

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037868.D
 Acq On : 22 Sep 2023 10:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 01:22:42 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)

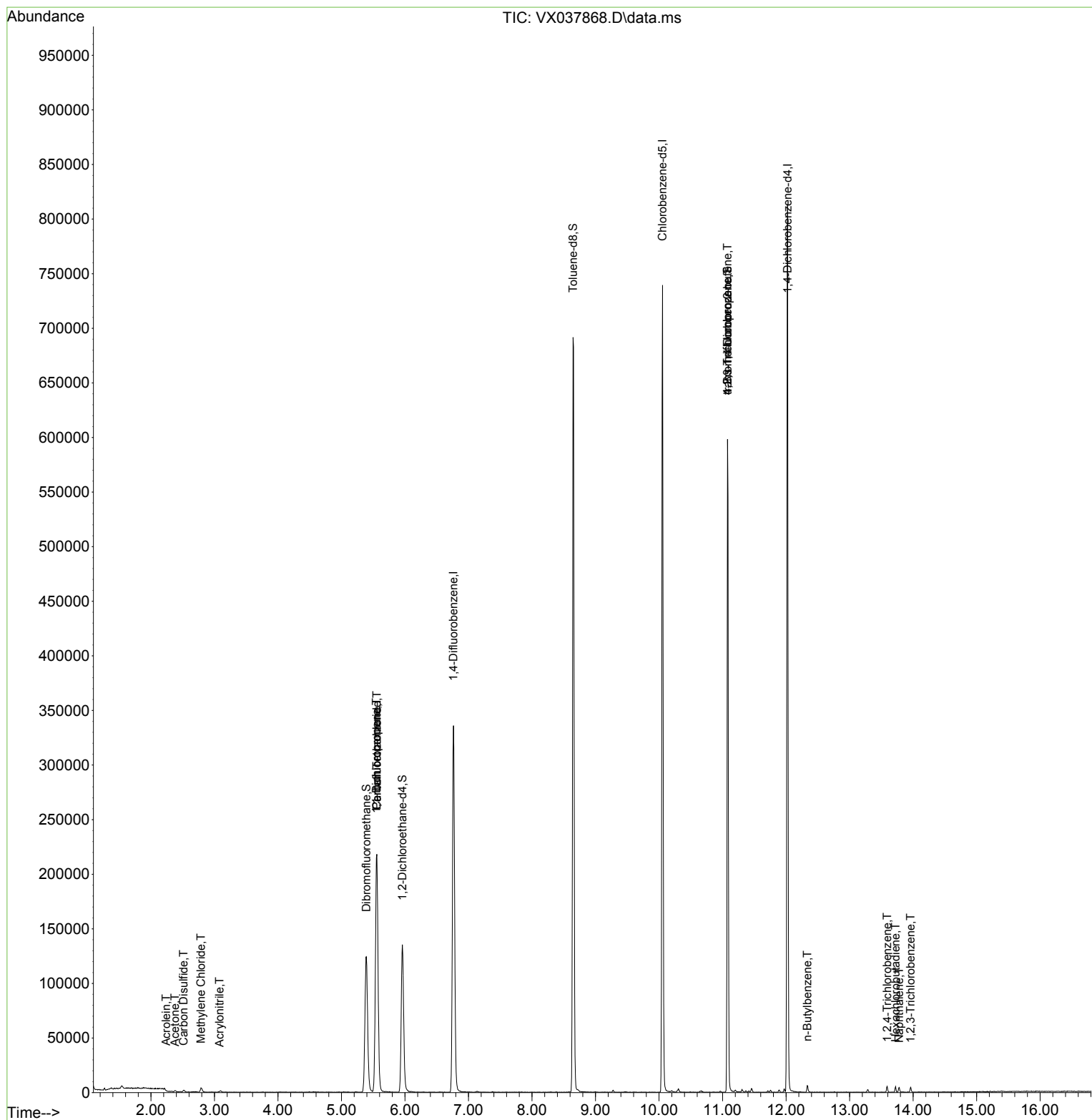
Internal Standards						
1) Pentafluorobenzene	5.556	168	212236	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	354342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130474	46.791	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.580%	
35) Dibromofluoromethane	5.391	113	110770	46.720	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.440%	
50) Toluene-d8	8.647	98	430077	48.820	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.640%	
62) 4-Bromofluorobenzene	11.079	95	158102	49.389	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.780%	
Target Compounds						
						Qvalue
13) Acrolein	2.239	56	334	0.565	ug/l	# 64
15) Acrylonitrile	3.081	53	408	0.307	ug/l	# 56
16) Acetone	2.380	43	1349	1.006	ug/l	98
17) Carbon Disulfide	2.514	76	1775	0.342	ug/l	98
20) Methylene Chloride	2.788	84	1886	0.736	ug/l	89
36) 1,1-Dichloropropene	5.550	75	16090	4.926	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	21532	6.301	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	81076	20.348	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	81076	65.181	ug/l	# 5
89) n-Butylbenzene	12.335	91	2253	0.236	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1647	0.470	ug/l	95
94) Hexachlorobutadiene	13.725	225	774	0.473	ug/l	92
95) Naphthalene	13.780	128	3897	0.329	ug/l	# 95
96) 1,2,3-Trichlorobenzene	13.963	180	1426	0.395	ug/l	97

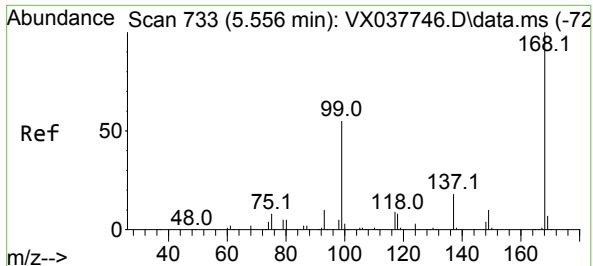
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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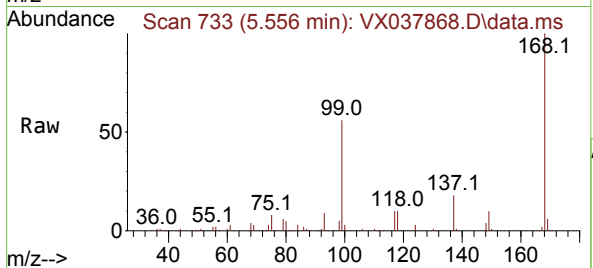
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



