

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037912.D
 Acq On : 27 Sep 2023 10:18
 Operator : JC/MD
 Sample : VX0927MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 28 01:15:35 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)

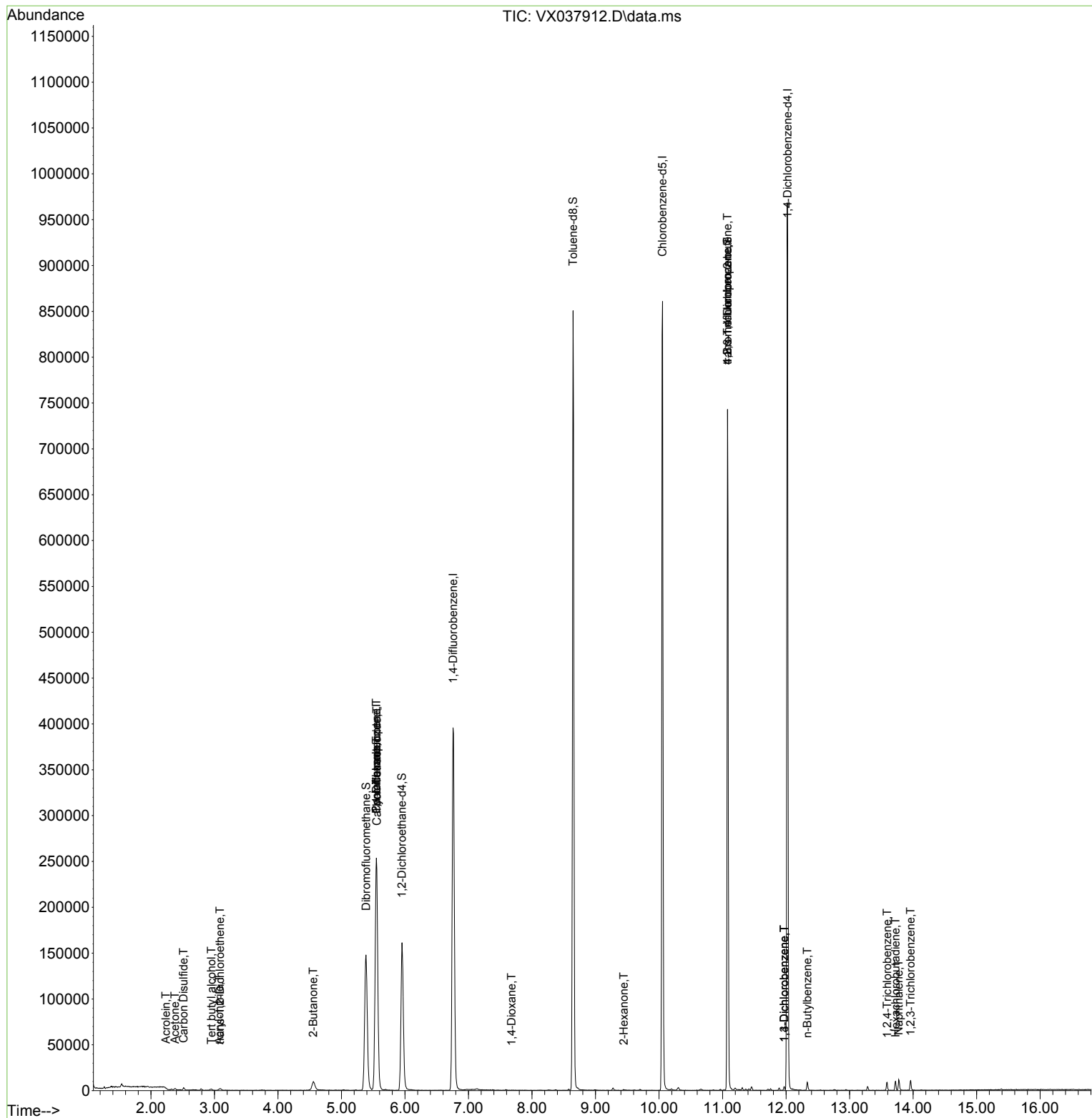
Internal Standards						
1) Pentafluorobenzene	5.550	168	247524	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	420613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150180	46.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.360%		
35) Dibromofluoromethane	5.385	113	129675	46.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.160%		
50) Toluene-d8	8.647	98	506519	48.438	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	188166	49.519	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.040%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1044	1.496	ug/l	# 78
13) Acrolein	2.233	56	539	0.782	ug/l	# 82
15) Acrylonitrile	3.075	53	1022	0.658	ug/l	# 80
16) Acetone	2.380	43	1549	0.990	ug/l	# 75
17) Carbon Disulfide	2.514	76	2841	0.469	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	709	0.264	ug/l	83
25) 2-Butanone	4.556	43	696	0.315	ug/l	# 51
31) Cyclohexane	5.550	56	5321	1.275	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18991	4.899	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	24994	6.162	ug/l	# 15
49) 1,4-Dioxane	7.678	88	87	1.019	ug/l	# 73
59) 2-Hexanone	9.445	43	888	0.264	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	94903	19.933	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	94903	63.852	ug/l	# 5
87) 1,3-Dichlorobenzene	11.969	146	1601	0.230	ug/l	92
88) 1,4-Dichlorobenzene	11.969	146	1601	0.225	ug/l	93
89) n-Butylbenzene	12.335	91	3066	0.269	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	2554	0.609	ug/l	97
94) Hexachlorobutadiene	13.725	225	1523	0.778	ug/l	94
95) Naphthalene	13.774	128	8696	0.614	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2827	0.656	ug/l	93

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 28 01:15:35 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



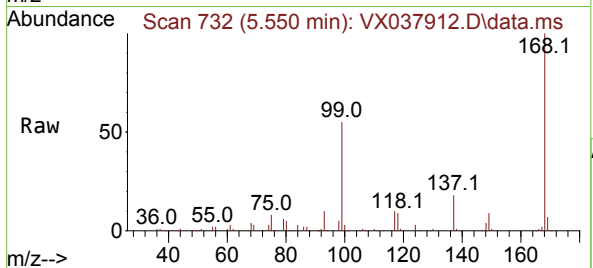


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

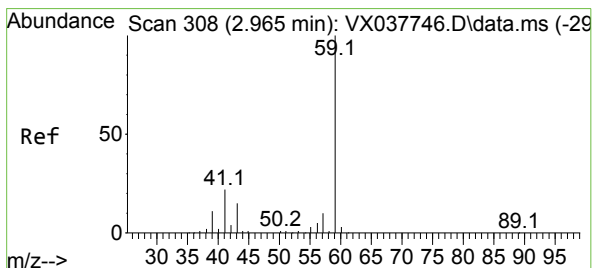
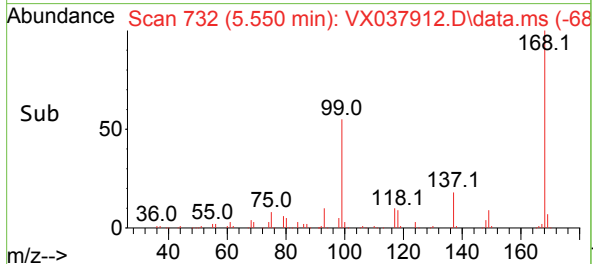
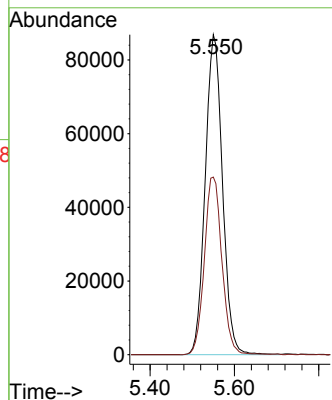
Instrument :

