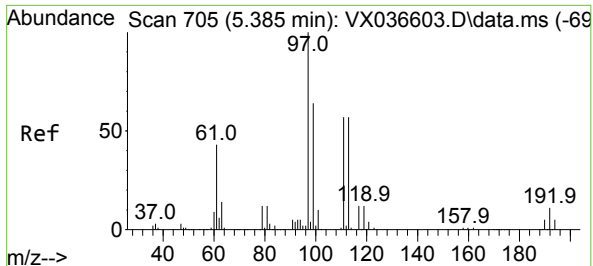
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

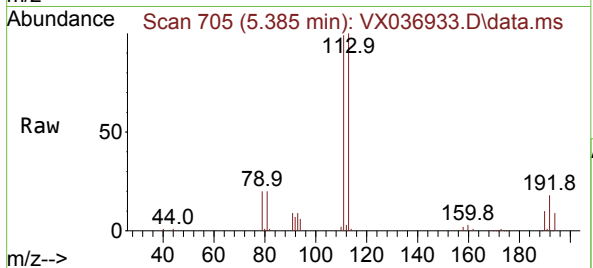
88 16.7 0.0 36.6



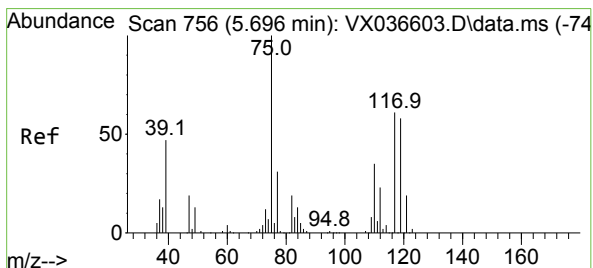
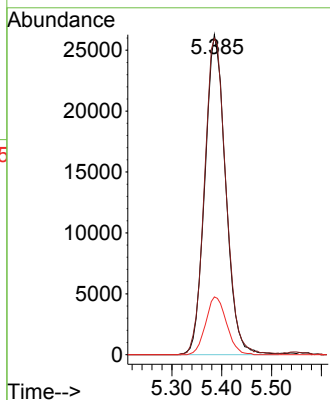
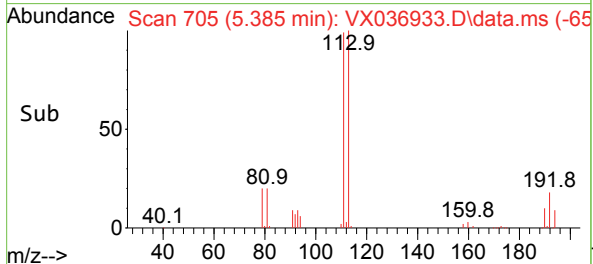


#35
Dibromofluoromethane
Concen: 46.806 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

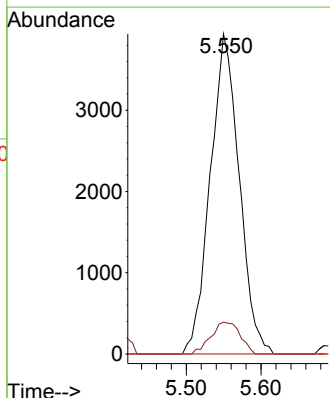
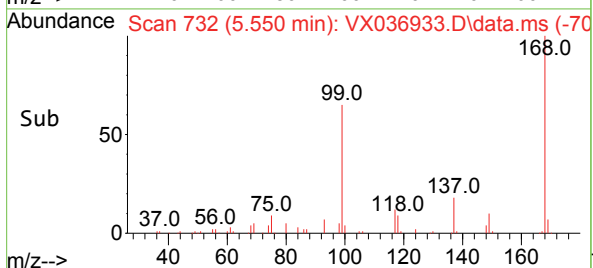
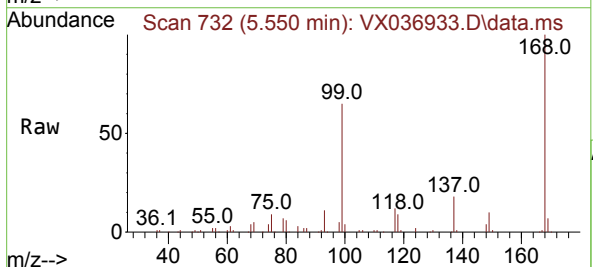


