

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037900.D
 Acq On : 26 Sep 2023 11:12
 Operator : JC/MD
 Sample : VX0926WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

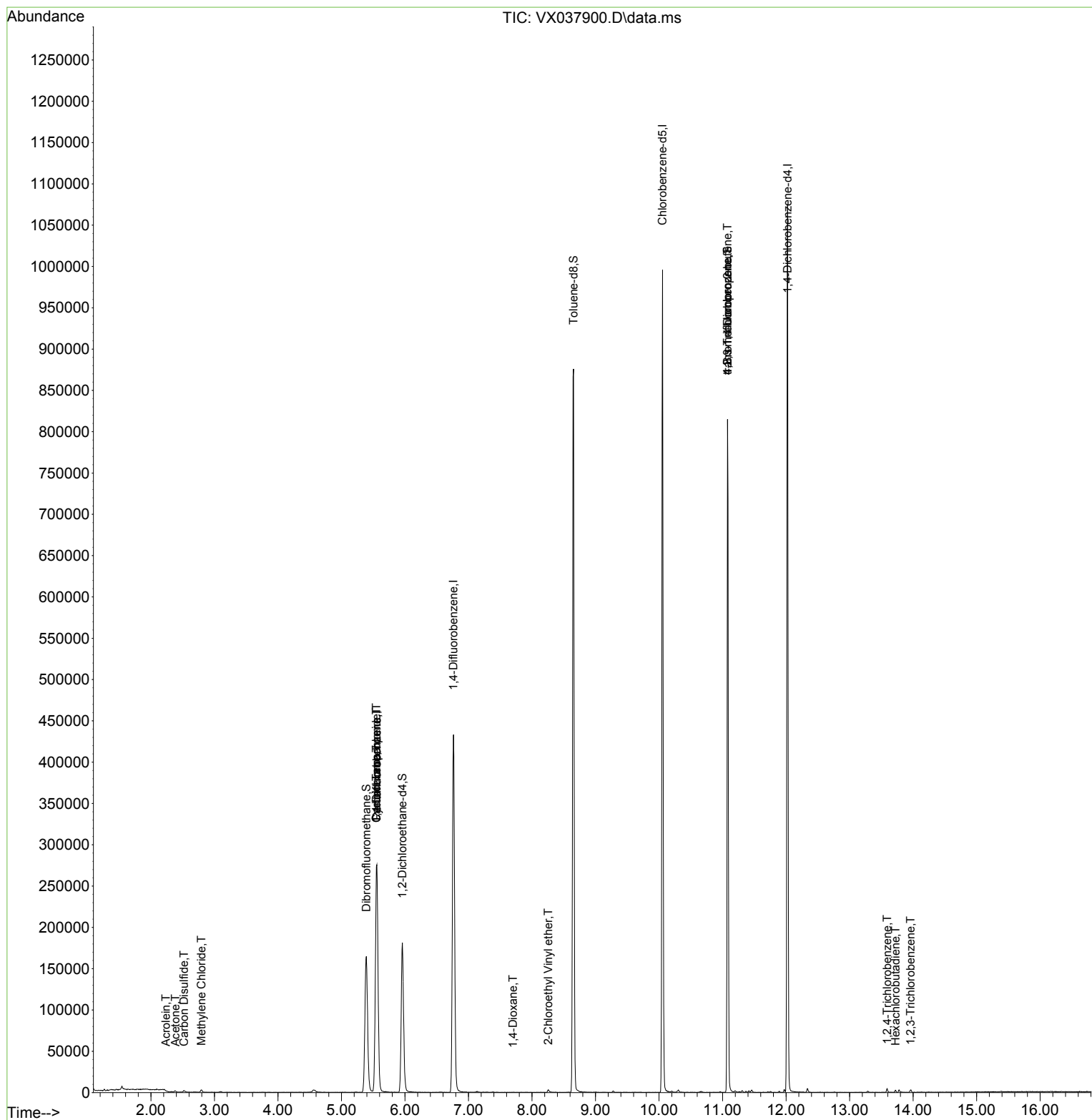
Internal Standards						
1) Pentafluorobenzene	5.556	168	268674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168020	47.598	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	95.200%	
35) Dibromofluoromethane	5.391	113	147040	47.963	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.920%	
50) Toluene-d8	8.653	98	546467	47.974	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	95.940%	
62) 4-Bromofluorobenzene	11.079	95	209638	50.646	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.300%	
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	363	0.485	ug/l	96
16) Acetone	2.386	43	1562	0.920	ug/l #	82
17) Carbon Disulfide	2.520	76	1520	0.231	ug/l #	93
20) Methylene Chloride	2.794	84	1374	0.413	ug/l #	75
31) Cyclohexane	5.550	56	5897	1.302	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20406	4.832	ug/l #	51
38) Carbon Tetrachloride	5.550	117	27695	6.268	ug/l #	15
49) 1,4-Dioxane	7.702	88	51	0.548	ug/l #	12
58) 2-Chloroethyl Vinyl ether	8.256	63	1530	0.622	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	107382	20.301	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	107382	65.031	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1142	0.245	ug/l	85
94) Hexachlorobutadiene	13.725	225	474	0.218	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	977	0.204	ug/l	84

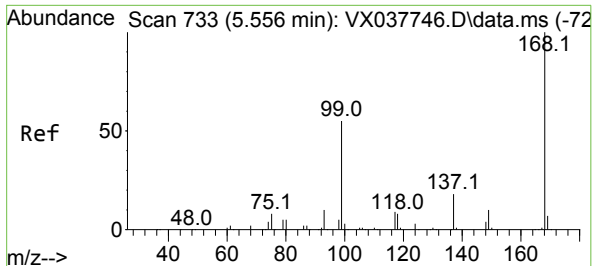
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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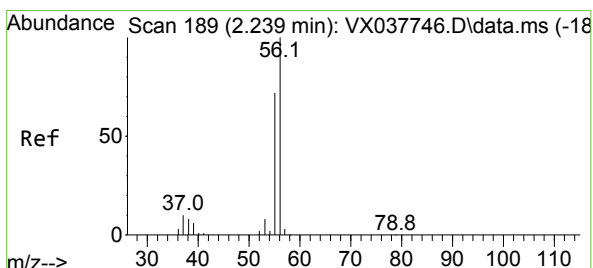
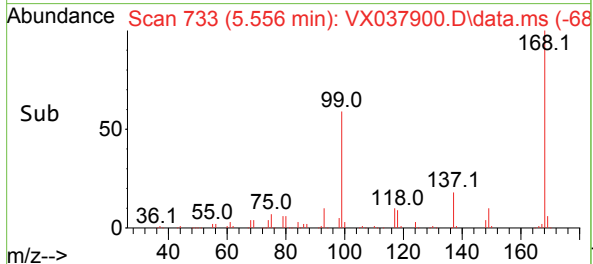
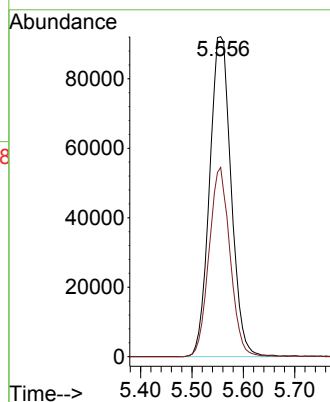
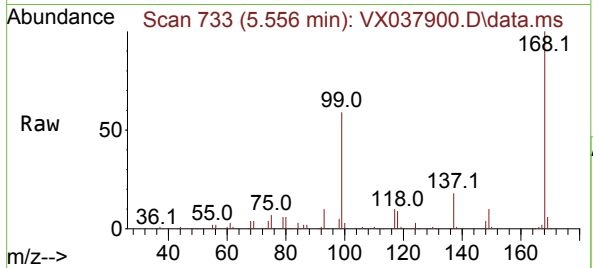




