

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037903.D
 Acq On : 26 Sep 2023 12:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:13:30 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)

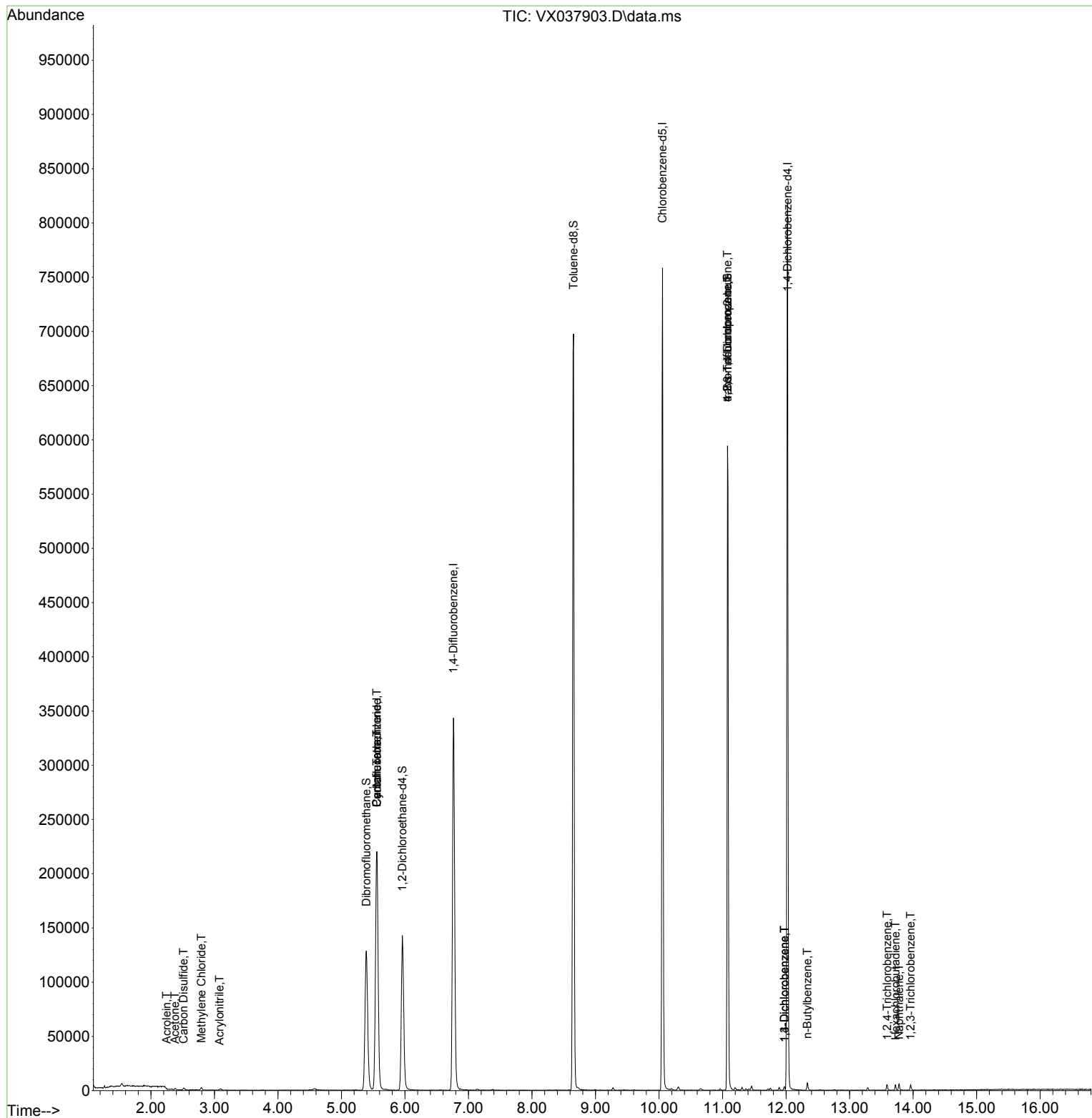
Internal Standards						
1) Pentafluorobenzene	5.556	168	214749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132122	46.827	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.660%	
35) Dibromofluoromethane	5.391	113	114390	47.021	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.040%	
50) Toluene-d8	8.653	98	437422	48.392	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.780%	
62) 4-Bromofluorobenzene	11.079	95	160379	48.826	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.660%	
Target Compounds						
					Qvalue	
13) Acrolein	2.245	56	322	0.538	ug/l #	52
15) Acrylonitrile	3.081	53	567	0.421	ug/l #	70
16) Acetone	2.380	43	1552	1.143	ug/l #	83
17) Carbon Disulfide	2.514	76	1914	0.364	ug/l	99
20) Methylene Chloride	2.794	84	1145	0.431	ug/l #	86
31) Cyclohexane	5.556	56	4971	1.373	ug/l #	1
38) Carbon Tetrachloride	5.556	117	21803	6.218	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	81304	20.014	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	81304	64.112	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	1281	0.215	ug/l	83
88) 1,4-Dichlorobenzene	11.975	146	1281	0.211	ug/l	82
89) n-Butylbenzene	12.335	91	2400	0.246	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1654	0.463	ug/l	96
94) Hexachlorobutadiene	13.725	225	811	0.486	ug/l	95
95) Naphthalene	13.780	128	4032	0.333	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1483	0.403	ug/l	93

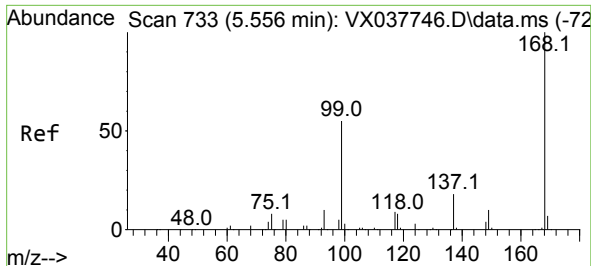
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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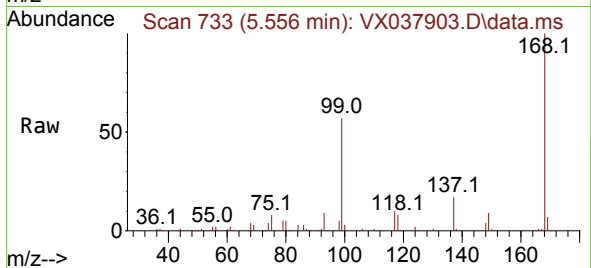
Quant Time: Sep 27 01:13:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



