

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037826.D
 Acq On : 20 Sep 2023 12:24
 Operator : JC/MD
 Sample : 04491-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 05:55:12 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)

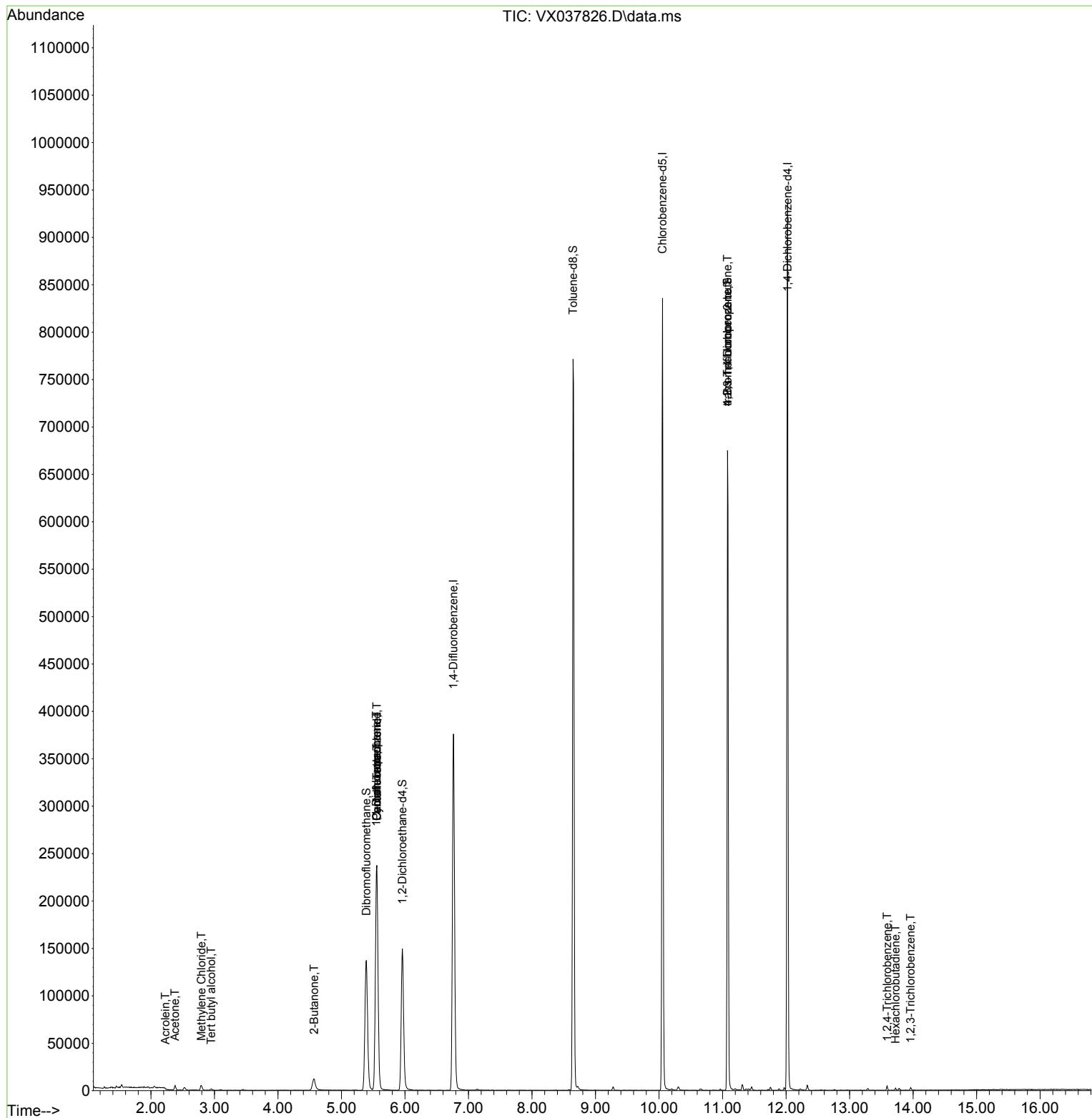
Internal Standards						
1) Pentafluorobenzene	5.556	168	229667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142038	47.072	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.391	113	121398	46.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.360%
50) Toluene-d8	8.647	98	474308	48.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.079	95	179819	50.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	905	1.397	ug/l #	88
13) Acrolein	2.227	56	175	0.273	ug/l	91
16) Acetone	2.380	43	4669	3.216	ug/l #	86
20) Methylene Chloride	2.794	84	2414	0.875	ug/l #	85
25) 2-Butanone	4.568	43	882	0.431	ug/l #	90
31) Cyclohexane	5.556	56	4892	1.263	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	17873	4.935	ug/l #	50
38) Carbon Tetrachloride	5.556	117	23119	6.101	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	90702	19.929	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	90702	63.841	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1353	0.338	ug/l	93
94) Hexachlorobutadiene	13.725	225	425	0.227	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	834	0.202	ug/l	91

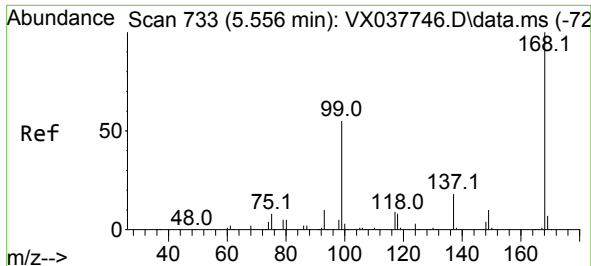
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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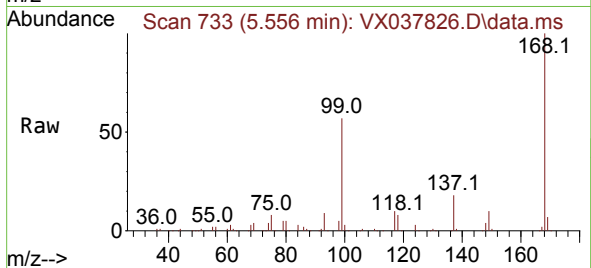
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