MSVOA_X

ClientSampleId :

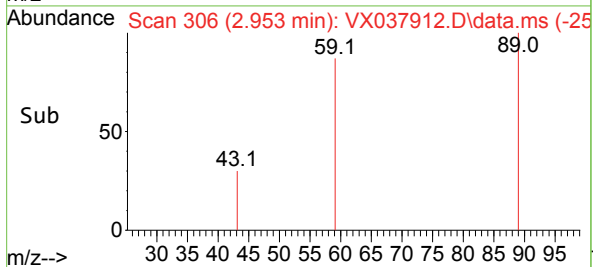
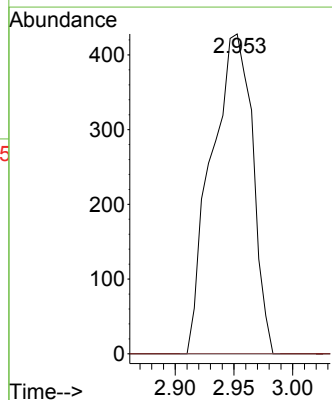
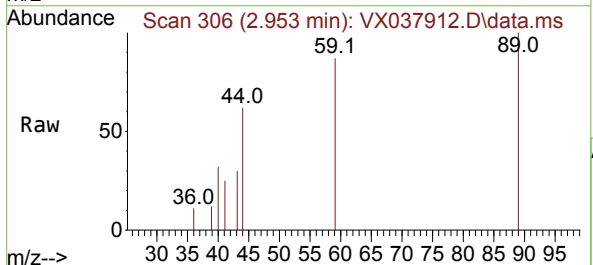


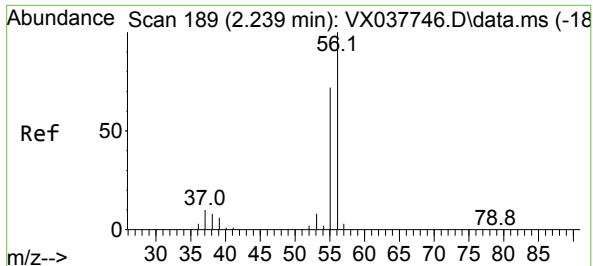
Tgt Ion:168 Resp: 247524
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.496 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Tgt Ion: 59 Resp: 1044
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.782 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

Instrument :

MSVOA_X

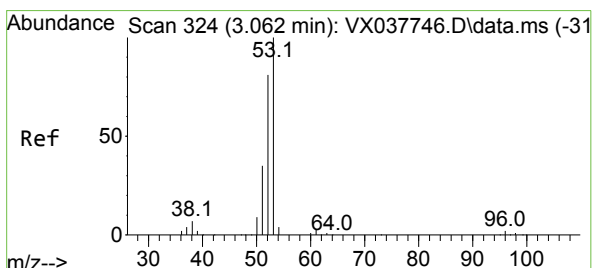
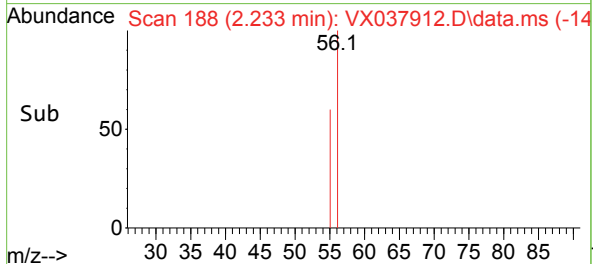
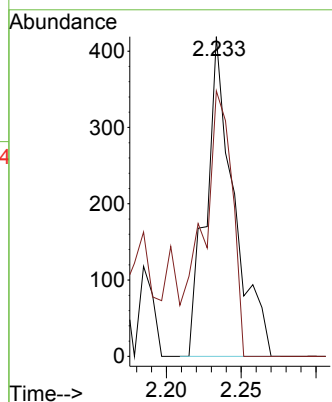
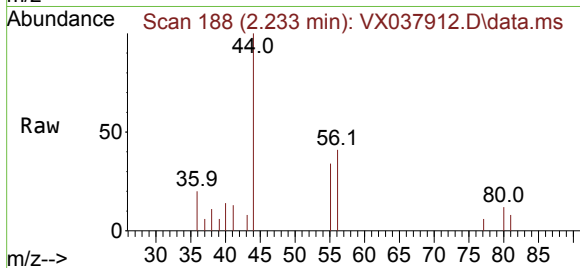
ClientSampleId :

Tgt Ion: 56 Resp: 539

Ion Ratio Lower Upper

56 100

55 86.5 57.1 85.7#



#15

Acrylonitrile

Concen: 0.658 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

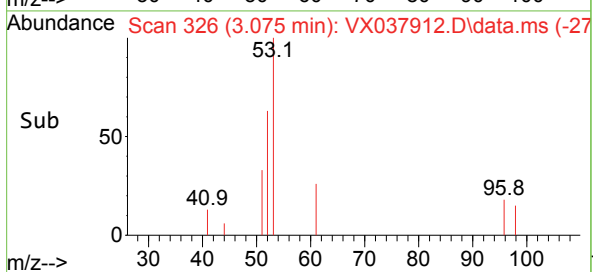
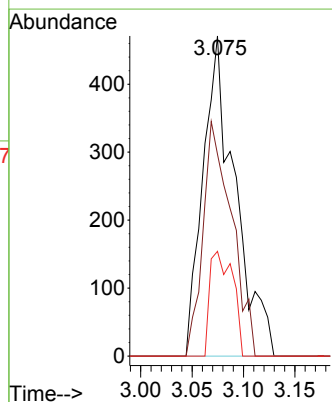
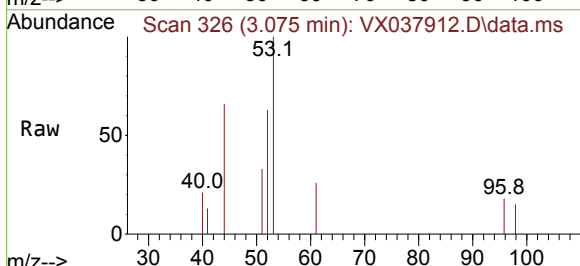
Tgt Ion: 53 Resp: 1022