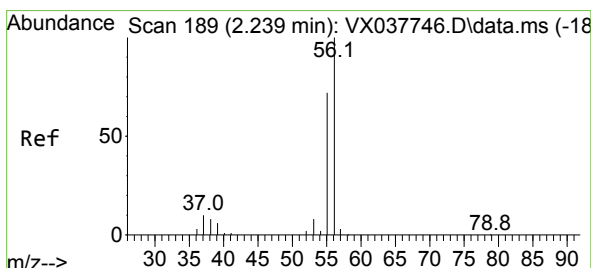
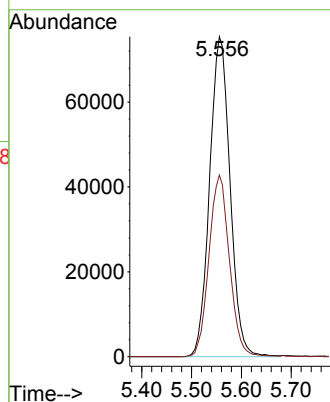
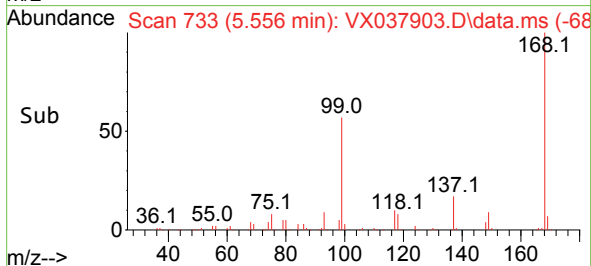


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

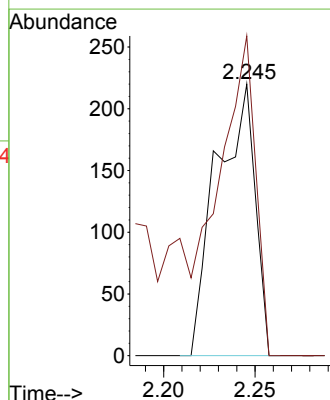
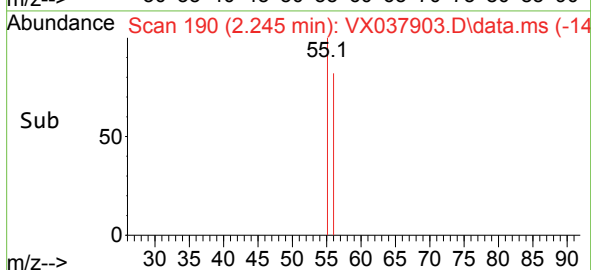
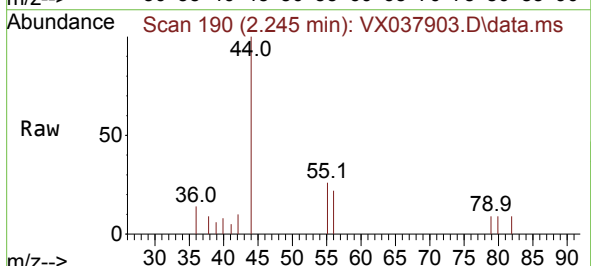


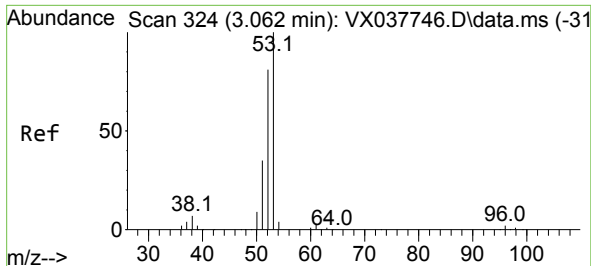
Tgt Ion:168 Resp: 214749
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#13
Acrolein
Concen: 0.538 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

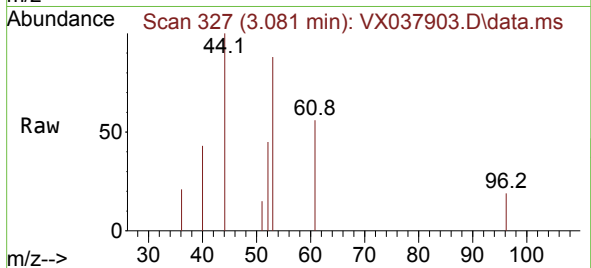
Tgt Ion: 56 Resp: 322
Ion Ratio Lower Upper
56 100
55 110.9 57.1 85.7#



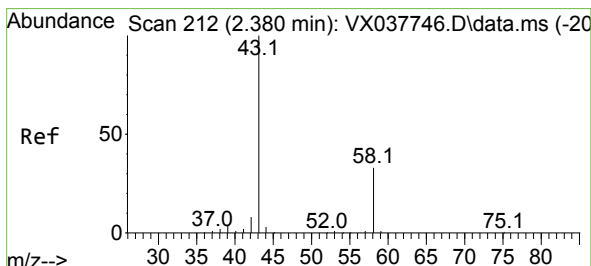
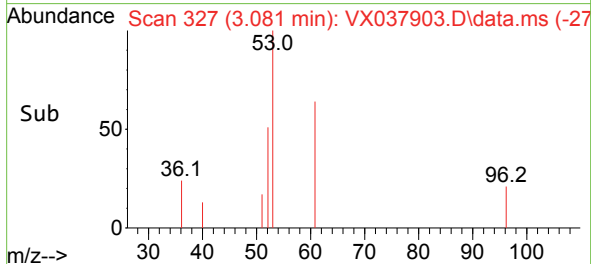
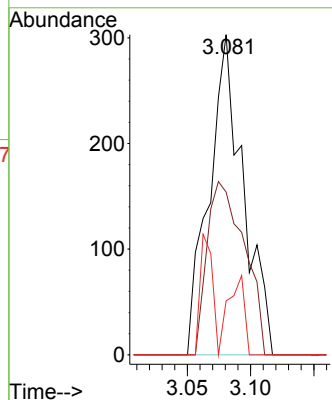


#15
Acrylonitrile
Concen: 0.421 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

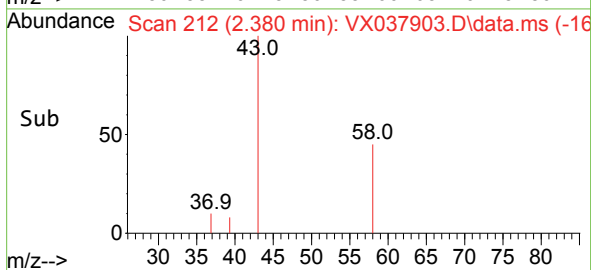
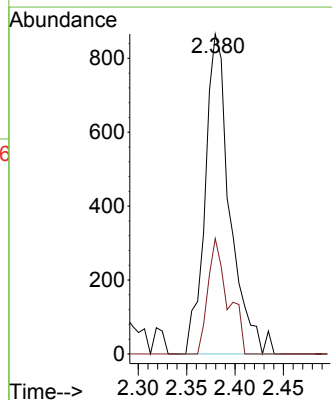
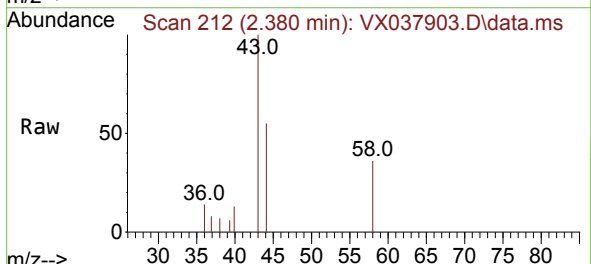


