

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039188.D
 Acq On : 13 Dec 2023 14:48
 Operator : JC/MD
 Sample : VX1213MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBL01

Quant Time: Dec 14 01:32:10 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)

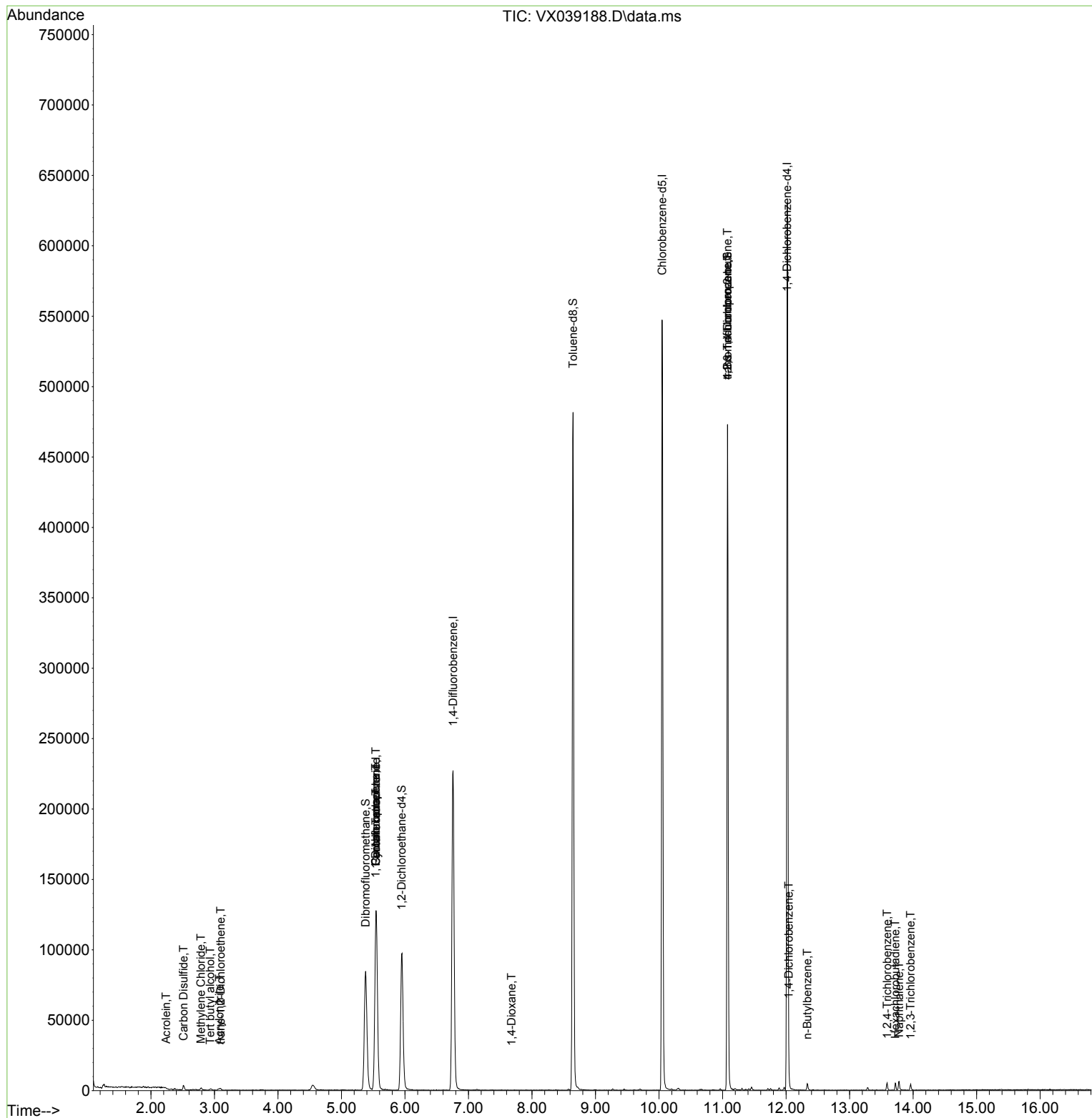
Internal Standards						
1) Pentafluorobenzene	5.544	168	110362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	231703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97564	48.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.379	113	74901	48.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	8.647	98	280839	49.021	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.040%		
62) 4-Bromofluorobenzene	11.079	95	130117	55.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	697	1.373	ug/l #	78
13) Acrolein	2.239	56	406	1.002	ug/l	93
15) Acrylonitrile	3.081	53	781	0.769	ug/l #	17
16) Acetone	2.380	43	660	Below Cal	#	82
17) Carbon Disulfide	2.514	76	3568	0.859	ug/l #	94
20) Methylene Chloride	2.788	84	799	0.474	ug/l #	69
21) trans-1,2-Dichloroethene	3.099	96	378	0.245	ug/l	89
31) Cyclohexane	5.544	56	3283	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10521	4.320	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12900	5.551	ug/l #	15
49) 1,4-Dioxane	7.677	88	73	1.894	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	71636	23.742	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71636	66.975	ug/l #	5
88) 1,4-Dichlorobenzene	12.043	146	1115	0.274	ug/l #	1
89) n-Butylbenzene	12.335	91	1700	0.222	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1204	0.492	ug/l	91
94) Hexachlorobutadiene	13.719	225	732	0.793	ug/l	87
95) Naphthalene	13.780	128	4728	0.554	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1159	0.490	ug/l	98

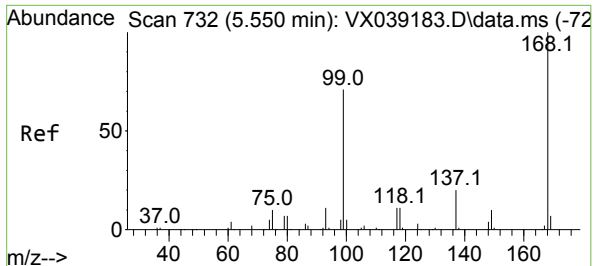
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
Data File : VX039188.D
Acq On : 13 Dec 2023 14:48
Operator : JC/MD
Sample : VX1213MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

Quant Time: Dec 14 01:32:10 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

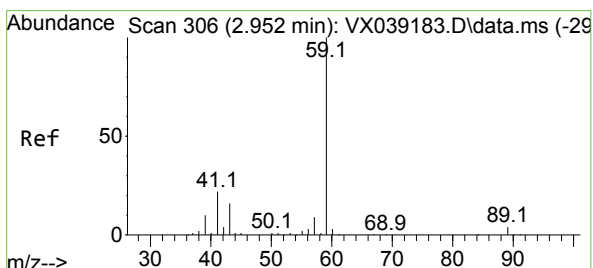
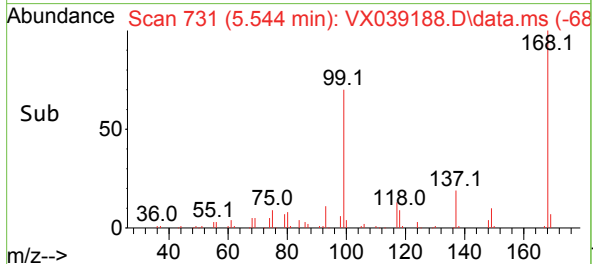
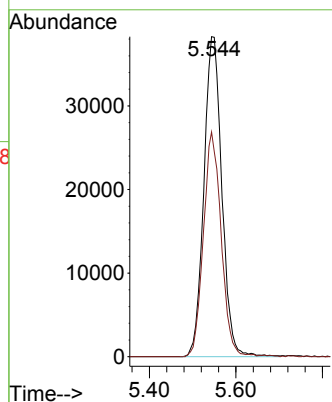
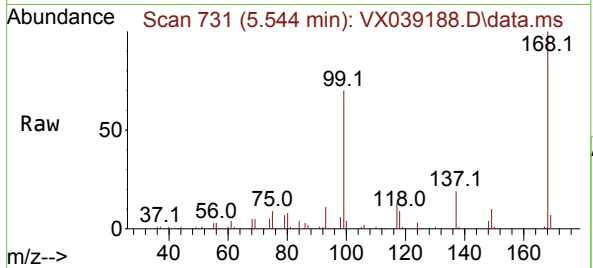