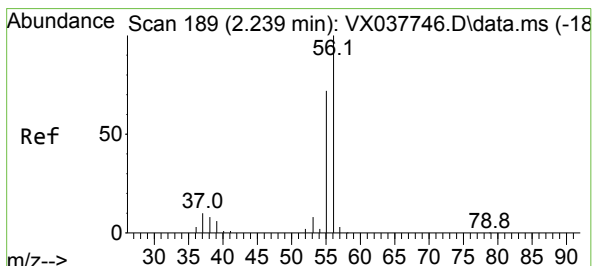
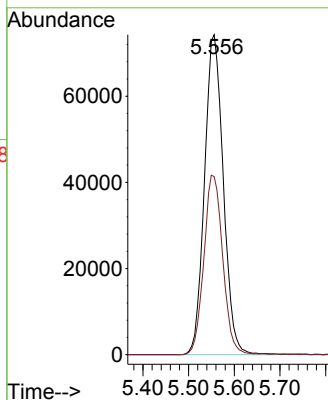
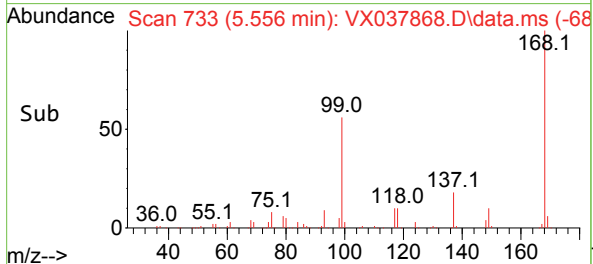


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :

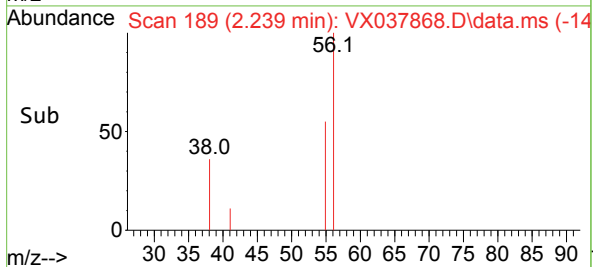
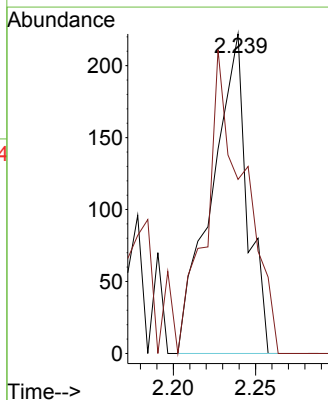
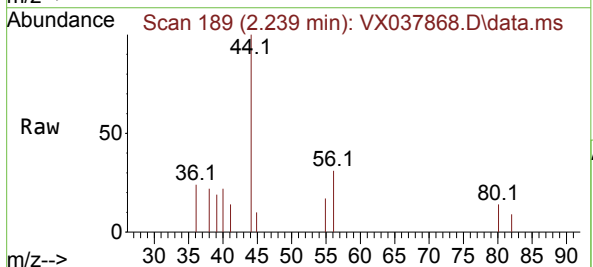


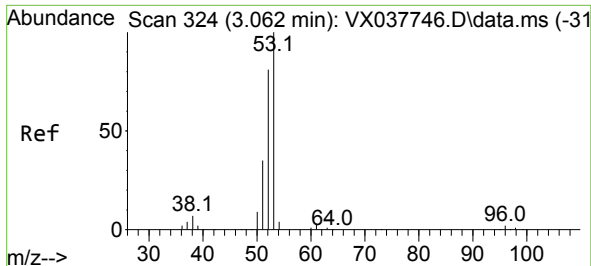
Tgt Ion:168 Resp: 212236
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#13
Acrolein
Concen: 0.565 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

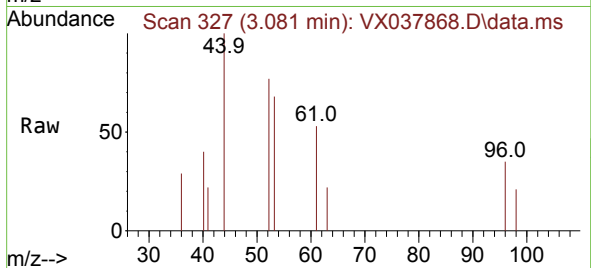
Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
55 101.2 57.1 85.7#



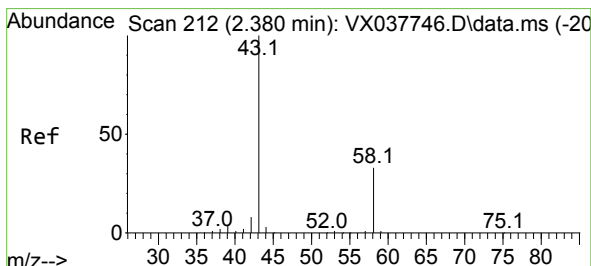
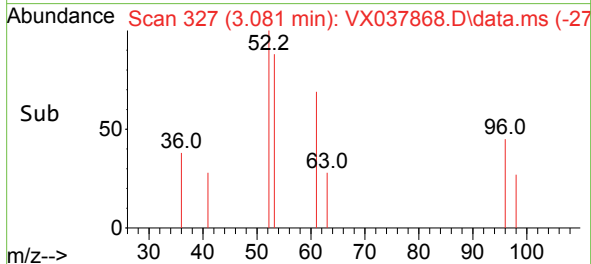
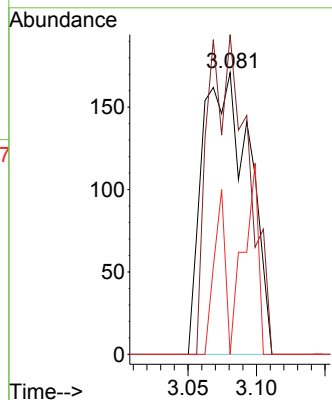


#15
Acrylonitrile
Concen: 0.307 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :