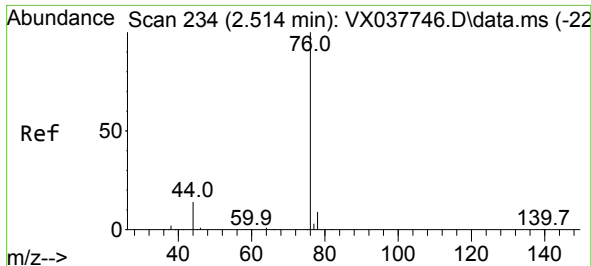
Tgt Ion: 53 Resp: 567
Ion Ratio Lower Upper
53 100
52 59.3 66.0 99.0#
51 13.6 29.8 44.6#



#16
Acetone
Concen: 1.143 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

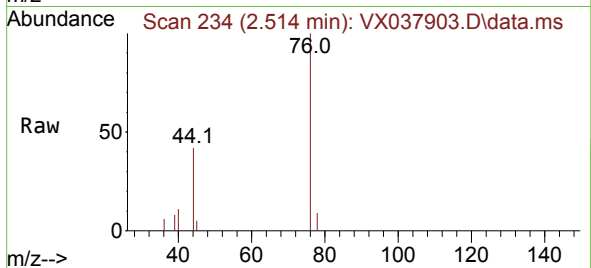
Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
58 36.0 21.9 32.9#



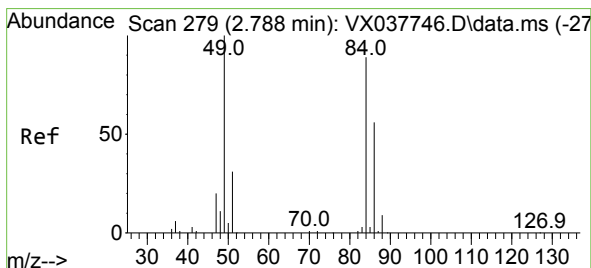
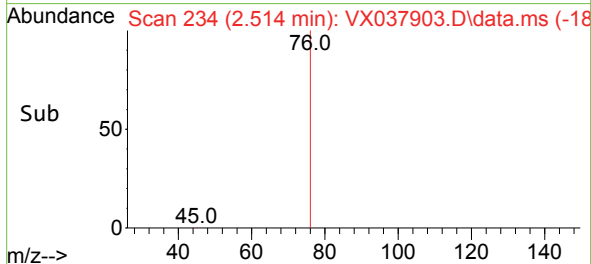
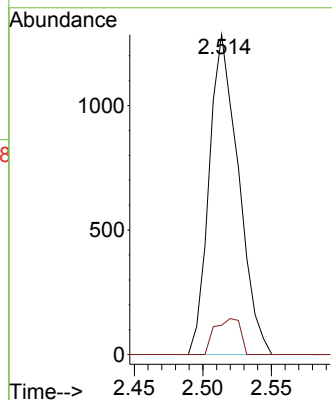


#17
Carbon Disulfide
Concen: 0.364 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

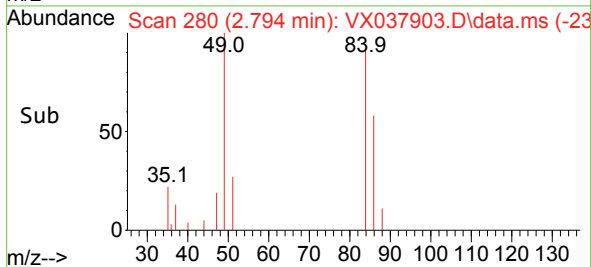
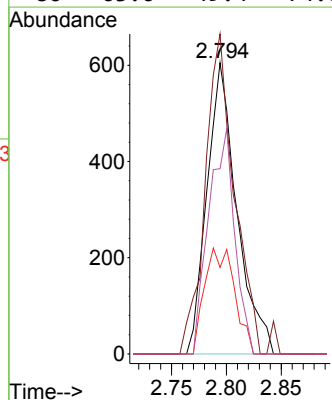
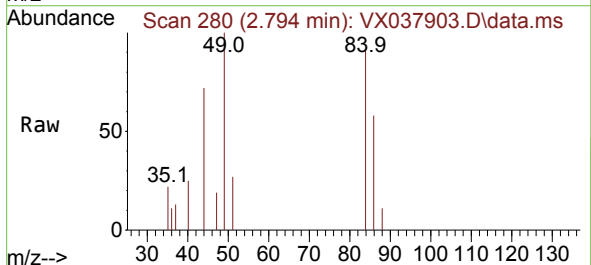


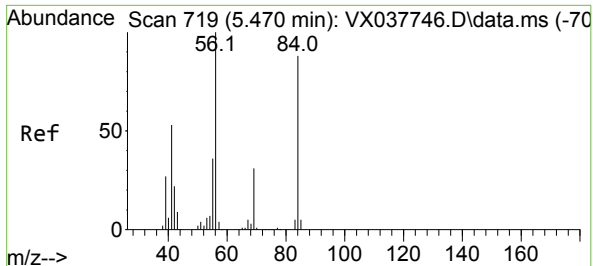
Tgt Ion: 76 Resp: 1914
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

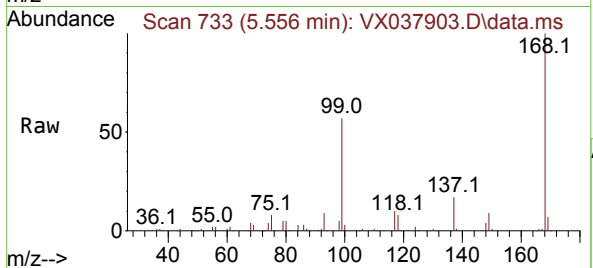
Tgt Ion: 84 Resp: 1145
Ion Ratio Lower Upper
84 100
49 109.9 103.6 155.4
51 29.8 33.8 50.6#
86 63.6 49.4 74.0



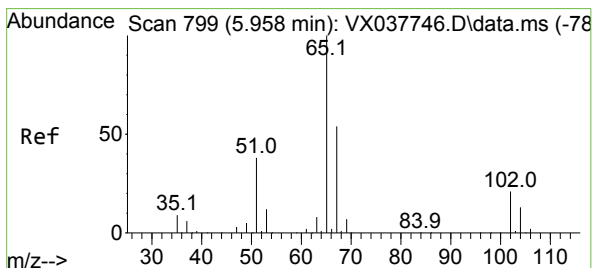
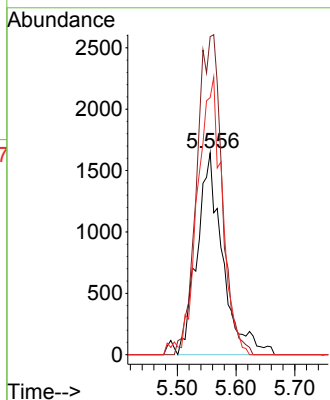
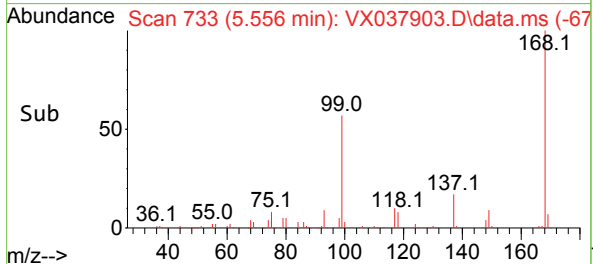


