

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039556.D
 Acq On : 29 Dec 2023 19:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 30 02:07:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76964	50.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.385	113	57876	46.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.360%			
50) Toluene-d8	8.647	98	229648	49.353	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.700%			
62) 4-Bromofluorobenzene	11.079	95	101348	52.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.580%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	390	0.557	ug/l #	72
6) Chloroethane	1.691	64	289	0.394	ug/l #	43
11) Tert butyl alcohol	2.953	59	526	1.362	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	225	0.208	ug/l #	51
13) Acrolein	2.239	56	359	1.165	ug/l #	64
15) Acrylonitrile	3.069	53	766	0.991	ug/l #	84
16) Acetone	2.380	43	684	Below Cal	#	89
17) Carbon Disulfide	2.514	76	2284	0.723	ug/l #	79
18) Methyl Acetate	2.709	43	862	0.259	ug/l #	88
20) Methylene Chloride	2.794	84	1228	0.958	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	492	0.419	ug/l #	77
23) Vinyl Acetate	3.751	43	690	0.233	ug/l #	73
29) Tetrahydrofuran	5.050	42	203	0.277	ug/l #	34
31) Cyclohexane	5.465	56	400	0.201	ug/l #	47
36) 1,1-Dichloropropene	5.696	75	523	0.264	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9581	5.076	ug/l #	15
44) Trichloroethene	7.135	130	335	0.237	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.257	63	217	0.215	ug/l #	47
67) Ethyl Benzene	10.195	91	2237	0.295	ug/l	100
68) m/p-Xylenes	10.305	106	972	0.358	ug/l	88
74) N-amyl acetate	10.854	43	1017	0.291	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	54481	23.531	ug/l #	39
77) Bromobenzene	11.201	156	368	0.241	ug/l	80
78) n-propylbenzene	11.305	91	3067	0.361	ug/l	91
79) 2-Chlorotoluene	11.366	91	1109	0.216	ug/l	75
81) trans-1,4-Dichloro-2-b...	11.079	75	54481	66.381	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1422	0.235	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1375	0.228	ug/l	96
87) 1,3-Dichlorobenzene	11.976	146	986	0.329	ug/l	90
88) 1,4-Dichlorobenzene	11.976	146	986	0.316	ug/l	89
89) n-Butylbenzene	12.335	91	2784	0.474	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	655	0.228	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	977	0.520	ug/l #	80
94) Hexachlorobutadiene	13.731	225	263	0.371	ug/l	88
95) Naphthalene	13.774	128	17797	2.719	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	888	0.489	ug/l #	87

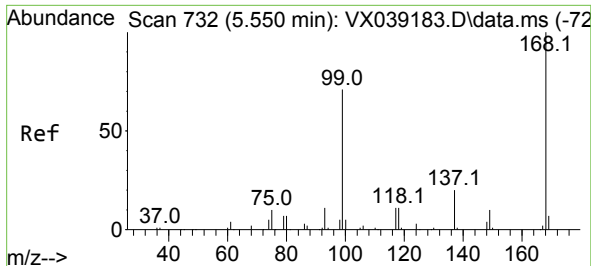
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
Data File : VX039556.D
Acq On : 29 Dec 2023 19:20
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Dec 30 02:07:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

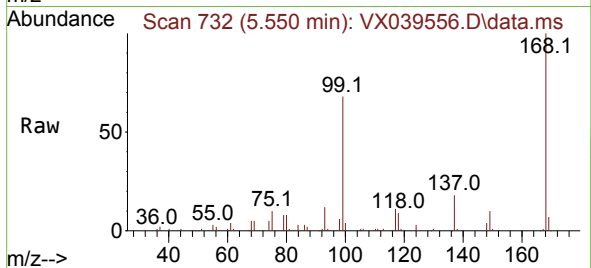
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

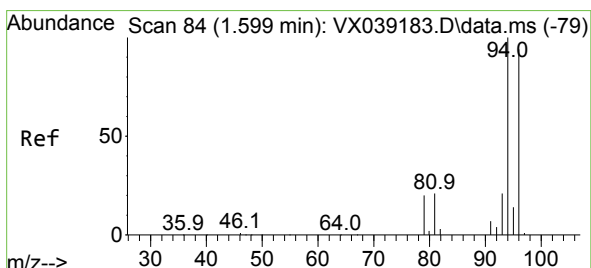
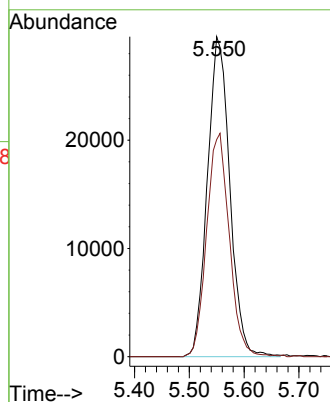
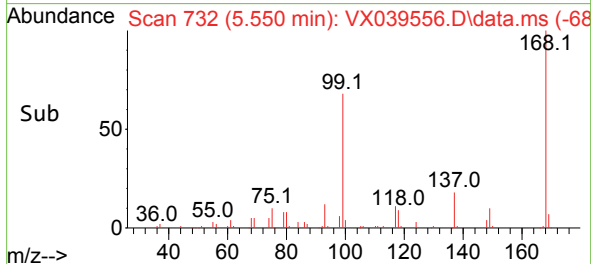


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

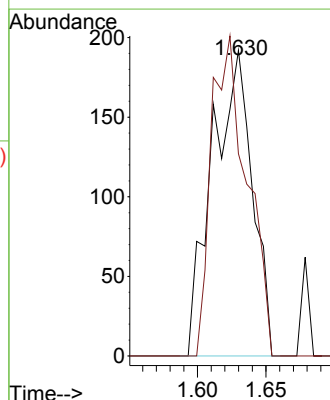
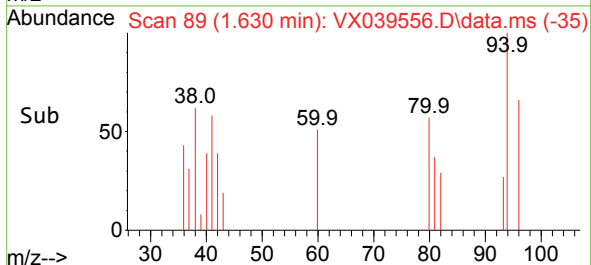
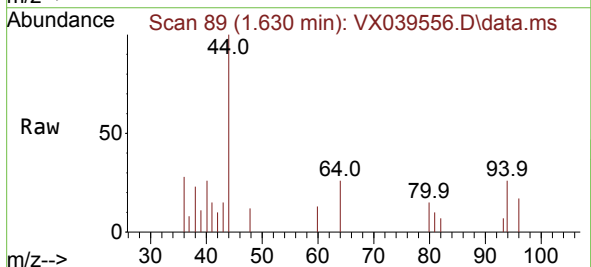


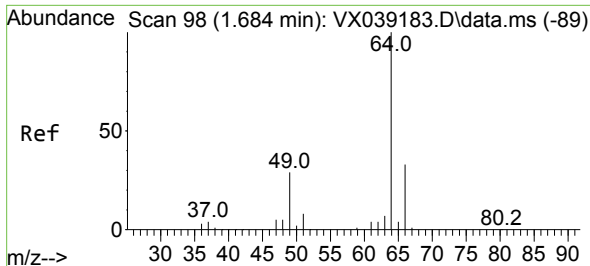
Tgt Ion:168 Resp: 83955
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#5
Bromomethane
Concen: 0.557 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 66.1 74.6 111.8#

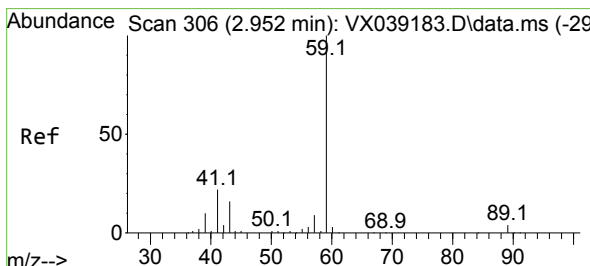
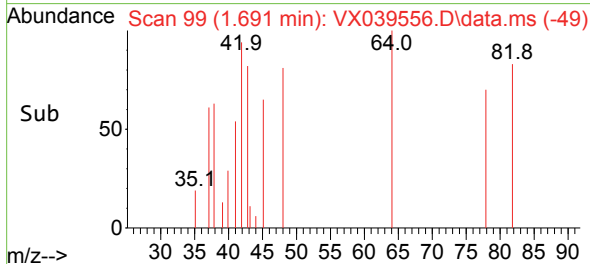
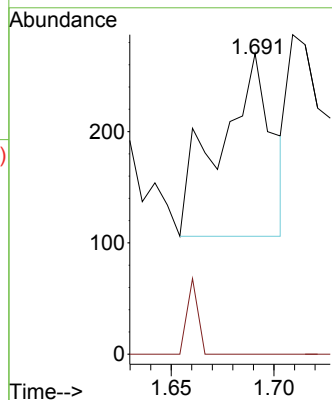
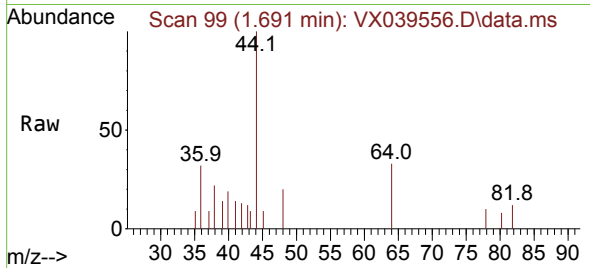




#6
Chloroethane
Concen: 0.394 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

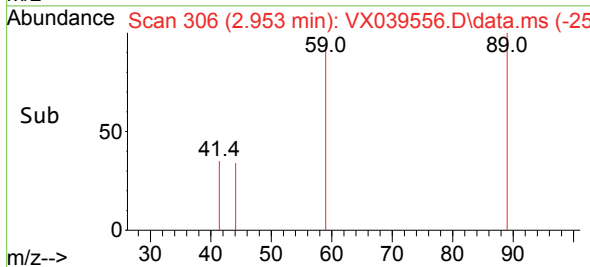
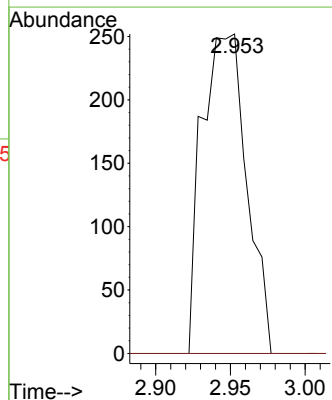
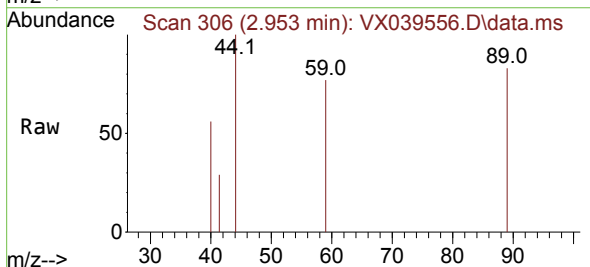
Instrument :
MSVOA_X
ClientSampleId :
IBLK

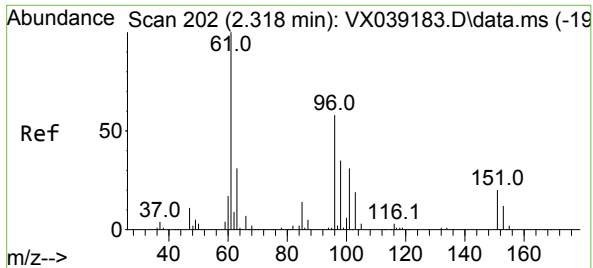
Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.362 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.208 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