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

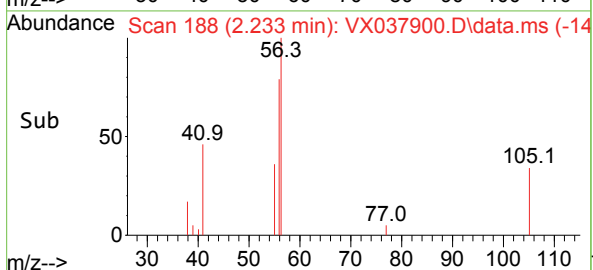
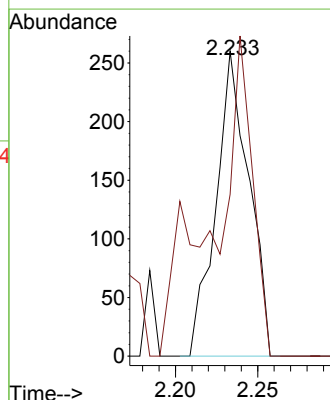
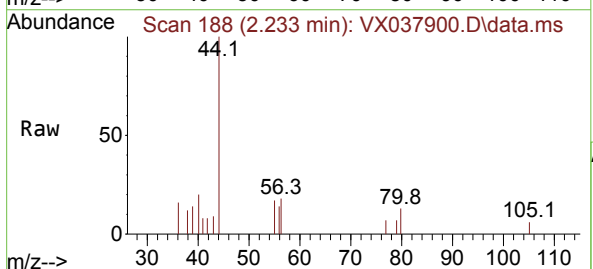
Instrument :
MSVOA_X
ClientSampleId :

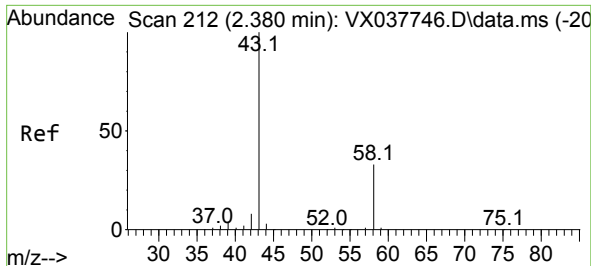
Tgt Ion:168 Resp: 268674
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#13
Acrolein
Concen: 0.485 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Tgt Ion: 56 Resp: 363
Ion Ratio Lower Upper
56 100
55 68.0 57.1 85.7

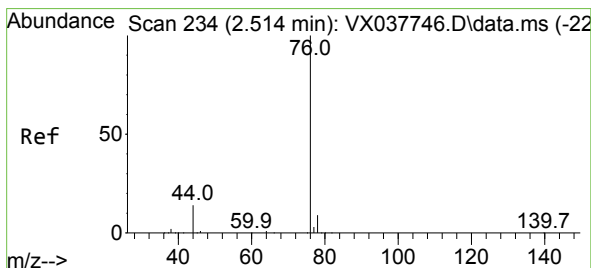
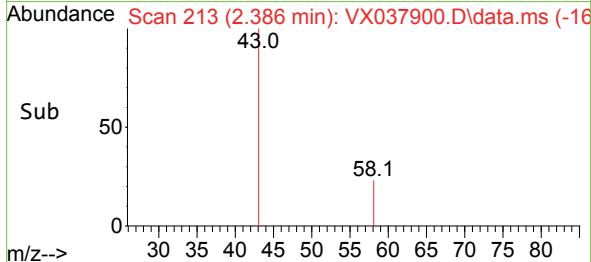
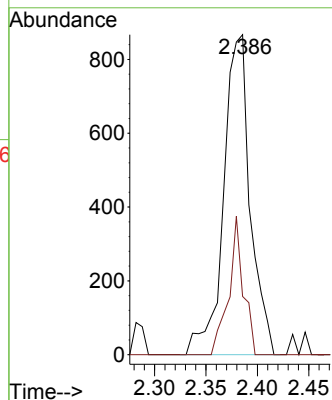
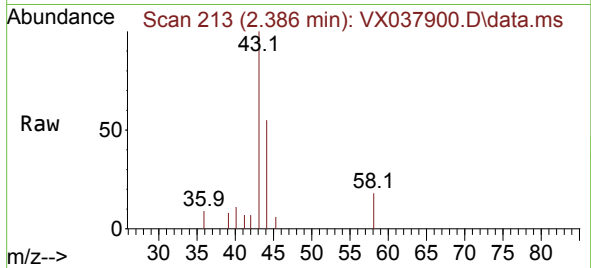




#16
Acetone
Concen: 0.920 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

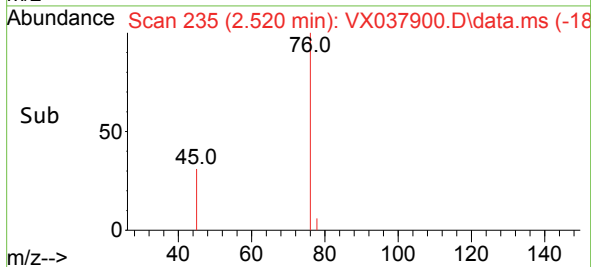
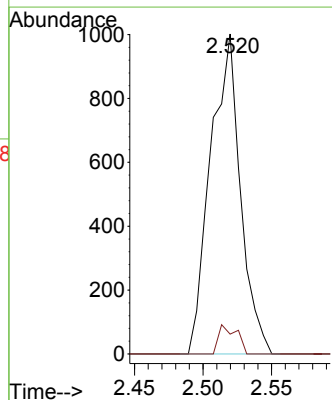
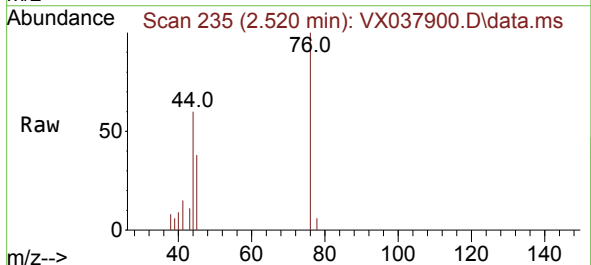
Instrument :
MSVOA_X
ClientSampleId :