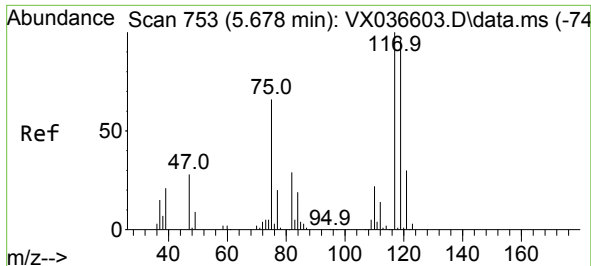
Tgt Ion:113 Resp: 76017
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

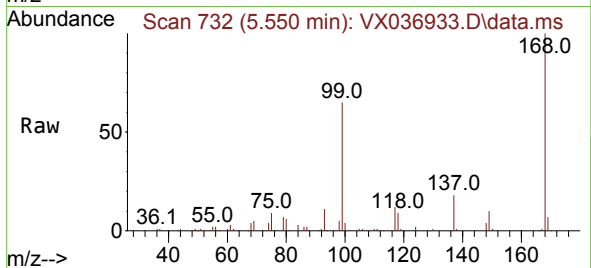
Tgt Ion: 75 Resp: 10617
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



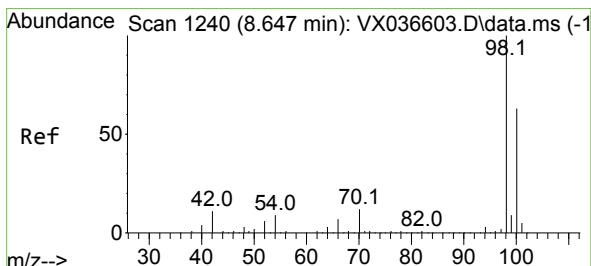
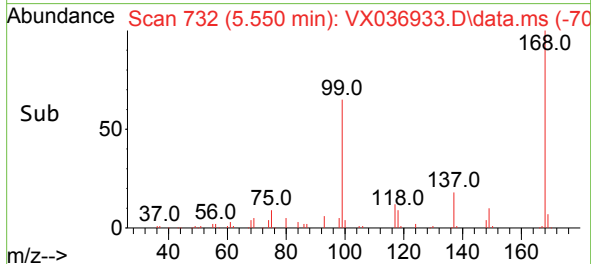
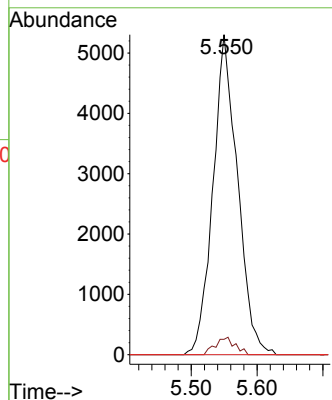


#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

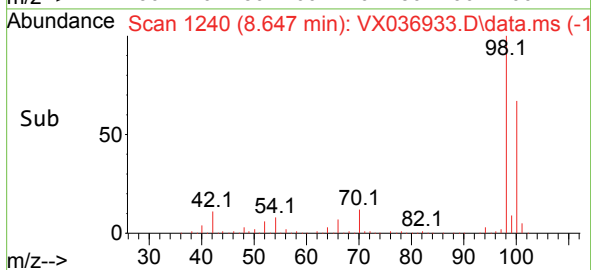
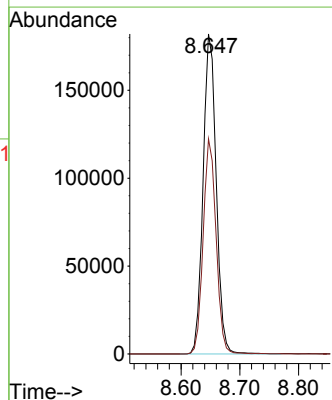
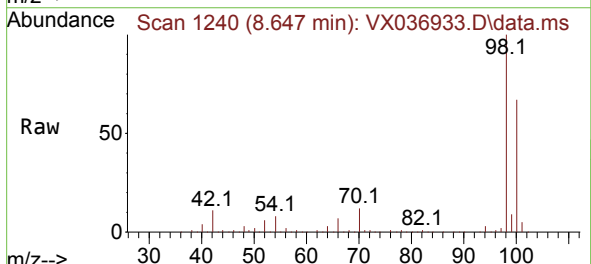