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

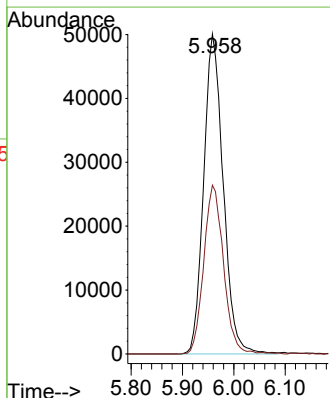
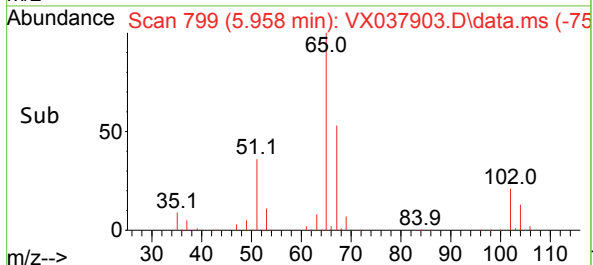
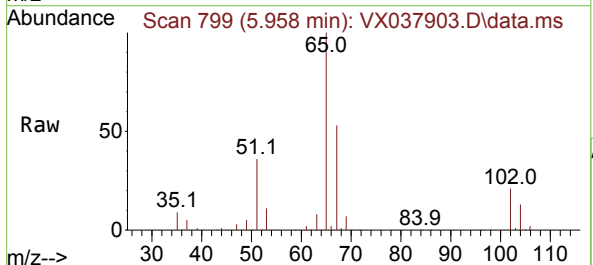


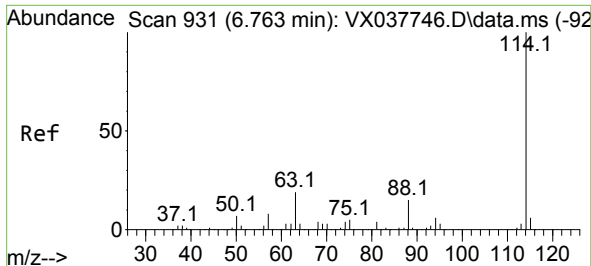
Tgt Ion: 56 Resp: 4971
Ion Ratio Lower Upper
56 100
69 157.6 23.4 35.2#
84 127.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.827 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

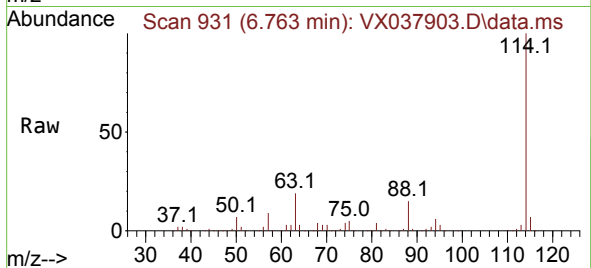
Tgt Ion: 65 Resp: 132122
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2



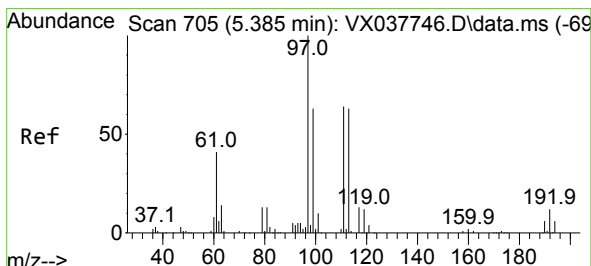
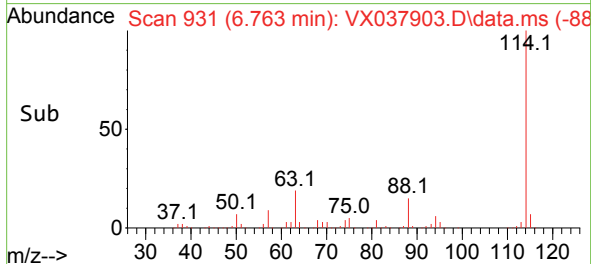
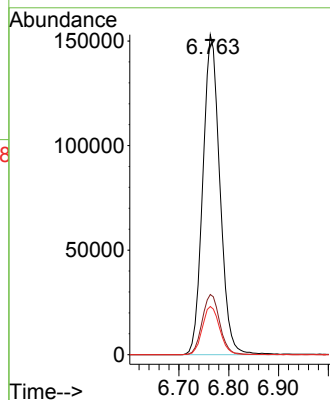


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

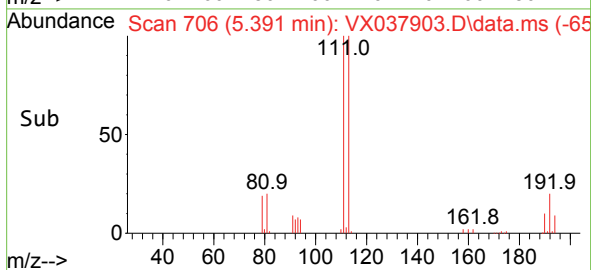
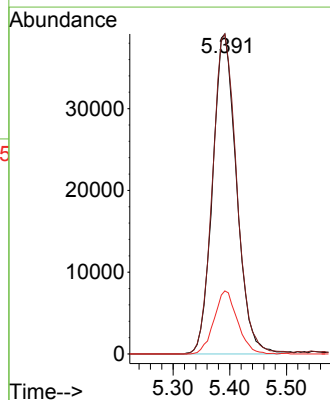
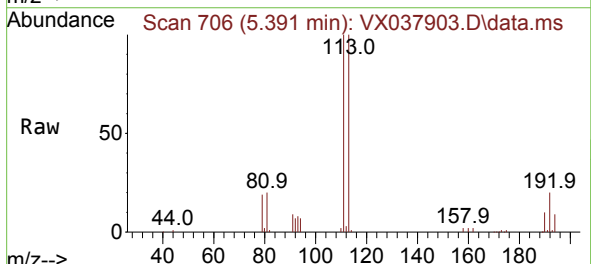


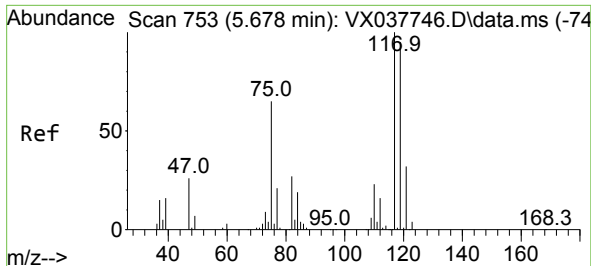
Tgt Ion:114 Resp: 363583
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.021 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

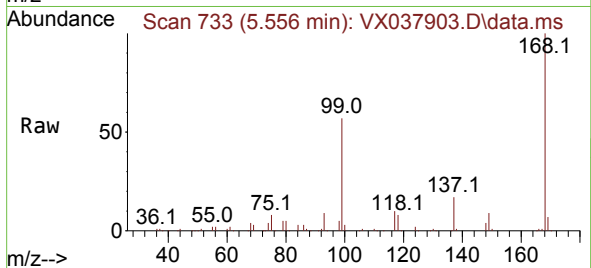
Tgt Ion:113 Resp: 114390
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.4 13.3 19.9