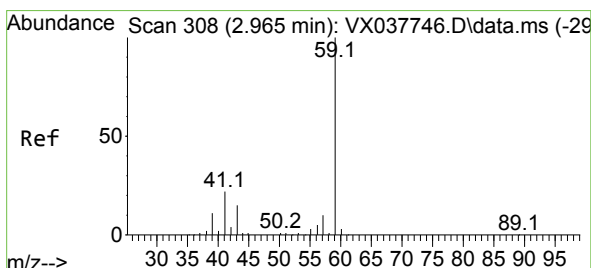
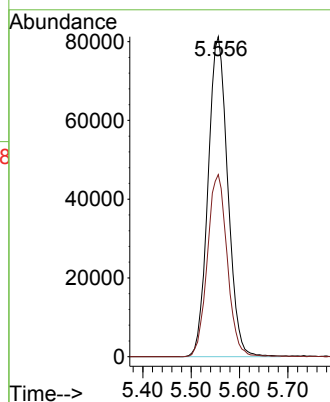
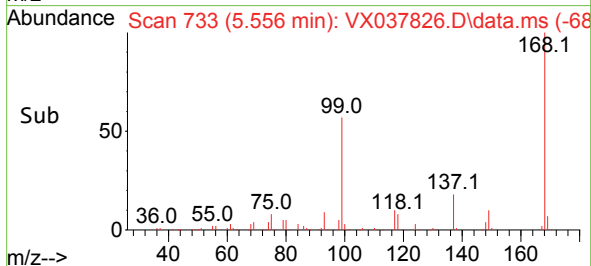


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

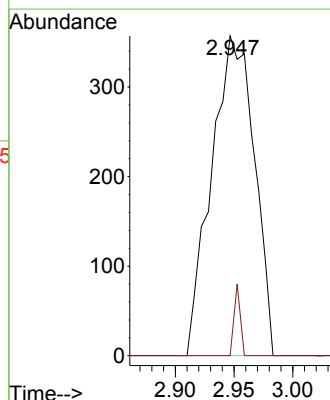
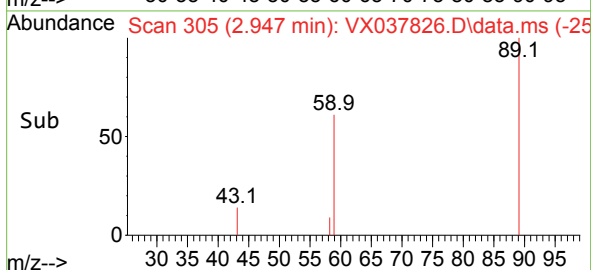
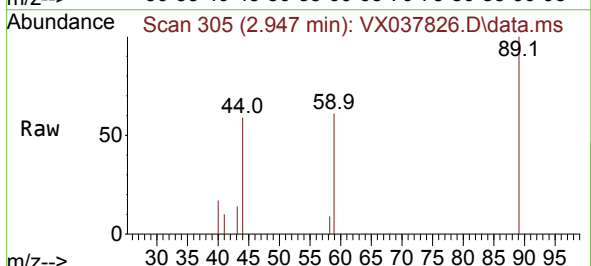


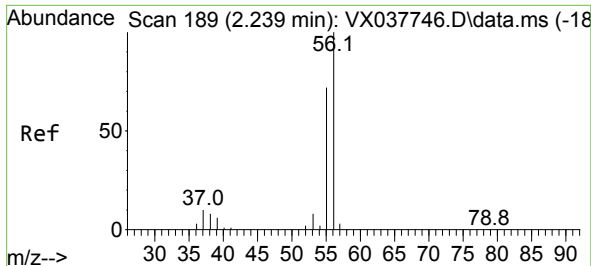
Tgt Ion:168 Resp: 229667
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.397 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 59 Resp: 905
Ion Ratio Lower Upper
59 100
57 3.2 6.0 9.0#

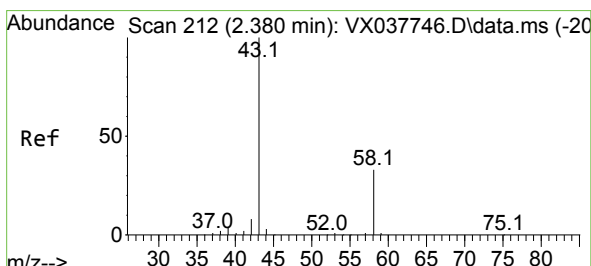
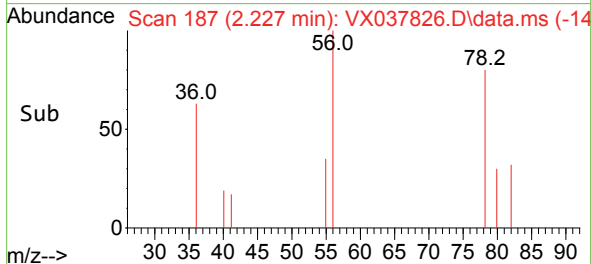
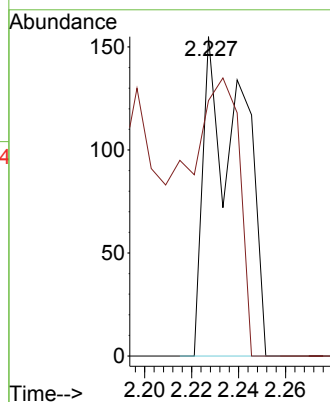
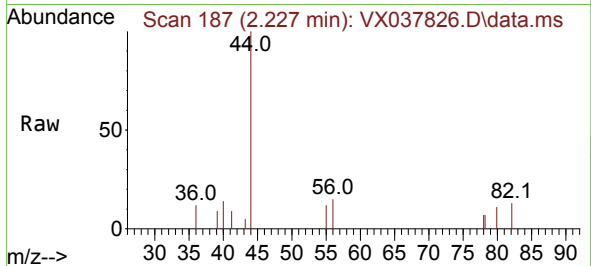