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

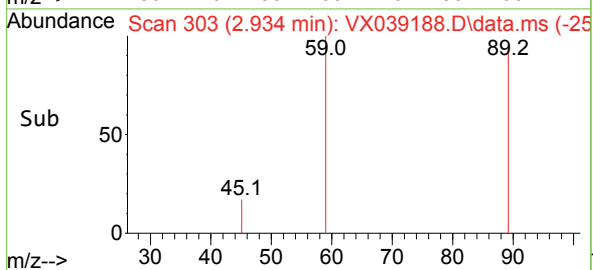
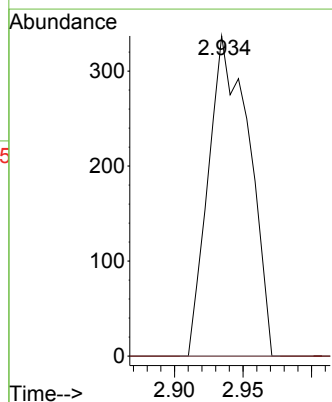
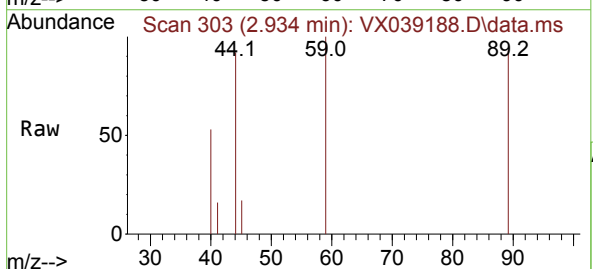
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

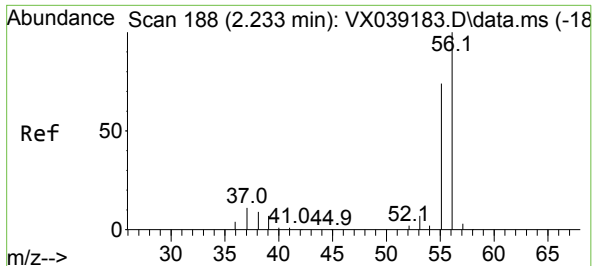
Tgt Ion:168 Resp: 110362
Ion Ratio Lower Upper
168 100
99 70.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.373 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.018 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 59 Resp: 697
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 1.002 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

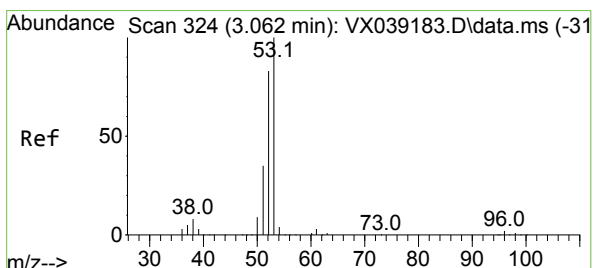
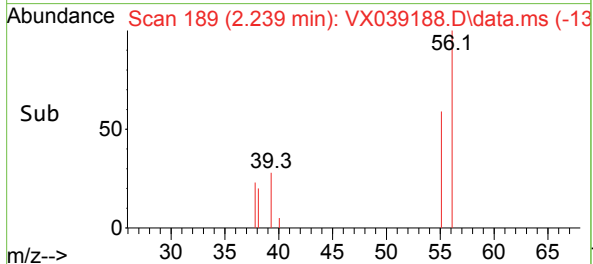
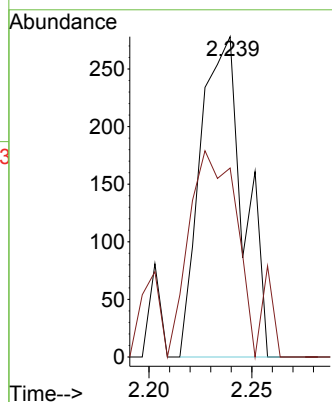
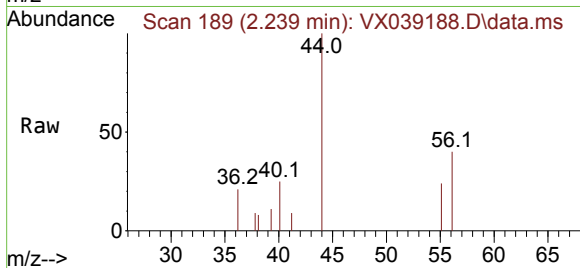
VX1213MBL01

Tgt Ion: 56 Resp: 406

Ion Ratio Lower Upper

56 100

55 77.1 57.1 85.7



#15

Acrylonitrile

Concen: 0.769 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.019 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

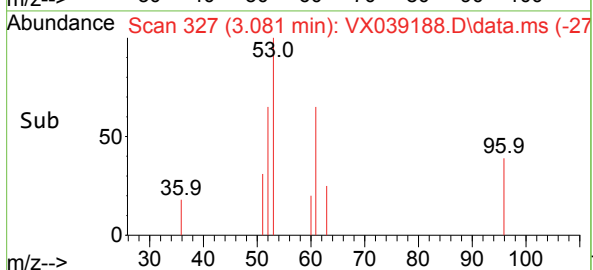
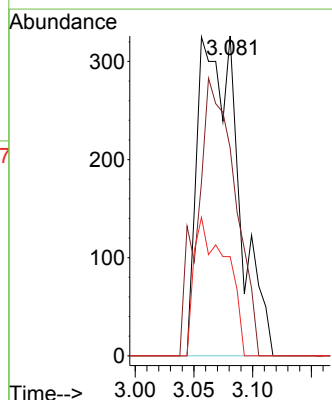
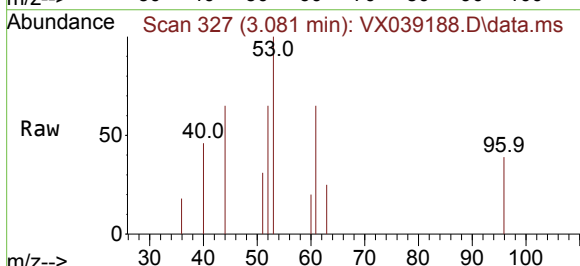
Tgt Ion: 53 Resp: 781

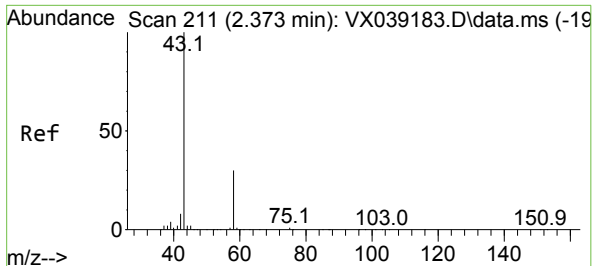
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 0.0 29.8 44.6#

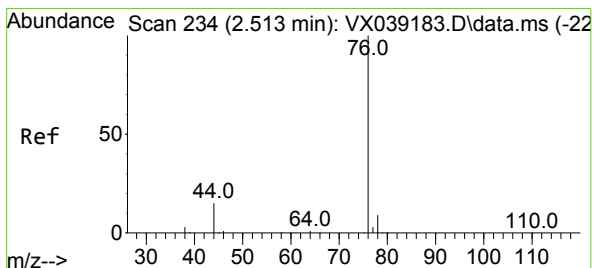
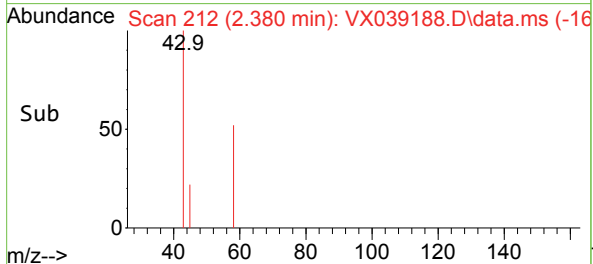
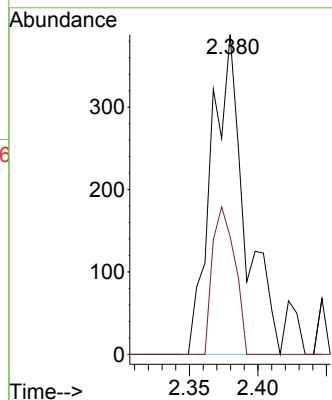
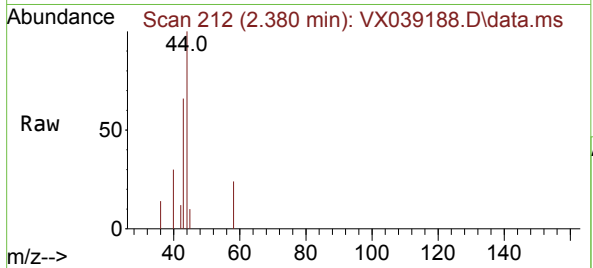