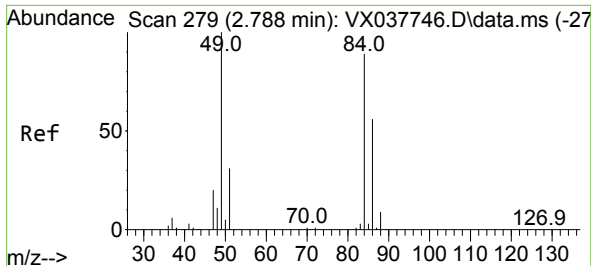
Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
58 18.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

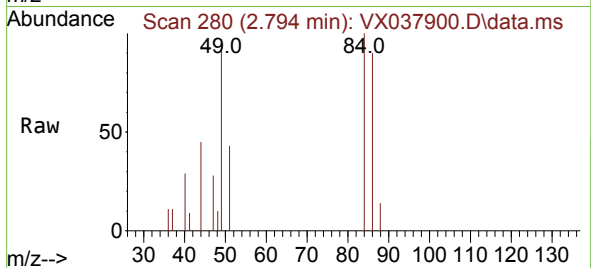
Tgt Ion: 76 Resp: 1520
Ion Ratio Lower Upper
76 100
78 6.2 7.0 10.6#



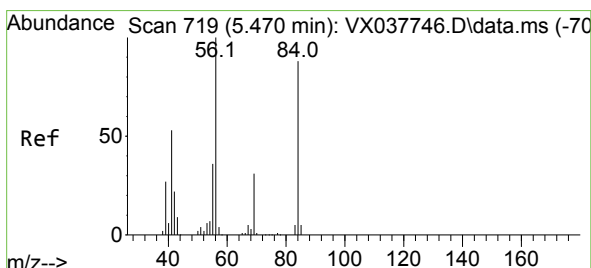
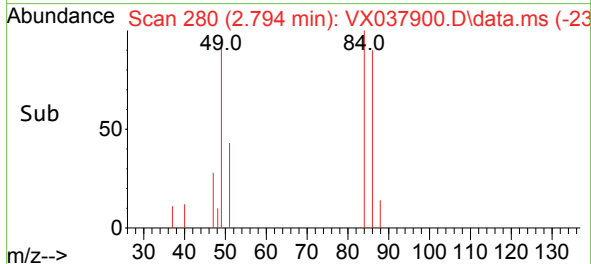
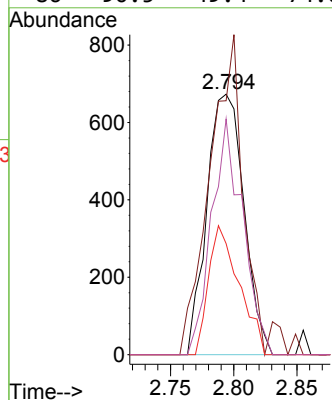


#20
Methylene Chloride
Concen: 0.413 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

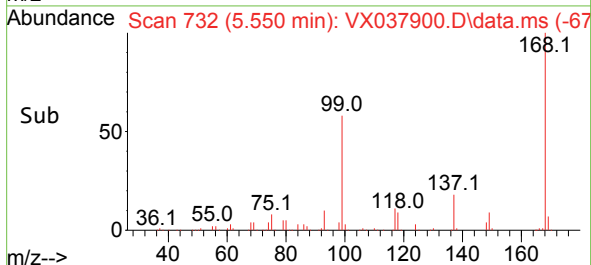
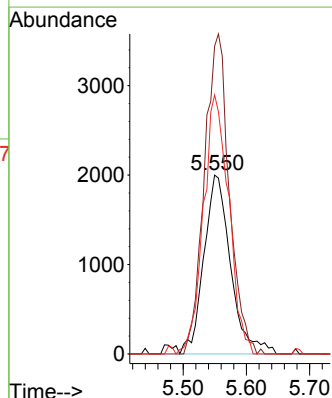
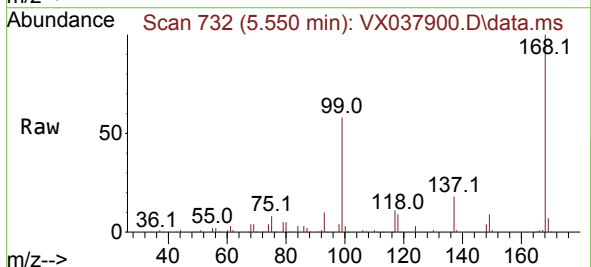


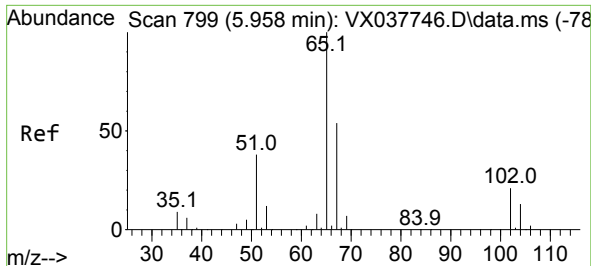
Tgt Ion: 84 Resp: 1374
Ion Ratio Lower Upper
84 100
49 97.5 103.6 155.4#
51 42.6 33.8 50.6
86 90.5 49.4 74.0#



#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Tgt Ion: 56 Resp: 5897
Ion Ratio Lower Upper
56 100
69 172.0 23.4 35.2#
84 144.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.598 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037900.D

Acq: 26 Sep 2023 11:12

Instrument :