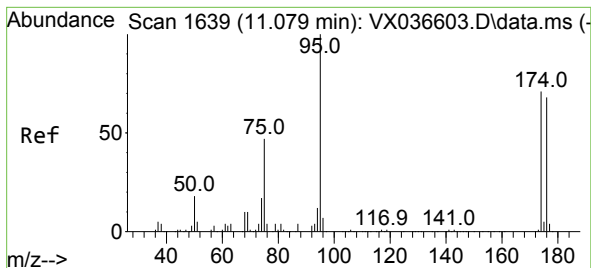
Tgt Ion:117 Resp: 13798
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion: 98 Resp: 282424
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

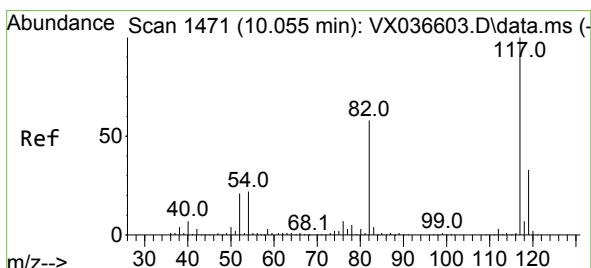
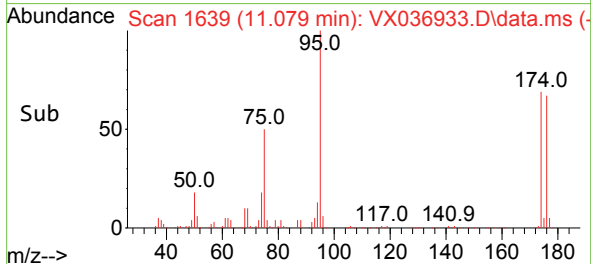
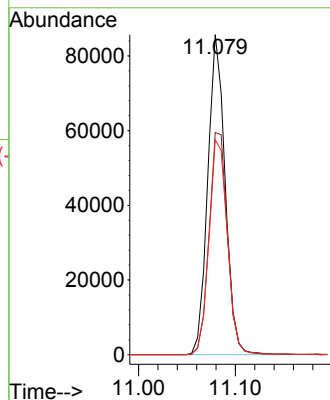
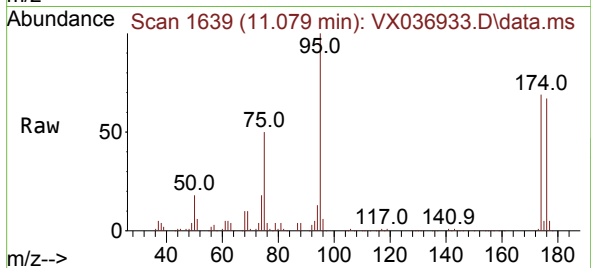




#62
4-Bromofluorobenzene
Concen: 49.352 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