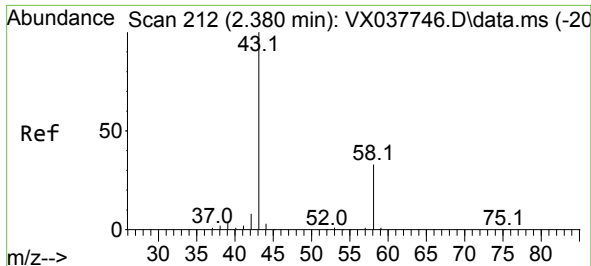
Ion Ratio Lower Upper

53 100

52 65.3 66.0 99.0#

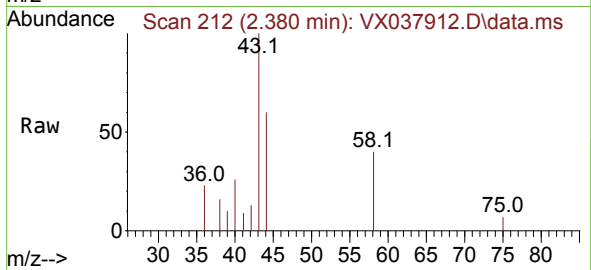
51 23.3 29.8 44.6#



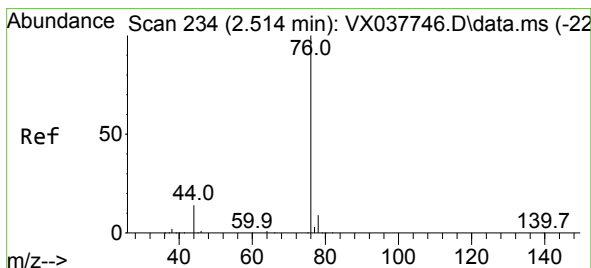
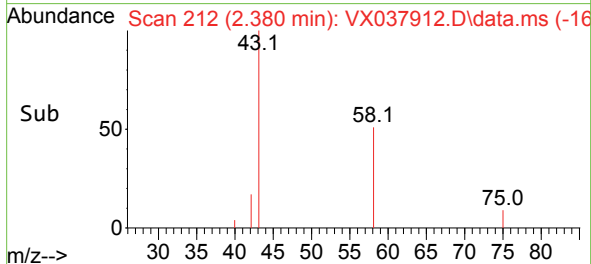
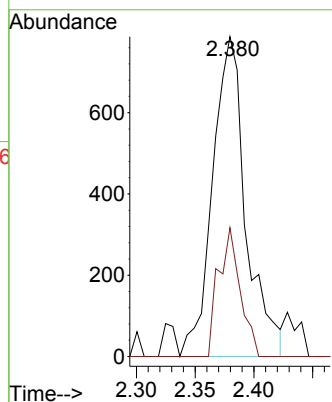


#16
Acetone
Concen: 0.990 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

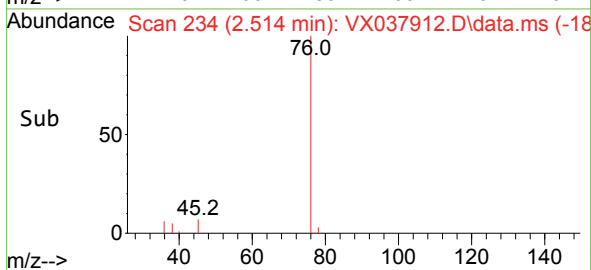
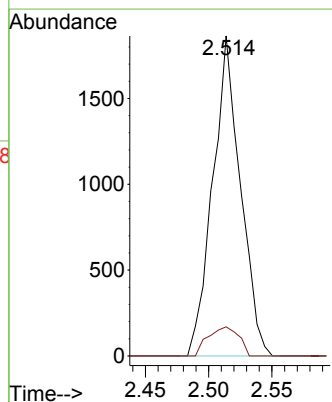
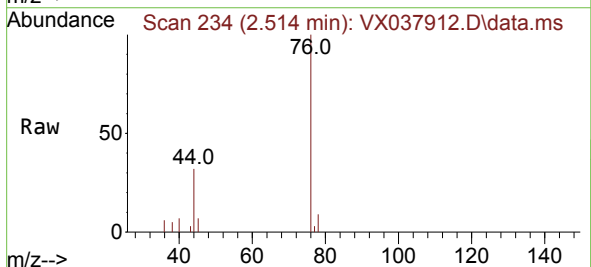


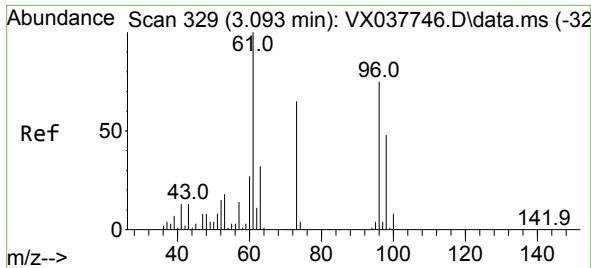
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 40.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.469 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

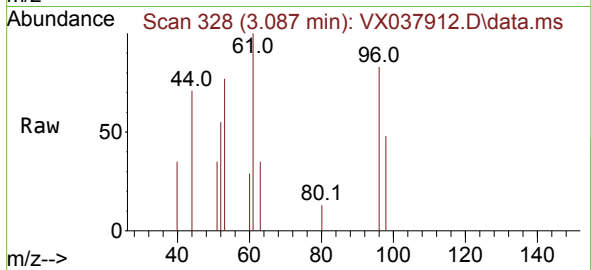
Tgt Ion: 76 Resp: 2841
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



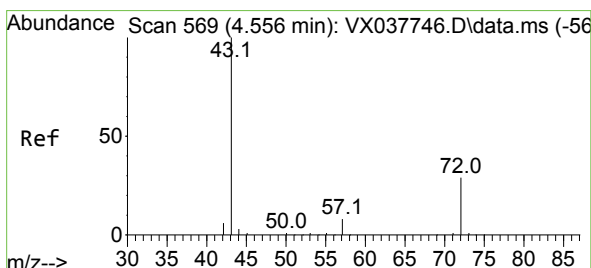
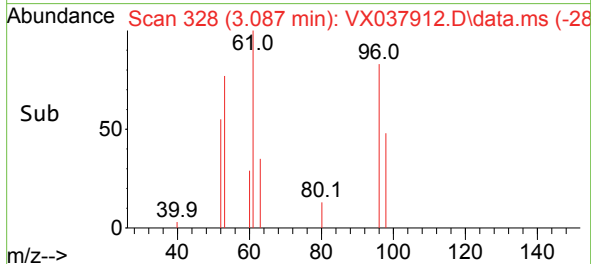
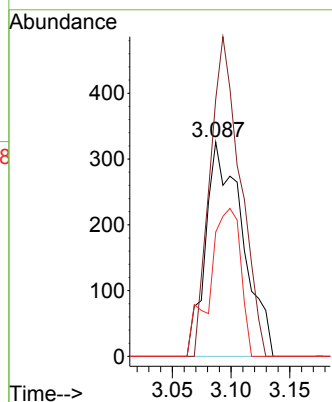


#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

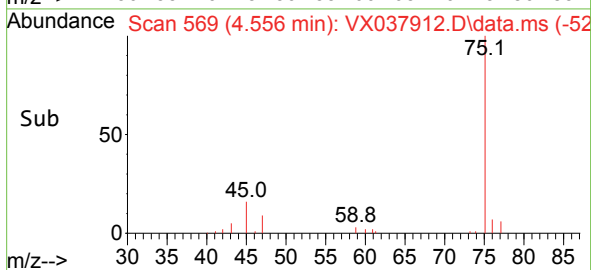
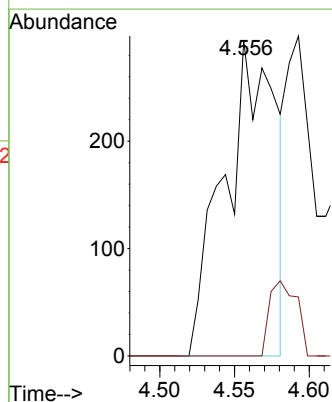
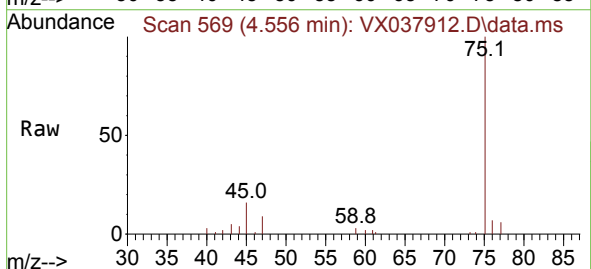