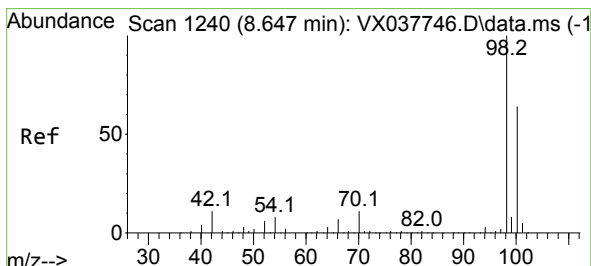
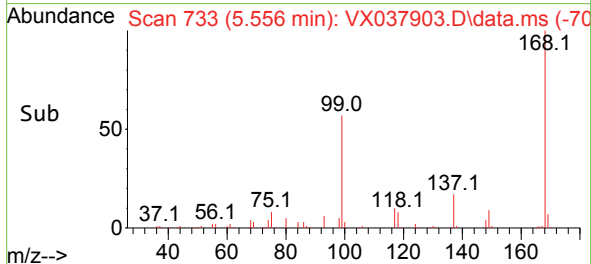
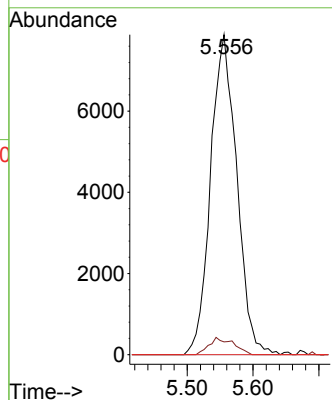


#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
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ClientSampleId :

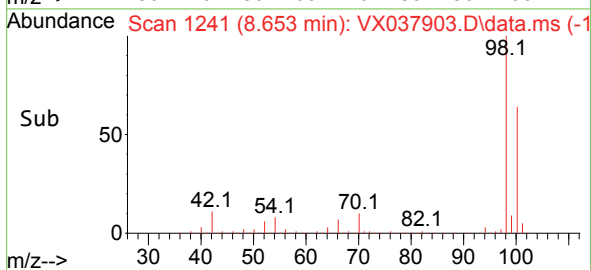
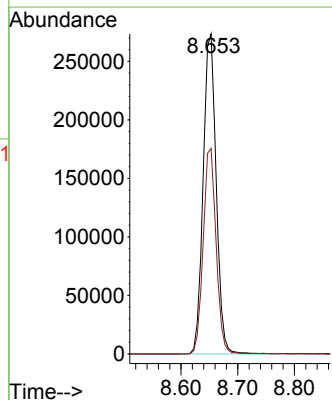
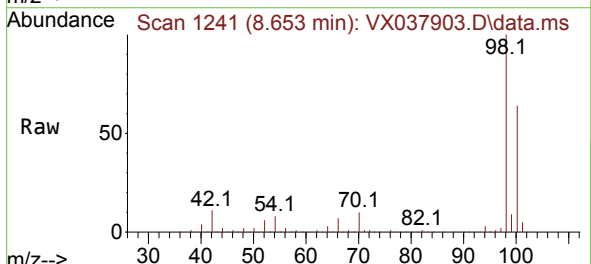


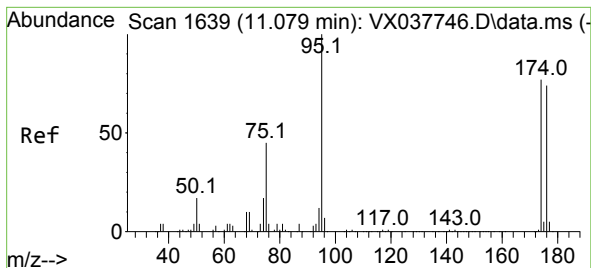
Tgt Ion:117 Resp: 21803
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.392 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Tgt Ion: 98 Resp: 437422
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

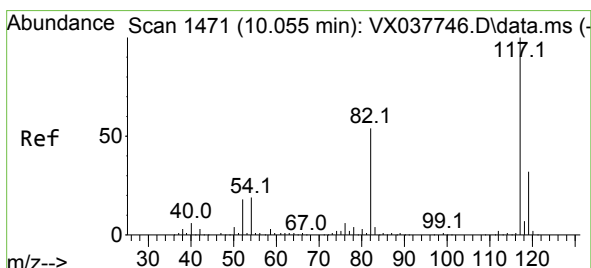
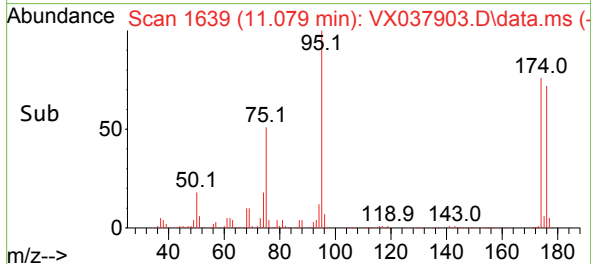
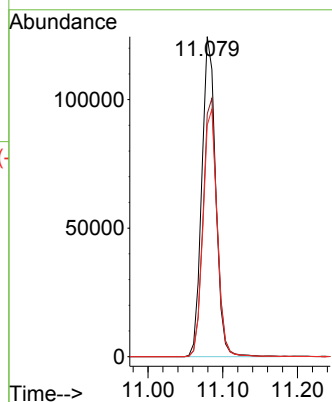
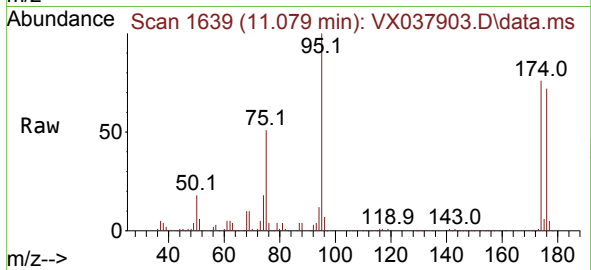




#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

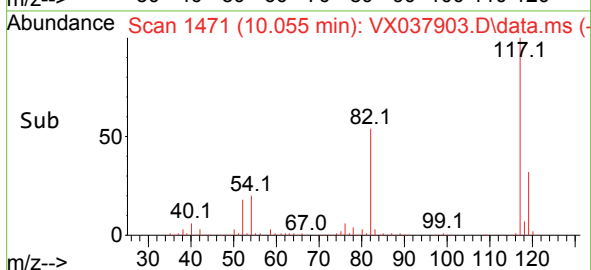
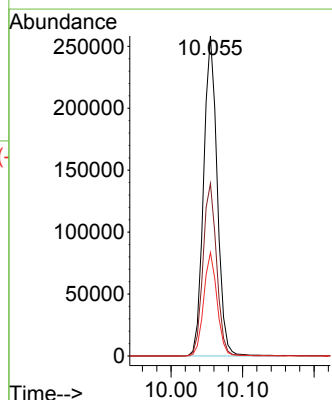
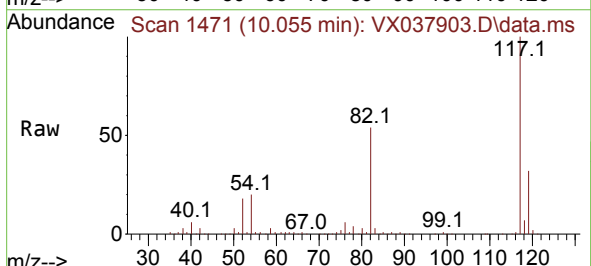
Instrument :
MSVOA_X
ClientSampleId :