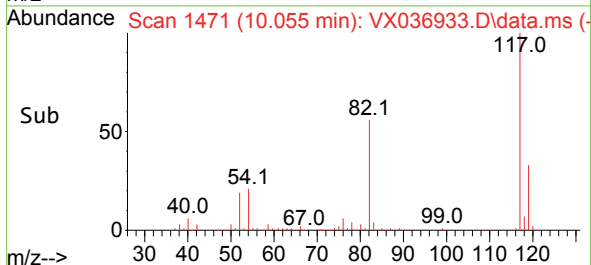
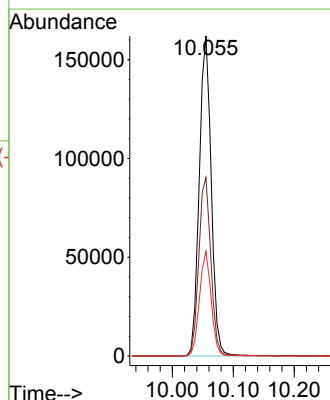
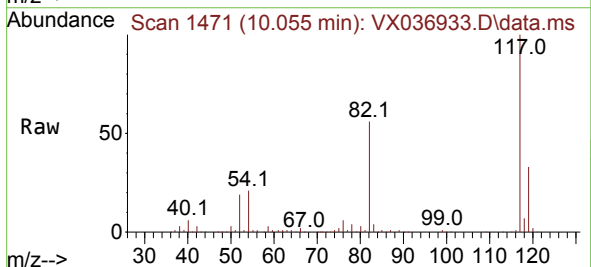
Instrument :
MSVOA_X
ClientSampleId :

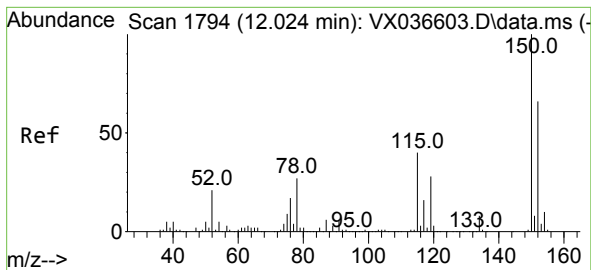
Tgt Ion: 95 Resp: 107237
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion: 117 Resp: 221265
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036933.D

Acq: 11 Aug 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

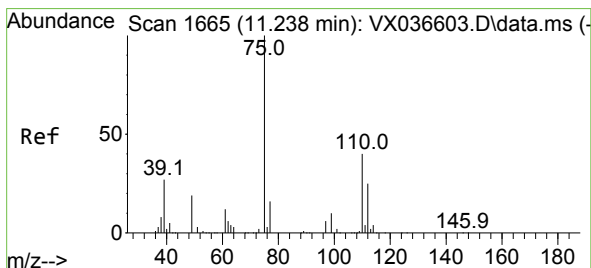
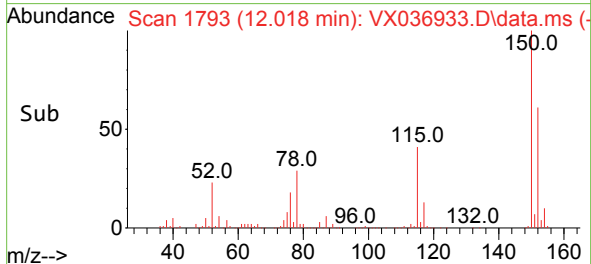
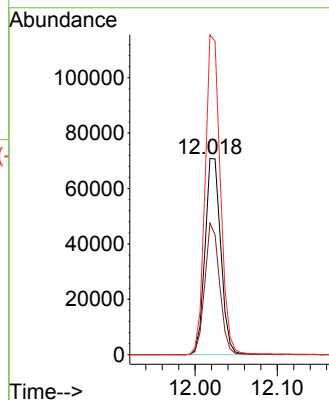
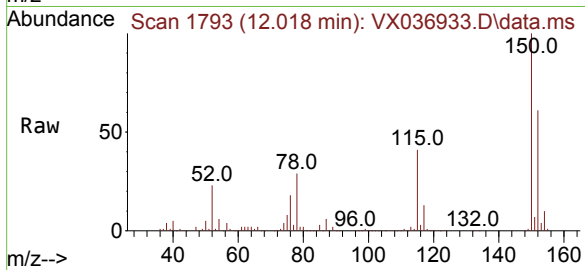
Tgt Ion:152 Resp: 94197

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 158.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.182 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036933.D