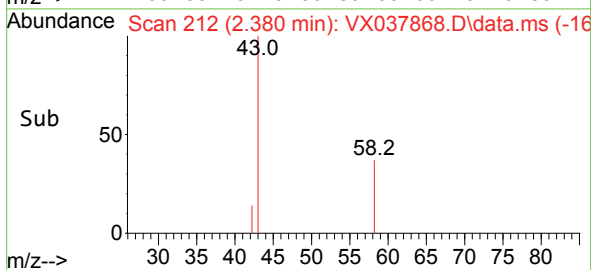
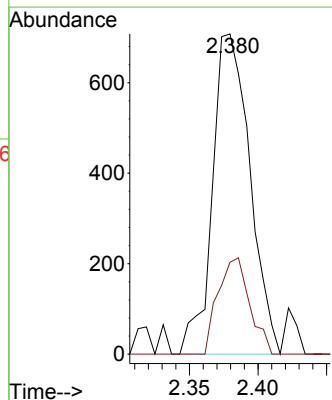
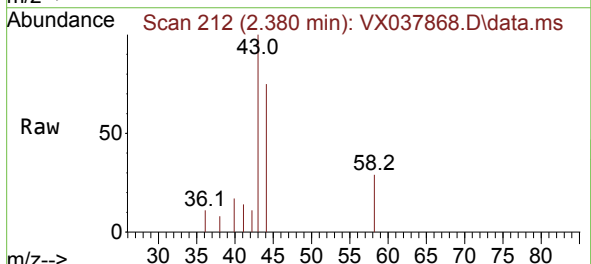


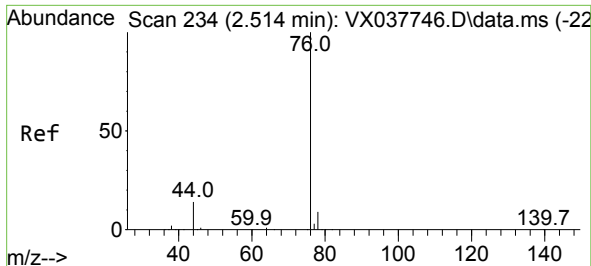
Tgt Ion: 53 Resp: 408
Ion Ratio Lower Upper
53 100
52 40.7 66.0 99.0#
51 13.7 29.8 44.6#



#16
Acetone
Concen: 1.006 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

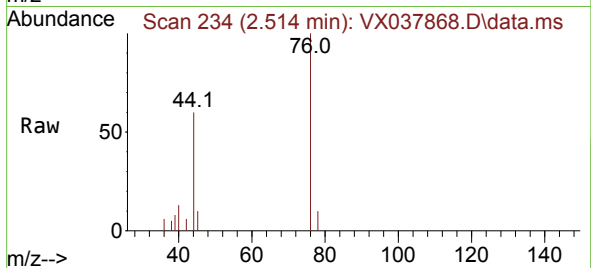
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9



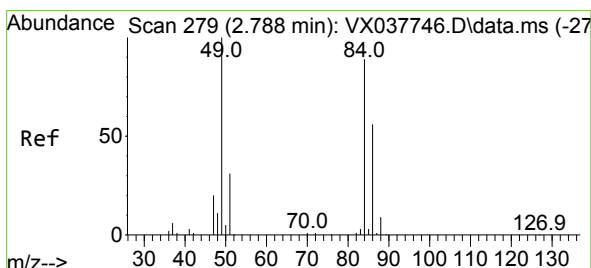
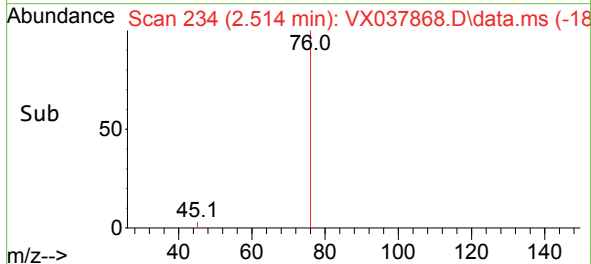
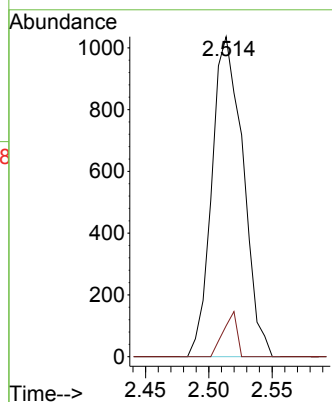


#17
Carbon Disulfide
Concen: 0.342 ug/l
RT: 2.514 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :

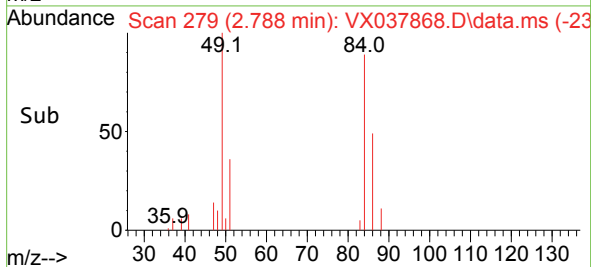
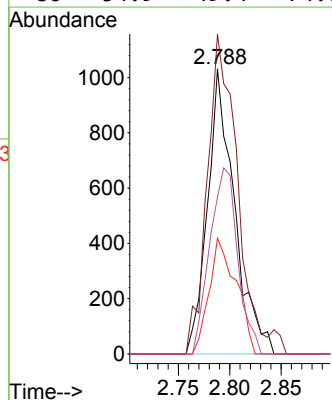
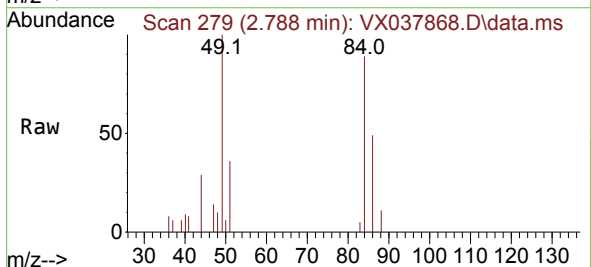


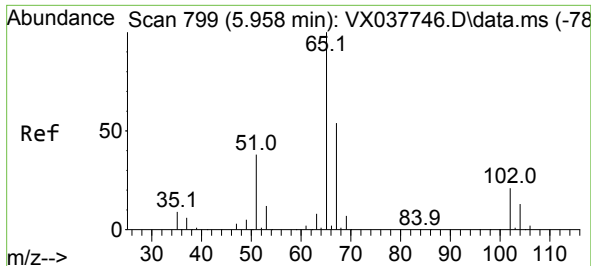
Tgt Ion: 76 Resp: 1775
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#20
Methylene Chloride
Concen: 0.736 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Tgt Ion: 84 Resp: 1886
Ion Ratio Lower Upper
84 100
49 112.2 103.6 155.4
51 40.6 33.8 50.6
86 54.9 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 46.791 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037868.D

Acq: 22 Sep 2023 10:58

Instrument :