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

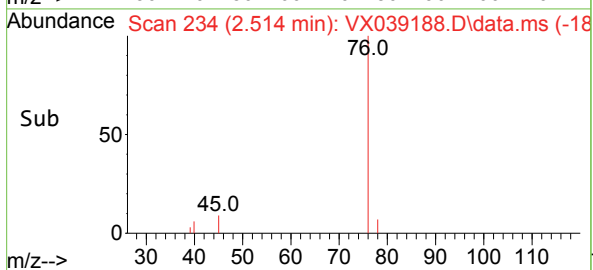
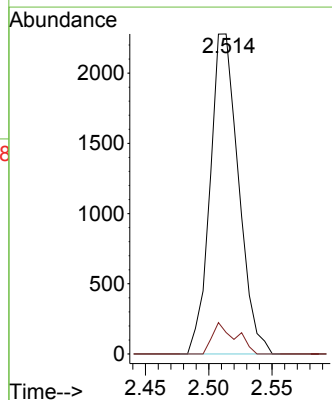
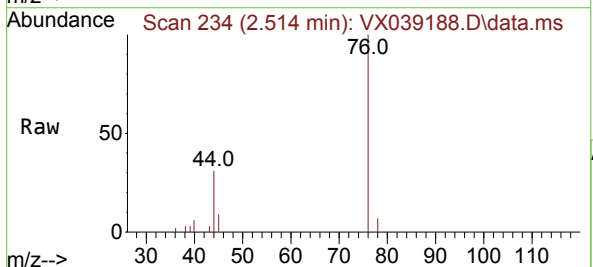
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

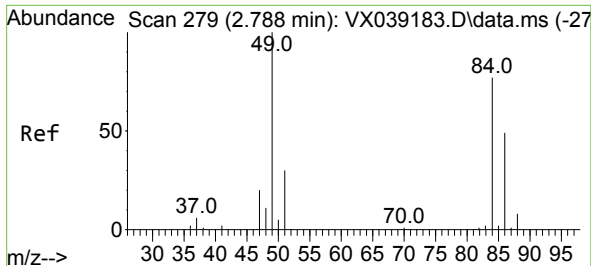
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 36.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.859 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 76 Resp: 3568
Ion Ratio Lower Upper
76 100
78 6.7 7.0 10.6#





#20

Methylene Chloride

Concen: 0.474 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

Tgt Ion: 84 Resp: 799

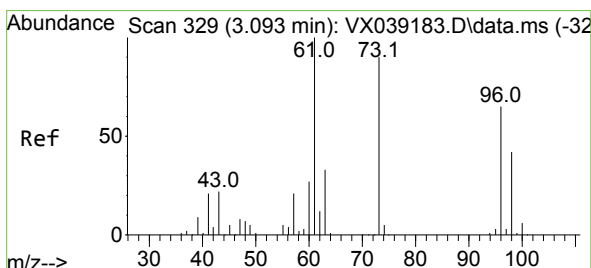
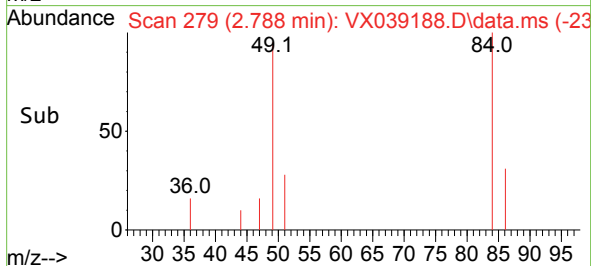
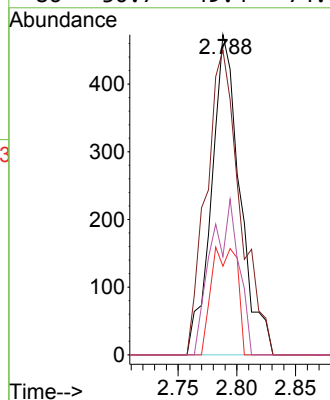
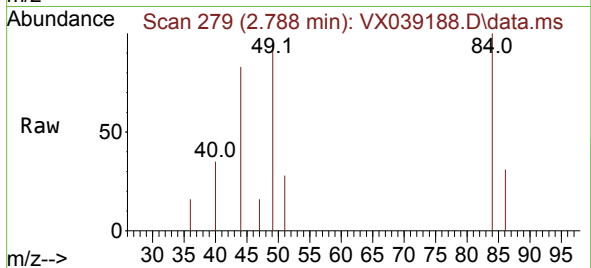
Ion Ratio Lower Upper

84 100

49 95.1 103.6 155.4#

51 27.7 33.8 50.6#

86 30.7 49.4 74.0#



#21

trans-1,2-Dichloroethene

Concen: 0.245 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

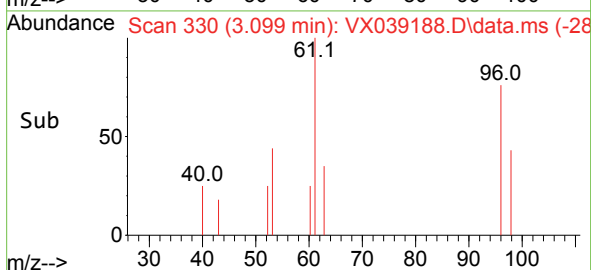
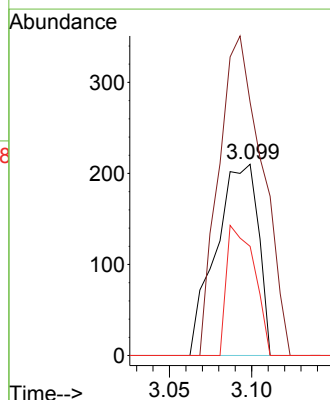
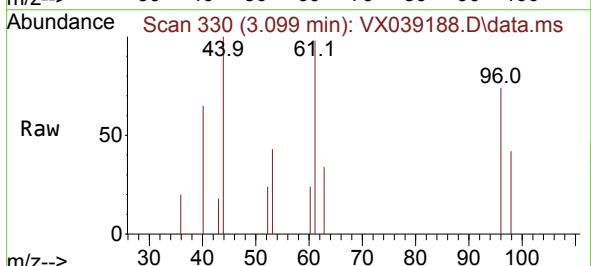
Tgt Ion: 96 Resp: 378