#13
Acrolein
Concen: 0.273 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

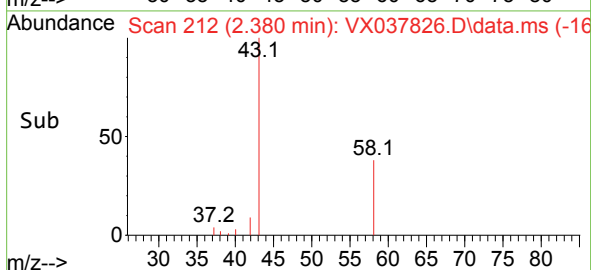
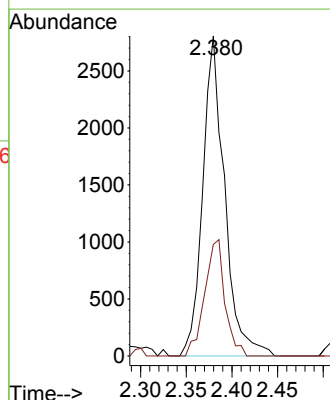
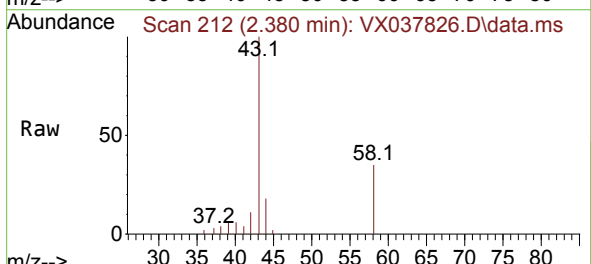
Instrument :
MSVOA_X
ClientSampleId :

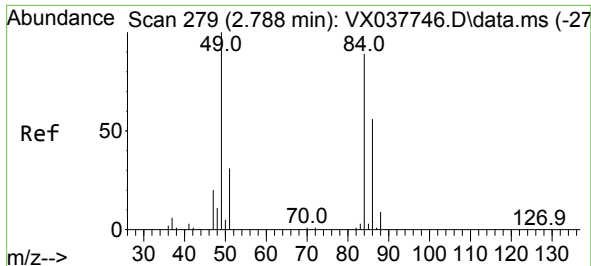
Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 78.9 57.1 85.7



#16
Acetone
Concen: 3.216 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

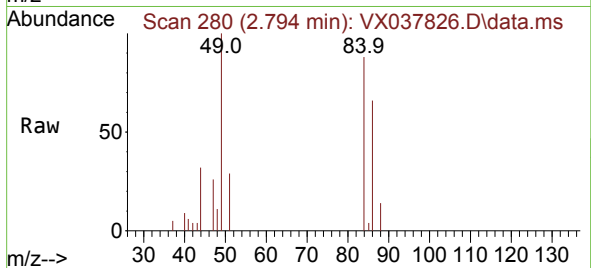
Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



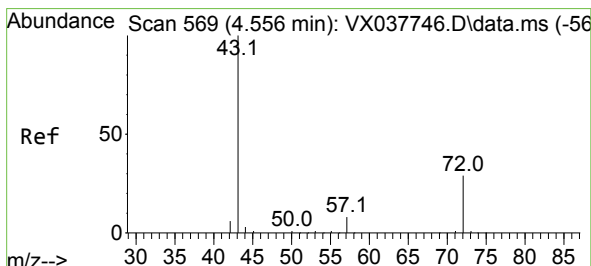
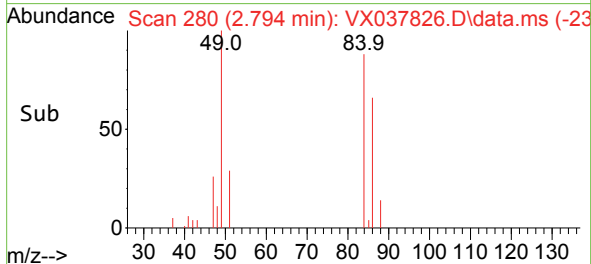
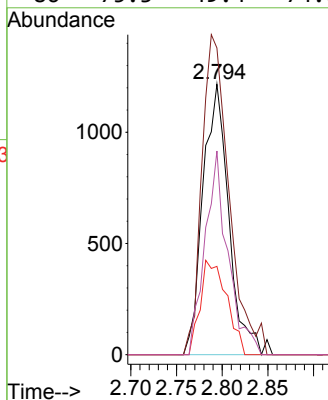


#20
Methylene Chloride
Concen: 0.875 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

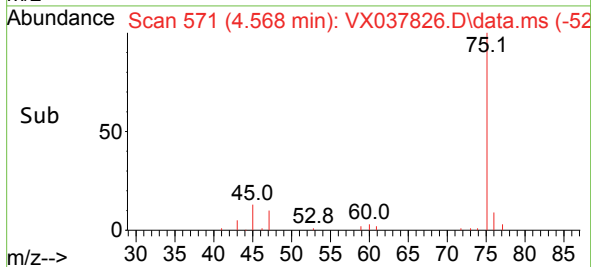
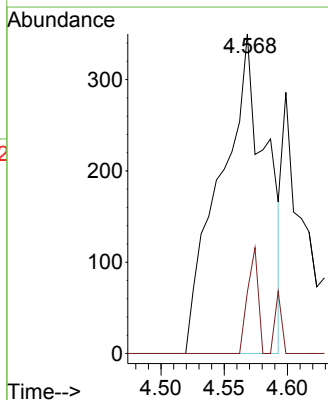
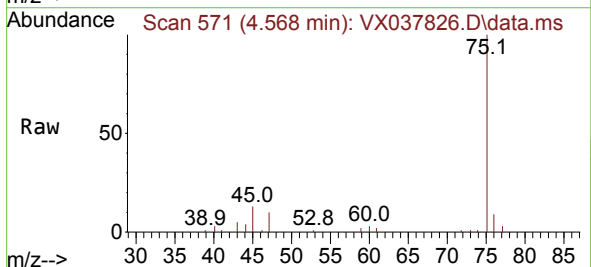


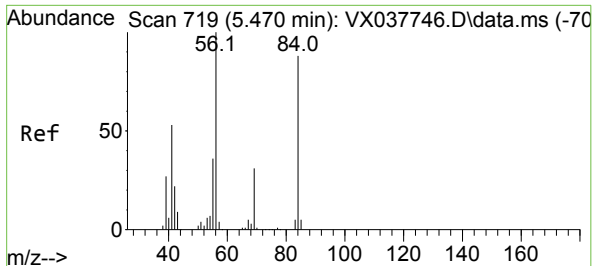
Tgt Ion:	84	Resp:	2414
Ion	Ratio	Lower	Upper
84	100		
49	113.4	103.6	155.4
51	32.6	33.8	50.6#
86	75.3	49.4	74.0#



#25
2-Butanone
Concen: 0.431 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