MSVOA_X

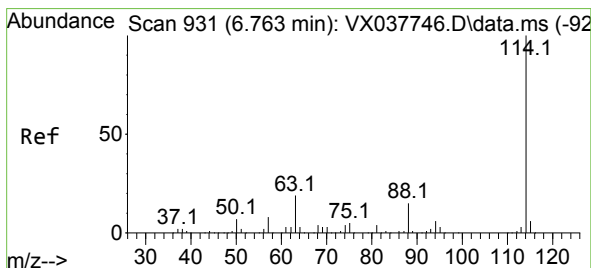
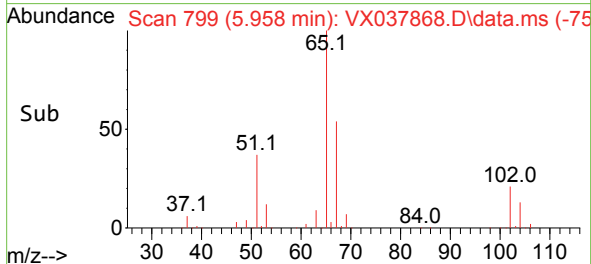
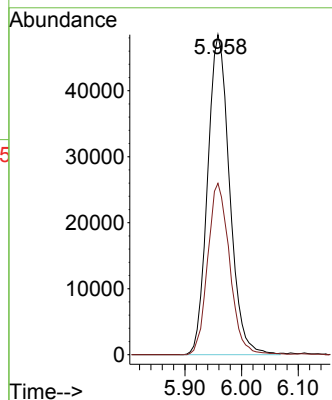
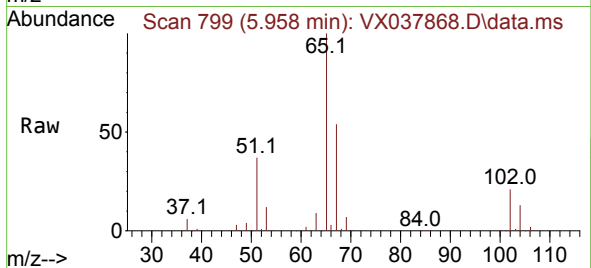
ClientSampleId :

Tgt Ion: 65 Resp: 130474

Ion Ratio Lower Upper

65 100

67 53.5 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: VX037868.D

Acq: 22 Sep 2023 10:58

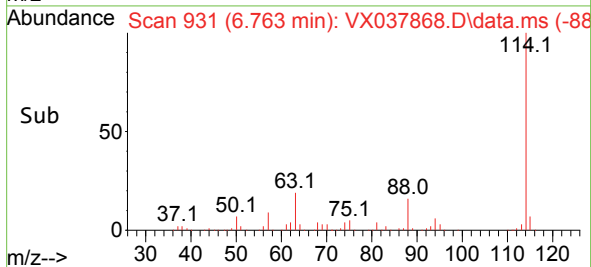
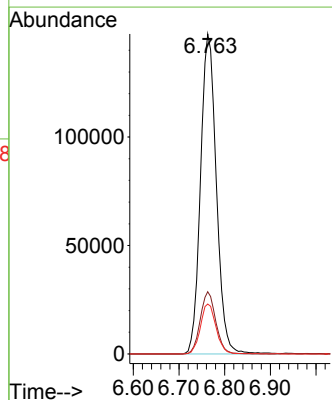
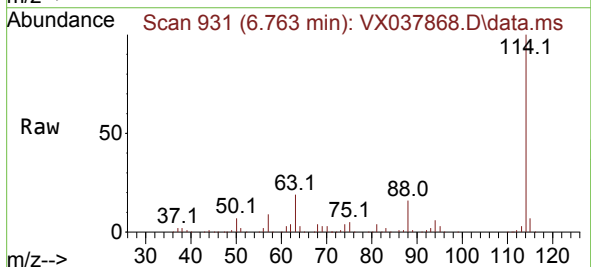
Tgt Ion:114 Resp: 354342

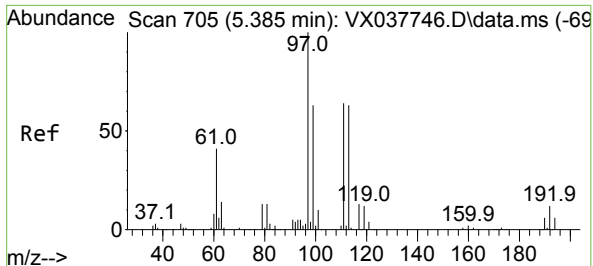
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

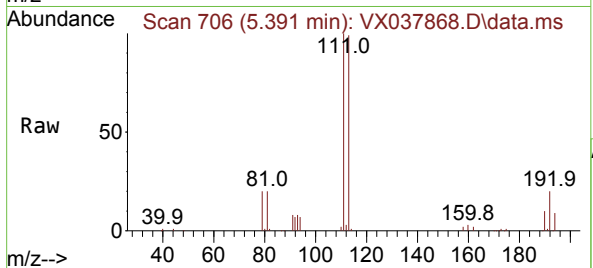
88 15.6 0.0 36.6



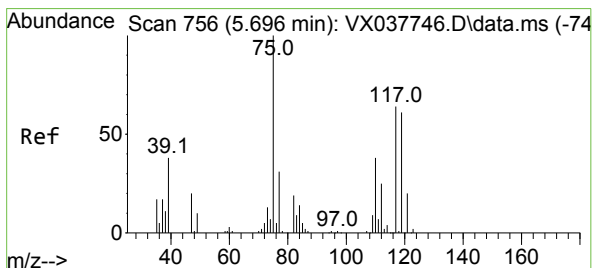
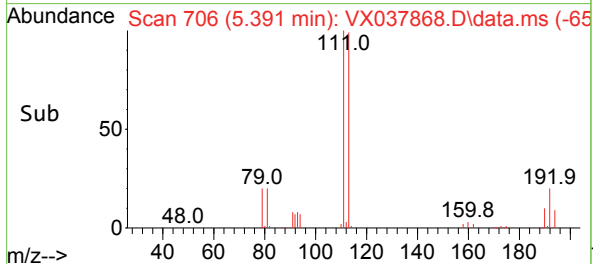
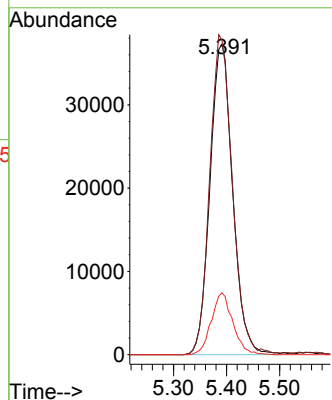


#35
Dibromofluoromethane
Concen: 46.720 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :