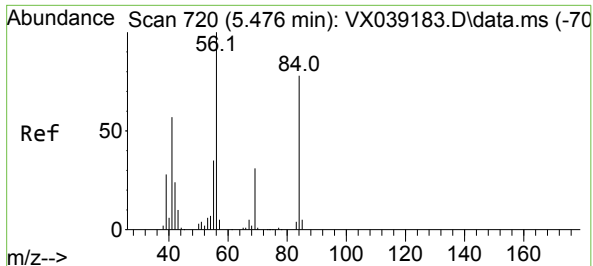
Ion Ratio Lower Upper

96 100

61 132.4 119.2 178.8

98 57.1 48.7 73.1

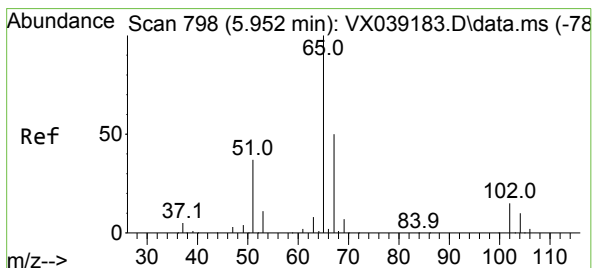
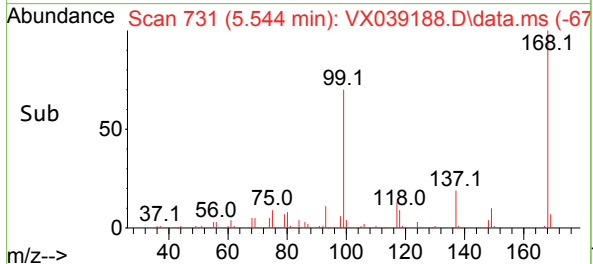
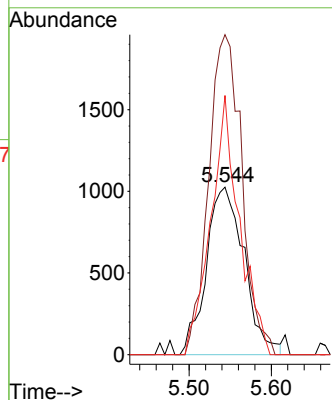
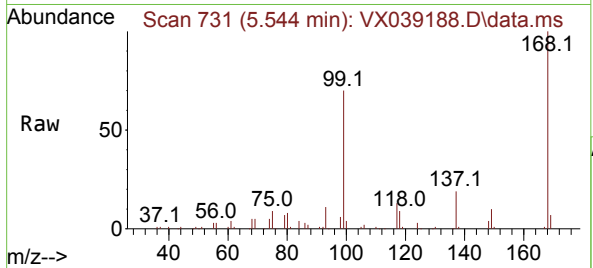




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

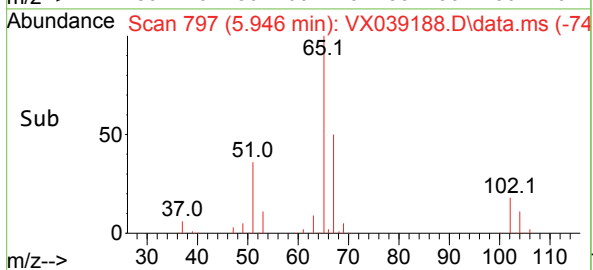
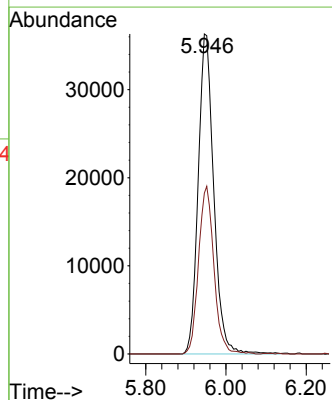
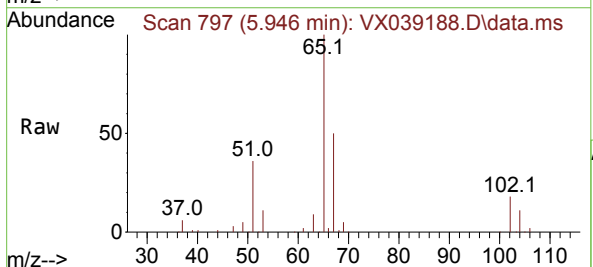
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

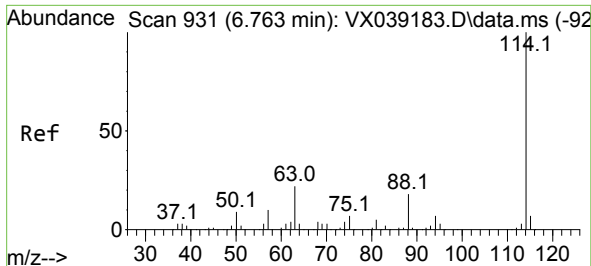
Tgt Ion: 56 Resp: 3283
Ion Ratio Lower Upper
56 100
69 191.1 23.4 35.2#
84 154.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 65 Resp: 97564
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

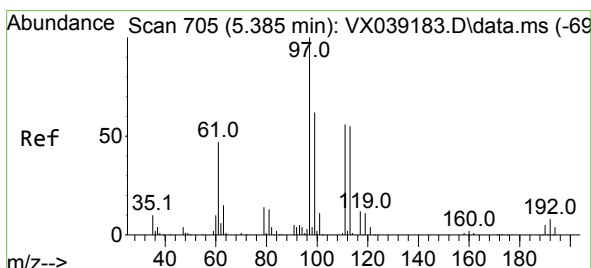
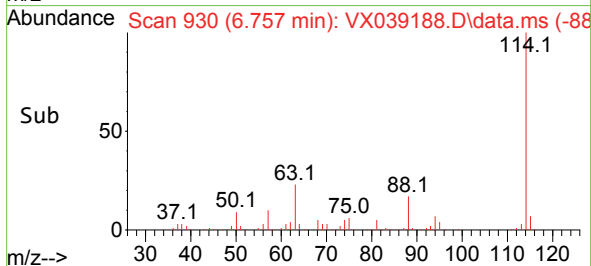
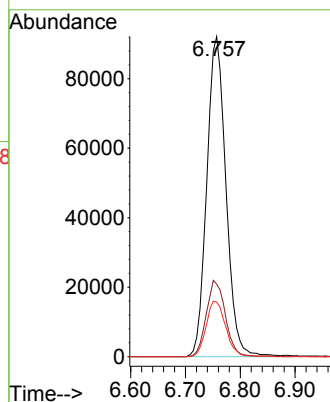
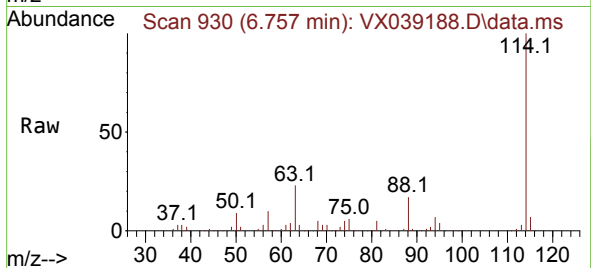




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

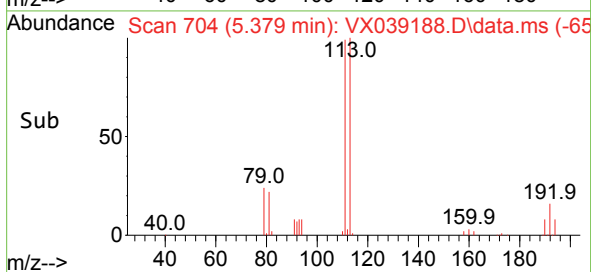
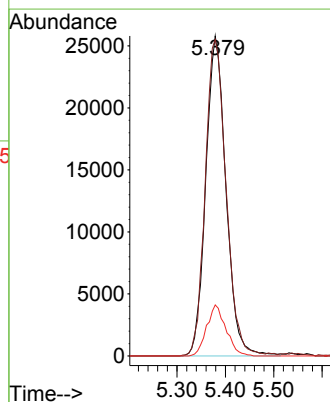
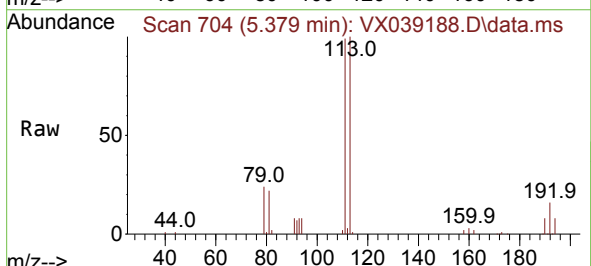
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