MSVOA_X

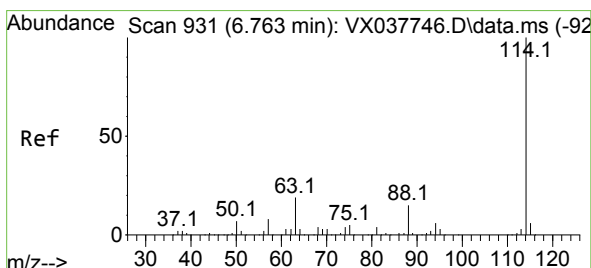
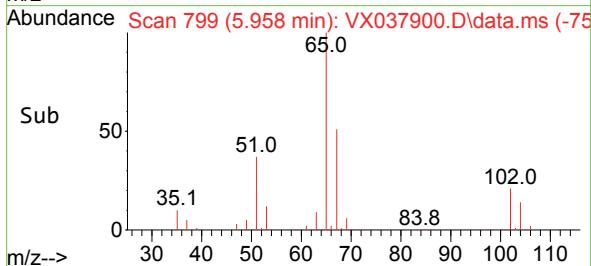
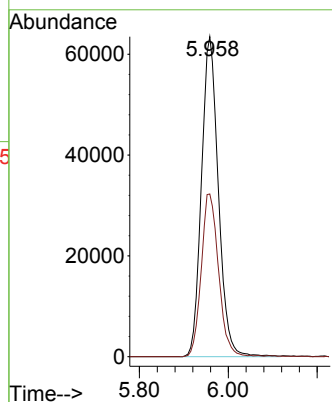
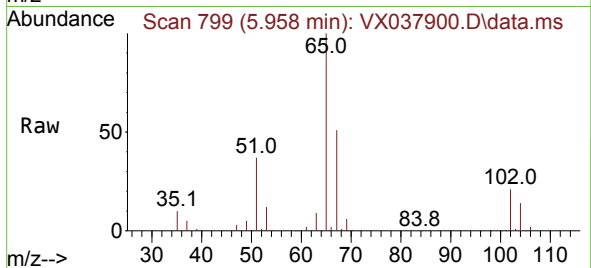
ClientSampleId :

Tgt Ion: 65 Resp: 168020

Ion Ratio Lower Upper

65 100

67 52.1 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: VX037900.D

Acq: 26 Sep 2023 11:12

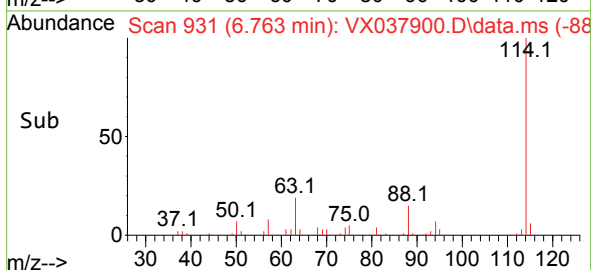
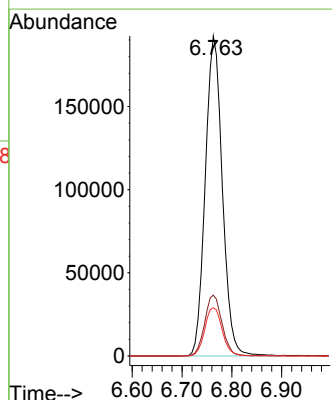
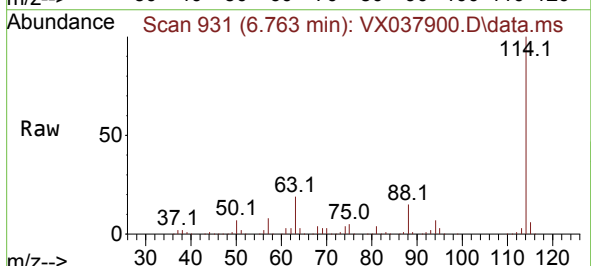
Tgt Ion: 114 Resp: 458179

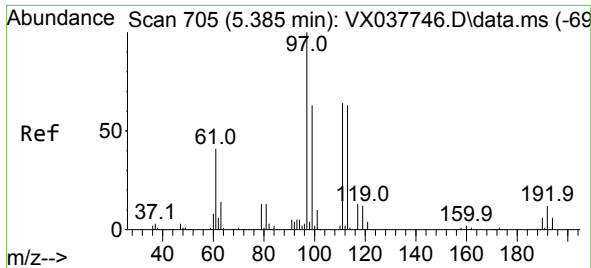
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.0 0.0 36.6

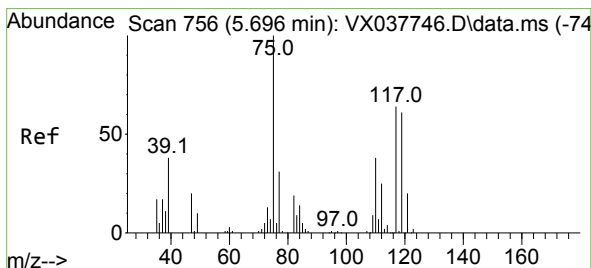
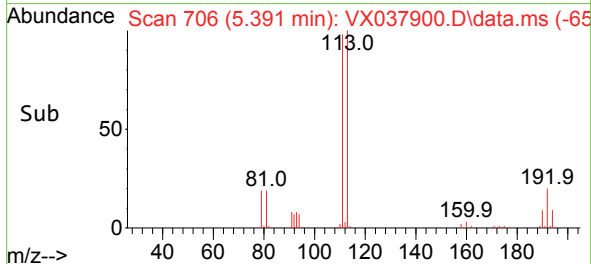
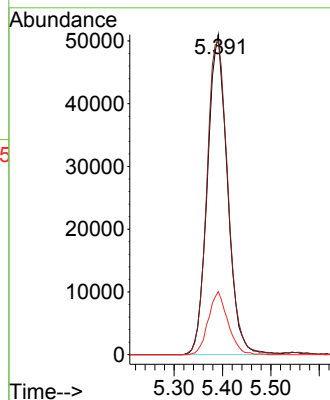
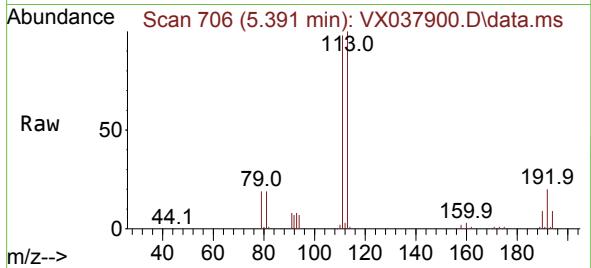




#35
Dibromofluoromethane
Concen: 47.963 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