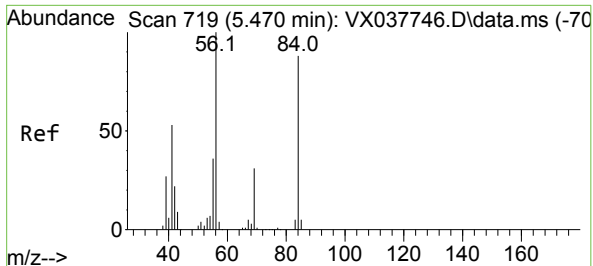
Tgt Ion: 96 Resp: 709
Ion Ratio Lower Upper
96 100
61 119.9 119.2 178.8
98 58.0 48.7 73.1



#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

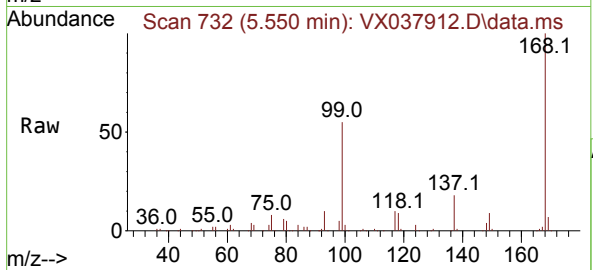
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



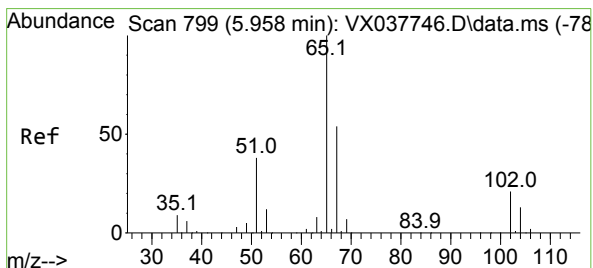
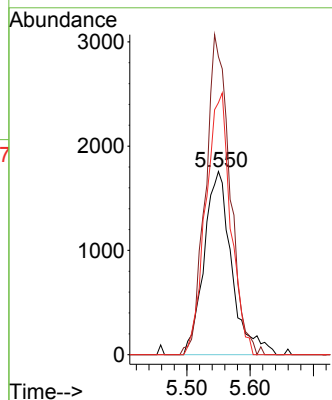
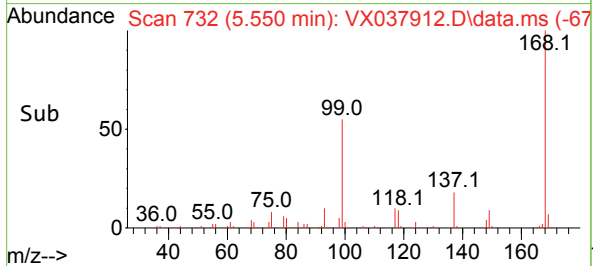


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

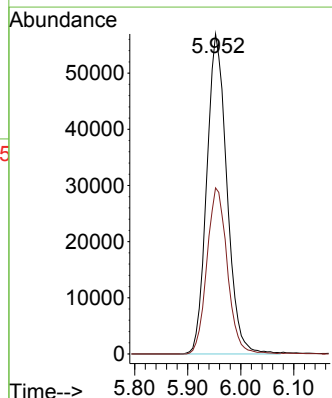
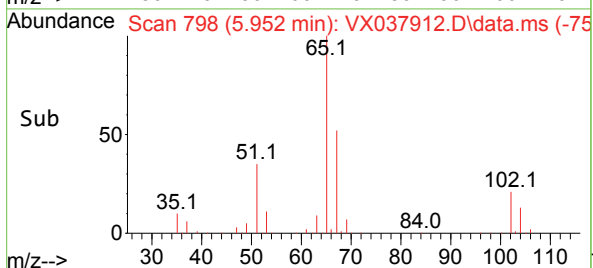
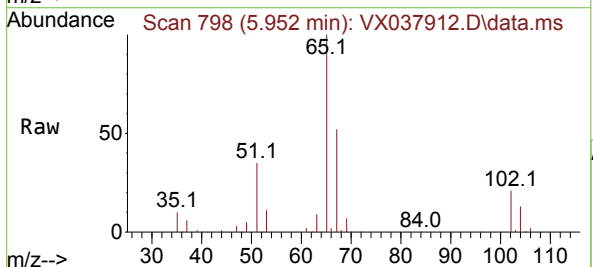


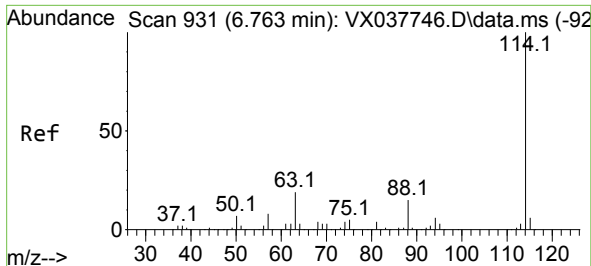
Tgt Ion: 56 Resp: 5321
Ion Ratio Lower Upper
56 100
69 162.7 23.4 35.2#
84 137.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.180 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Tgt Ion: 65 Resp: 150180
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

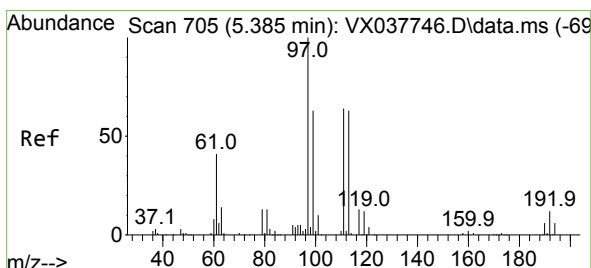
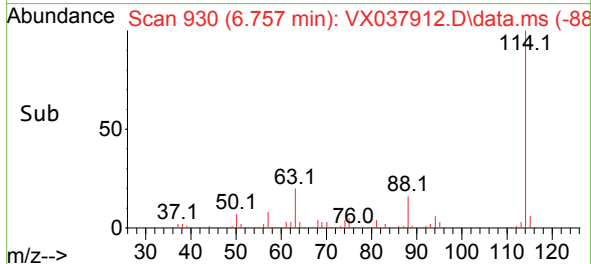
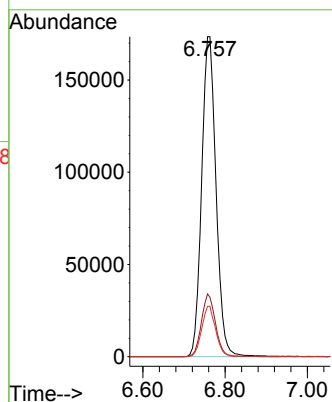
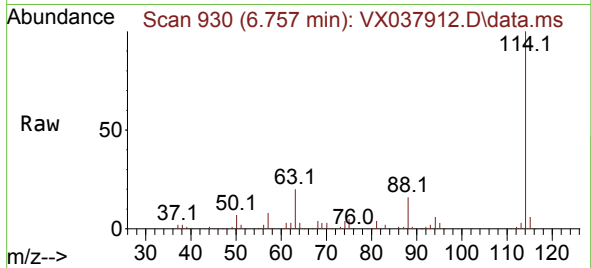