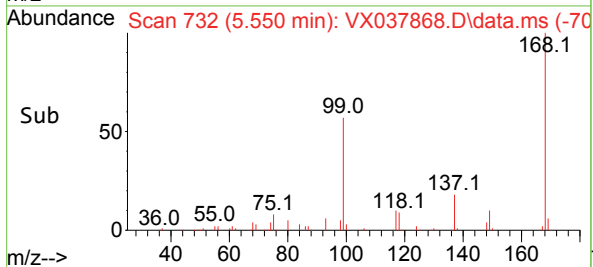
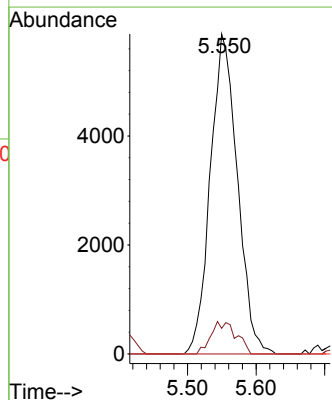
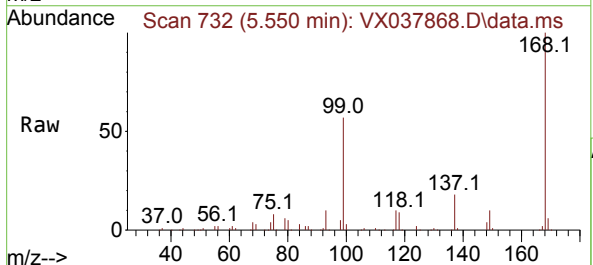


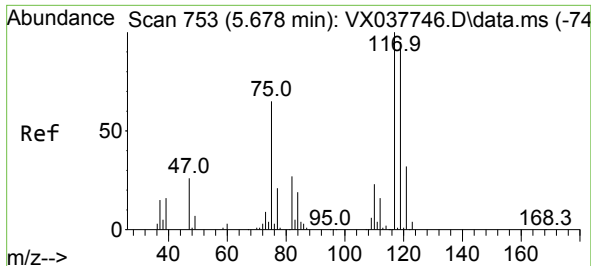
Tgt Ion:113 Resp: 110770
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

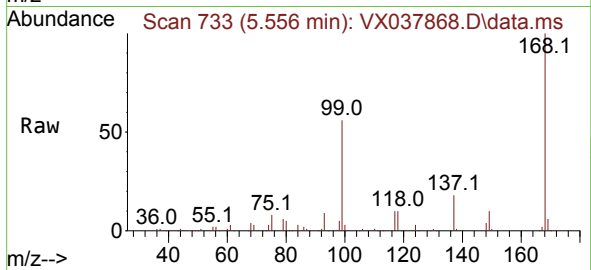
Tgt Ion: 75 Resp: 16090
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



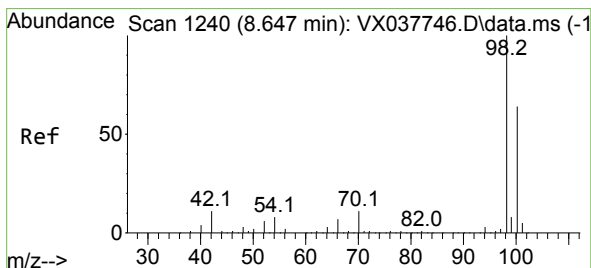
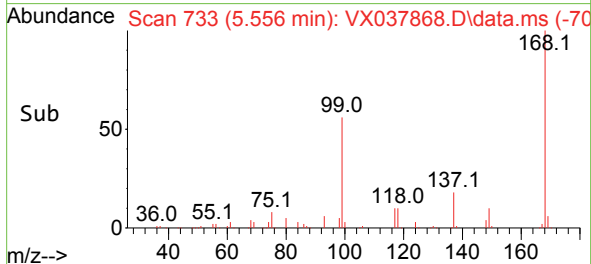
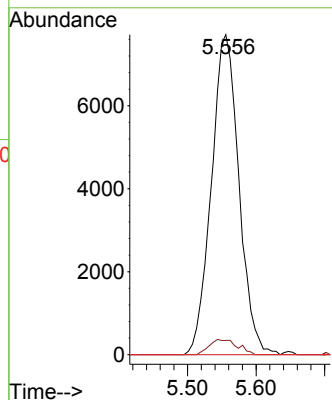


#38
Carbon Tetrachloride
Concen: 6.301 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Instrument :
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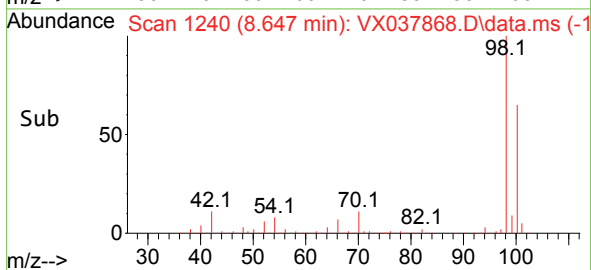
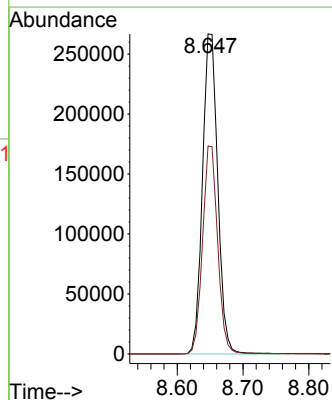
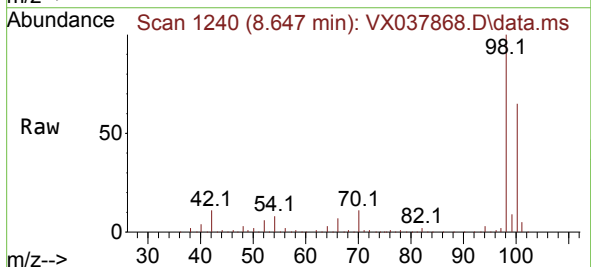


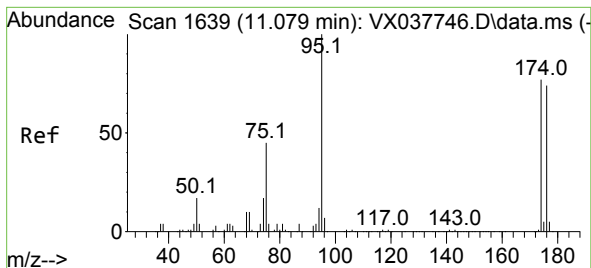
Tgt Ion:117 Resp: 21532
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.820 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Tgt Ion: 98 Resp: 430077
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