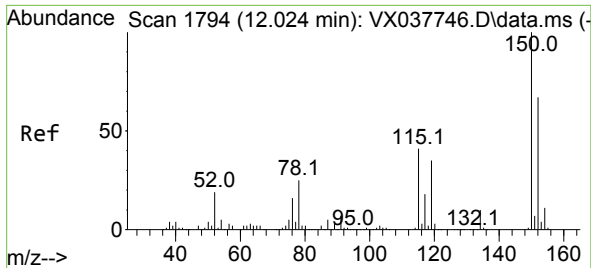
Tgt Ion: 95 Resp: 160379
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 78.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

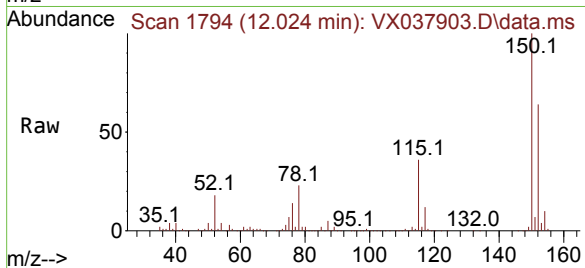
Tgt Ion: 117 Resp: 341893
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.3 25.5 38.3



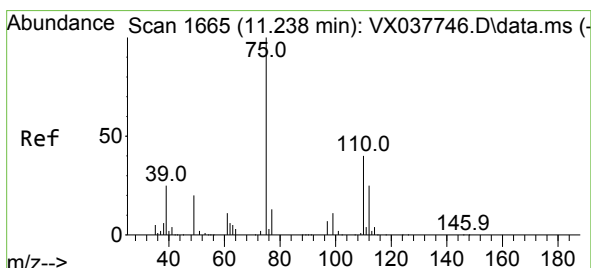
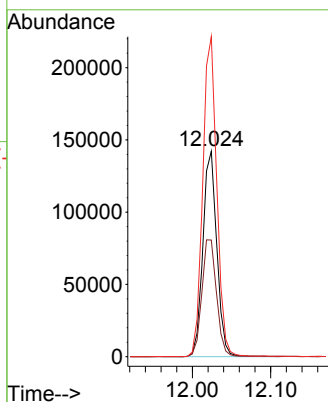
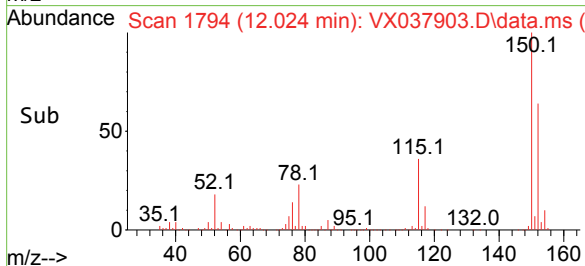


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037903.D
 Acq: 26 Sep 2023 12:24

Instrument :
 MSVOA_X
 ClientSampleId :

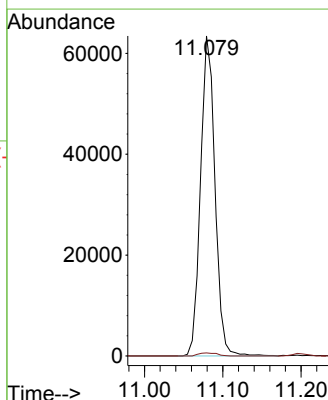
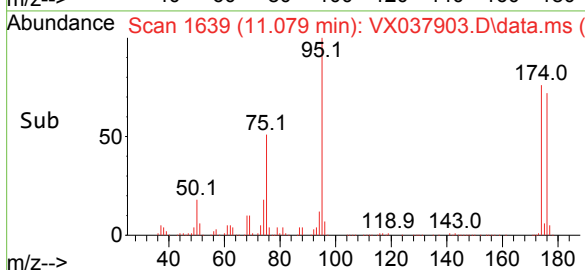
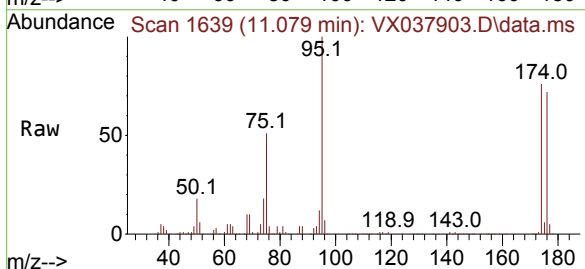


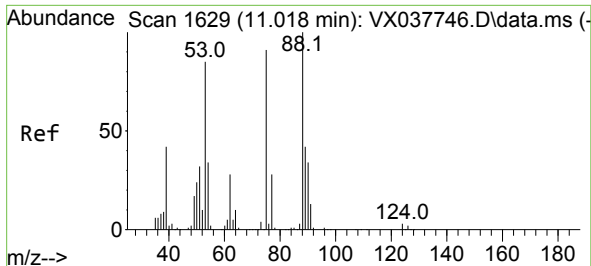
Tgt Ion:152 Resp: 175639
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 157.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.014 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037903.D
 Acq: 26 Sep 2023 12:24

Tgt Ion: 75 Resp: 81304
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

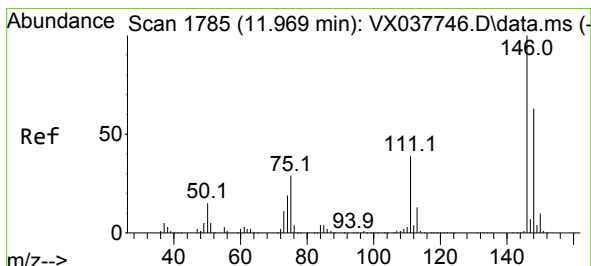
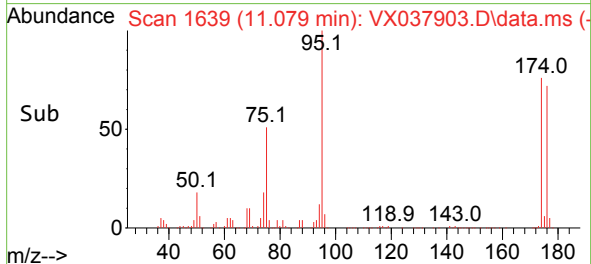
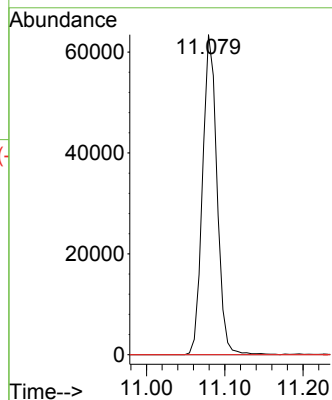
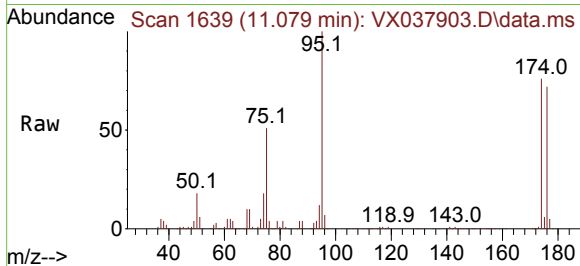