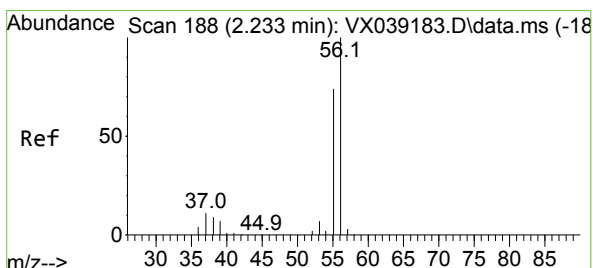
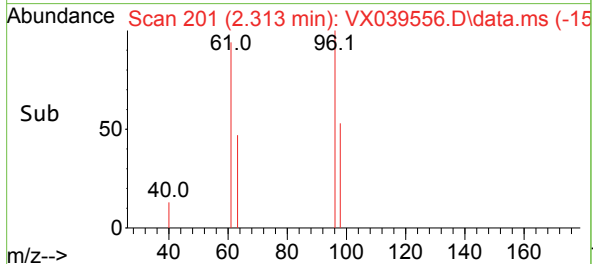
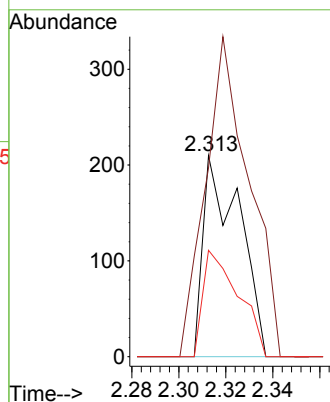
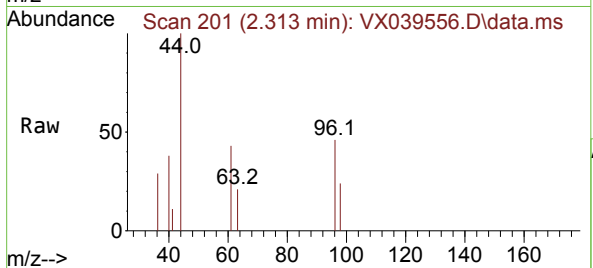
Tgt Ion: 96 Resp: 225

Ion Ratio Lower Upper

96 100

61 93.8 144.6 216.8#

98 52.9 50.4 75.6



#13

Acrolein

Concen: 1.165 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX039556.D

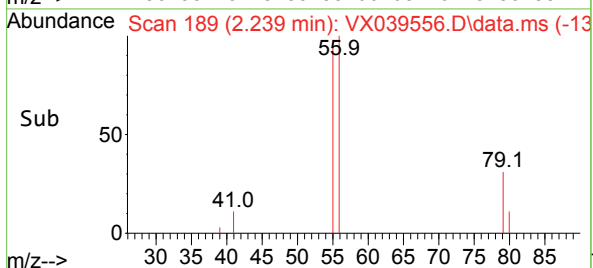
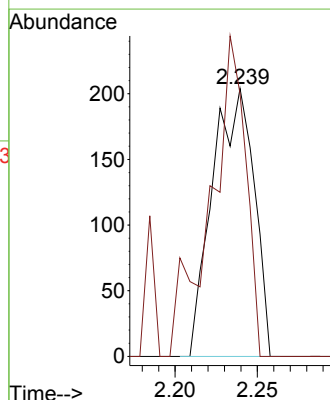
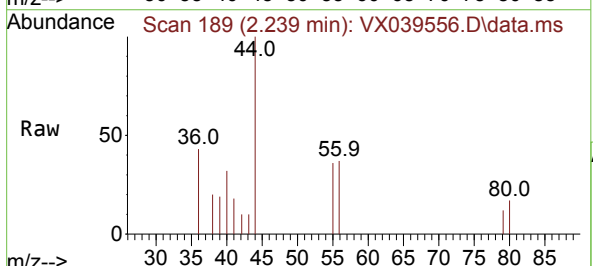
Acq: 29 Dec 2023 19:20

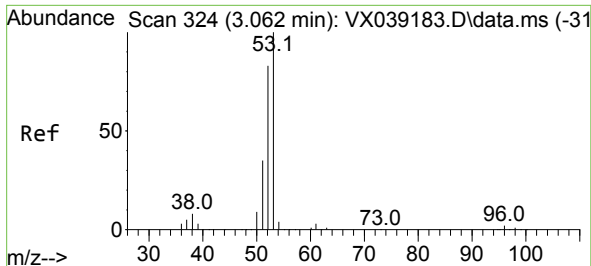
Tgt Ion: 56 Resp: 359

Ion Ratio Lower Upper

56 100

55 101.7 57.1 85.7#

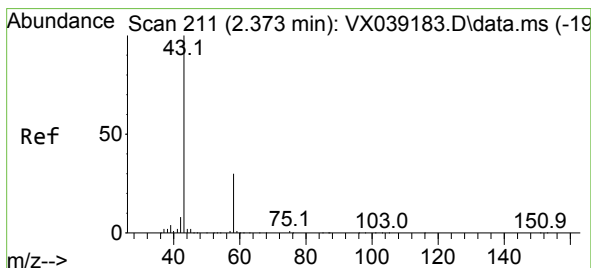
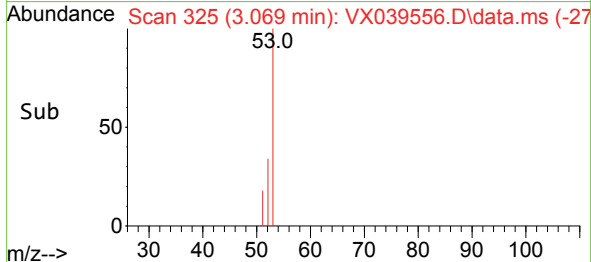
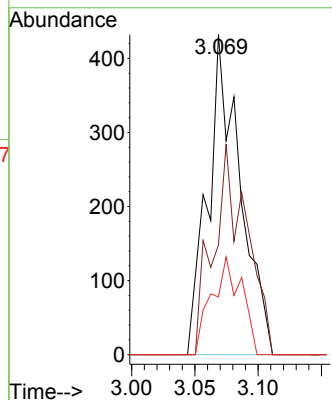
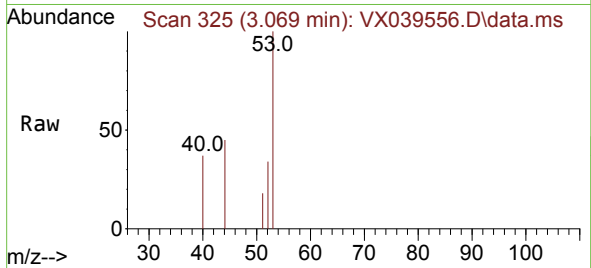




#15
Acrylonitrile
Concen: 0.991 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

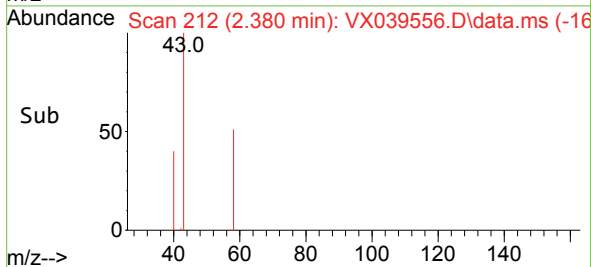
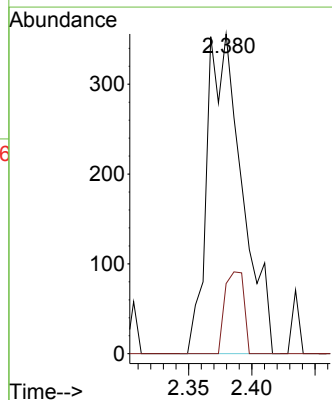
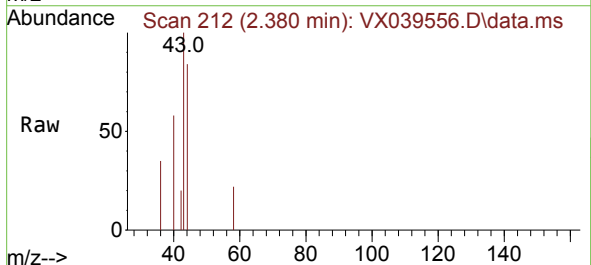
Instrument :
MSVOA_X
ClientSampleId :
IBLK

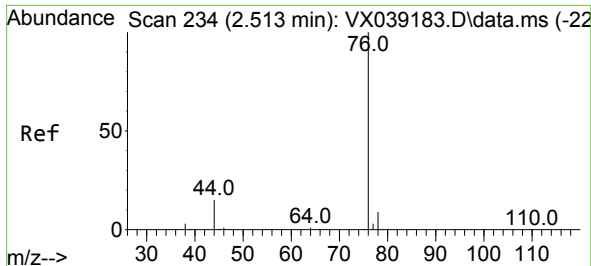
Tgt Ion: 53 Resp: 766
Ion Ratio Lower Upper
53 100
52 67.9 66.0 99.0
51 28.2 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.723 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

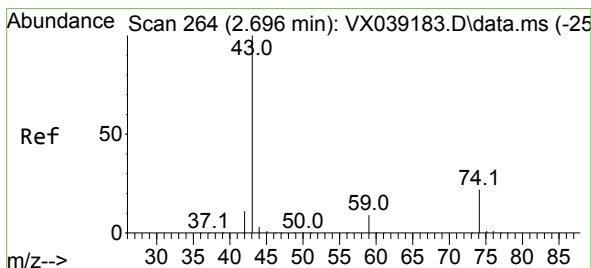
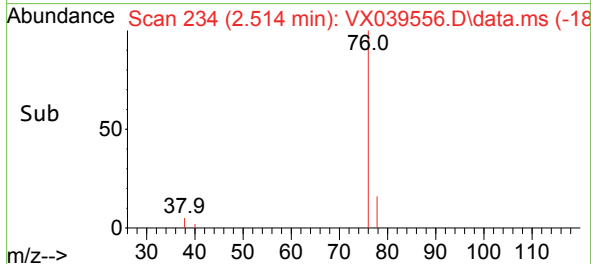
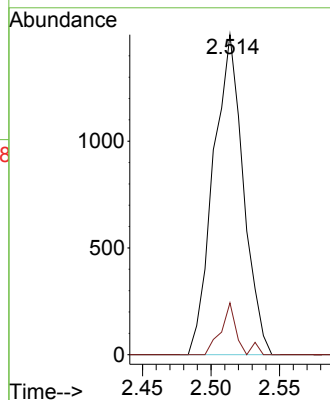
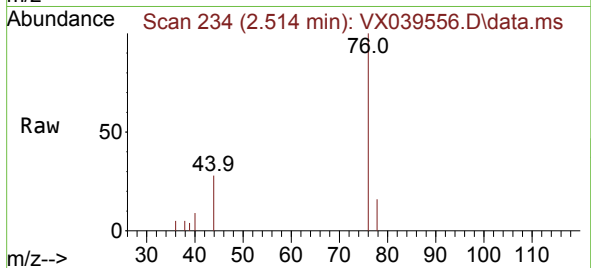
IBLK

Tgt Ion: 76 Resp: 2284

Ion Ratio Lower Upper

76 100

78 16.2 7.0 10.6#



#18

Methyl Acetate

Concen: 0.259 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.013 min

Lab File: VX039556.D

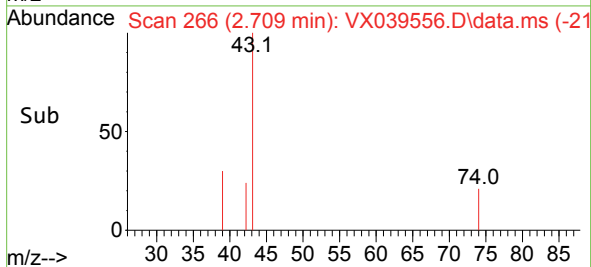
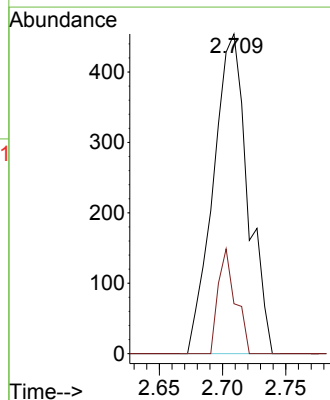
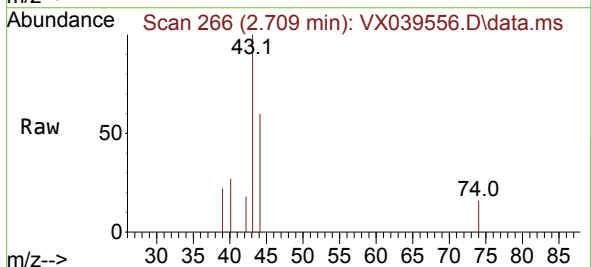
Acq: 29 Dec 2023 19:20