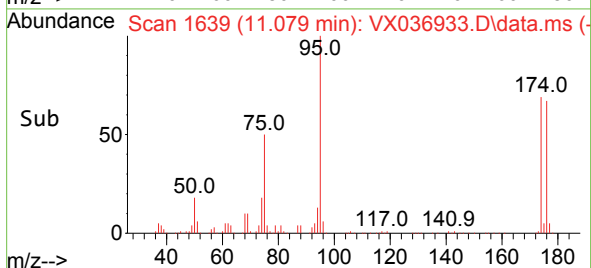
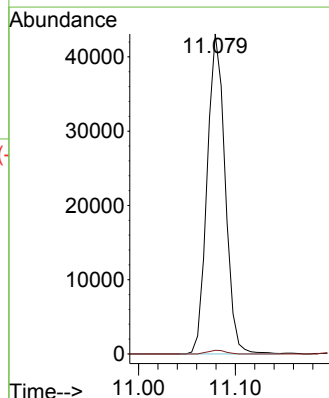
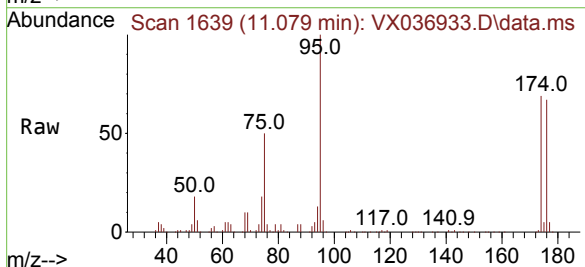
Acq: 11 Aug 2023 12:03

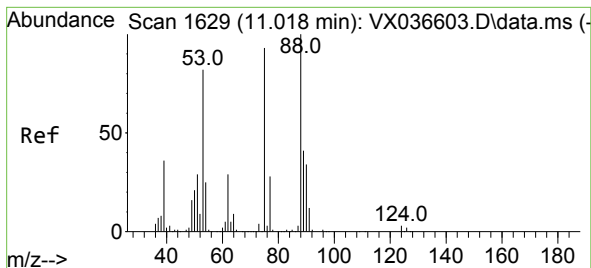
Tgt Ion: 75 Resp: 55793

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

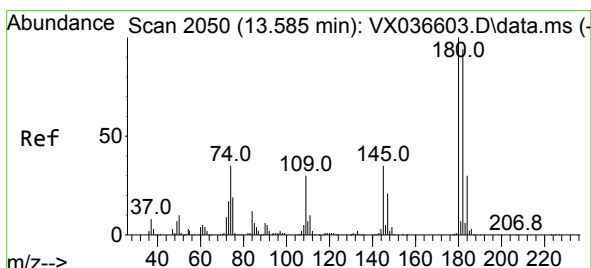
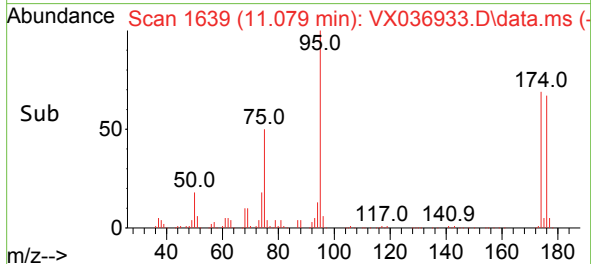
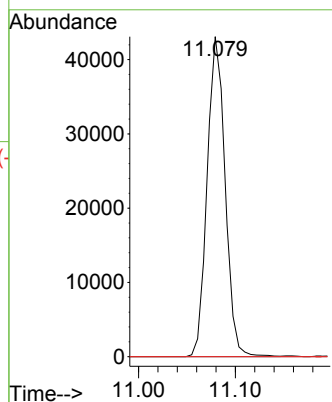
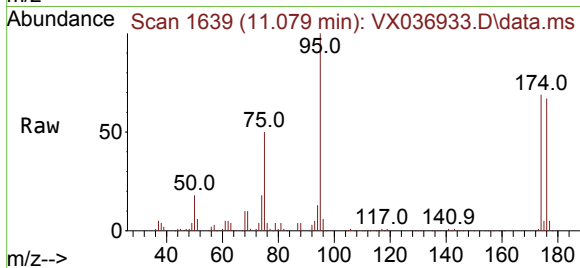