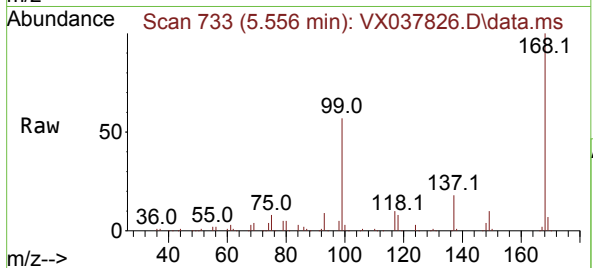
Tgt Ion:	43	Resp:	882
Ion	Ratio	Lower	Upper
43	100		
72	19.1	19.4	29.2#



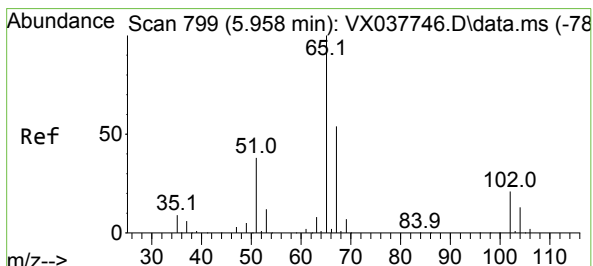
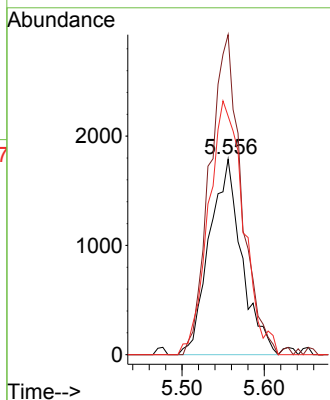
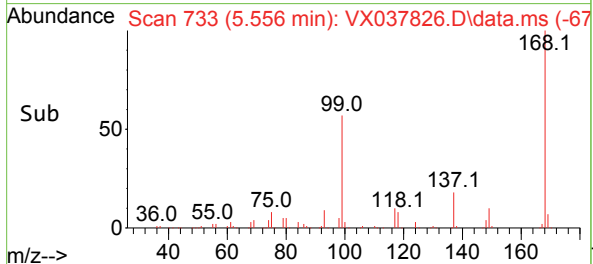


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

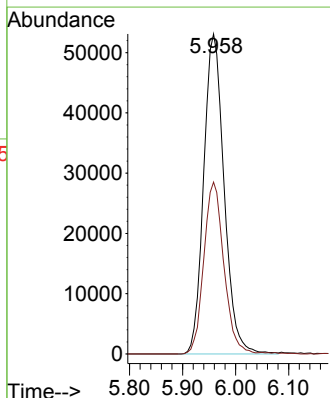
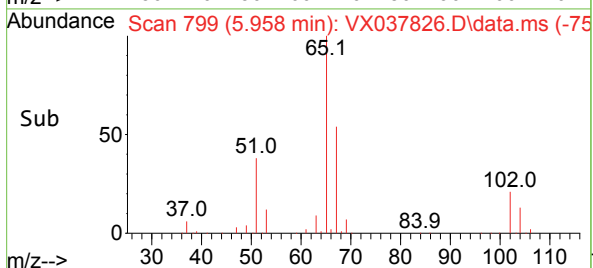
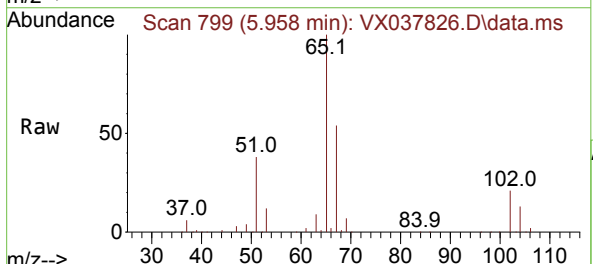


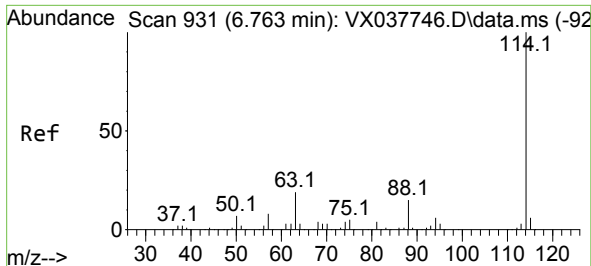
Tgt Ion: 56 Resp: 4892
Ion Ratio Lower Upper
56 100
69 163.6 23.4 35.2#
84 122.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.072 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 65 Resp: 142038
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

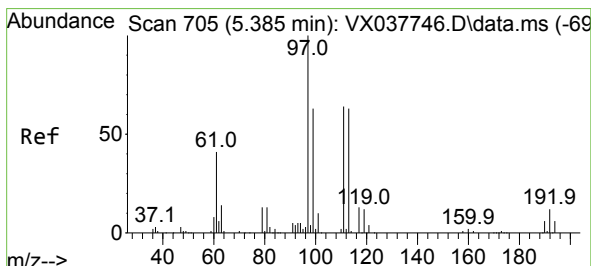
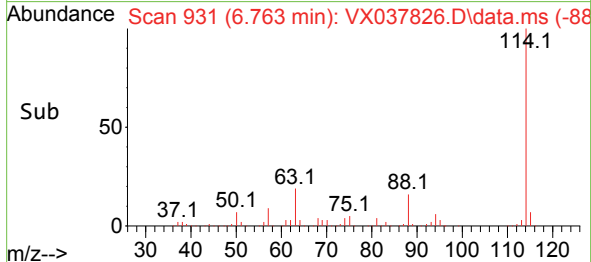
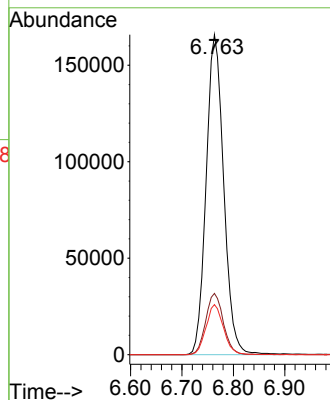
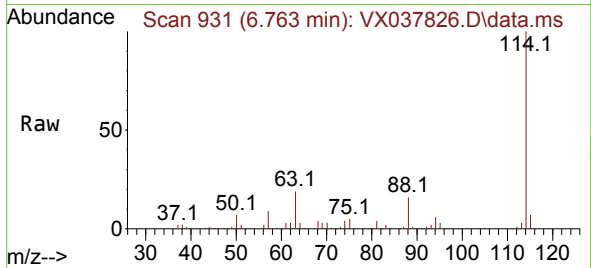