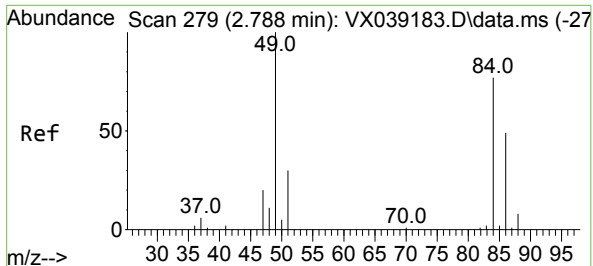
Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

74 16.5 17.8 26.8#

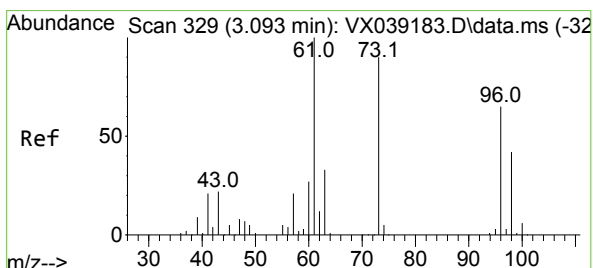
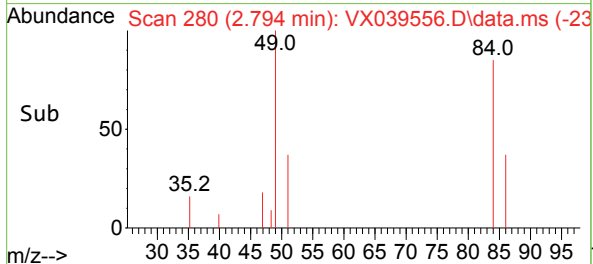
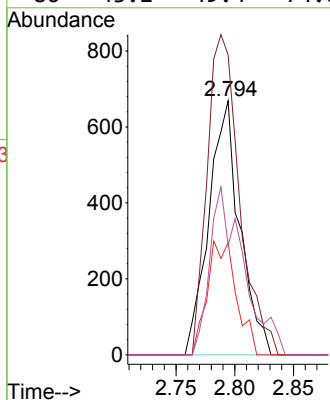
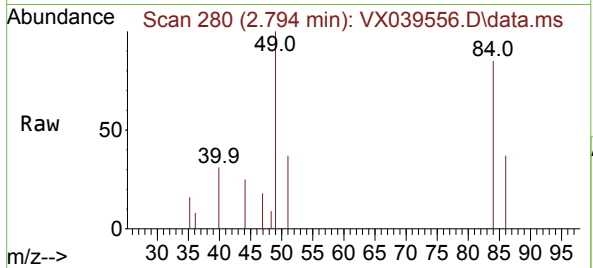




#20
Methylene Chloride
Concen: 0.958 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

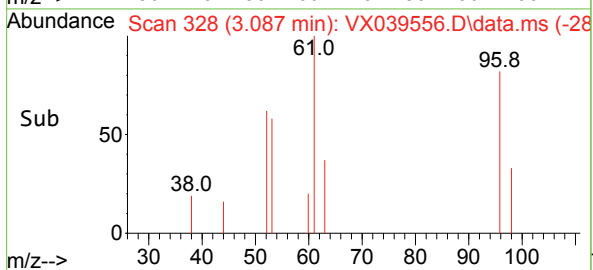
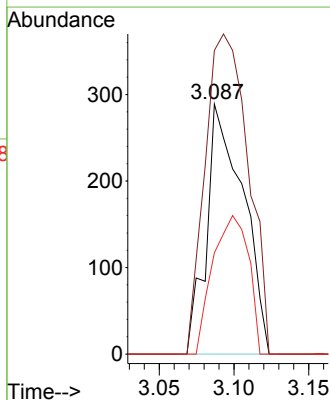
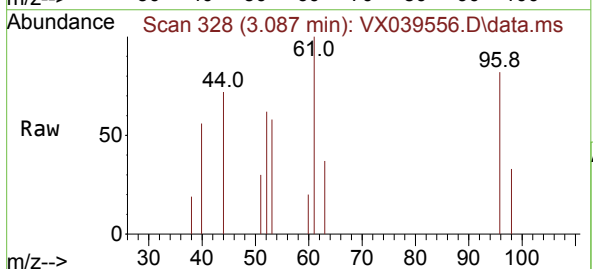
Instrument :
MSVOA_X
ClientSampleId :
IBLK

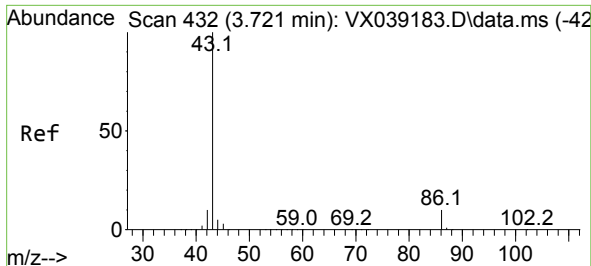
Tgt Ion: 84	Resp: 1228
Ion Ratio	Lower Upper
84 100	
49 118.1	103.6 155.4
51 44.1	33.8 50.6
86 43.2	49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.419 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 96	Resp: 492		
Ion Ratio	Lower	Upper	
96 100			
61 121.5	119.2	178.8	
98 40.5	48.7	73.1#	

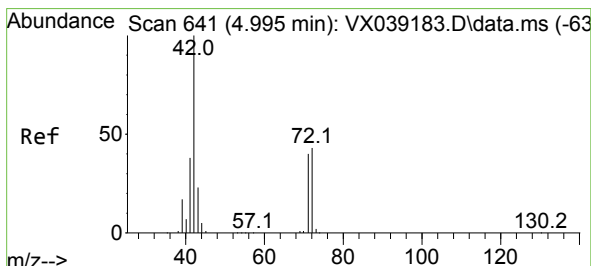
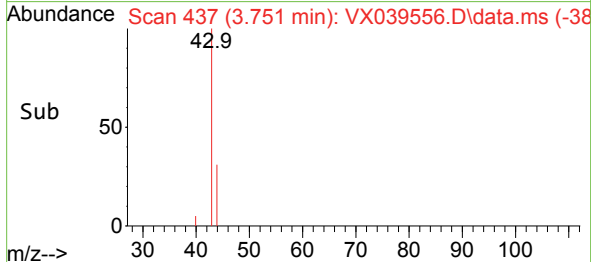
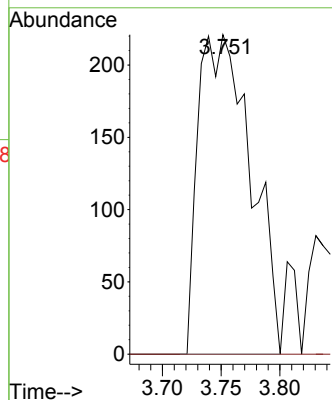
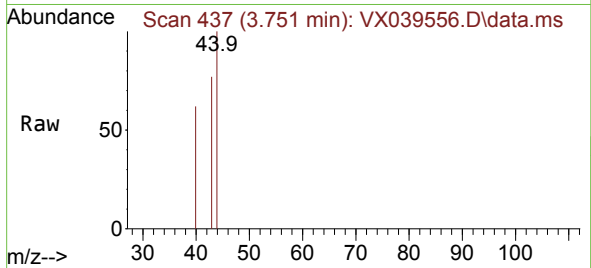




#23
 Vinyl Acetate
 Concen: 0.233 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.031 min
 Lab File: VX039556.D
 Acq: 29 Dec 2023 19:20

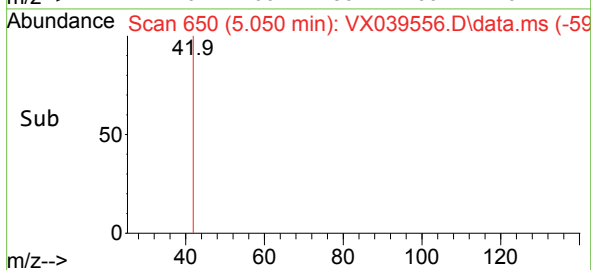
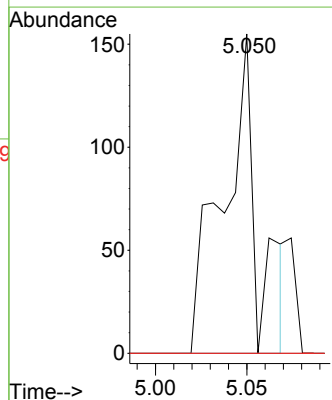
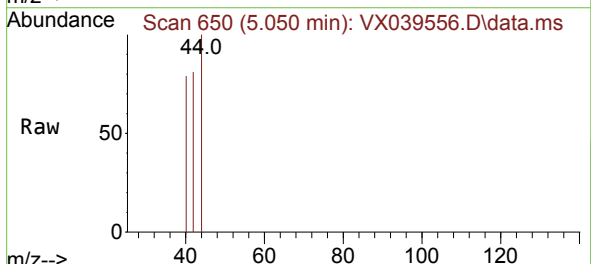
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

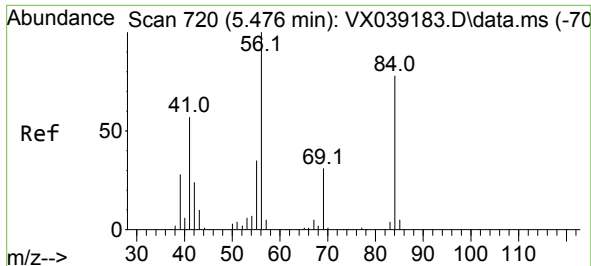
Tgt Ion: 43 Resp: 690
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#29
 Tetrahydrofuran
 Concen: 0.277 ug/l
 RT: 5.050 min Scan# 650
 Delta R.T. 0.055 min
 Lab File: VX039556.D
 Acq: 29 Dec 2023 19:20

Tgt Ion: 42 Resp: 203
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.2 51.4#
 71 0.0 32.2 48.2#

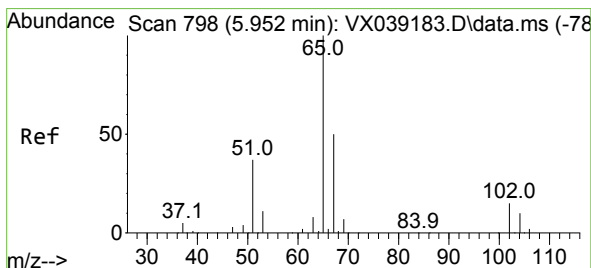
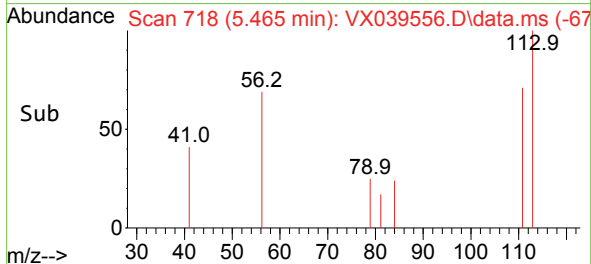
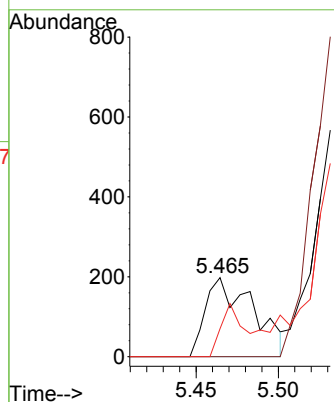
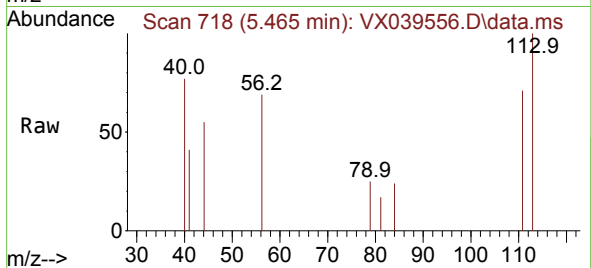




#31
Cyclohexane
Concen: 0.201 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