#81
trans-1,4-Dichloro-2-butene
Concen: 57.076 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

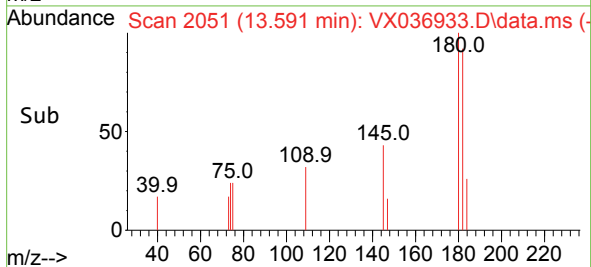
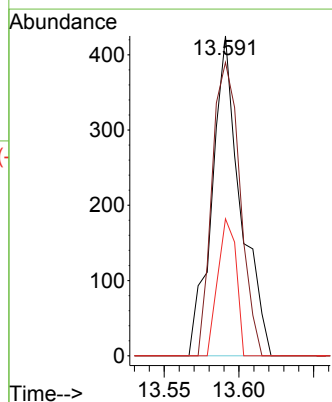
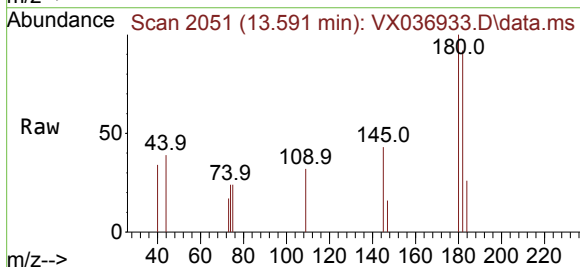
Instrument :
MSVOA_X
ClientSampleId :

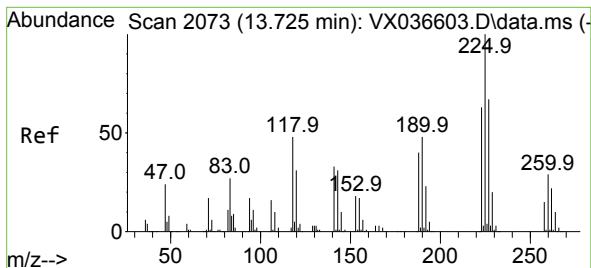
Tgt Ion: 75 Resp: 55793
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.290 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036933.D
Acq: 11 Aug 2023 12:03

Tgt Ion:180 Resp: 566
Ion Ratio Lower Upper
180 100
182 89.4 48.3 144.8
145 27.4 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.645 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036933.D

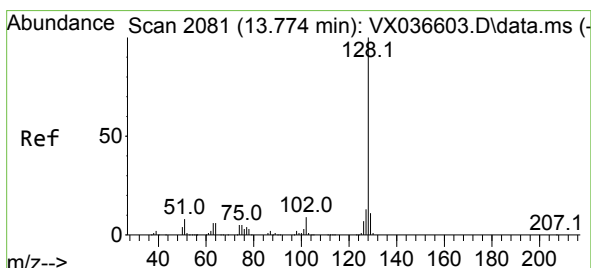
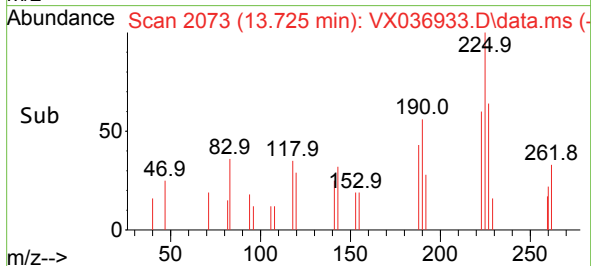
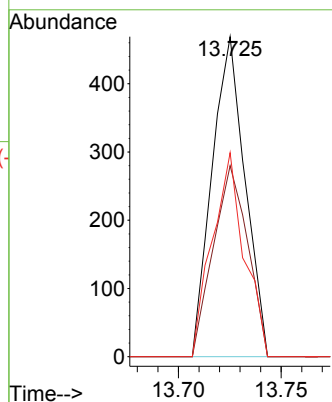
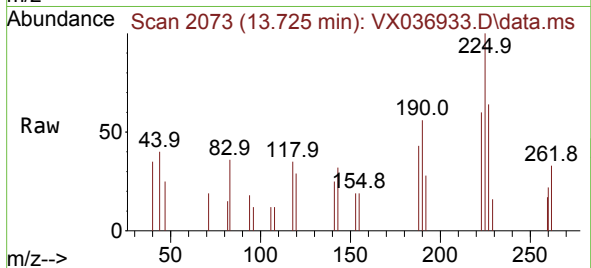
Acq: 11 Aug 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	225	Resp:	522
Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	62.1	32.5	97.5