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

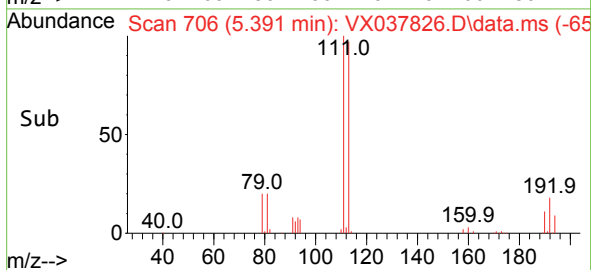
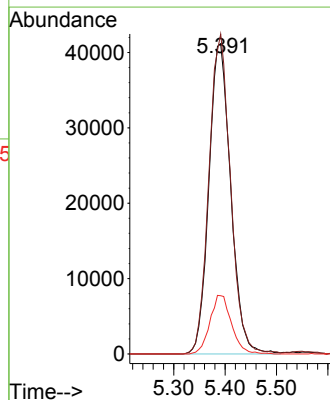
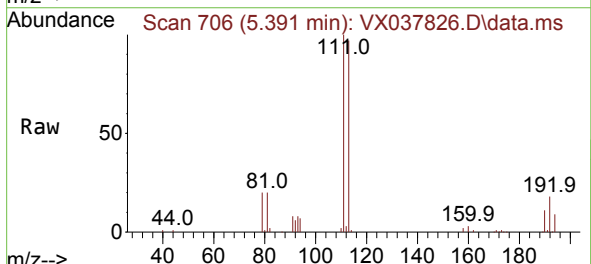
Instrument :
MSVOA_X
ClientSampleId :

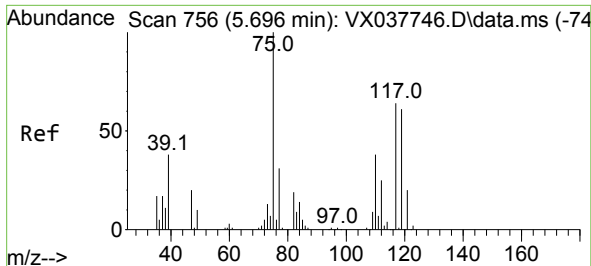
Tgt Ion:114 Resp: 392916
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.176 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Tgt Ion:113 Resp: 121398
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.7 13.3 19.9

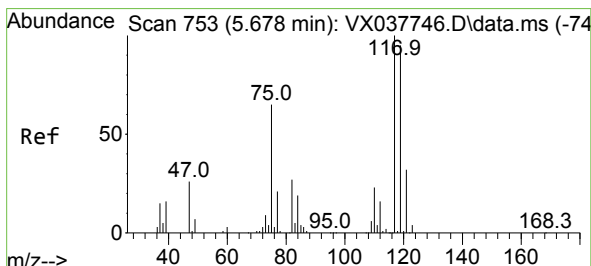
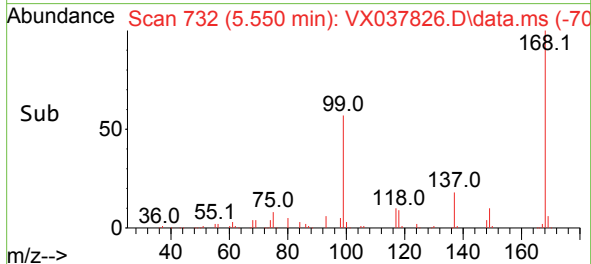
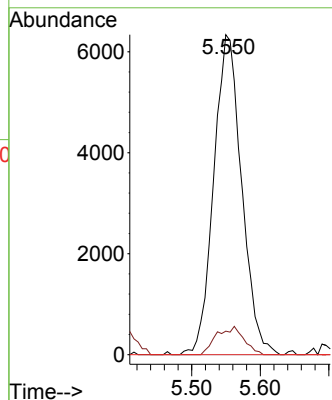
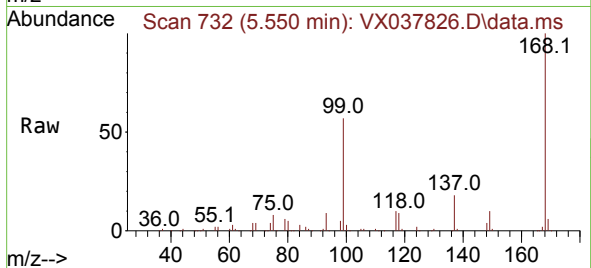




#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

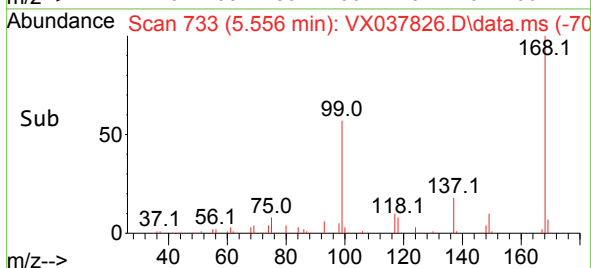
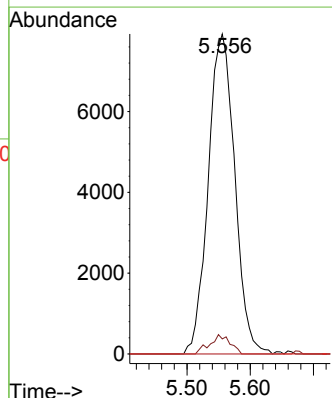
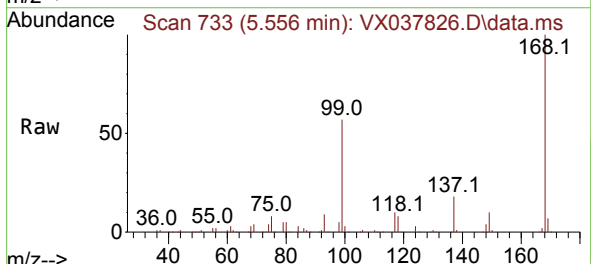
Instrument :
MSVOA_X
ClientSampleId :