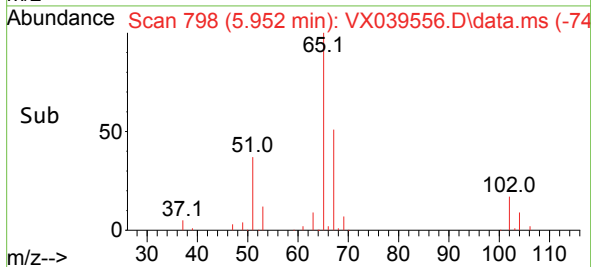
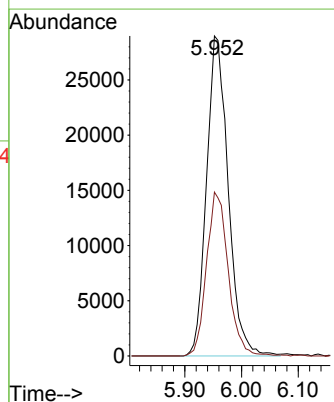
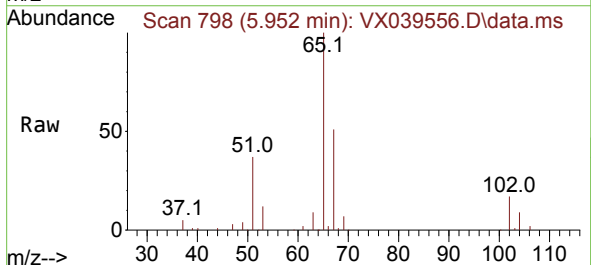
Instrument :
MSVOA_X
ClientSampleId :
IBLK

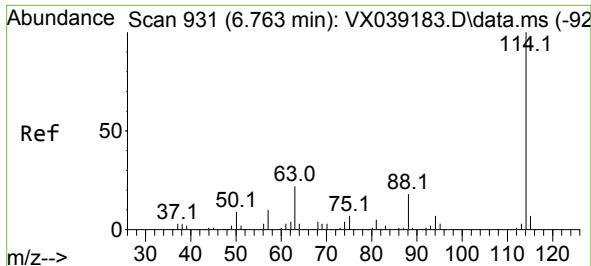
Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 35.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 65 Resp: 76964
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

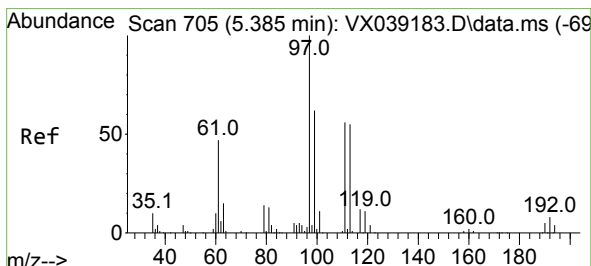
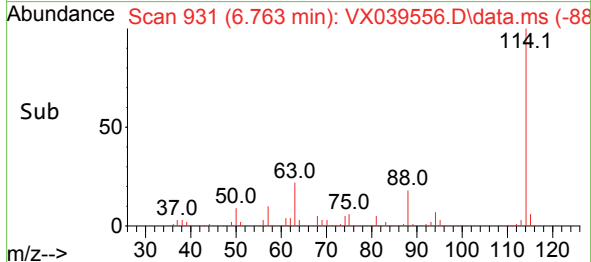
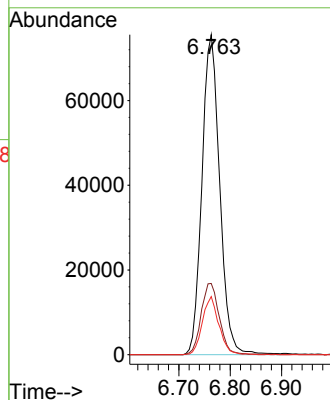
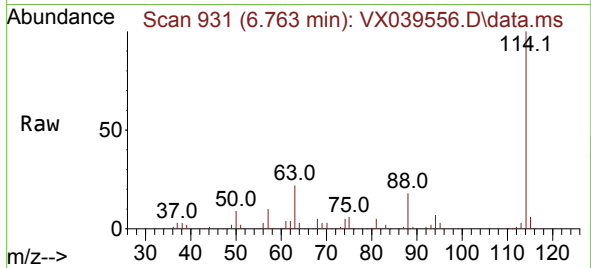




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

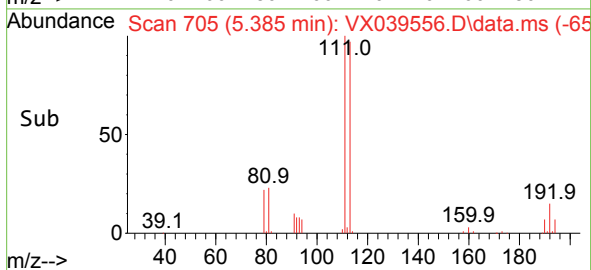
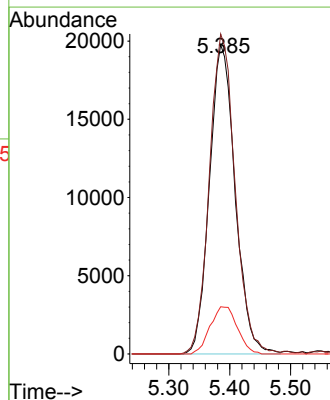
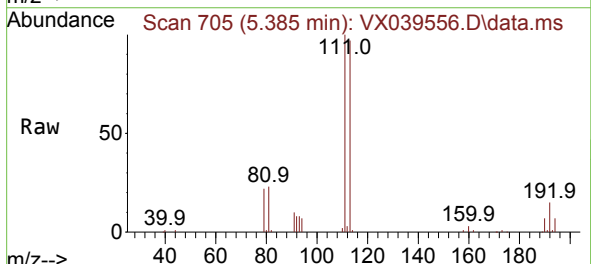
Instrument :
MSVOA_X
ClientSampleId :
IBLK

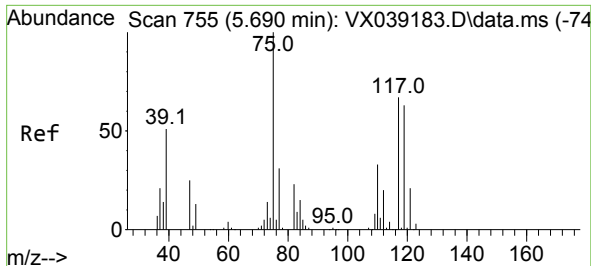
Tgt Ion:114 Resp: 181423
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 18.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.177 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion:113 Resp: 57876
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 0.264 ug/l

RT: 5.696 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

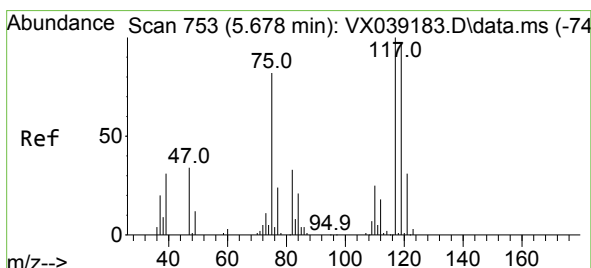
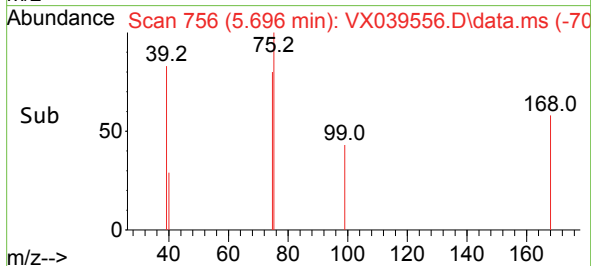
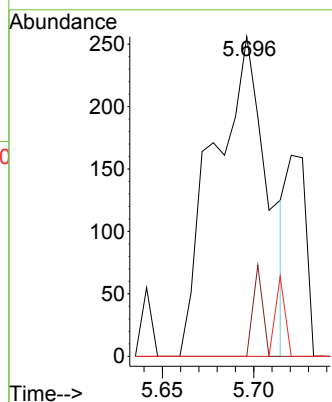
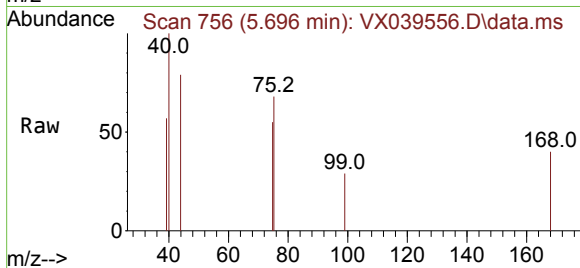
Tgt Ion: 75 Resp: 523

Ion Ratio Lower Upper

75 100

110 5.2 17.0 50.9#

77 4.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.076 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

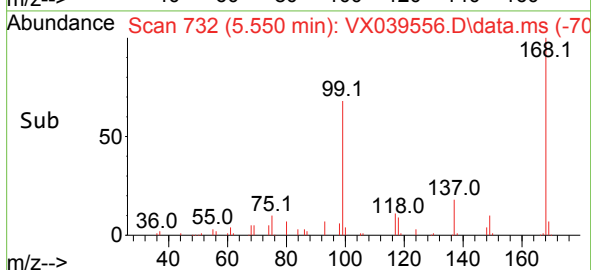
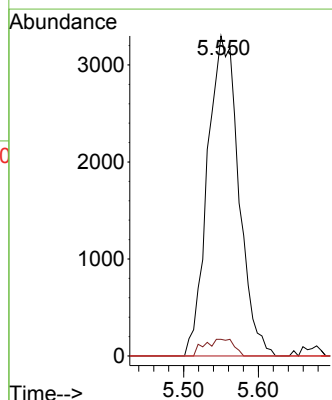
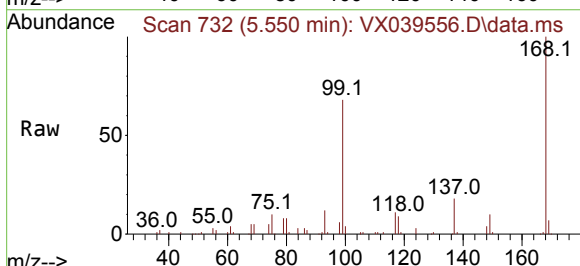
Tgt Ion: 117 Resp: 9581

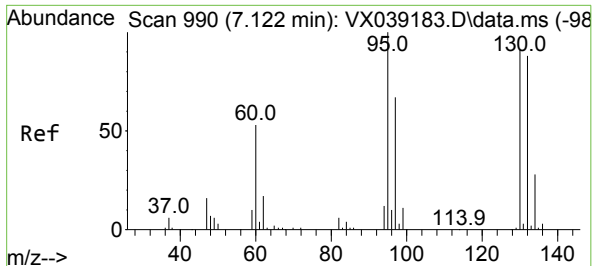
Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#

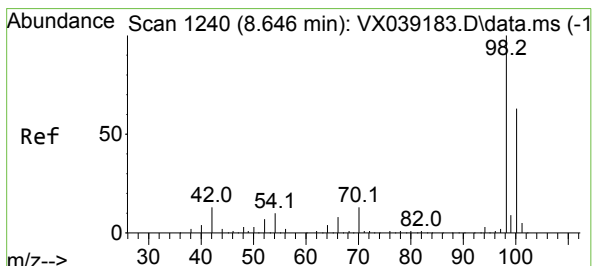
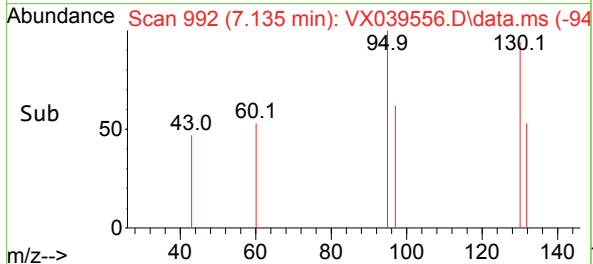
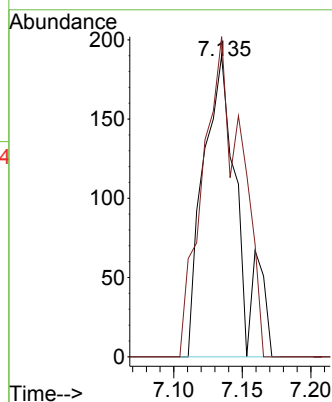
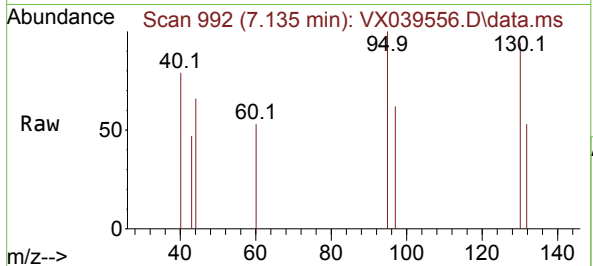