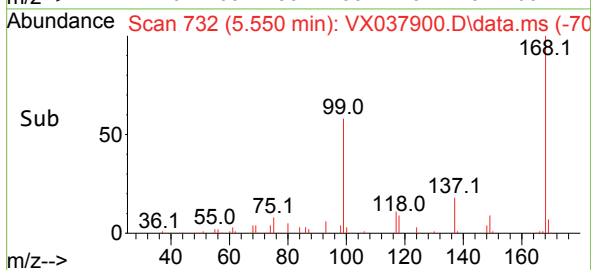
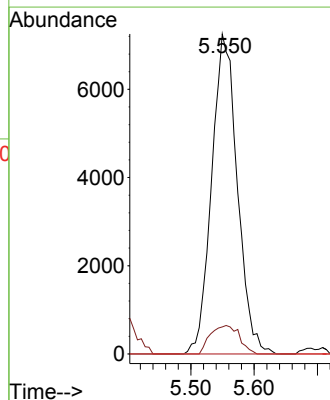
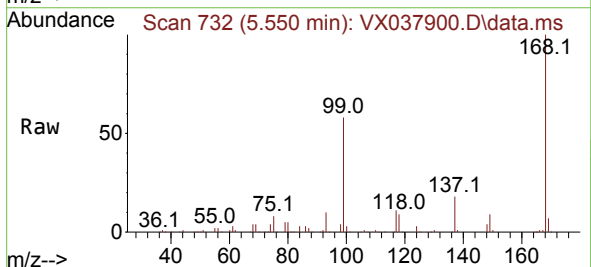
Instrument :
MSVOA_X
ClientSampleId :

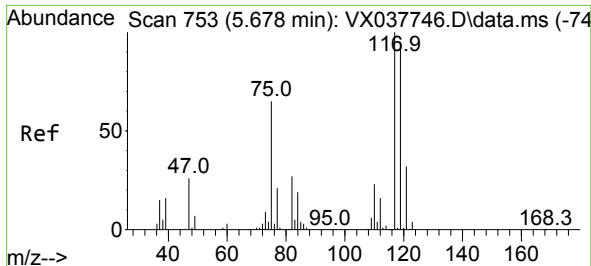
Tgt Ion:113 Resp: 147040
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

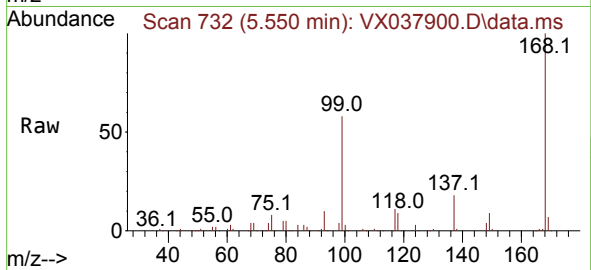
Tgt Ion: 75 Resp: 20406
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



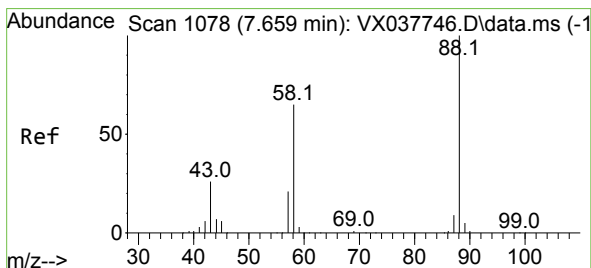
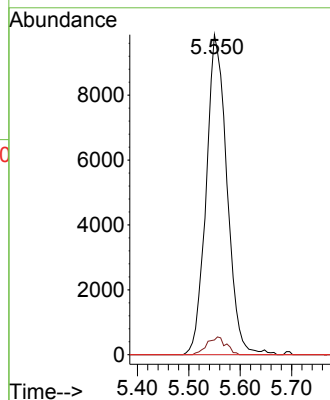
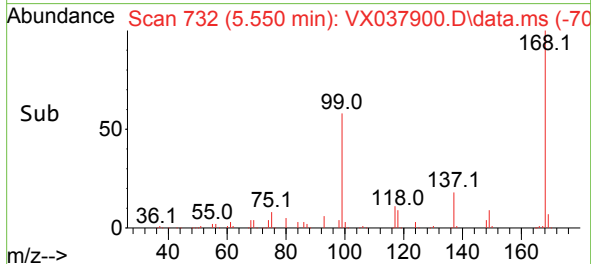


#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

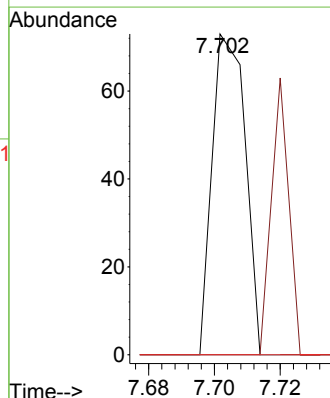
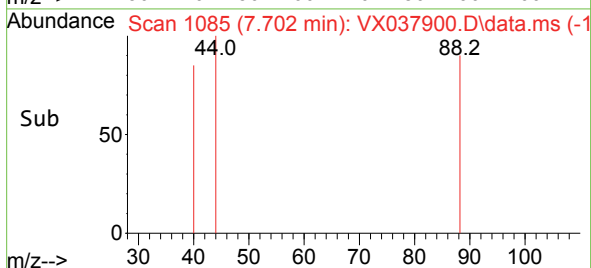
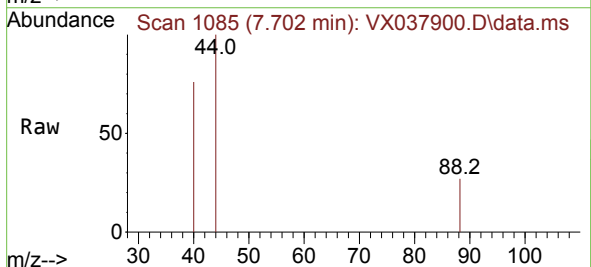


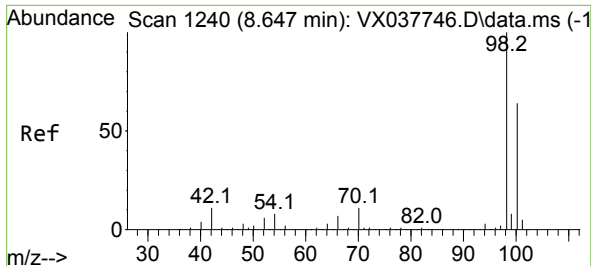
Tgt Ion:117 Resp: 27695
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.548 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.030 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 45.1 0.0 0.0#
58 0.0 60.1 90.1#





#50

Toluene-d8

Concen: 47.974 ug/l

RT: 8.653 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VX037900.D

Acq: 26 Sep 2023 11:12

Instrument :