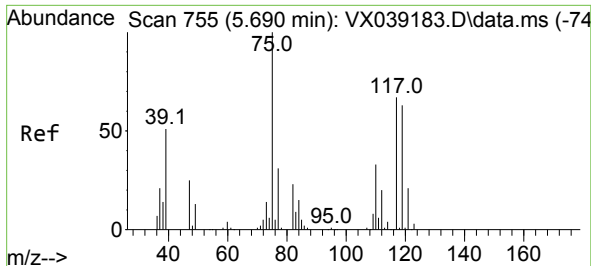
Tgt Ion:114 Resp: 223370
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.538 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion:113 Resp: 74901
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.3 13.3 19.9

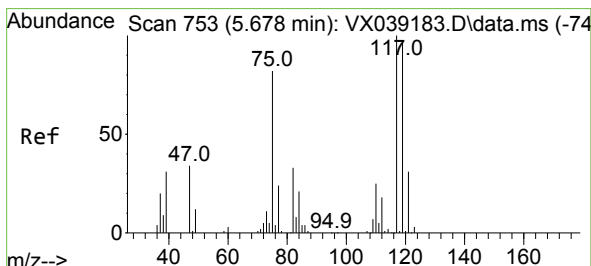
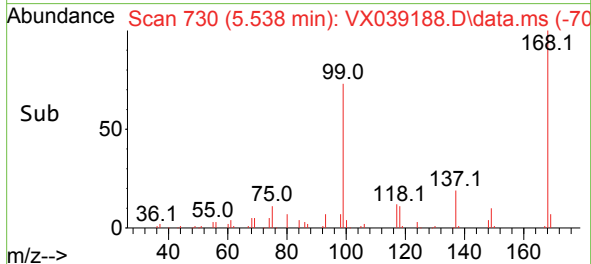
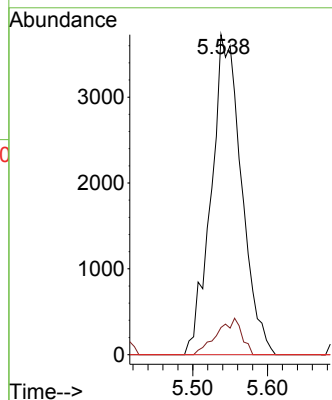
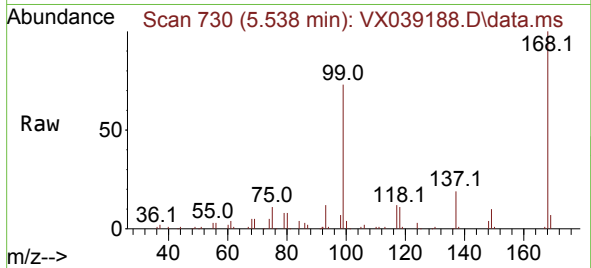




#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

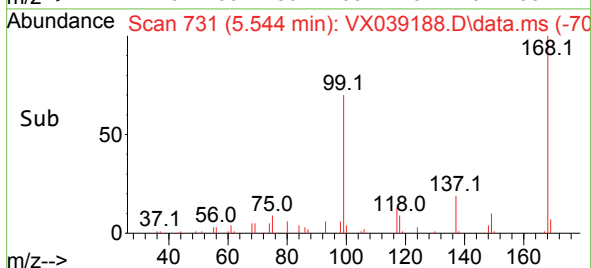
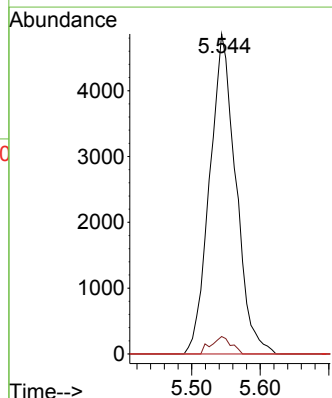
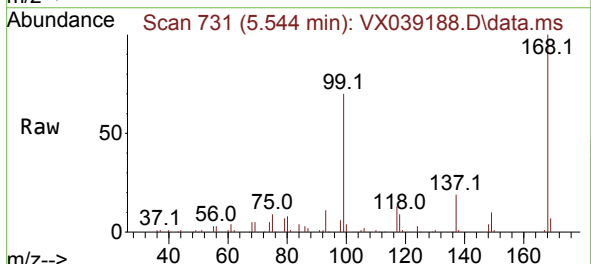
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

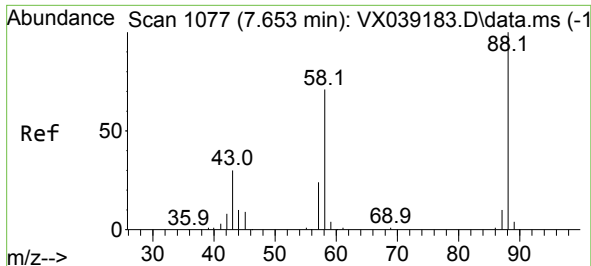
Tgt Ion: 75 Resp: 10521
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 117 Resp: 12900
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

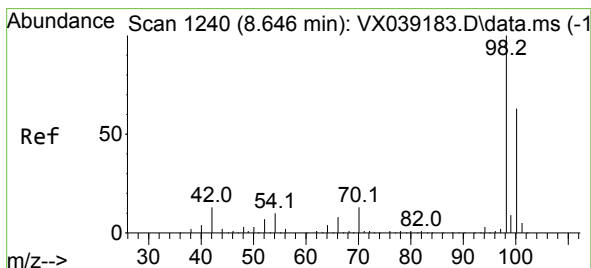
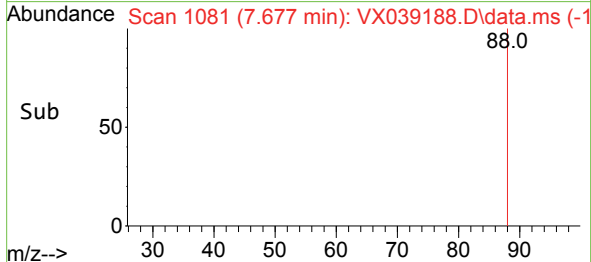
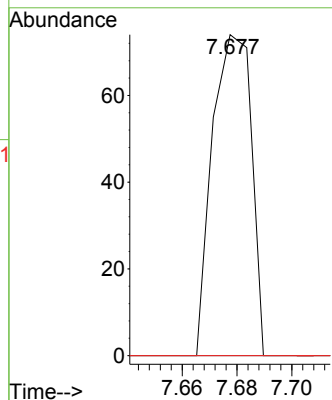
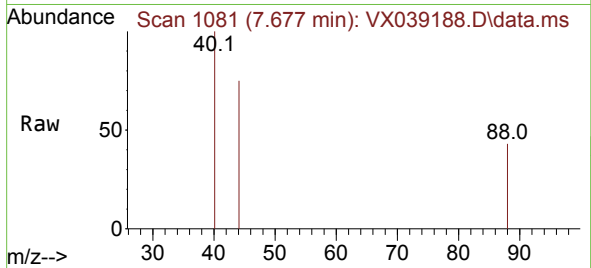




#49
1,4-Dioxane
Concen: 1.894 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.025 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

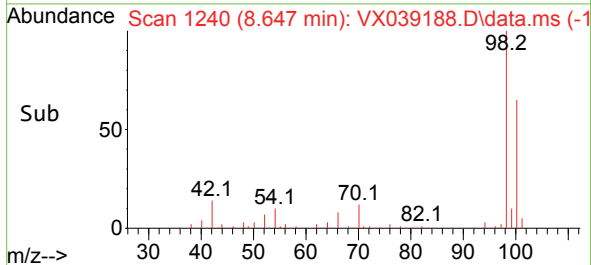
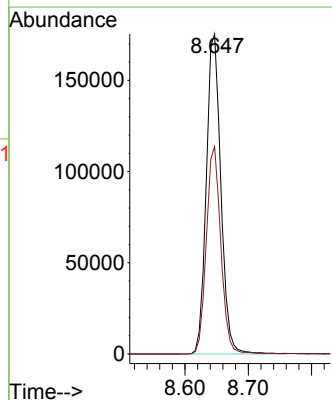
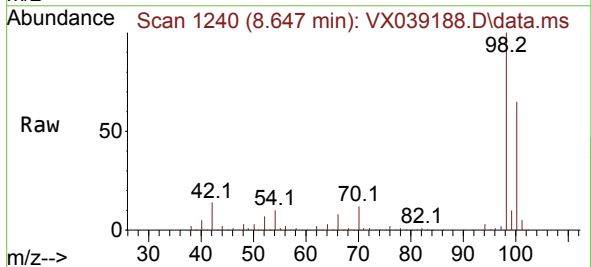
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