#44
Trichloroethene
Concen: 0.237 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.013 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

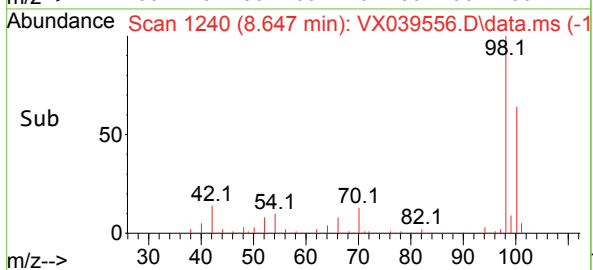
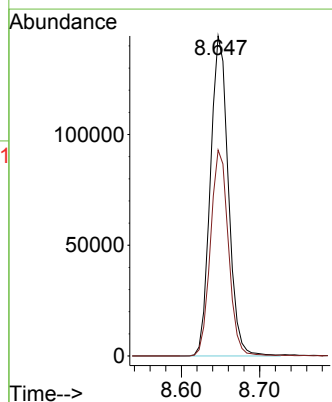
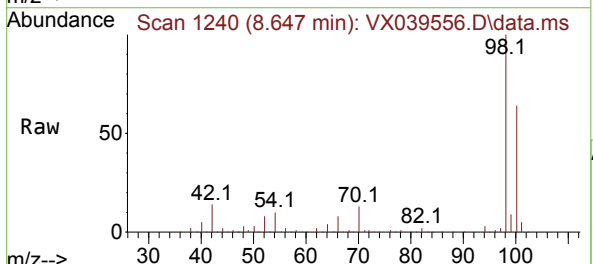
Instrument :
MSVOA_X
ClientSampleId :
IBLK

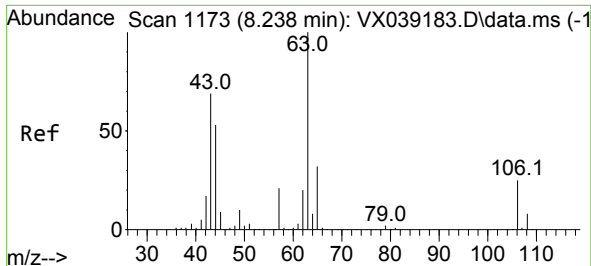
Tgt Ion:130 Resp: 335
Ion Ratio Lower Upper
130 100
95 106.3 0.0 204.4



#50
Toluene-d8
Concen: 49.353 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 98 Resp: 229648
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

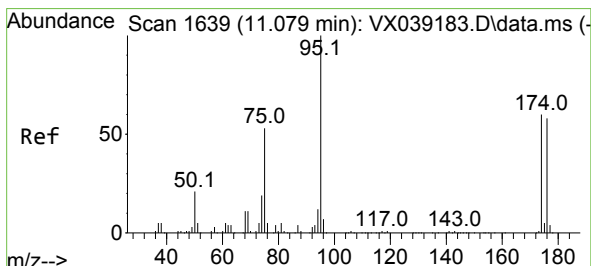
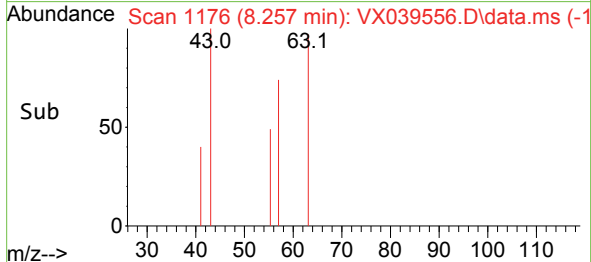
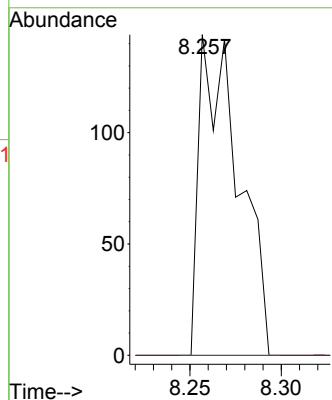
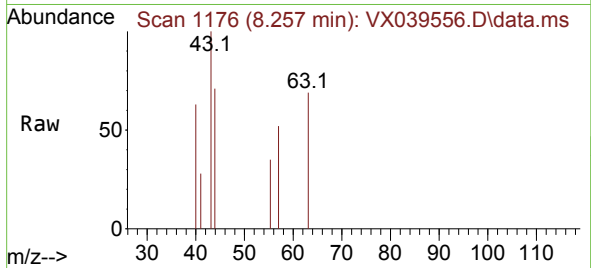




#58
2-Chloroethyl Vinyl ether
Concen: 0.215 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

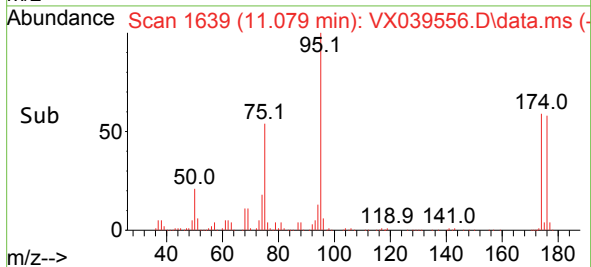
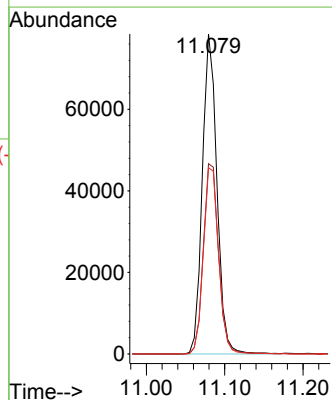
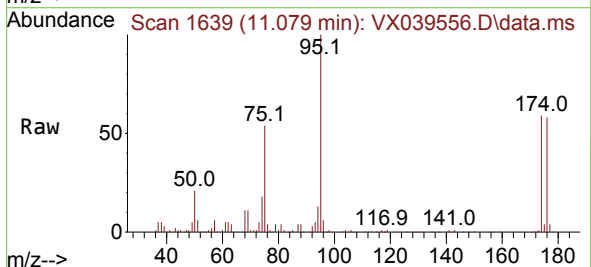
Instrument :
MSVOA_X
ClientSampleId :
IBLK

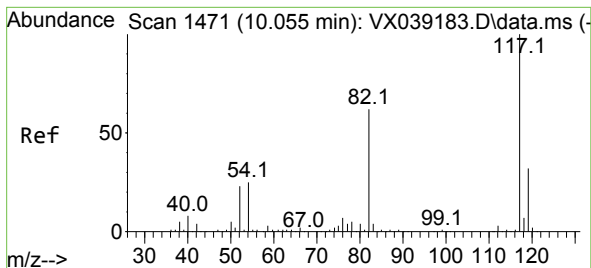
Tgt Ion: 63 Resp: 217
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#62
4-Bromofluorobenzene
Concen: 52.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 95 Resp: 101348
Ion Ratio Lower Upper
95 100
174 62.5 0.0 135.6
176 60.8 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: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

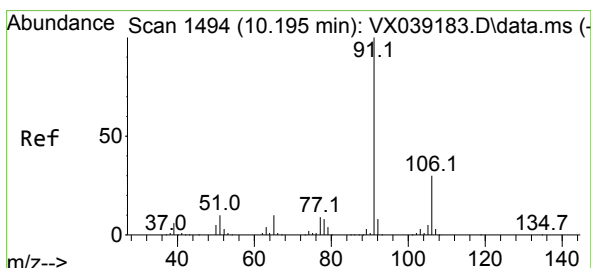
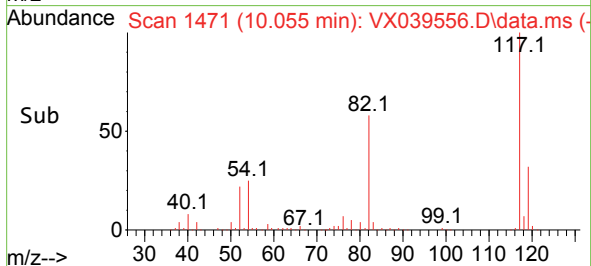
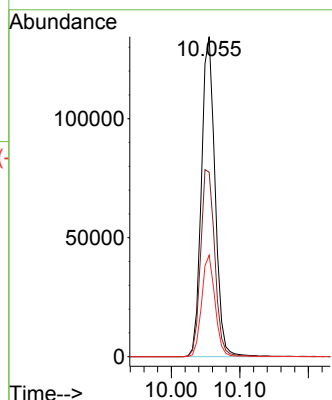
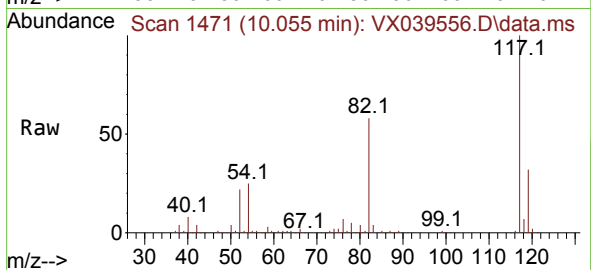
Tgt Ion:117 Resp: 186477

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 31.7 25.5 38.3



#67

Ethyl Benzene

Concen: 0.295 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039556.D

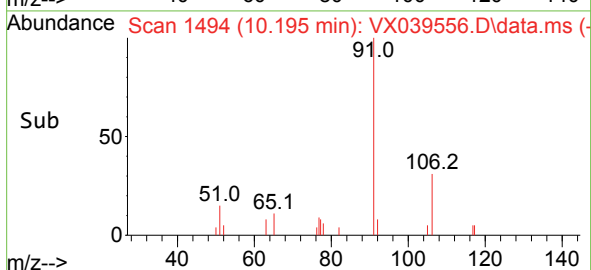
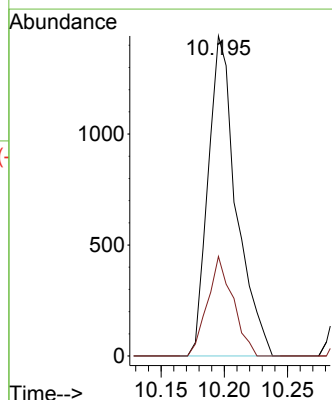
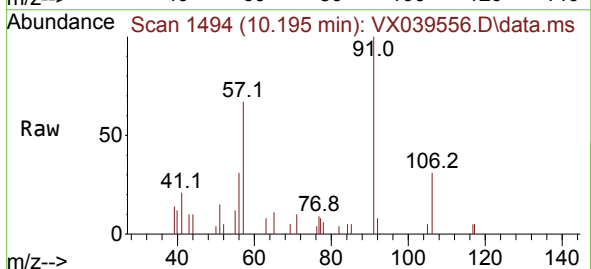
Acq: 29 Dec 2023 19:20

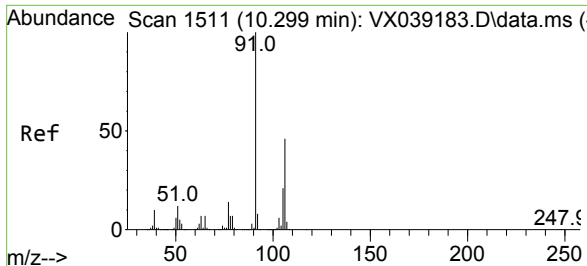
Tgt Ion: 91 Resp: 2237

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3

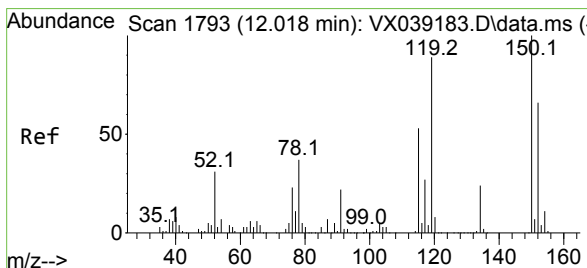
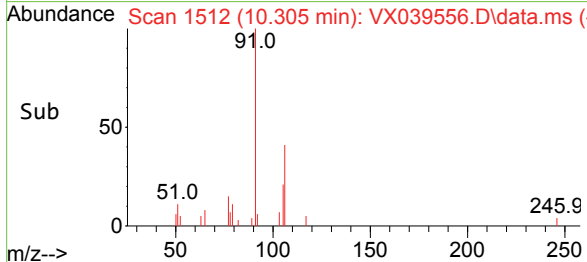
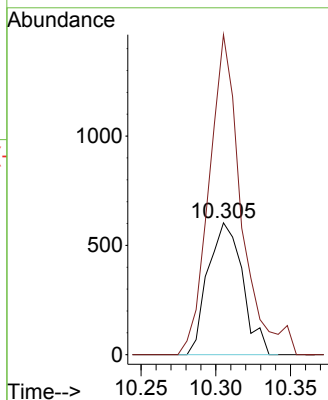
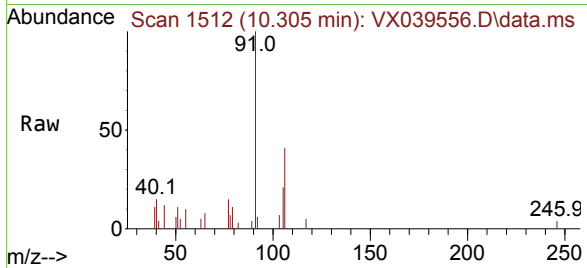