MSVOA_X

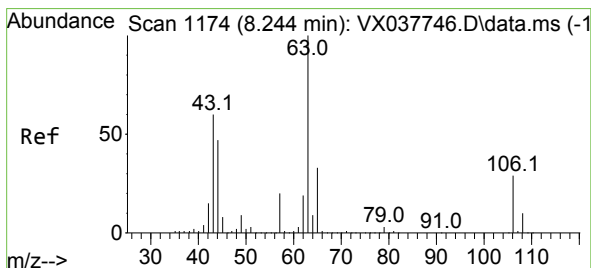
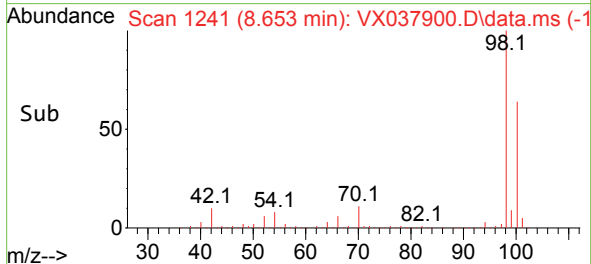
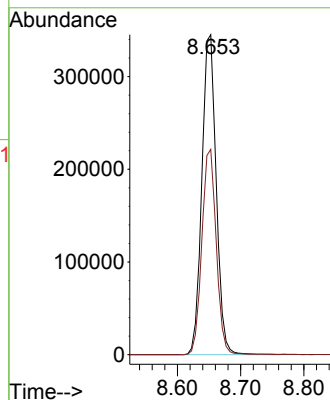
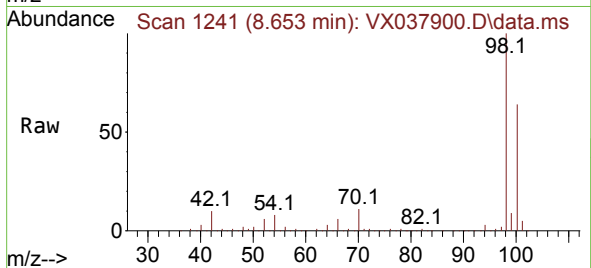
ClientSampleId :

Tgt Ion: 98 Resp: 546467

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#58

2-Chloroethyl Vinyl ether

Concen: 0.622 ug/l

RT: 8.256 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX037900.D

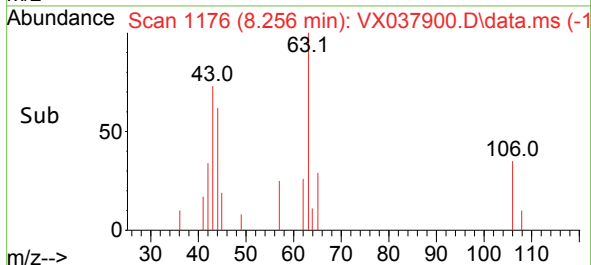
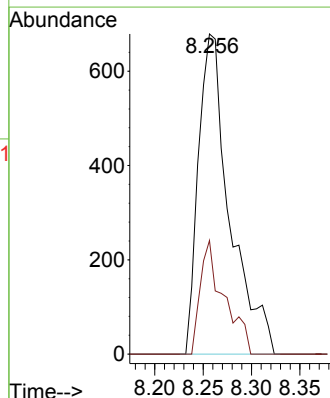
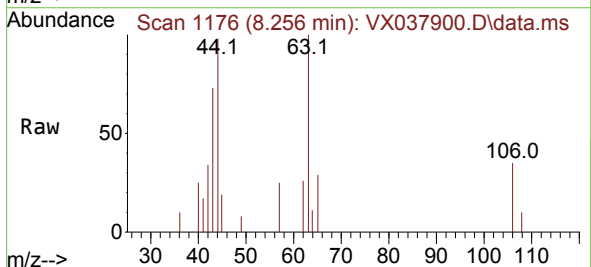
Acq: 26 Sep 2023 11:12

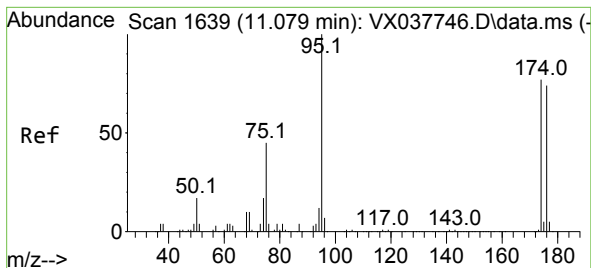
Tgt Ion: 63 Resp: 1530

Ion Ratio Lower Upper

63 100

106 27.1 22.5 33.7

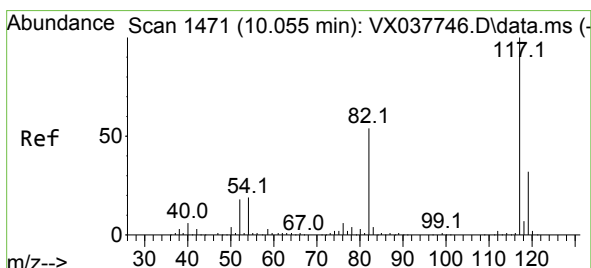
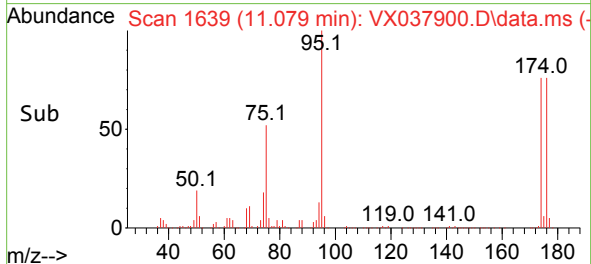
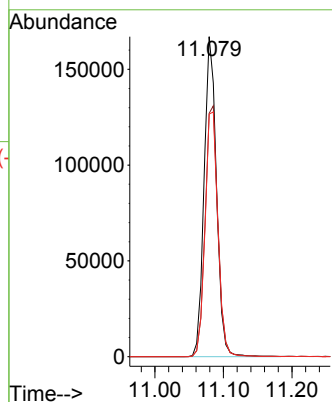
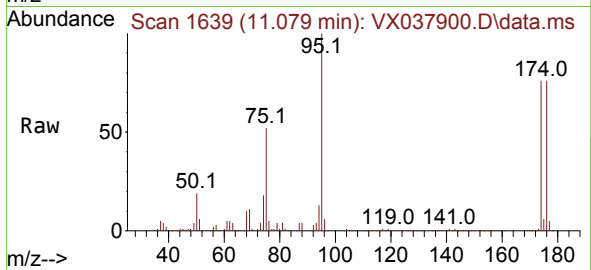




#62
4-Bromofluorobenzene
Concen: 50.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