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

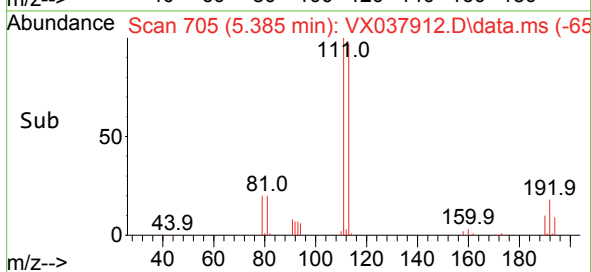
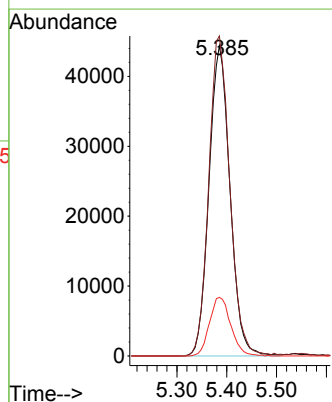
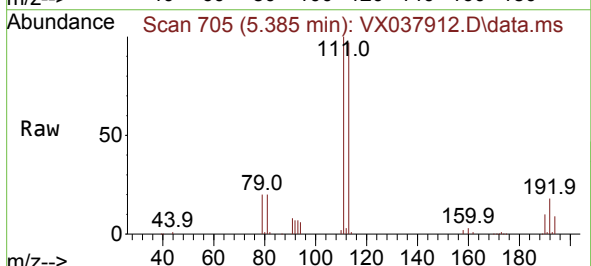
Instrument :
MSVOA_X
ClientSampleId :

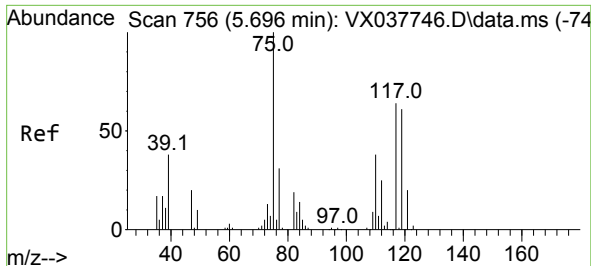
Tgt Ion:114 Resp: 420613
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.076 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Tgt Ion:113 Resp: 129675
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.2 13.3 19.9

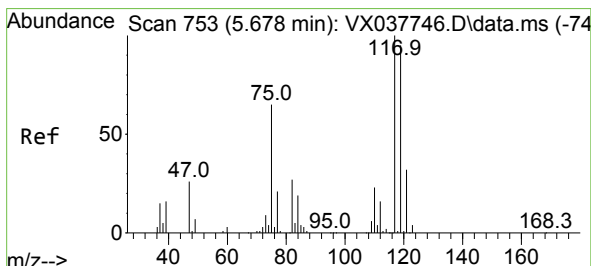
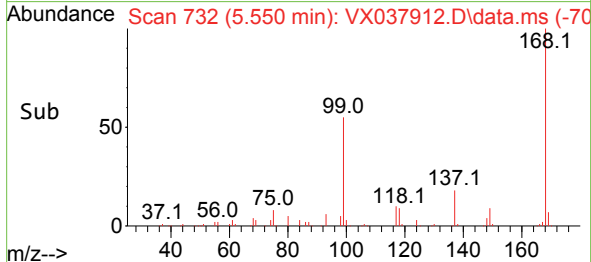
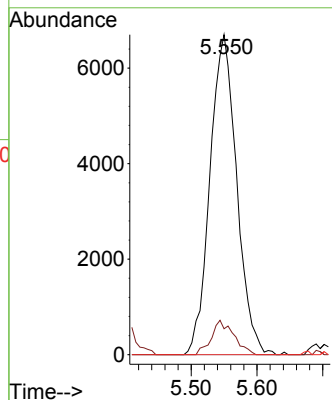
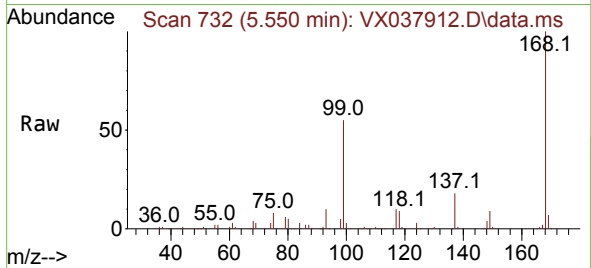




#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

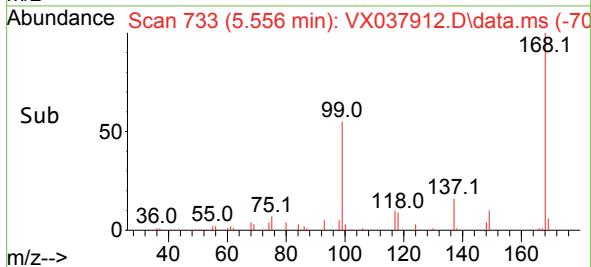
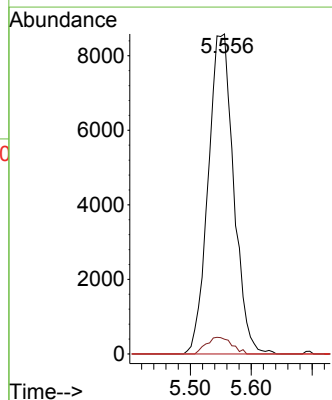
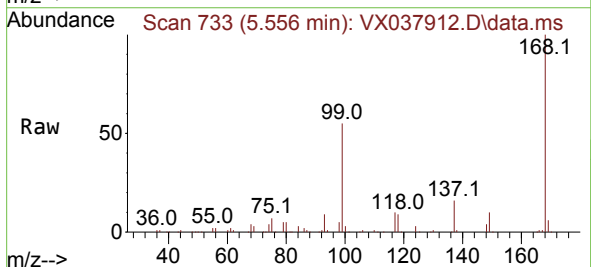
Instrument :
MSVOA_X
ClientSampleId :

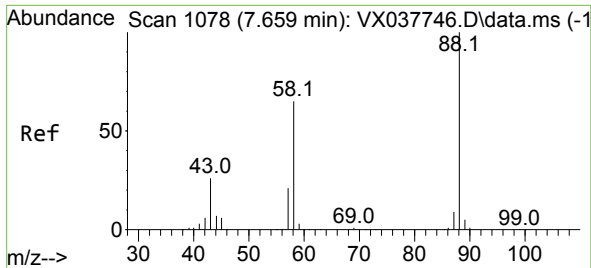
Tgt Ion: 75 Resp: 18991
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

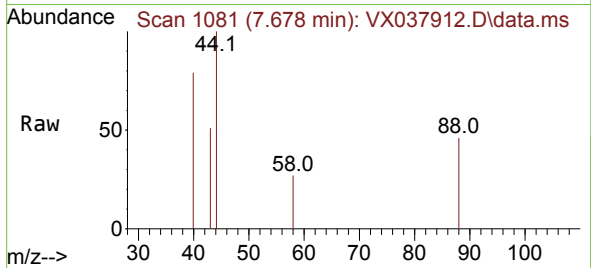
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Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