#68
m/p-Xylenes
Concen: 0.358 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

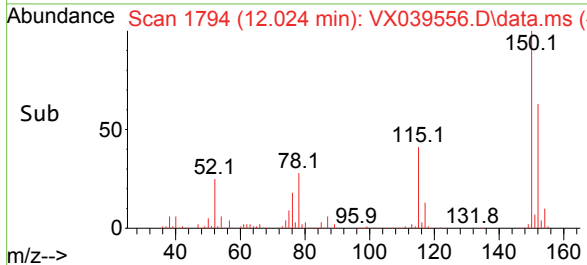
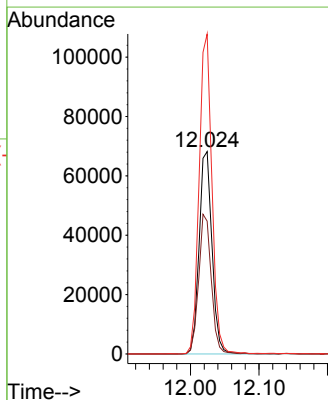
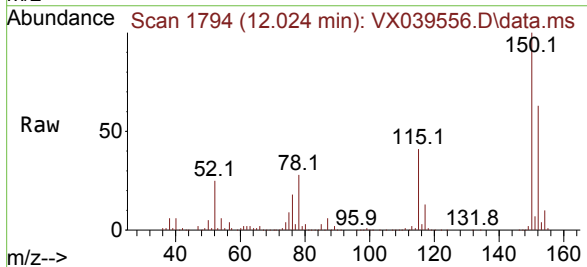
Instrument :
MSVOA_X
ClientSampleId :
IBLK

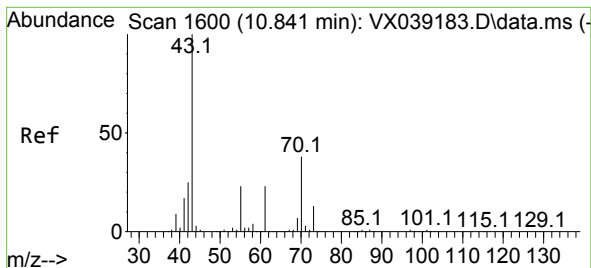
Tgt Ion:106 Resp: 972
Ion Ratio Lower Upper
106 100
91 225.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion:152 Resp: 89490
Ion Ratio Lower Upper
152 100
115 67.4 43.3 129.9
150 156.8 0.0 345.0





#74

N-amy1 acetate

Concen: 0.291 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 43 Resp: 1017

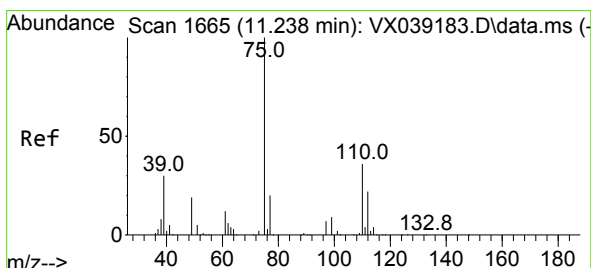
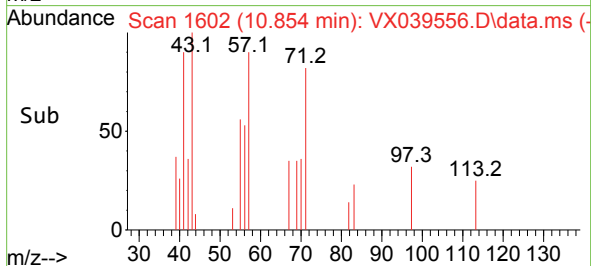
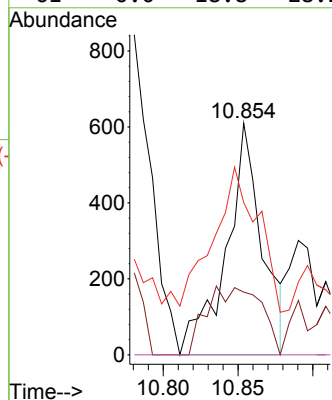
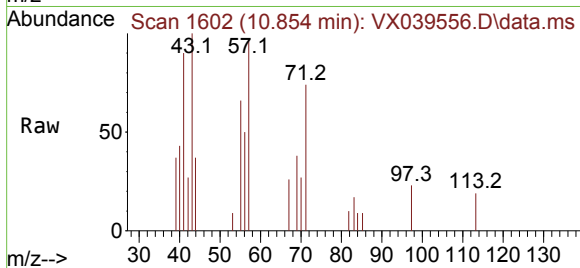
Ion Ratio Lower Upper

43 100

70 44.7 32.9 49.3

55 77.8 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 23.531 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039556.D

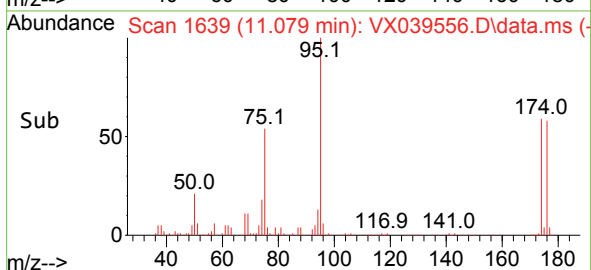
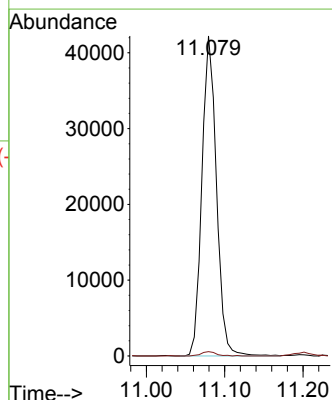
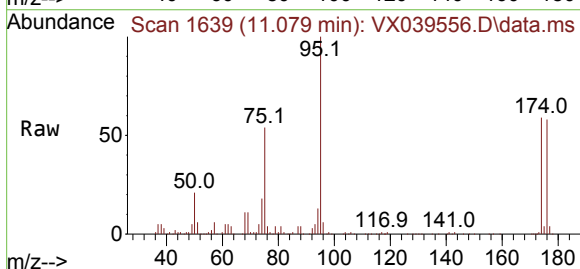
Acq: 29 Dec 2023 19:20

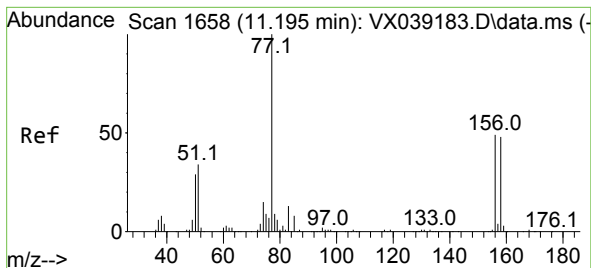
Tgt Ion: 75 Resp: 54481

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#





#77

Bromobenzene

Concen: 0.241 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

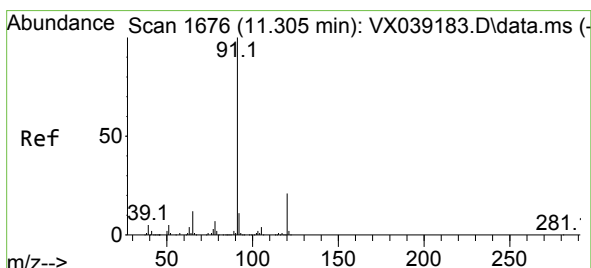
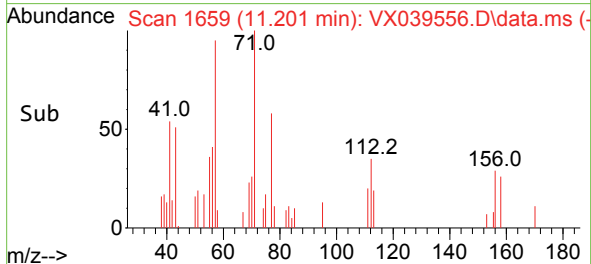
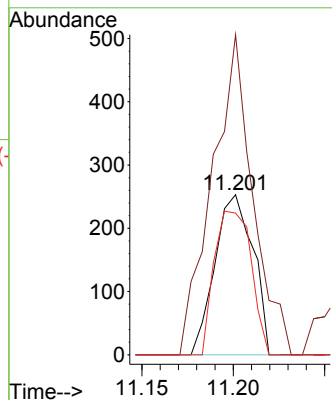
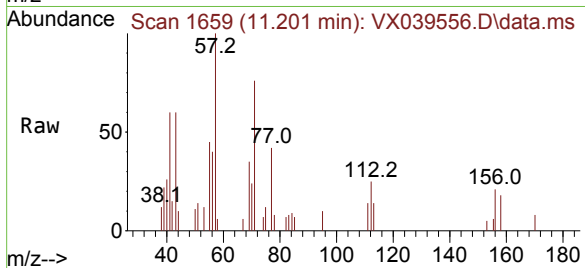
Tgt Ion:156 Resp: 368

Ion Ratio Lower Upper

156 100

77 212.0 88.4 265.3

158 86.4 48.0 144.0



#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039556.D

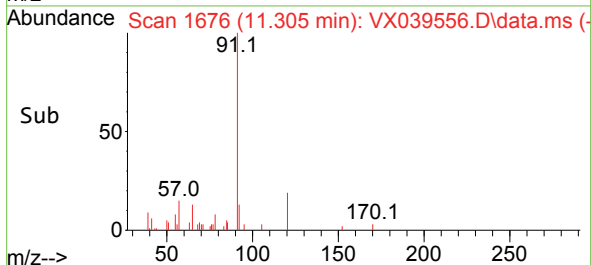
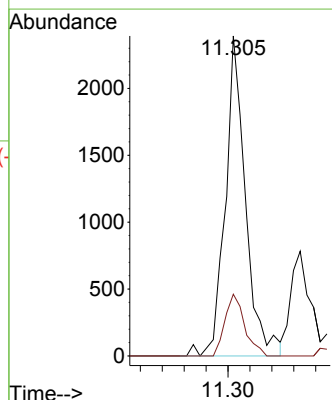
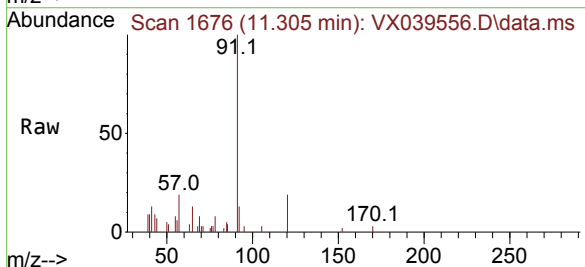
Acq: 29 Dec 2023 19:20