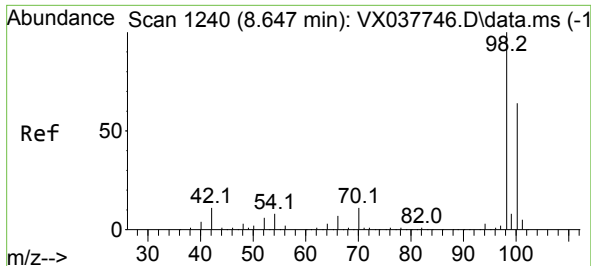
Tgt Ion: 75 Resp: 17873
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 117 Resp: 23119
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

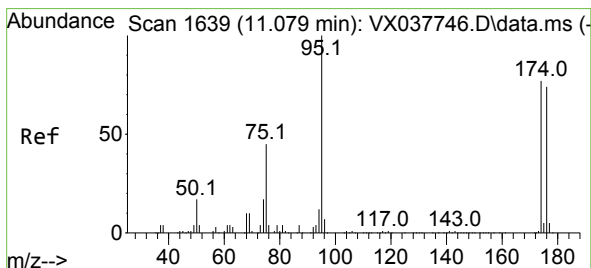
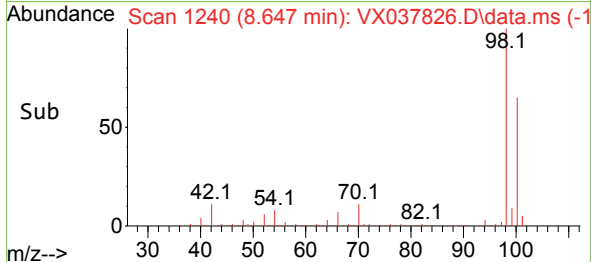
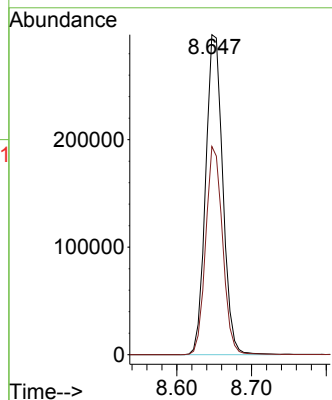
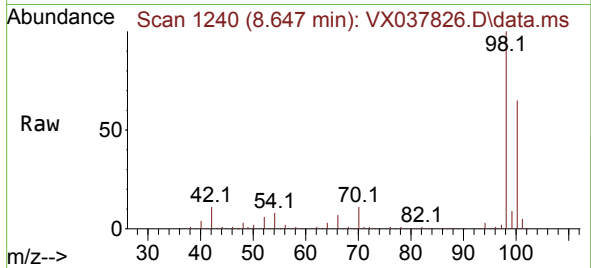




#50
Toluene-d8
Concen: 48.555 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

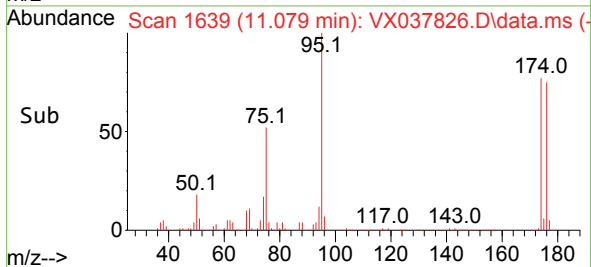
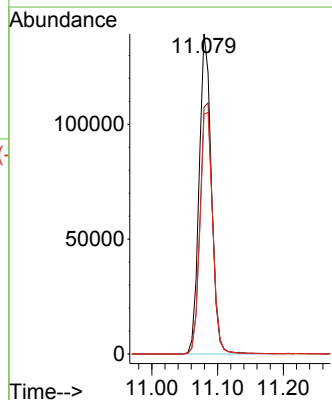
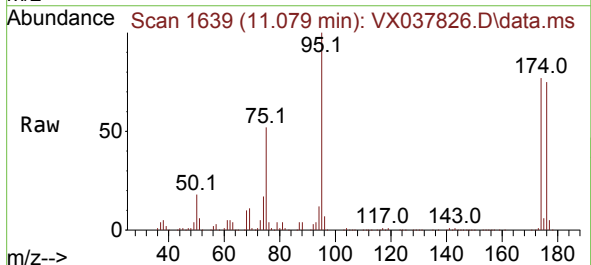
Instrument :
MSVOA_X
ClientSampleId :

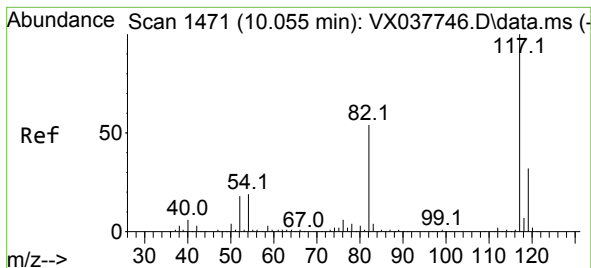
Tgt Ion: 98 Resp: 474308
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 95 Resp: 179819
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.6 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: VX037826.D

Acq: 20 Sep 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

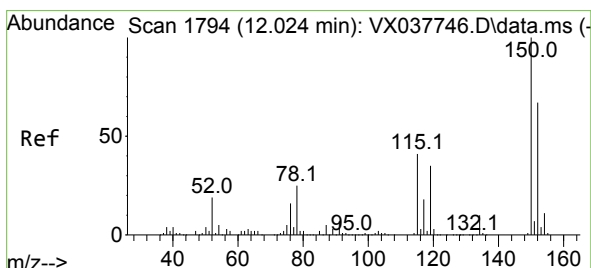
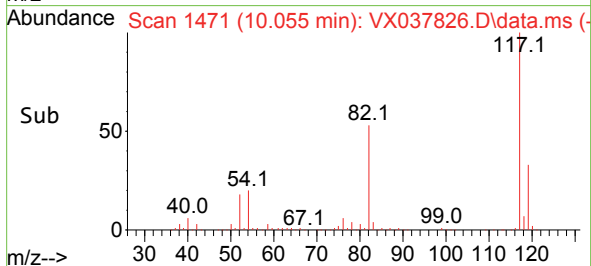
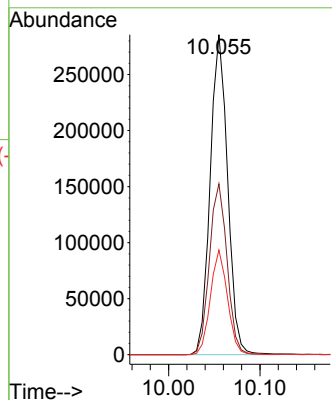
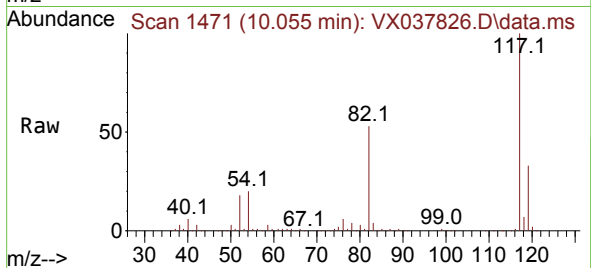
Tgt Ion:117 Resp: 377494