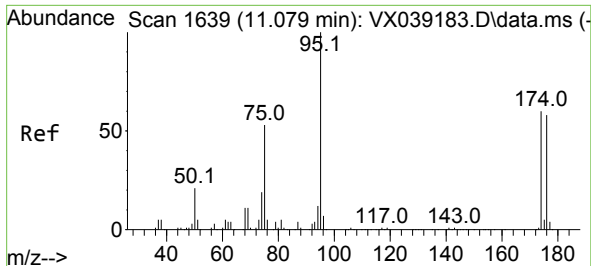
Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 49.021 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 98 Resp: 280839
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 55.047 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

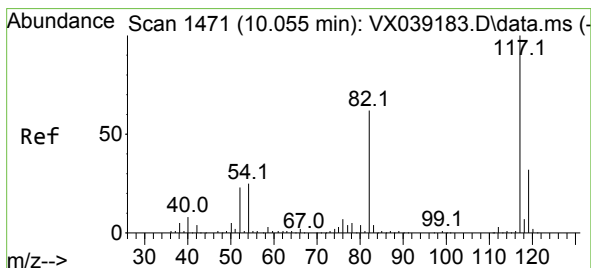
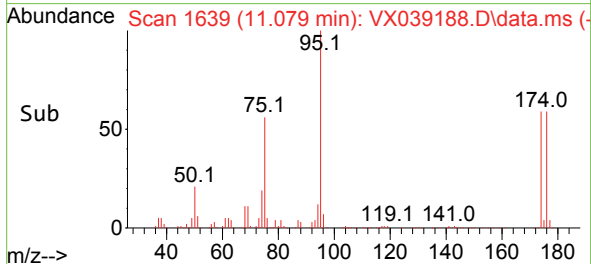
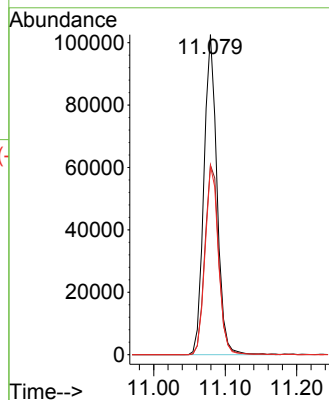
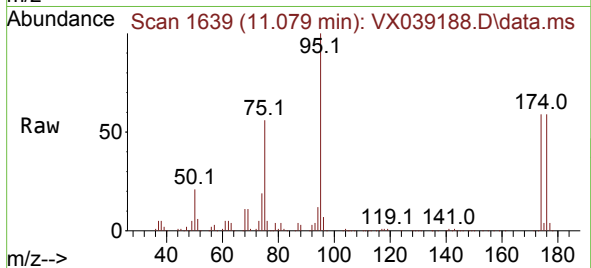
Tgt Ion: 95 Resp: 130117

Ion Ratio Lower Upper

95 100

174 62.6 0.0 135.6

176 60.3 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

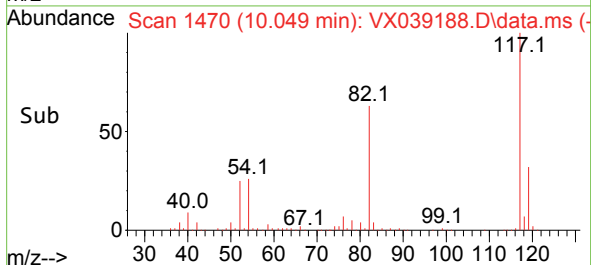
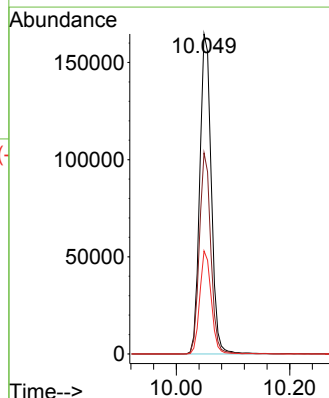
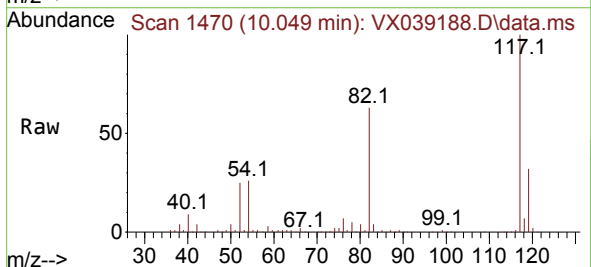
Tgt Ion: 117 Resp: 231703

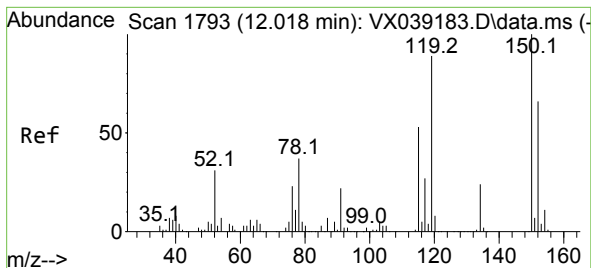
Ion Ratio Lower Upper

117 100

82 62.8 46.2 69.4

119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

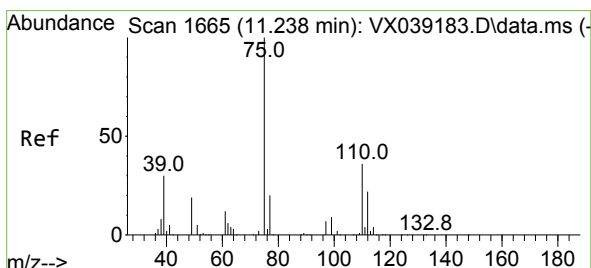
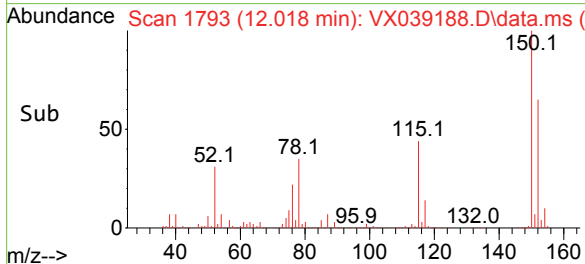
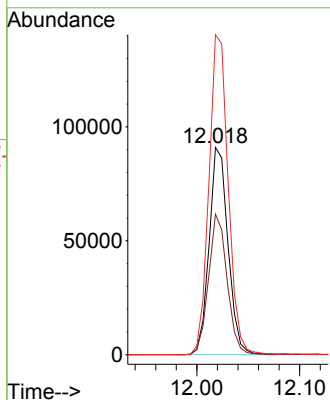
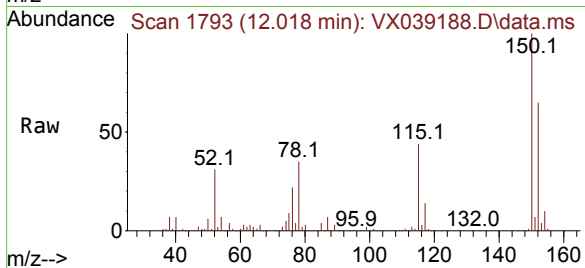
Tgt Ion:152 Resp: 116626

Ion Ratio Lower Upper

152 100

115 66.5 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.742 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039188.D