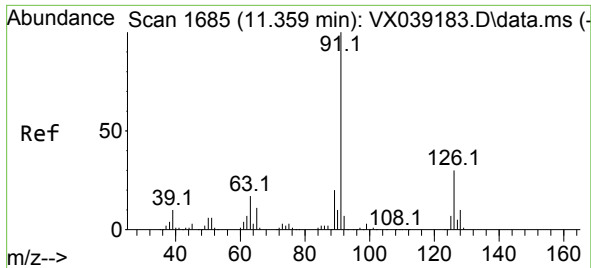
Tgt Ion: 91 Resp: 3067

Ion Ratio Lower Upper

91 100

120 18.8 11.5 34.4

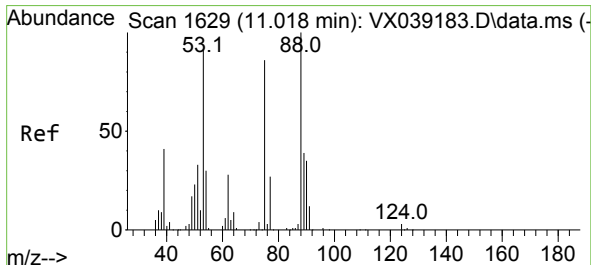
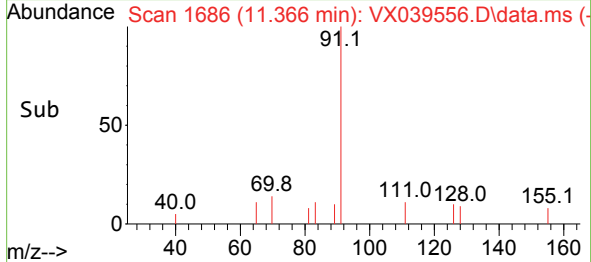
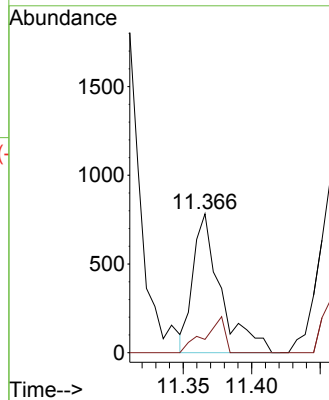
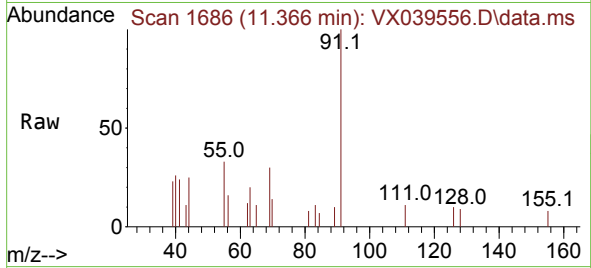




#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

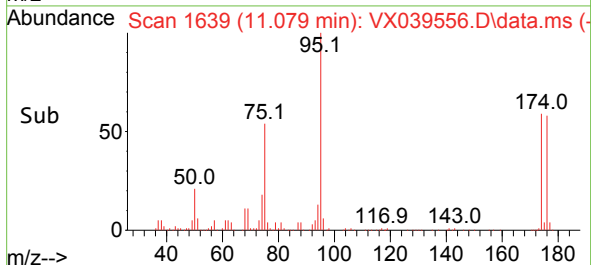
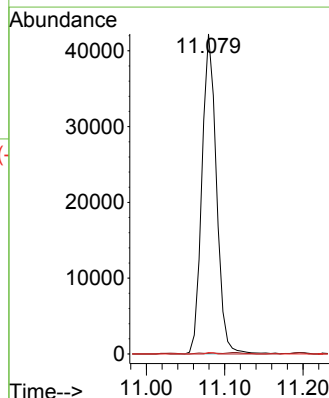
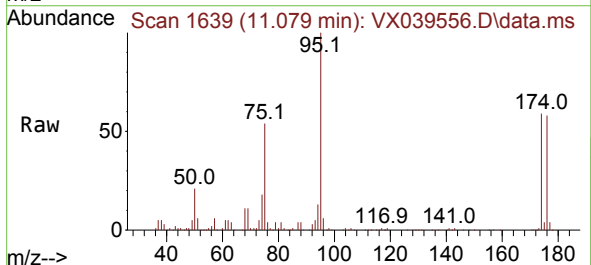
Instrument :
MSVOA_X
ClientSampleId :
IBLK

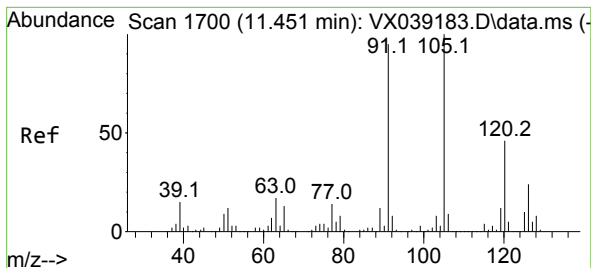
Tgt Ion: 91 Resp: 1109
Ion Ratio Lower Upper
91 100
126 18.7 16.3 48.8



#81
trans-1,4-Dichloro-2-butene
Concen: 66.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039556.D
Acq: 29 Dec 2023 19:20

Tgt Ion: 75 Resp: 54481
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.2 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.235 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

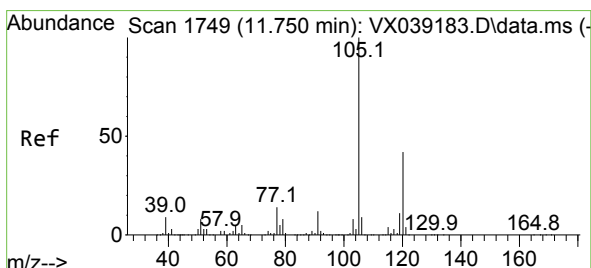
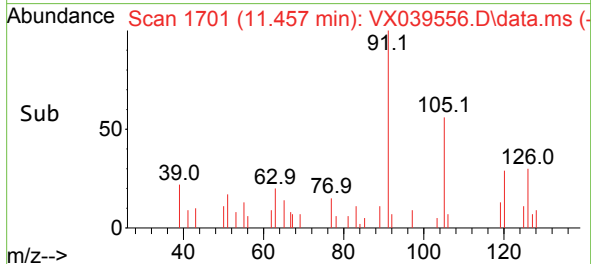
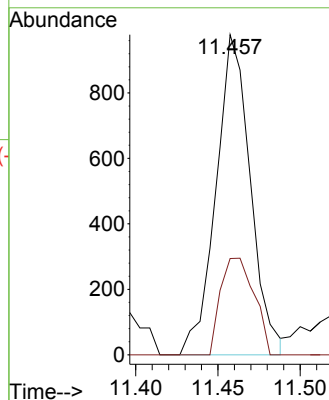
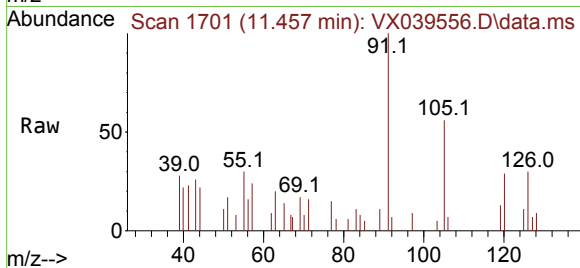
IBLK

Tgt Ion: 91 Resp: 1422

Ion Ratio Lower Upper

91 100

126 29.4 14.2 42.6



#84

1,2,4-Trimethylbenzene

Concen: 0.228 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX039556.D

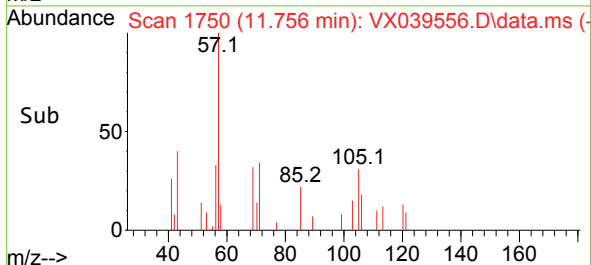
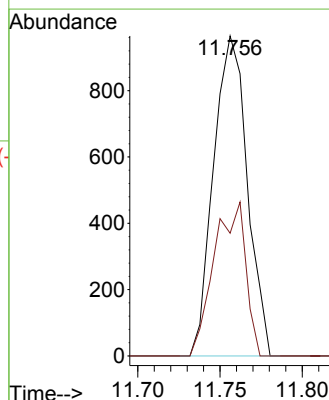
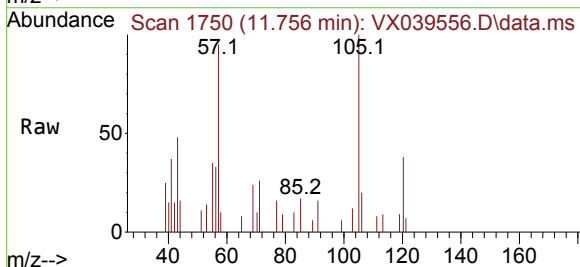
Acq: 29 Dec 2023 19:20

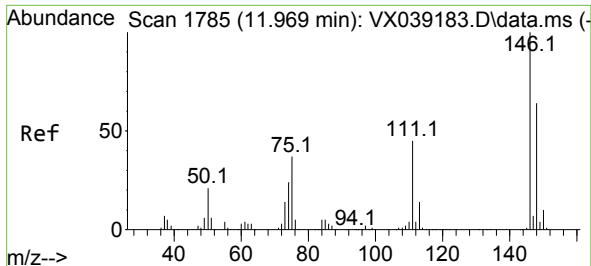
Tgt Ion: 105 Resp: 1375

Ion Ratio Lower Upper

105 100

120 45.2 21.2 63.6





#87

1,3-Dichlorobenzene

Concen: 0.329 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

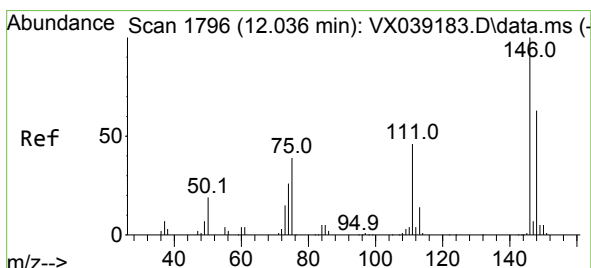
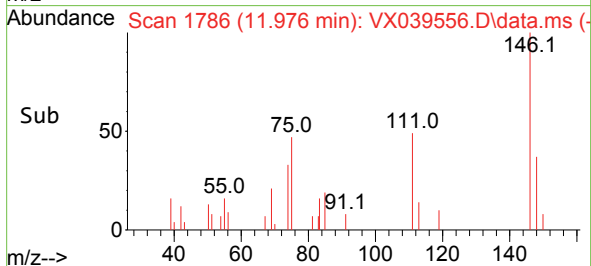
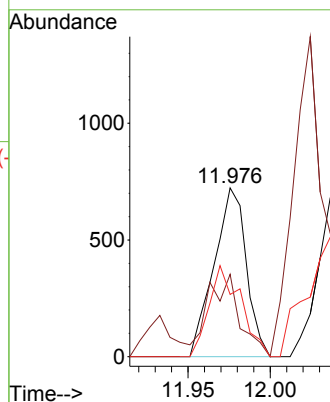
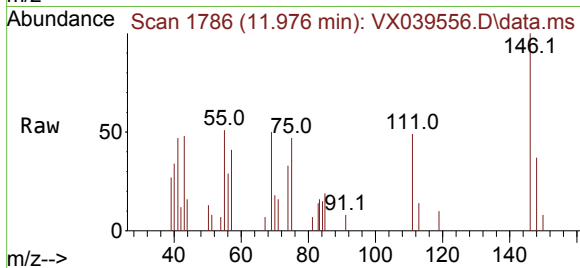
Tgt Ion:146 Resp: 986

Ion Ratio Lower Upper

146 100

111 47.9 22.1 66.1

148 53.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.316 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

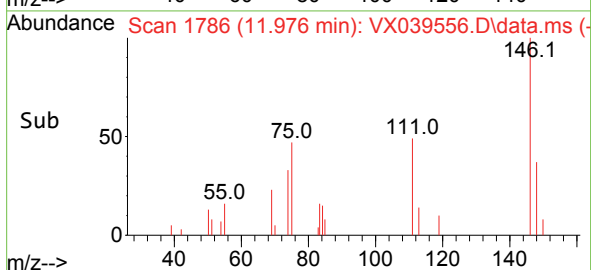
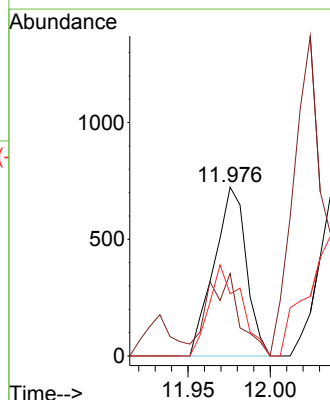
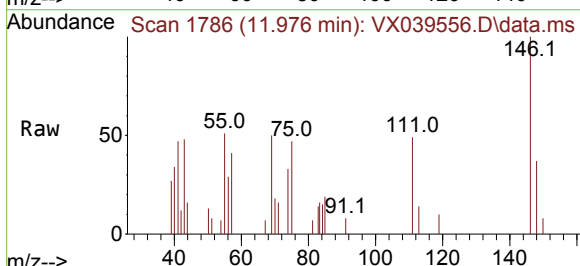
Tgt Ion:146 Resp: 986