Ion Ratio Lower Upper

117 100

82 53.4 46.2 69.4

119 32.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037826.D

Acq: 20 Sep 2023 12:24

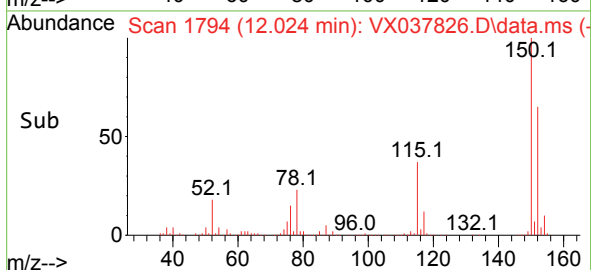
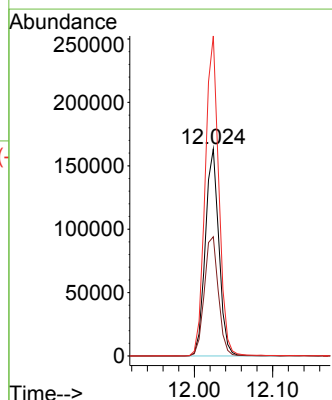
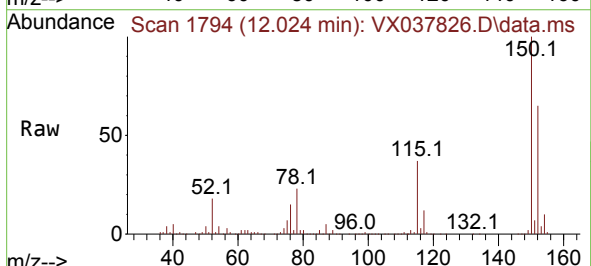
Tgt Ion:152 Resp: 196773

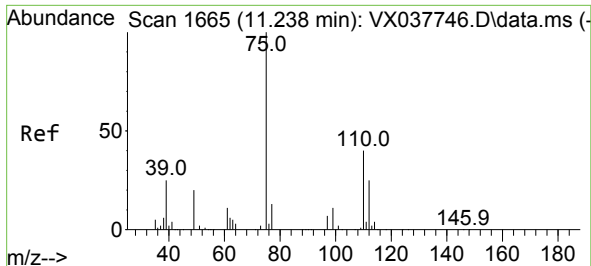
Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 155.3 0.0 345.0

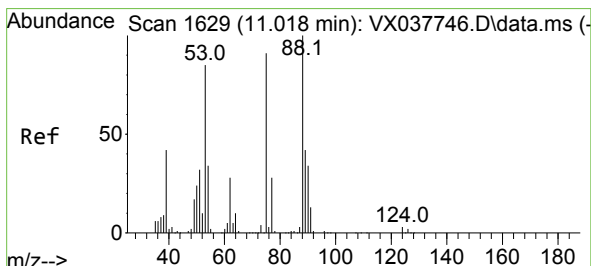
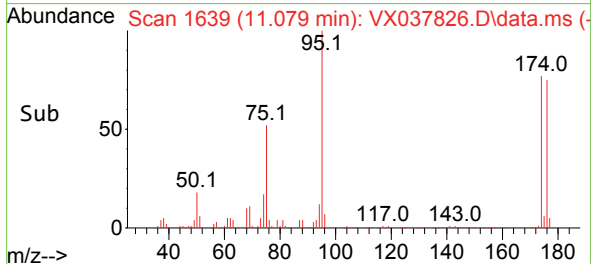
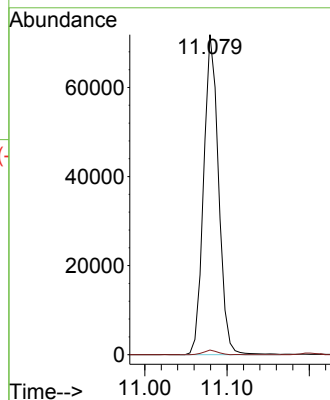
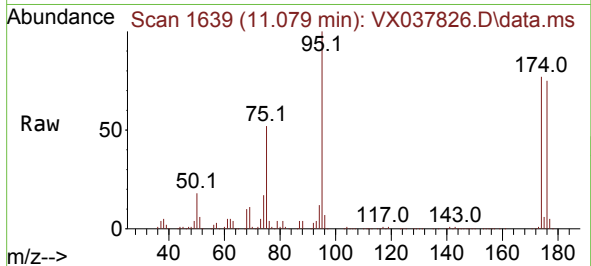




#76
1,2,3-Trichloropropane
Concen: 19.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

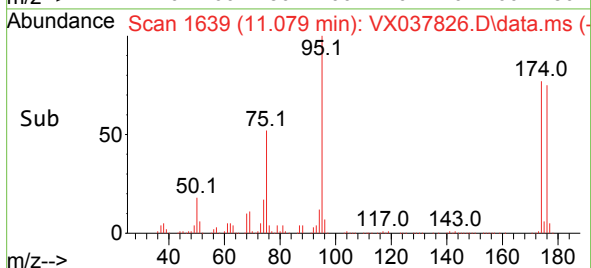
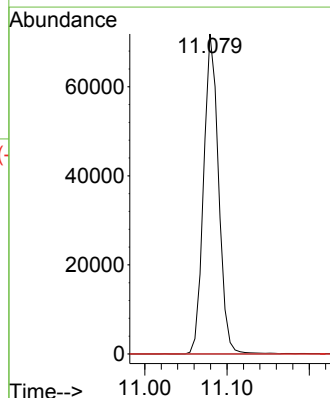
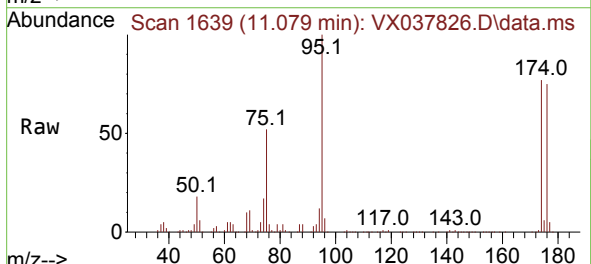
Instrument :
MSVOA_X
ClientSampleId :