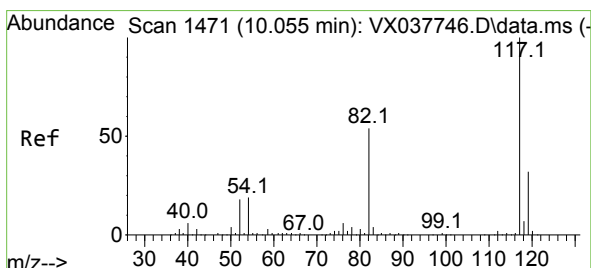
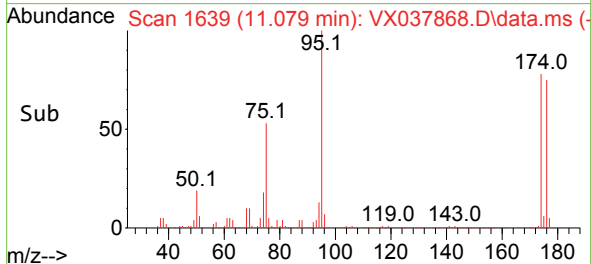
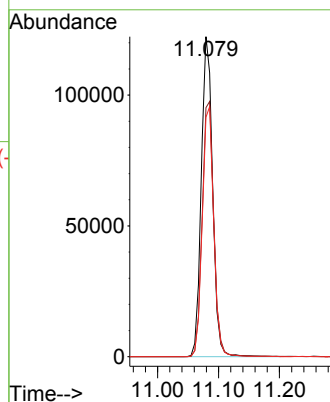
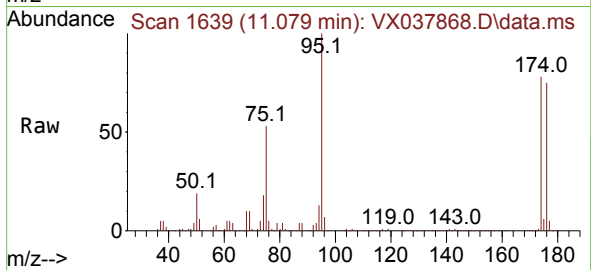




#62
4-Bromofluorobenzene
Concen: 49.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

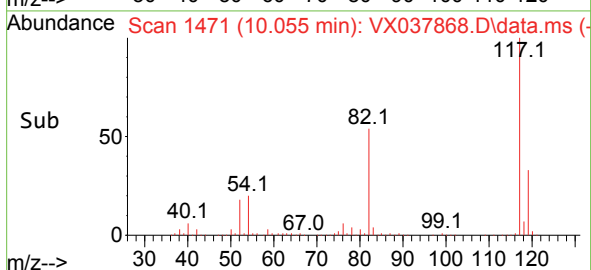
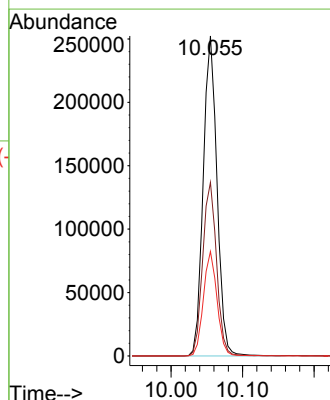
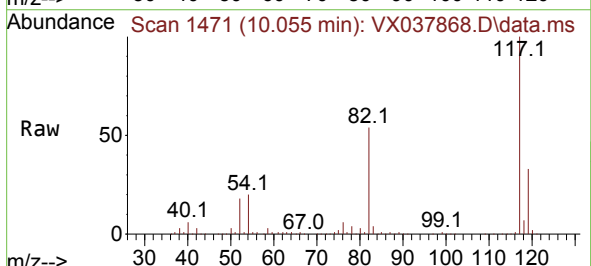
Instrument :
MSVOA_X
ClientSampleId :

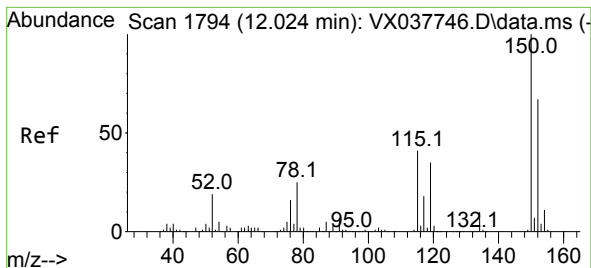
Tgt Ion: 95 Resp: 158102
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 79.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Tgt Ion: 117 Resp: 337990
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037868.D

Acq: 22 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

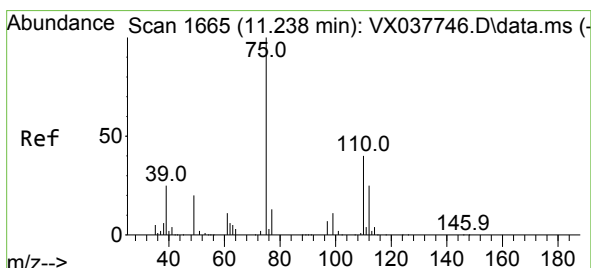
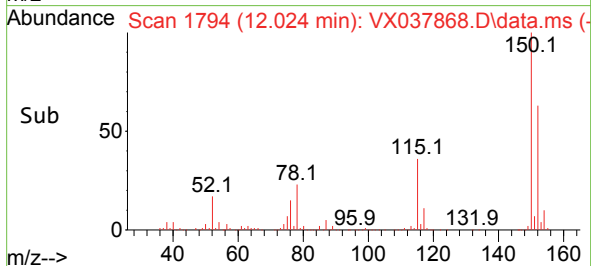
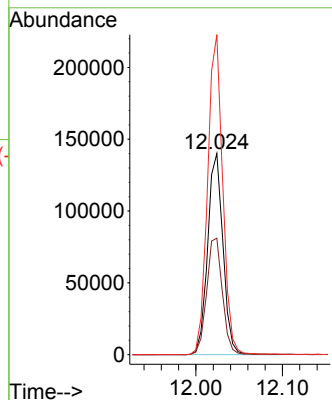
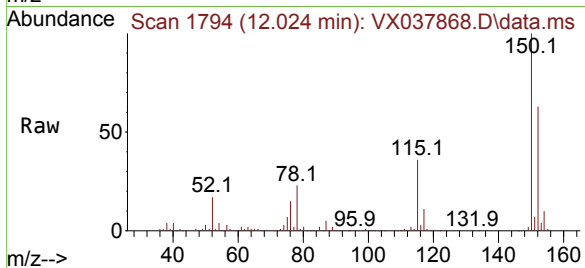
Tgt Ion:152 Resp: 172274

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 156.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.348 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037868.D