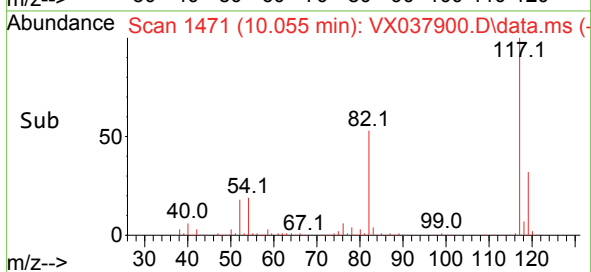
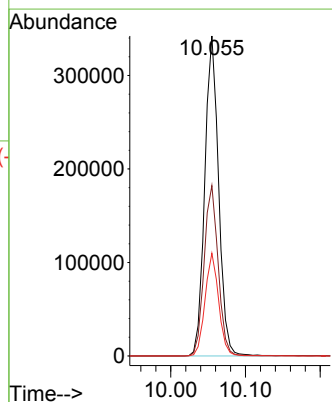
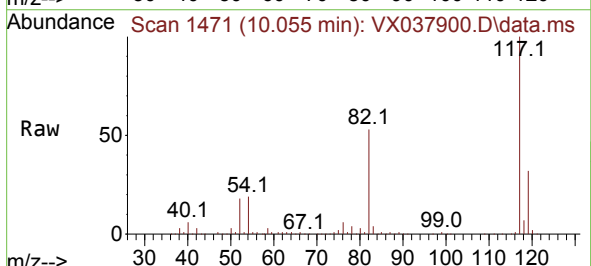
Instrument :
MSVOA_X
ClientSampleId :

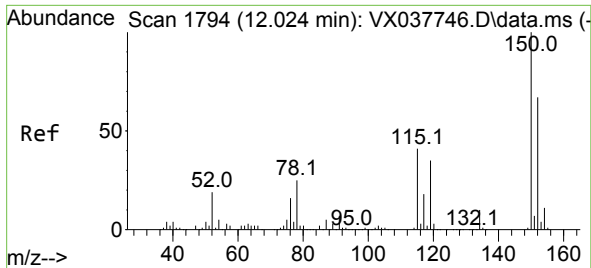
Tgt Ion: 95 Resp: 209638
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 80.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Tgt Ion: 117 Resp: 439771
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.1 25.5 38.3

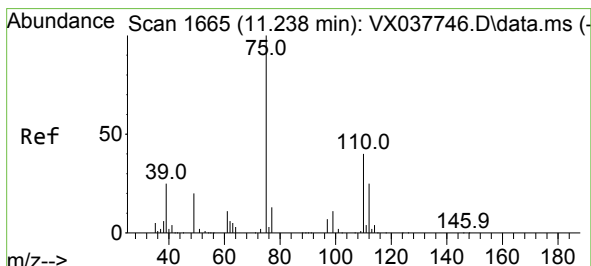
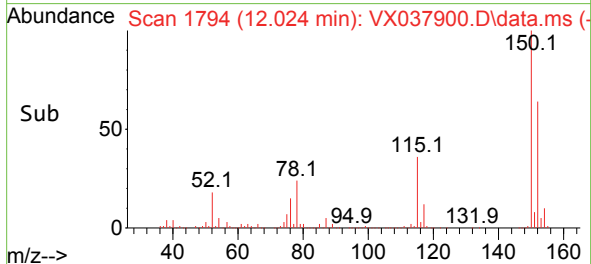
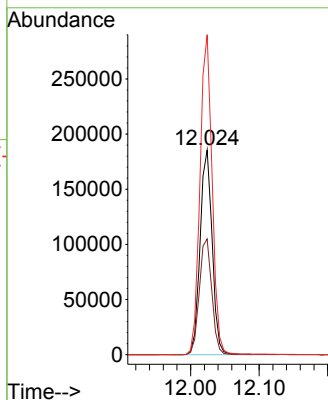
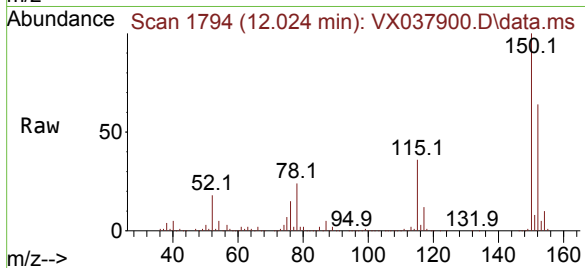




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX037900.D
 Acq: 26 Sep 2023 11:12

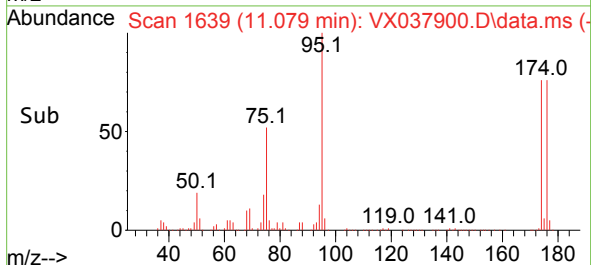
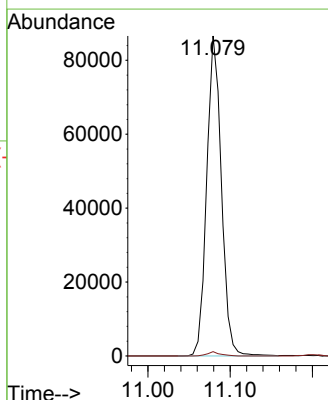
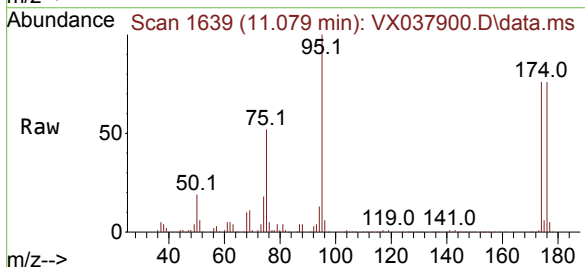
Instrument :
 MSVOA_X
 ClientSampleId :

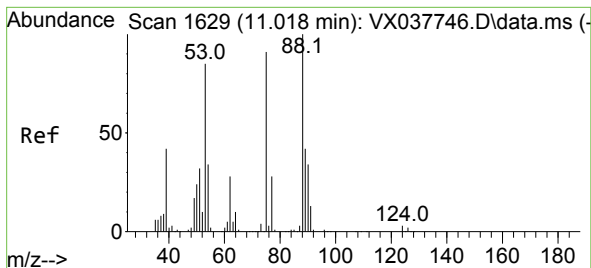
Tgt Ion:152 Resp: 228698
 Ion Ratio Lower Upper
 152 100
 115 58.3 43.3 129.9
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.301 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037900.D
 Acq: 26 Sep 2023 11:12