#95

Naphthalene

Concen: 0.284 ug/l

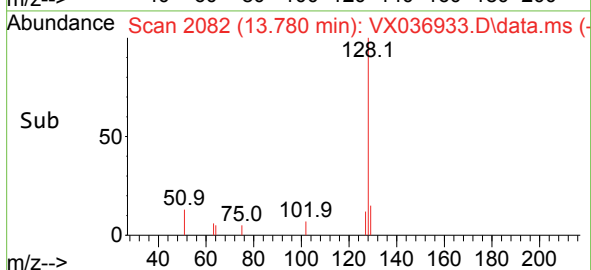
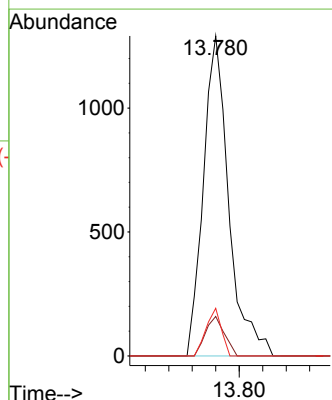
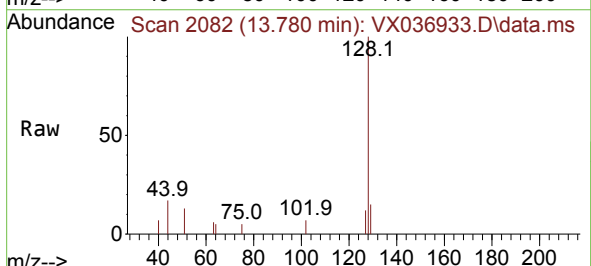
RT: 13.780 min Scan# 2082

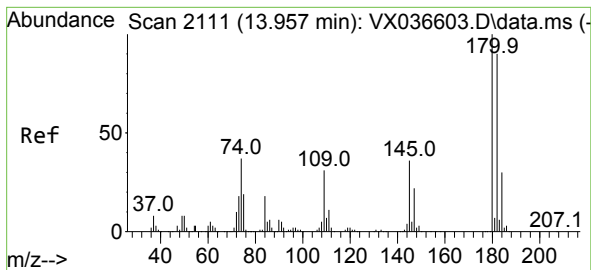
Delta R.T. 0.006 min

Lab File: VX036933.D

Acq: 11 Aug 2023 12:03

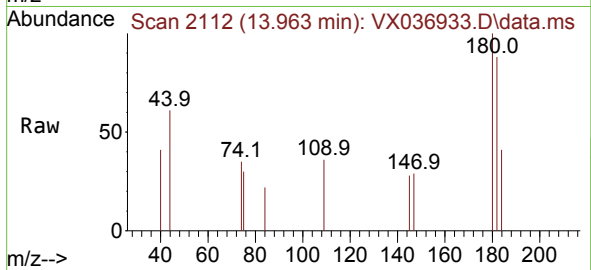
Tgt Ion:	128	Resp:	1938
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.3	15.5#
129	8.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.254 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX036933.D
 Acq: 11 Aug 2023 12:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	489
Ion	Ratio	Lower	Upper
180	100		
182	105.5	46.9	140.6
145	33.7	17.8	53.5