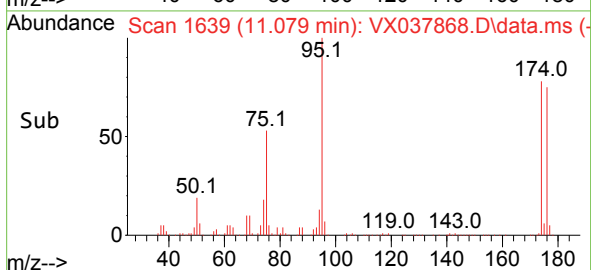
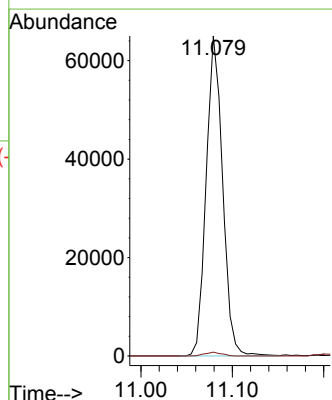
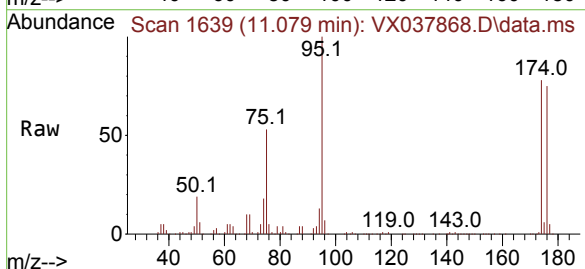
Acq: 22 Sep 2023 10:58

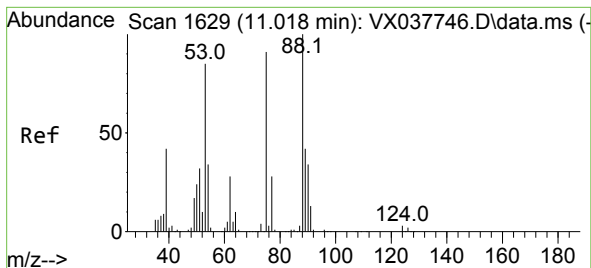
Tgt Ion: 75 Resp: 81076

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

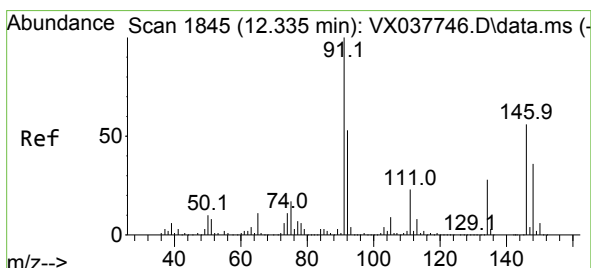
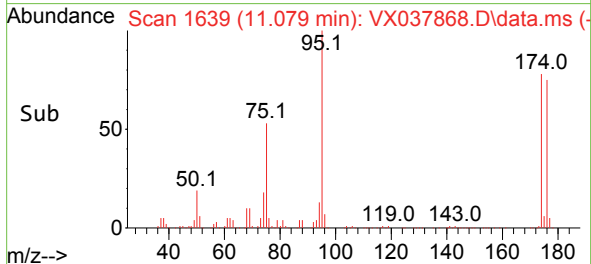
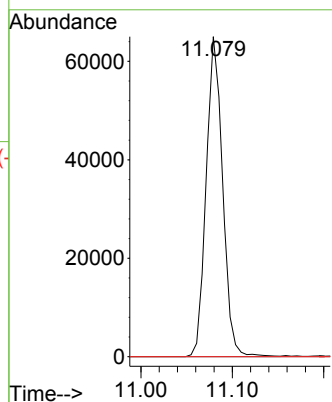
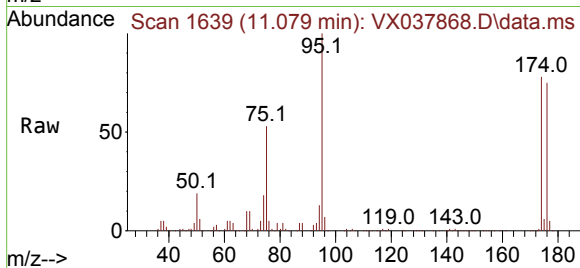




#81
trans-1,4-Dichloro-2-butene
Concen: 65.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

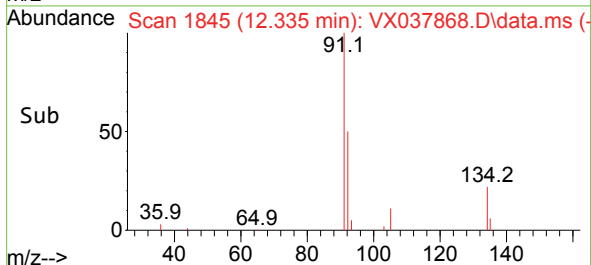
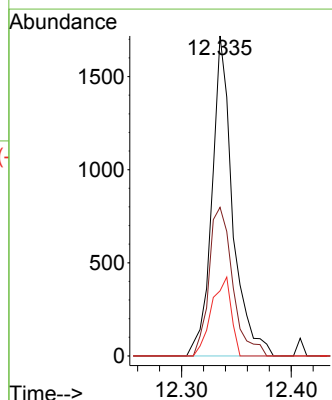
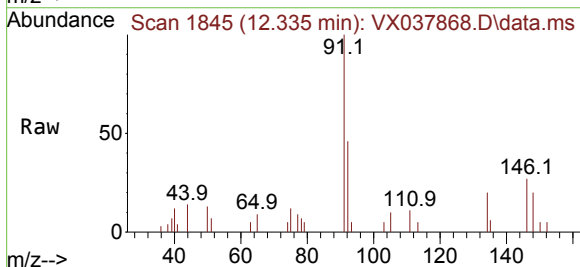
Instrument :
MSVOA_X
ClientSampleId :

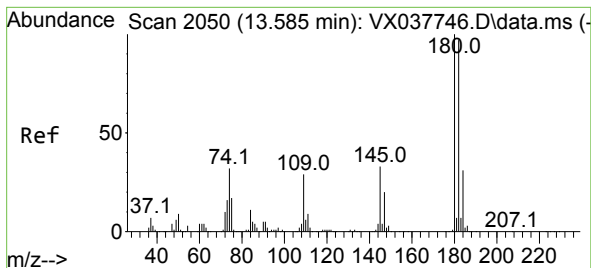
Tgt Ion: 75 Resp: 81076
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.236 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Tgt Ion: 91 Resp: 2253
Ion Ratio Lower Upper
91 100
92 53.2 27.4 82.0
134 23.4 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.470 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037868.D