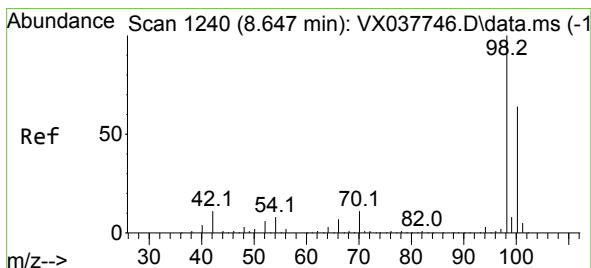
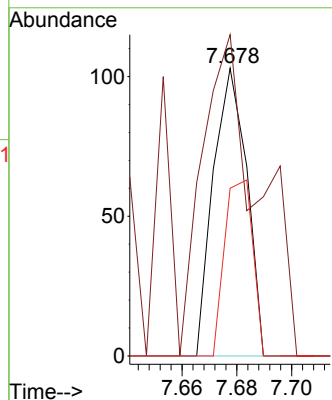
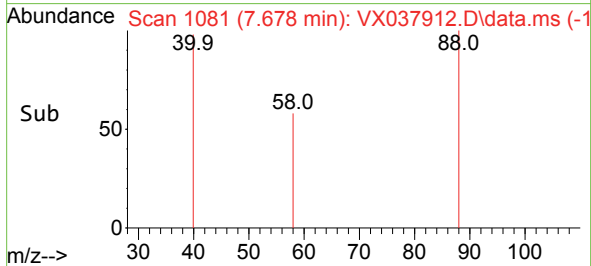


#49
1,4-Dioxane
Concen: 1.019 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

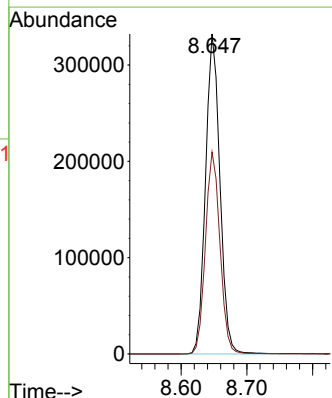
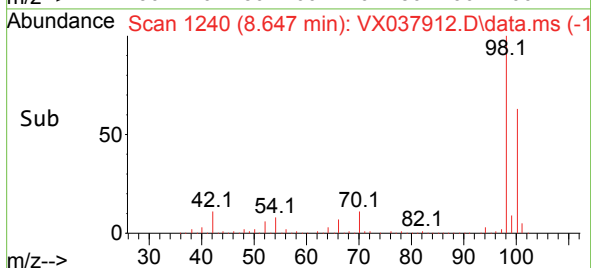
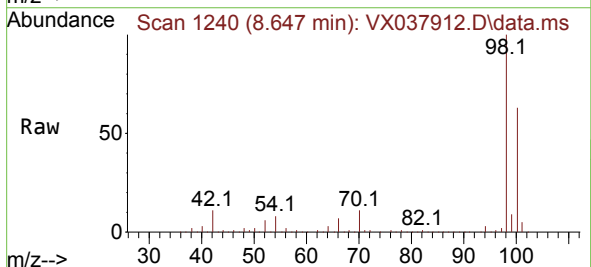


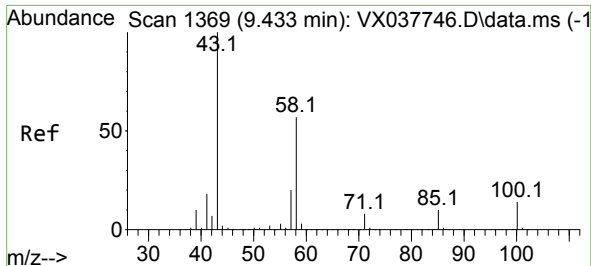
Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
43 188.5 0.0 0.0#
58 51.7 60.1 90.1#



#50
Toluene-d8
Concen: 48.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Tgt Ion: 98 Resp: 506519
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

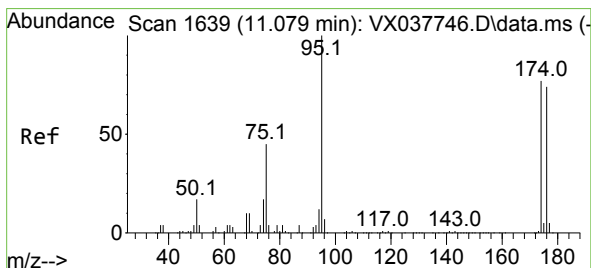
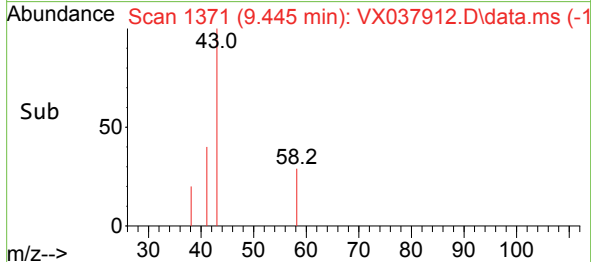
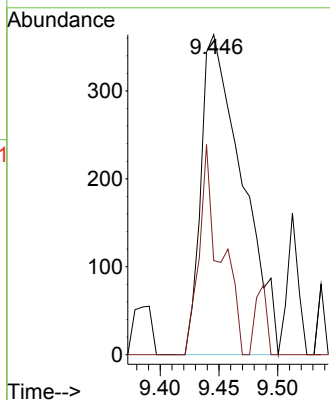
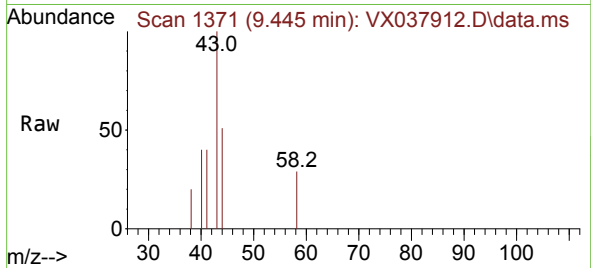




#59
2-Hexanone
Concen: 0.264 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

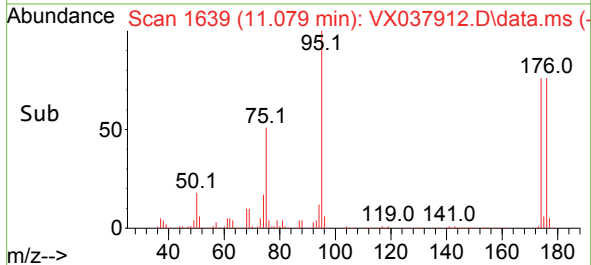
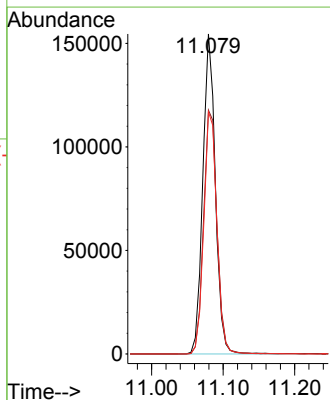
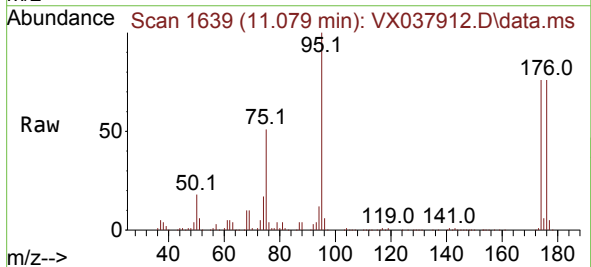
Instrument :
MSVOA_X
ClientSampleId :

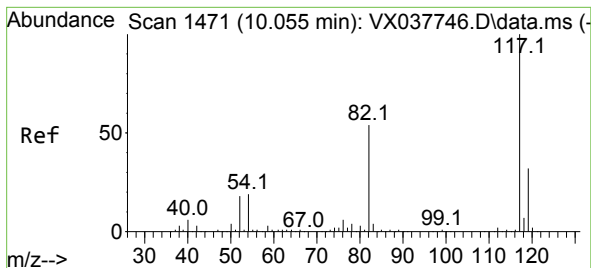
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 33.7 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 49.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