#81
trans-1,4-Dichloro-2-butene
Concen: 64.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

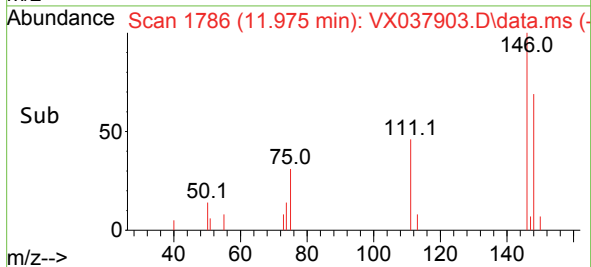
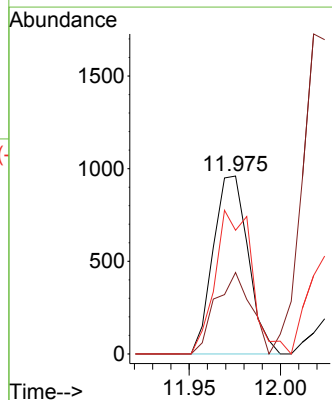
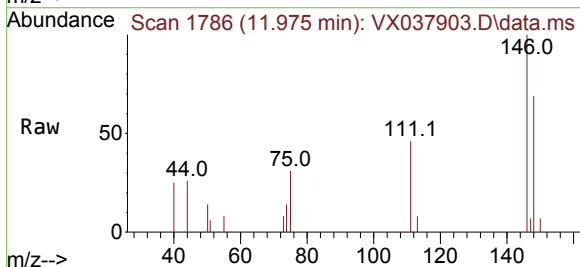
Instrument :
MSVOA_X
ClientSampleId :

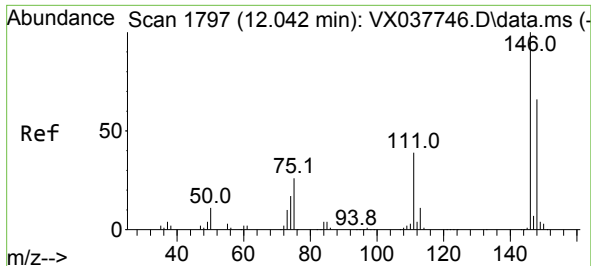
Tgt Ion: 75 Resp: 81304
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.215 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

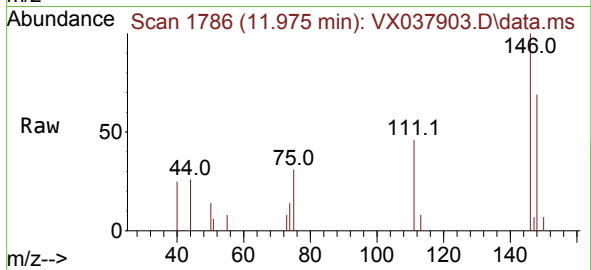
Tgt Ion:146 Resp: 1281
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.1
148 84.8 31.8 95.3



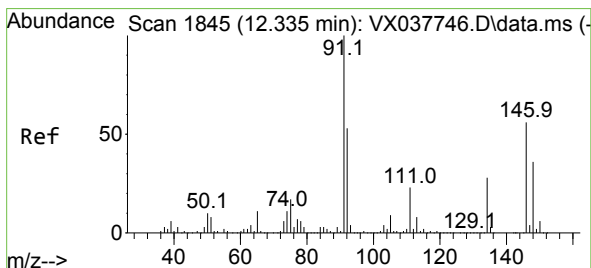
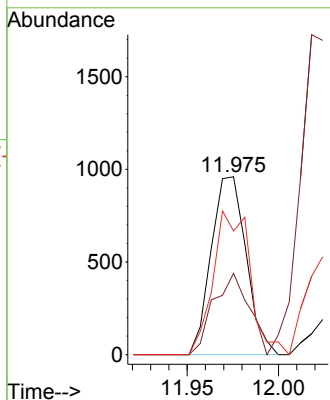
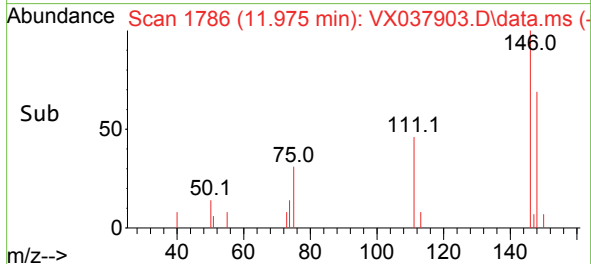


#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 11.975 min Scan# 1797
Delta R.T. -0.067 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

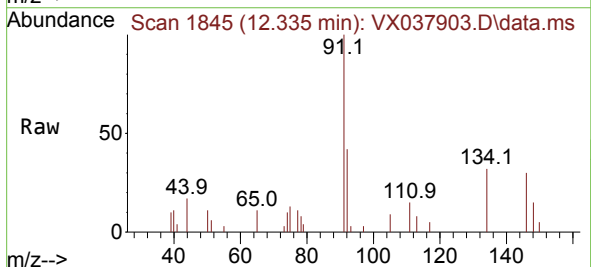
Instrument :
MSVOA_X
ClientSampleId :



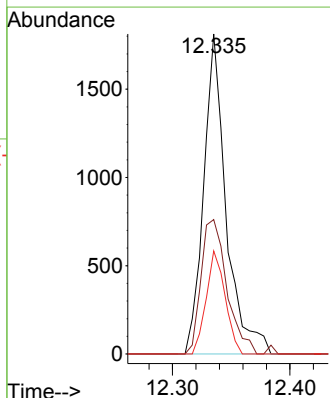
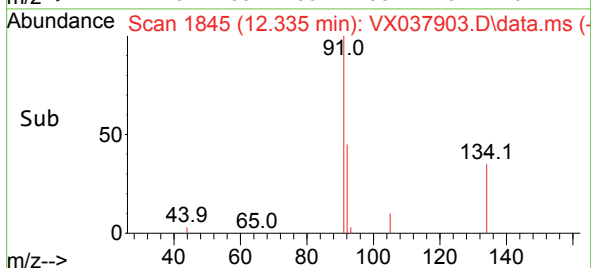
Tgt Ion:146 Resp: 1281
Ion Ratio Lower Upper
146 100
111 45.9 21.3 63.7
148 84.8 31.8 95.4

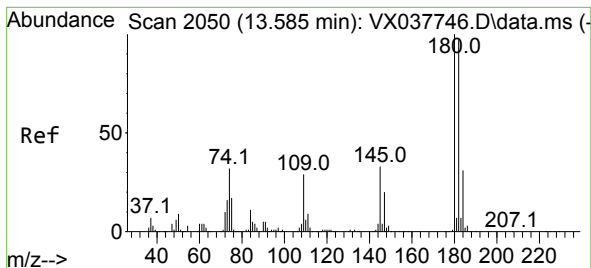


#89
n-Butylbenzene
Concen: 0.246 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24