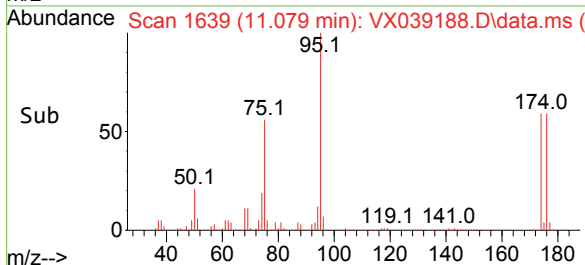
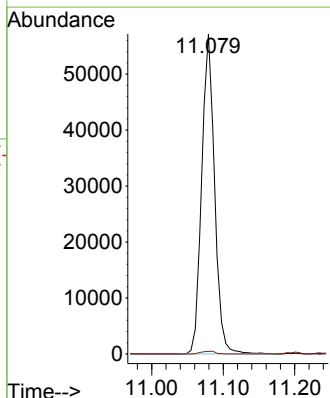
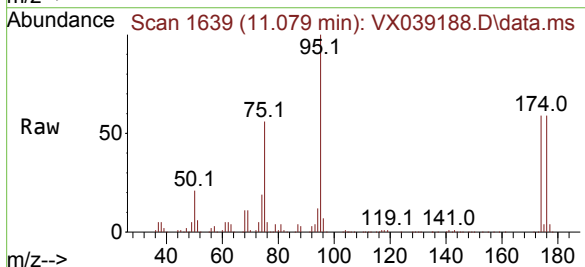
Acq: 13 Dec 2023 14:48

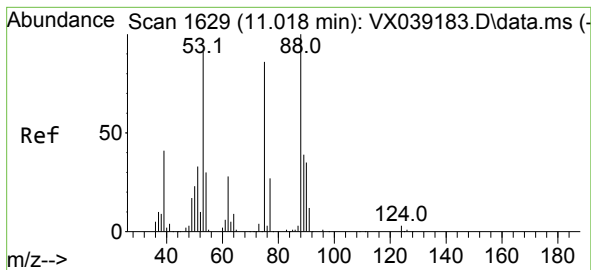
Tgt Ion: 75 Resp: 71636

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#

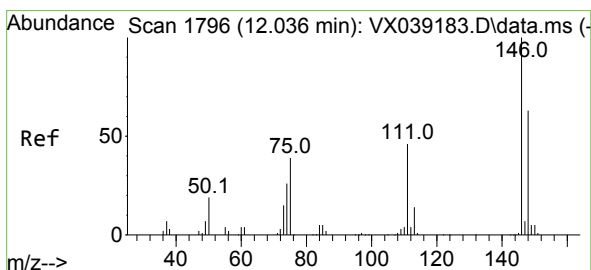
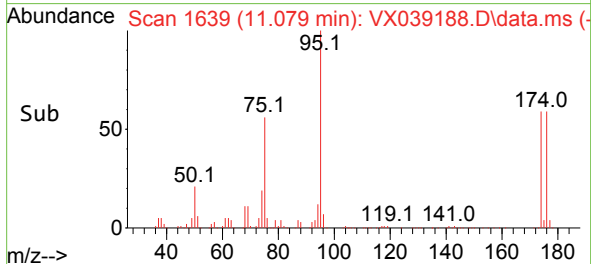
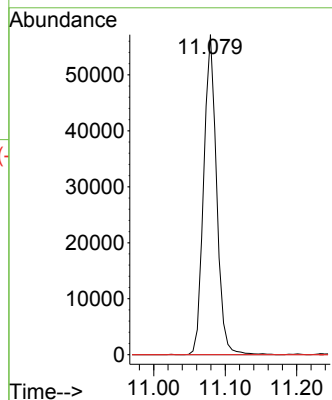
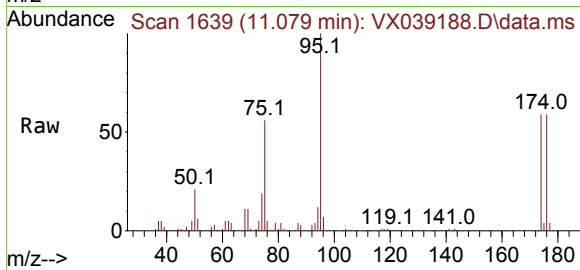




#81
trans-1,4-Dichloro-2-butene
Concen: 66.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

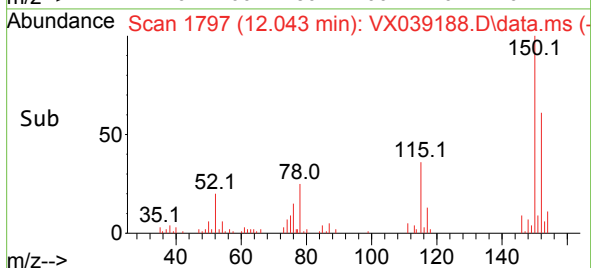
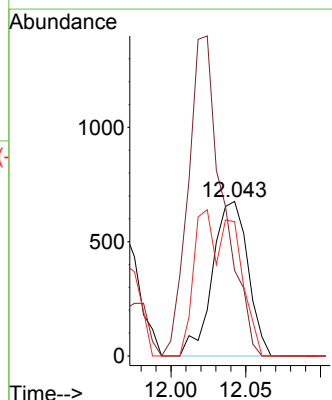
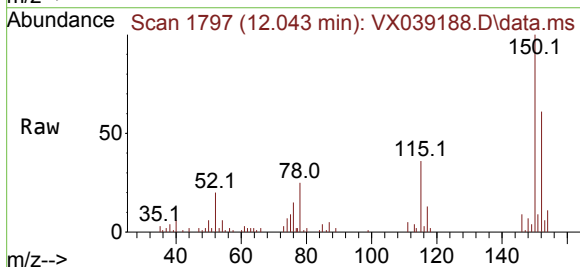
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

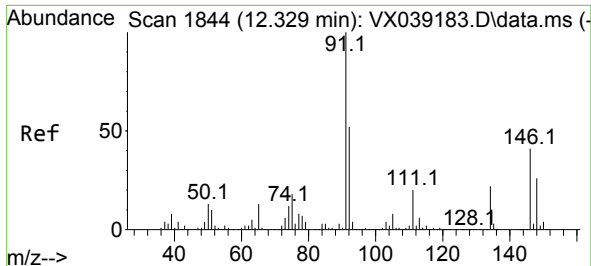
Tgt Ion: 75 Resp: 71636
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.274 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion:146 Resp: 1115
Ion Ratio Lower Upper
146 100
111 202.1 21.3 63.7#
148 59.6 31.8 95.4





#89

n-Butylbenzene

Concen: 0.222 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

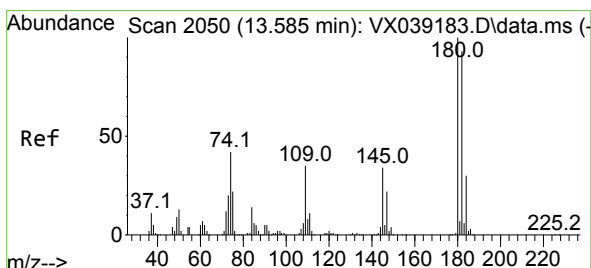
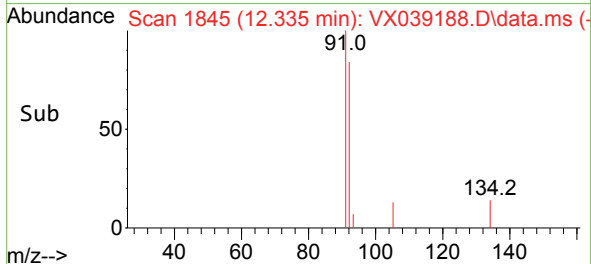
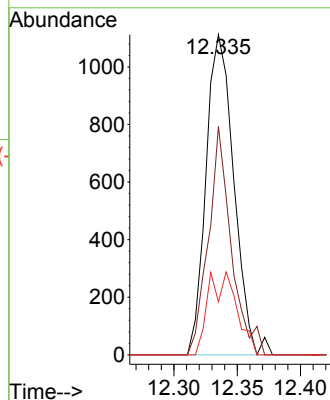
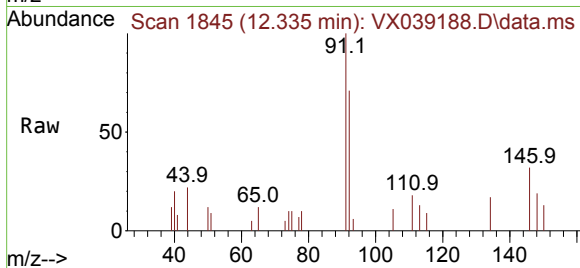
Tgt Ion: 91 Resp: 1700