Tgt Ion: 95 Resp: 188166
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 79.3 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: VX037912.D

Acq: 27 Sep 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

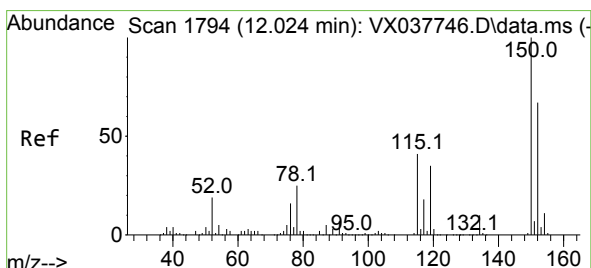
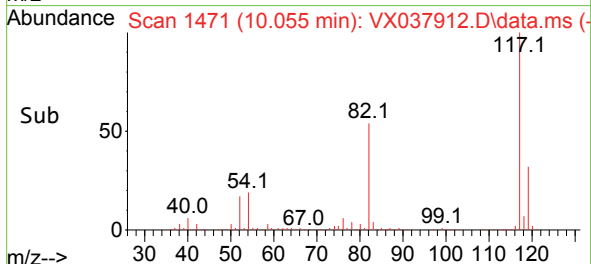
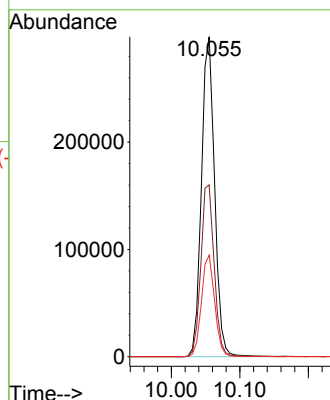
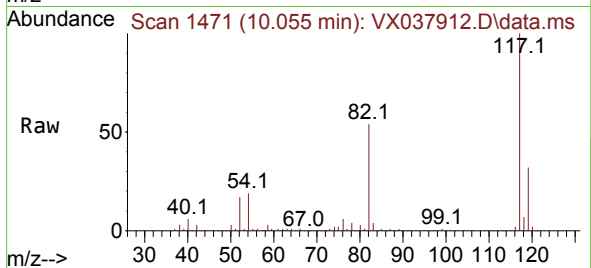
Tgt Ion:117 Resp: 399051

Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 31.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

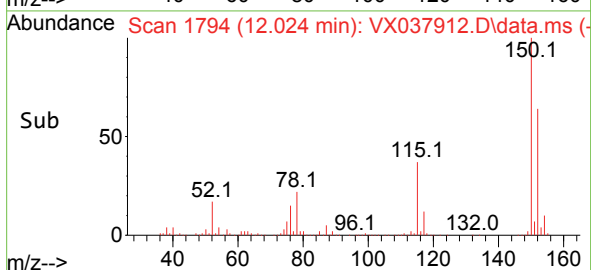
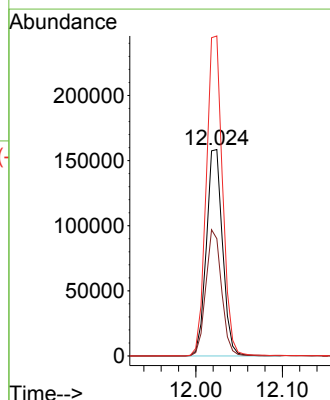
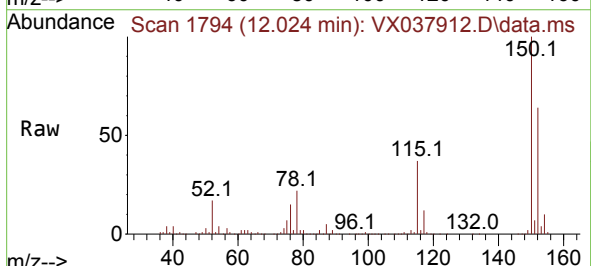
Tgt Ion:152 Resp: 205852

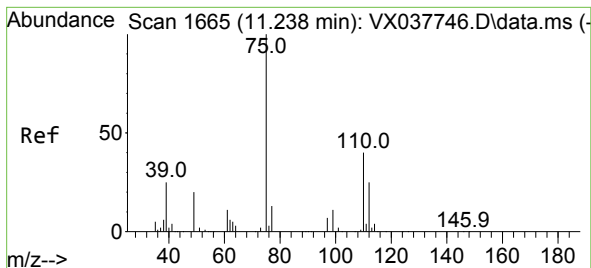
Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.933 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

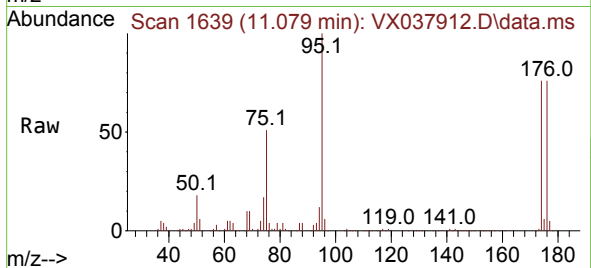
Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

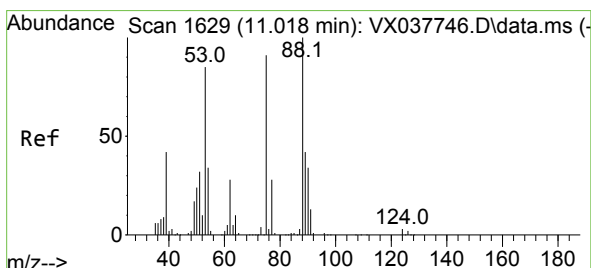
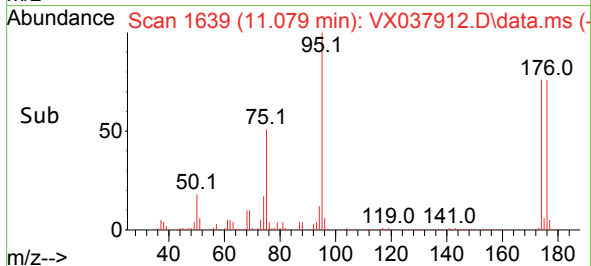
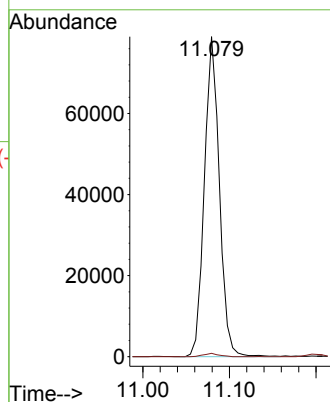


Tgt Ion: 75 Resp: 94903

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.852 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