Tgt Ion: 91 Resp: 2400
Ion Ratio Lower Upper
91 100
92 48.5 27.4 82.0
134 27.3 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.463 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037903.D

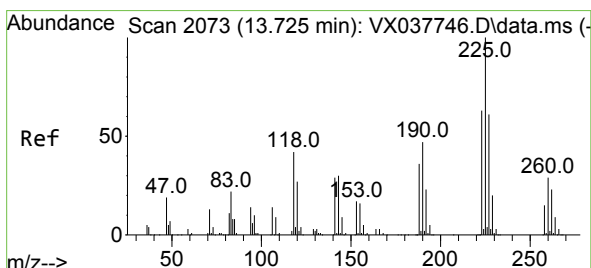
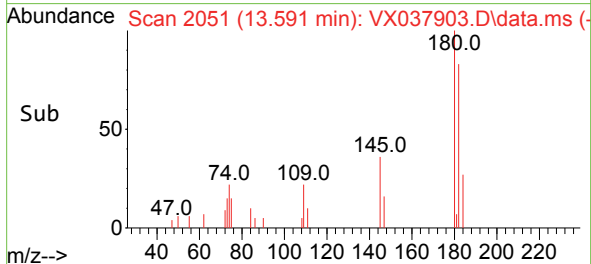
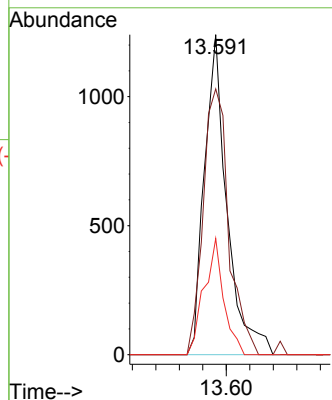
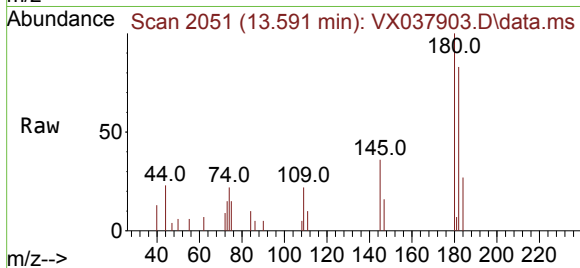
Acq: 26 Sep 2023 12:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1654
Ion Ratio	Lower	Upper
180	100	
182	94.1	48.3 144.8
145	31.5	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.486 ug/l

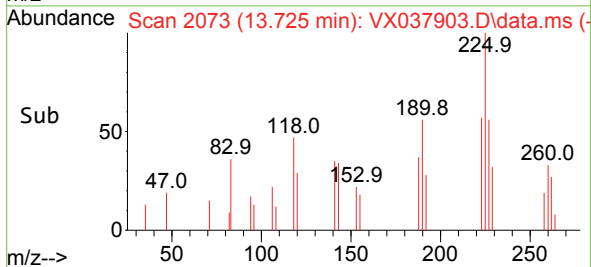
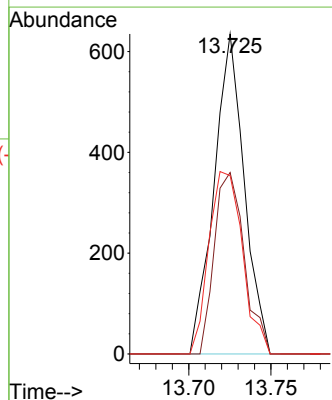
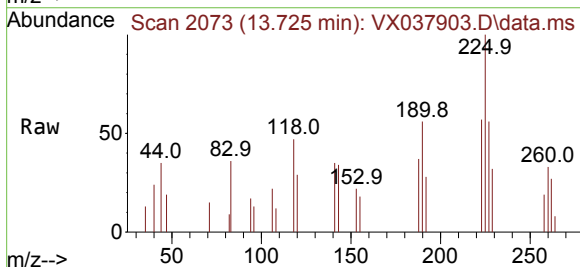
RT: 13.725 min Scan# 2073

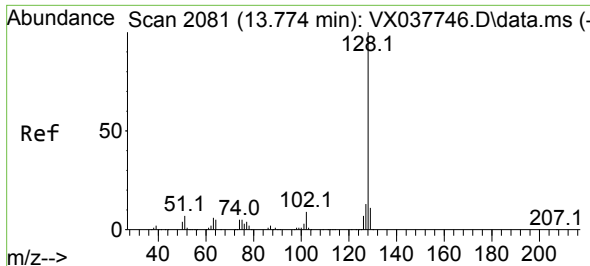
Delta R.T. -0.000 min

Lab File: VX037903.D

Acq: 26 Sep 2023 12:24

Tgt Ion:225	Resp:	811
Ion Ratio	Lower	Upper
225	100	
223	56.1	31.1 93.2
227	63.5	32.5 97.5

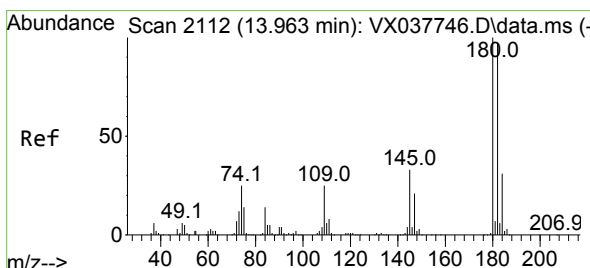
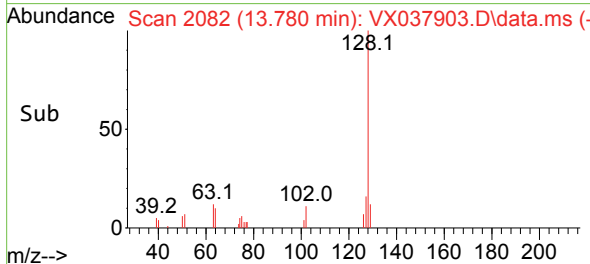
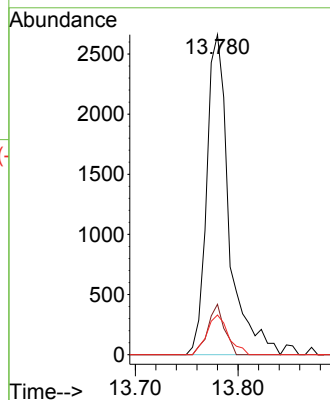
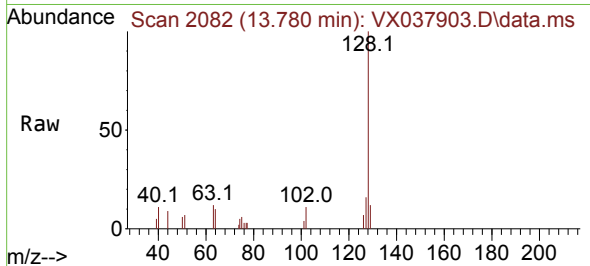




#95
Naphthalene
Concen: 0.333 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	12.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.403 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037903.D
Acq: 26 Sep 2023 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.5	46.9	140.6
145	40.4	17.8	53.5