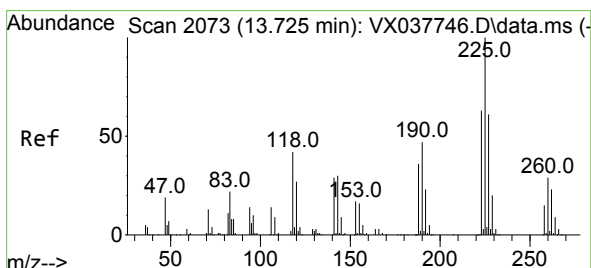
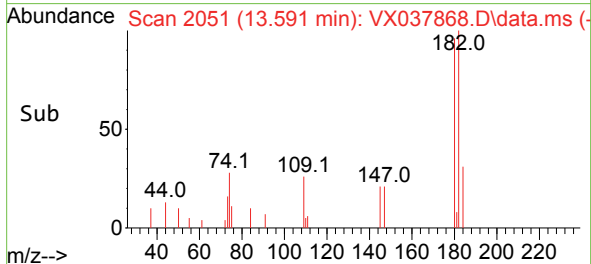
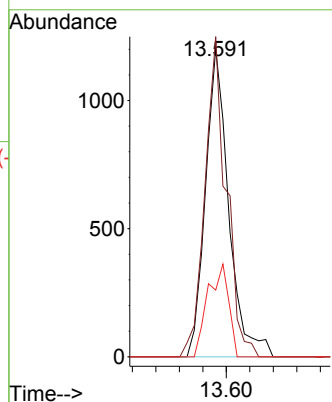
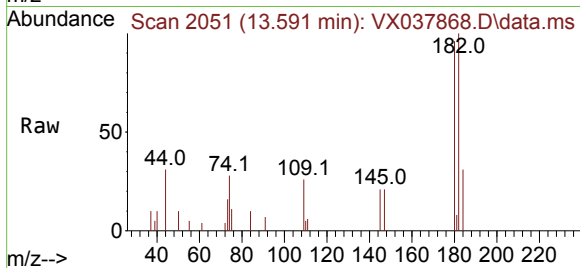
Acq: 22 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1647
Ion Ratio	Lower	Upper
180	100	
182	95.7	48.3 144.8
145	26.9	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.473 ug/l

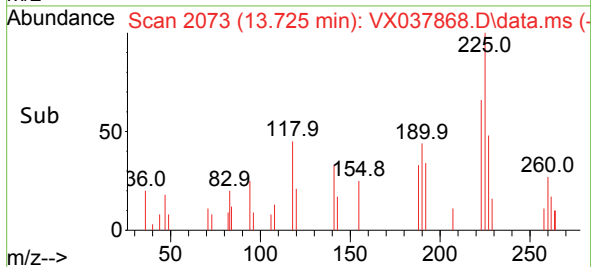
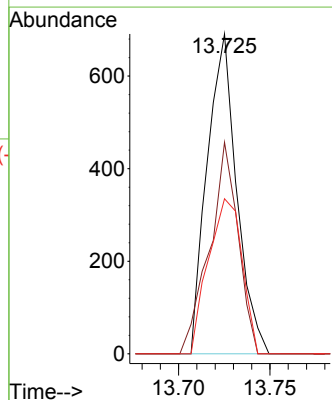
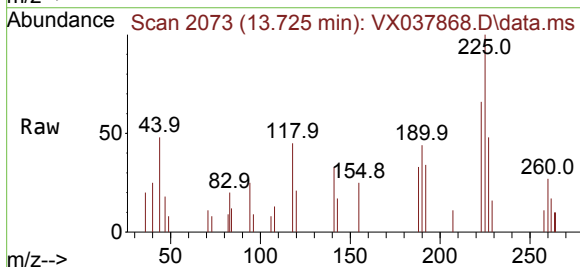
RT: 13.725 min Scan# 2073

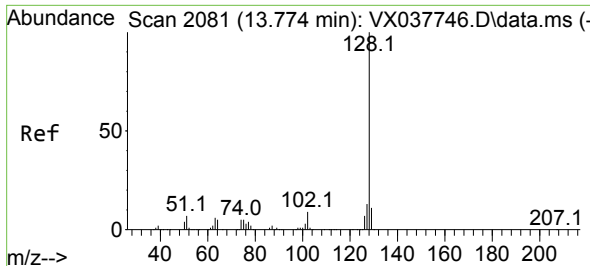
Delta R.T. -0.000 min

Lab File: VX037868.D

Acq: 22 Sep 2023 10:58

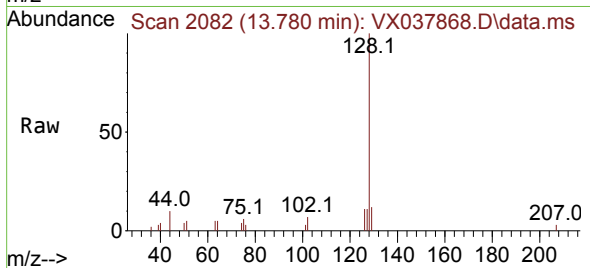
Tgt Ion:225	Resp:	774
Ion Ratio	Lower	Upper
225	100	
223	64.2	31.1 93.2
227	55.3	32.5 97.5



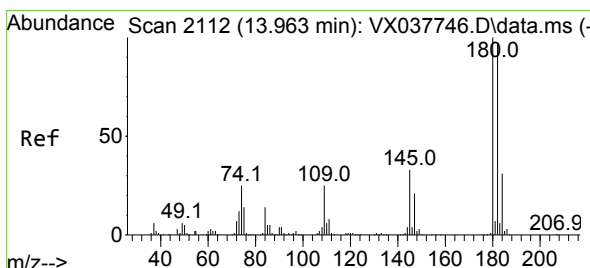
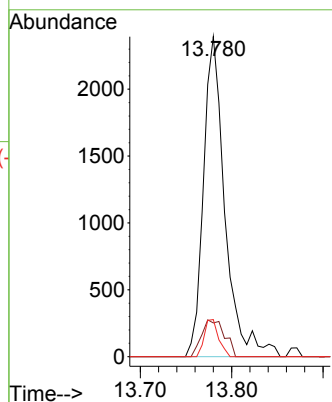


#95
Naphthalene
Concen: 0.329 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3897
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 7.7 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.395 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037868.D
Acq: 22 Sep 2023 10:58

Tgt Ion:180 Resp: 1426
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 30.2 17.8 53.5