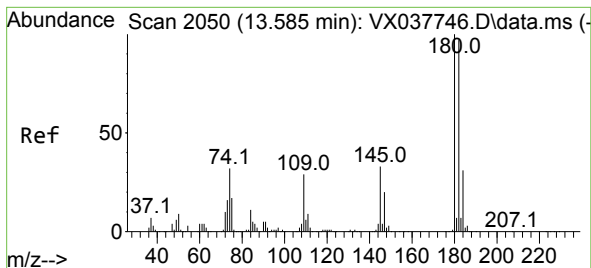
Tgt Ion: 75 Resp: 90702
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037826.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 75 Resp: 90702
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: 0.338 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037826.D

Acq: 20 Sep 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

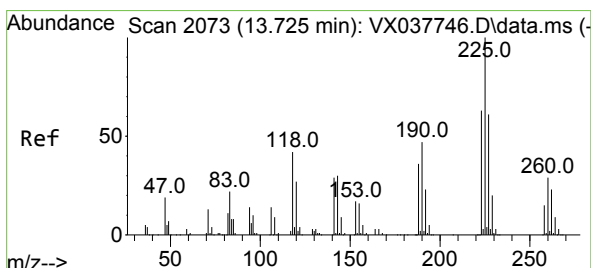
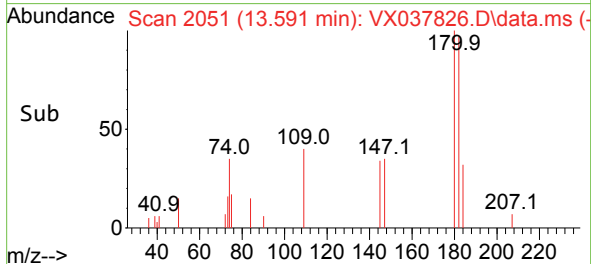
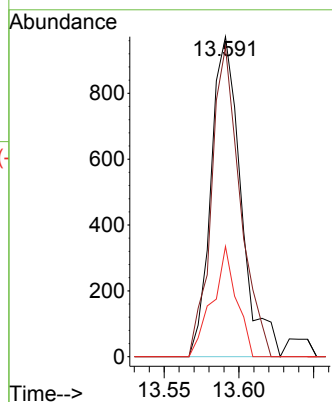
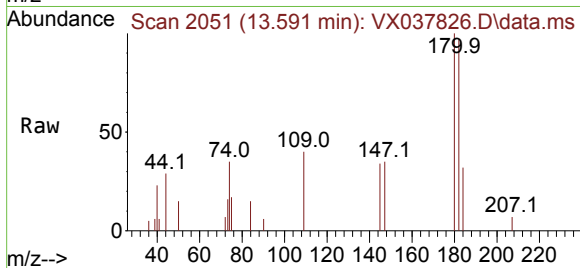
Tgt Ion:180 Resp: 1353

Ion Ratio Lower Upper

180 100

182 92.8 48.3 144.8

145 27.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.227 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037826.D

Acq: 20 Sep 2023 12:24

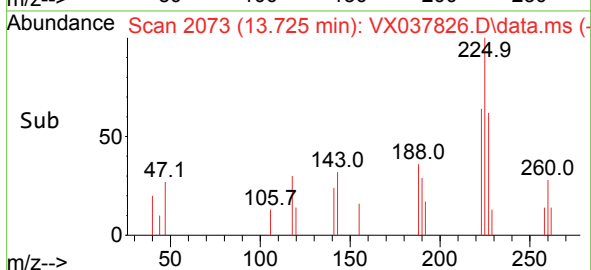
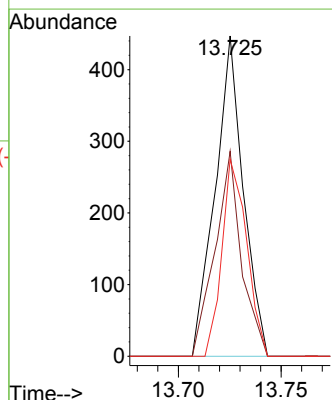
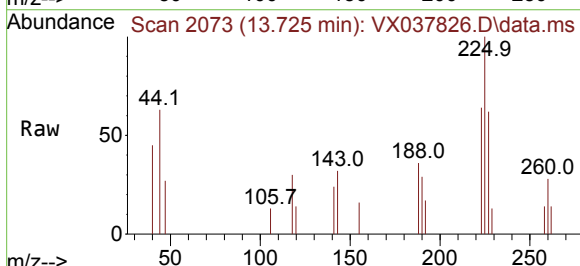
Tgt Ion:225 Resp: 425

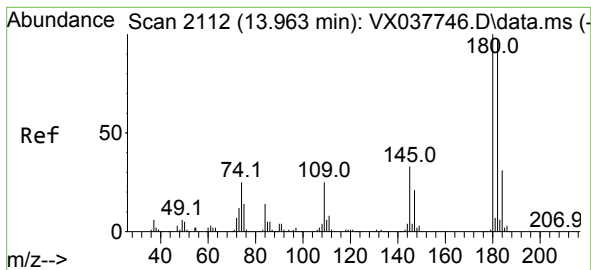
Ion Ratio Lower Upper

225 100

223 60.2 31.1 93.2

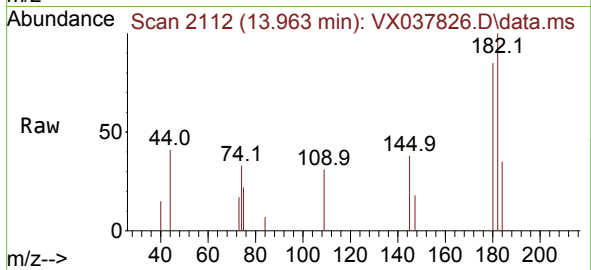
227 54.1 32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037826.D
 Acq: 20 Sep 2023 12:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	834
Ion	Ratio	Lower	Upper
180	100		
182	103.5	46.9	140.6
145	39.4	17.8	53.5