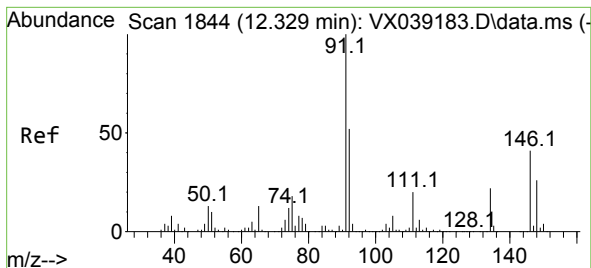
Ion Ratio Lower Upper

146 100

111 47.9 21.3 63.7

148 53.4 31.8 95.4





#89

n-Butylbenzene

Concen: 0.474 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

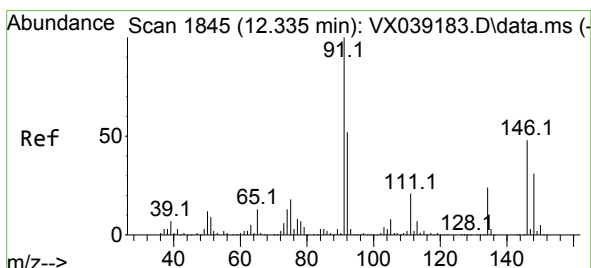
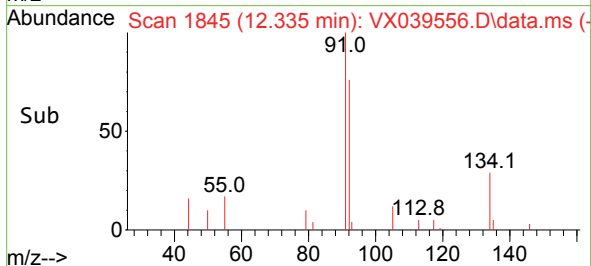
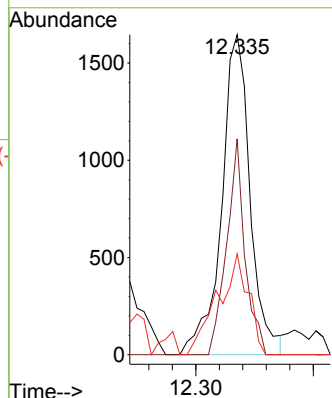
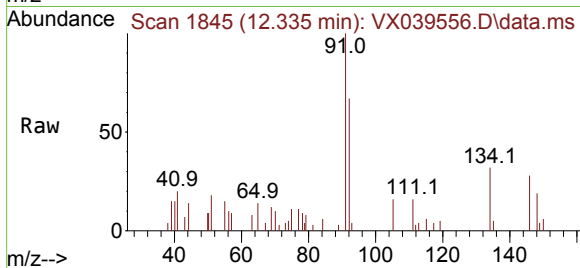
Tgt Ion: 91 Resp: 2784

Ion Ratio Lower Upper

91 100

92 43.4 27.4 82.0

134 33.9 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.228 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

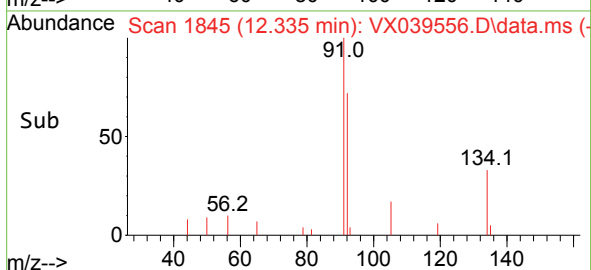
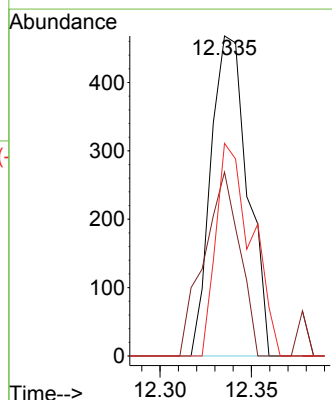
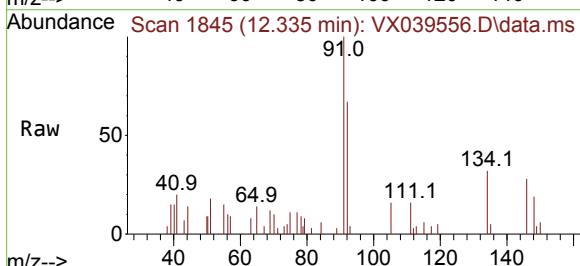
Tgt Ion:146 Resp: 655

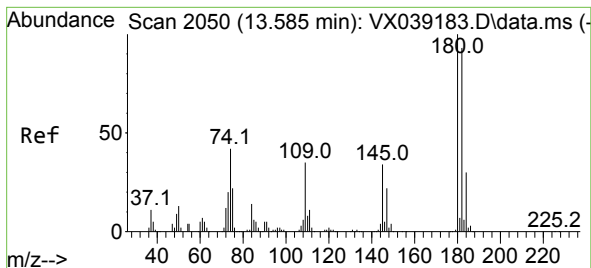
Ion Ratio Lower Upper

146 100

111 55.7 22.4 67.0

148 64.7 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.520 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

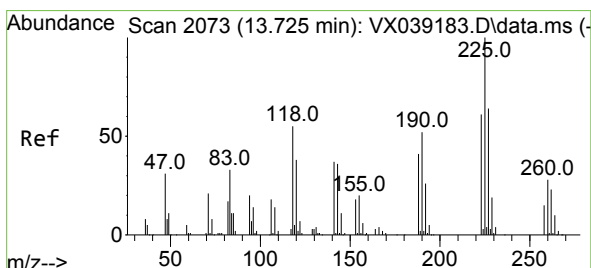
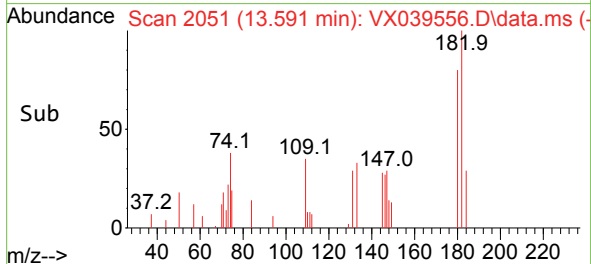
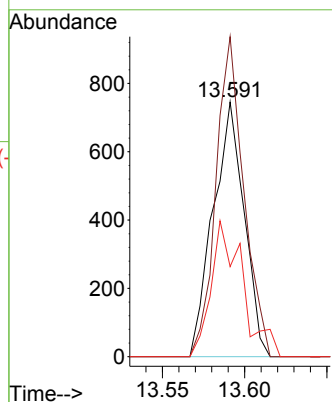
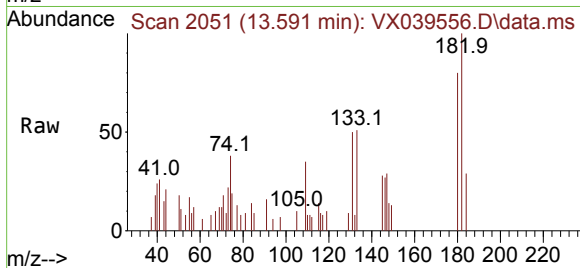
Tgt Ion:180 Resp: 977

Ion Ratio Lower Upper

180 100

182 112.8 48.3 144.8

145 54.0 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.371 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

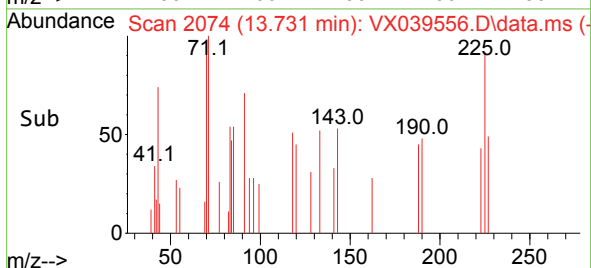
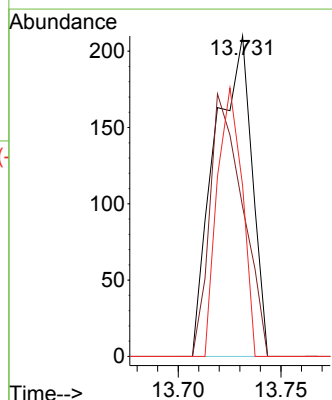
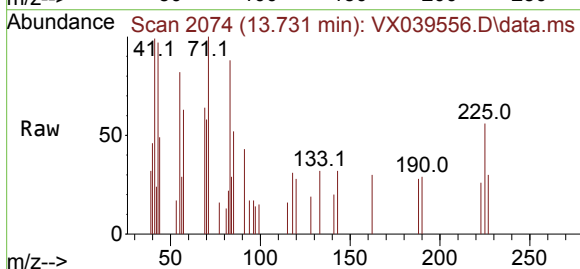
Tgt Ion:225 Resp: 263

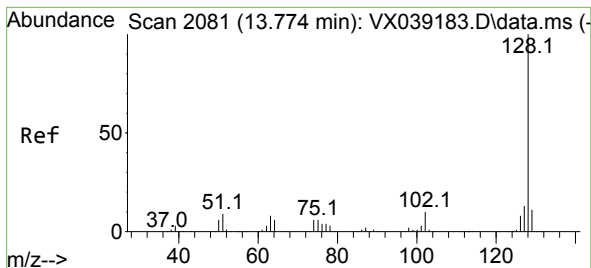
Ion Ratio Lower Upper

225 100

223 72.6 31.1 93.2

227 56.7 32.5 97.5





#95

Naphthalene

Concen: 2.719 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

IBLK

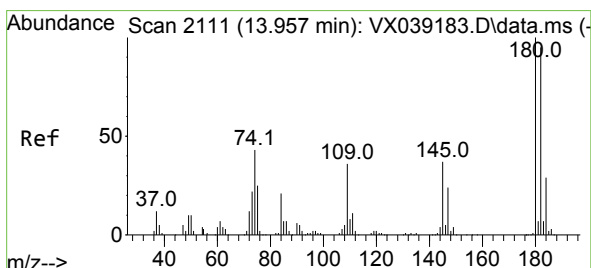
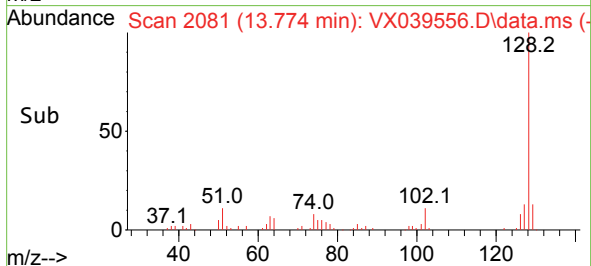
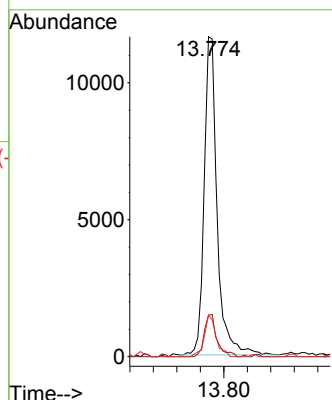
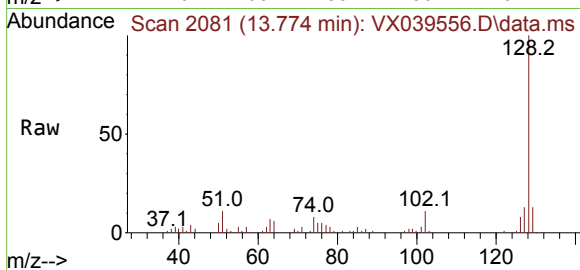
Tgt Ion:128 Resp: 17797

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.489 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039556.D

Acq: 29 Dec 2023 19:20

Tgt Ion:180 Resp: 888

Ion Ratio Lower Upper

180 100

182 99.3 46.9 140.6

145 54.6 17.8 53.5#