Ion Ratio Lower Upper

91 100

92 58.8 27.4 82.0

134 26.4 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.492 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

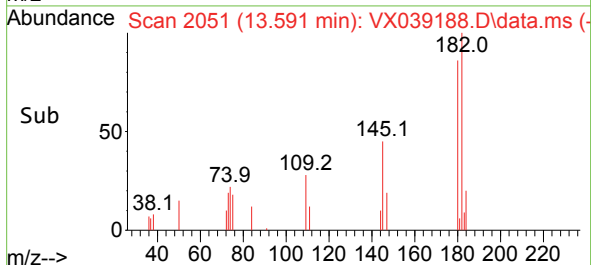
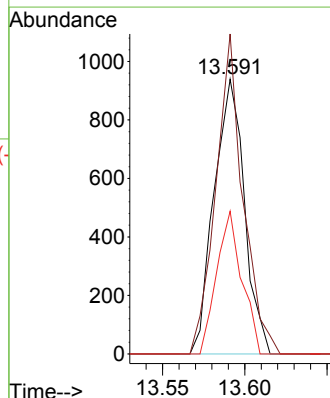
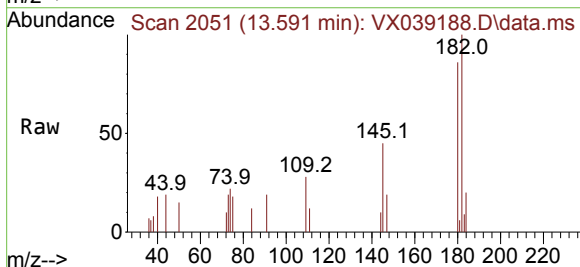
Tgt Ion: 180 Resp: 1204

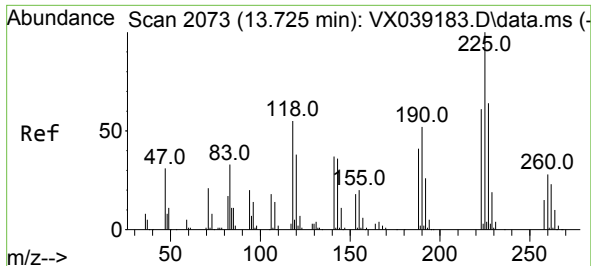
Ion Ratio Lower Upper

180 100

182 104.7 48.3 144.8

145 43.2 18.0 54.0

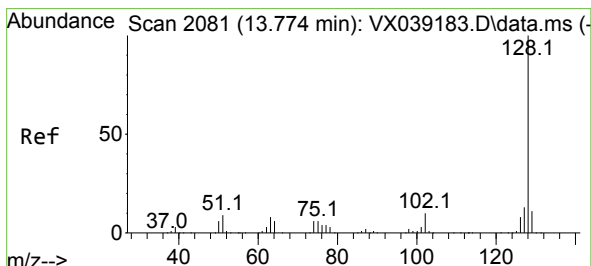
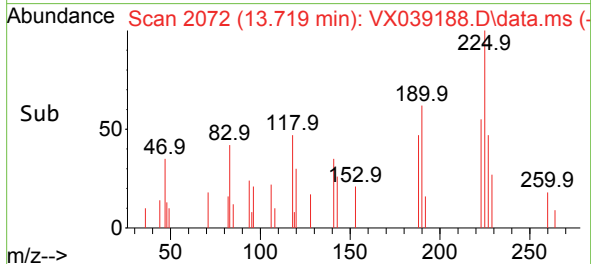
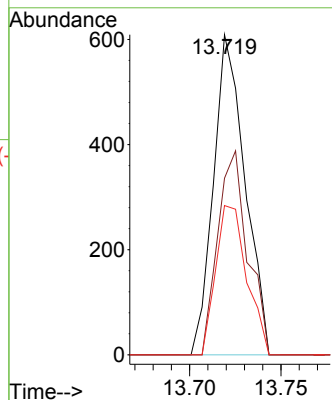
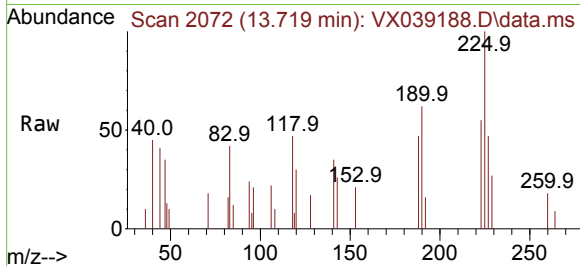




#94
Hexachlorobutadiene
Concen: 0.793 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

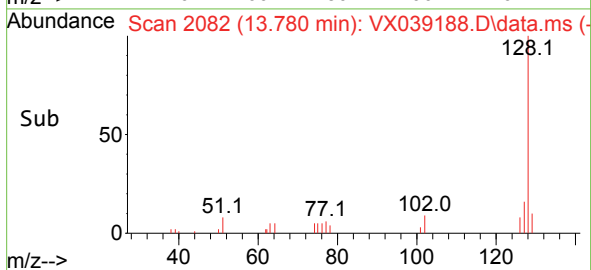
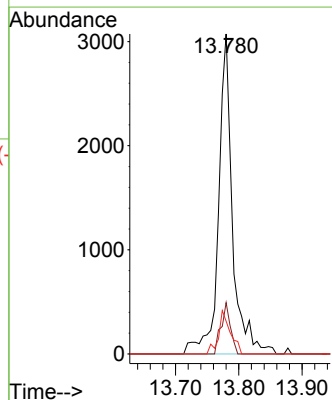
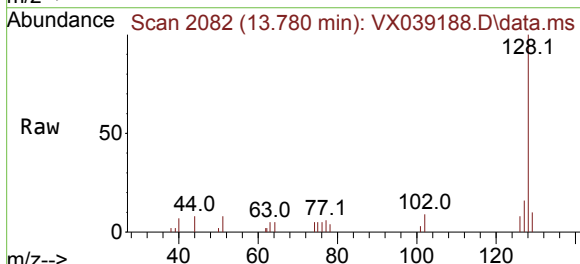
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

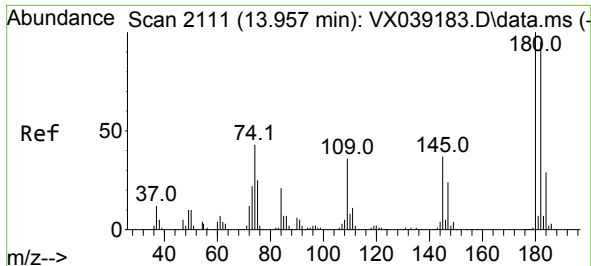
Tgt Ion:225 Resp: 732
Ion Ratio Lower Upper
225 100
223 60.5 31.1 93.2
227 45.9 32.5 97.5



#95
Naphthalene
Concen: 0.554 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion:128 Resp: 4728
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 11.5 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.490 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039188.D

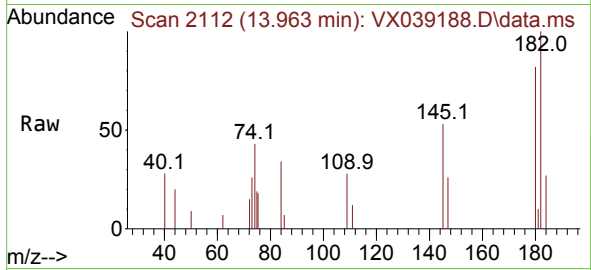
Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01



Tgt Ion:180 Resp: 1159

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 38.1 17.8 53.5