Tgt Ion: 75 Resp: 107382
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

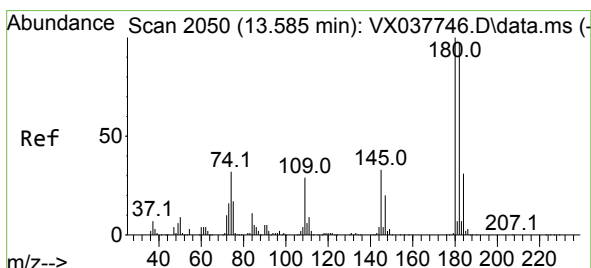
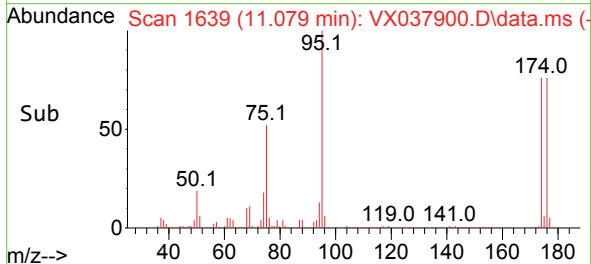
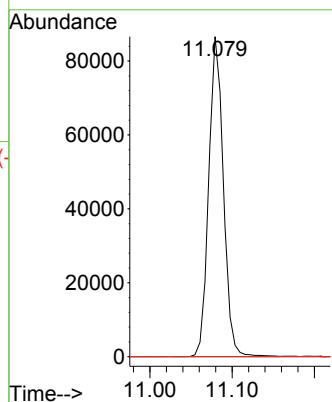
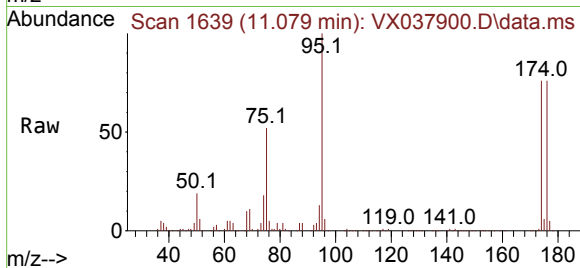




#81
trans-1,4-Dichloro-2-butene
Concen: 65.031 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

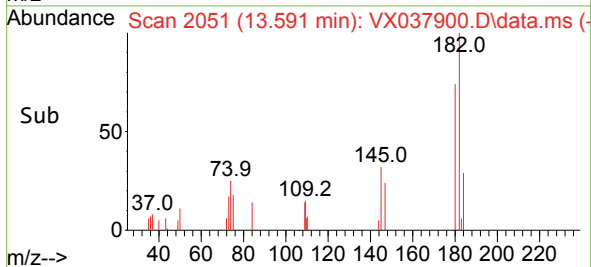
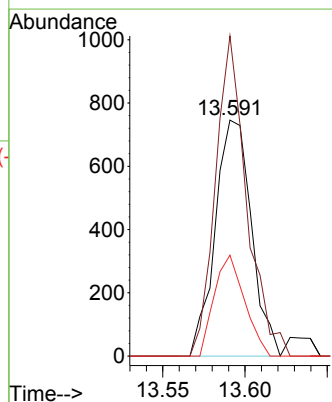
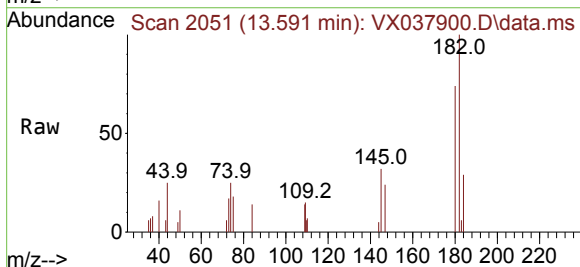
Instrument :
MSVOA_X
ClientSampleId :

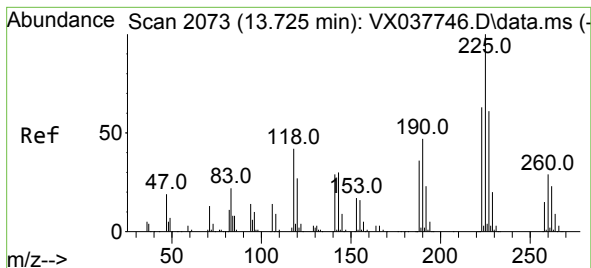
Tgt Ion: 75 Resp: 107382
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.245 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037900.D
Acq: 26 Sep 2023 11:12

Tgt Ion:180 Resp: 1142
Ion Ratio Lower Upper
180 100
182 116.9 48.3 144.8
145 35.8 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.218 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

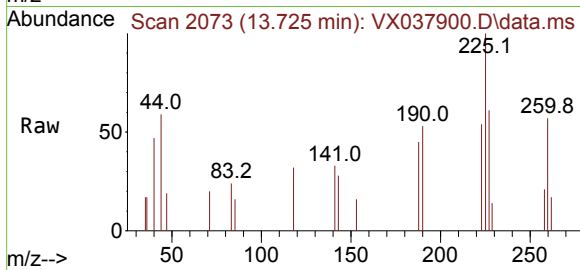
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Acq: 26 Sep 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :



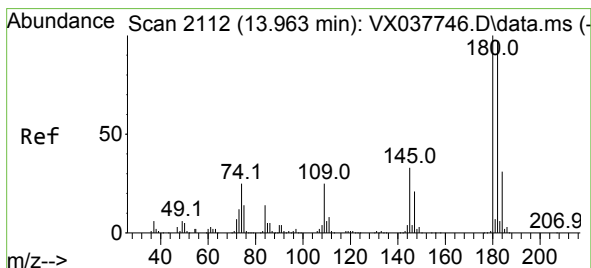
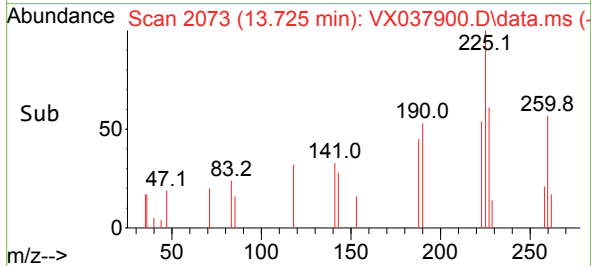
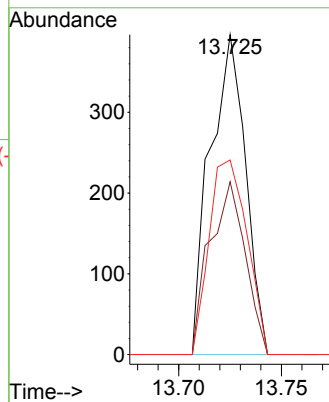
Tgt Ion:225 Resp: 474

Ion Ratio Lower Upper

225 100

223 54.2 31.1 93.2

227 65.2 32.5 97.5



#96

1,2,3-Trichlorobenzene

Concen: 0.204 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037900.D

Acq: 26 Sep 2023 11:12

Tgt Ion:180 Resp: 977

Ion Ratio Lower Upper

180 100

182 111.9 46.9 140.6

145 31.3 17.8 53.5