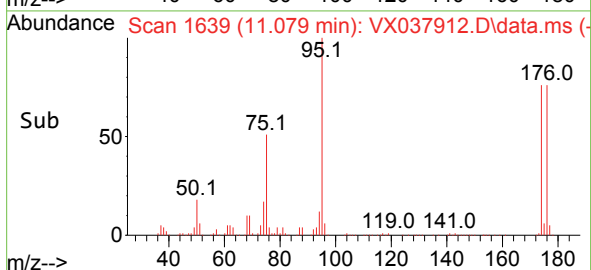
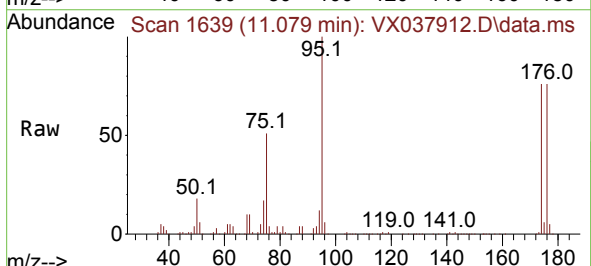
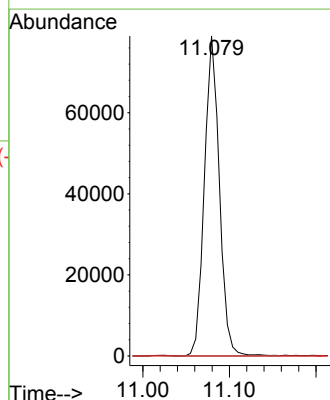
Tgt Ion: 75 Resp: 94903

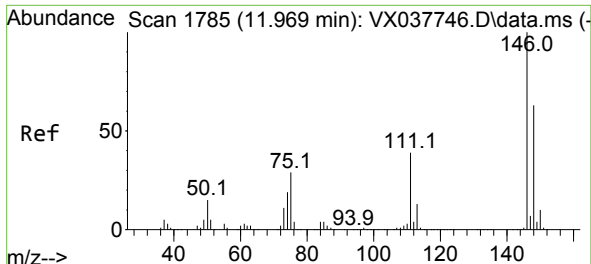
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.230 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

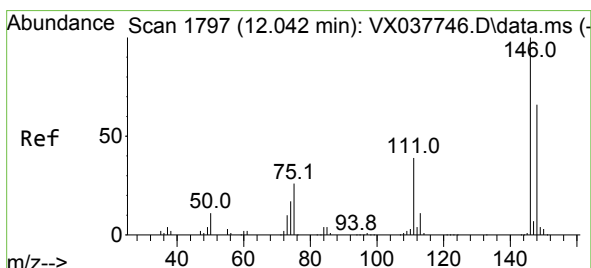
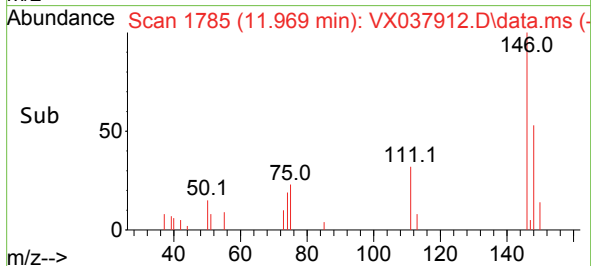
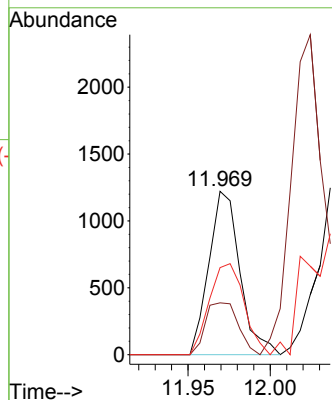
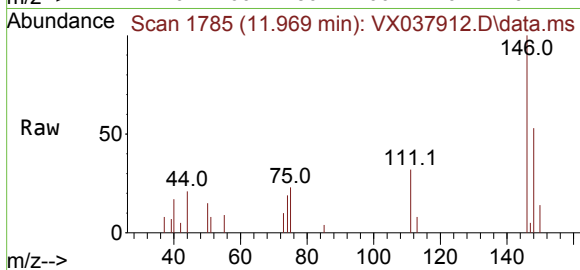
Tgt Ion:146 Resp: 1601

Ion Ratio Lower Upper

146 100

111 33.5 22.1 66.1

148 62.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.225 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

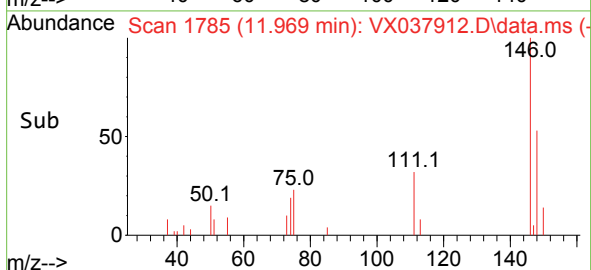
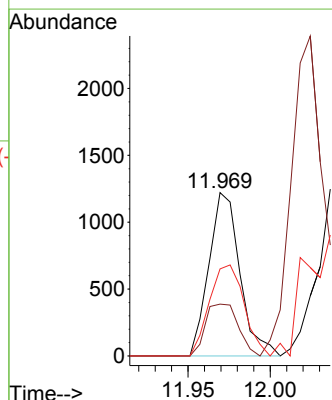
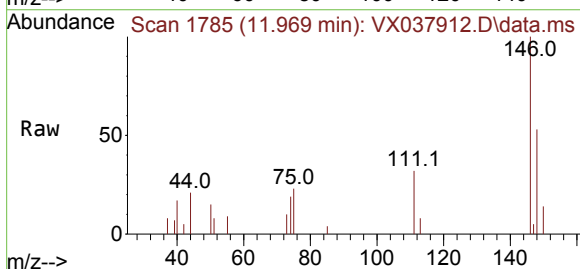
Tgt Ion:146 Resp: 1601

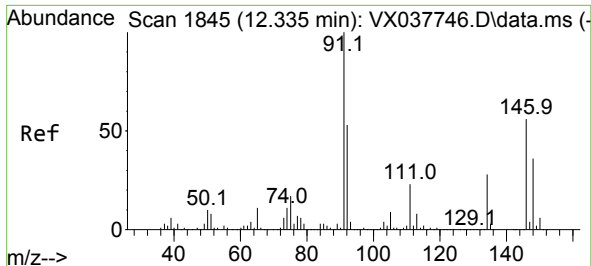
Ion Ratio Lower Upper

146 100

111 33.5 21.3 63.7

148 62.2 31.8 95.4





#89

n-Butylbenzene

Concen: 0.269 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037912.D

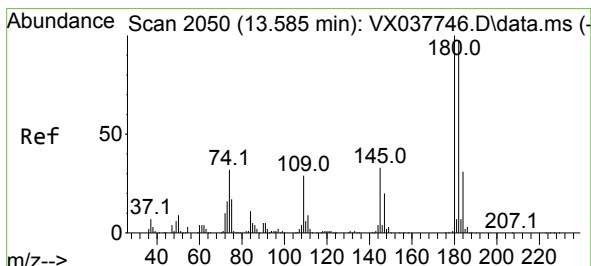
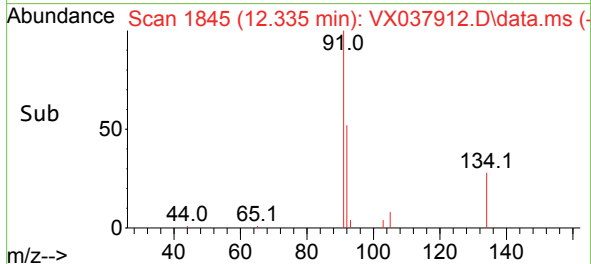
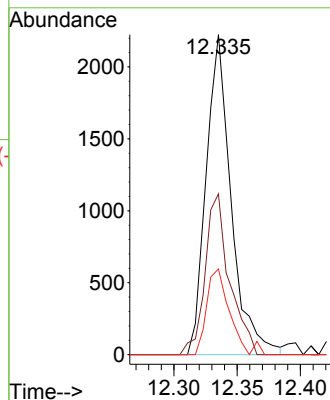
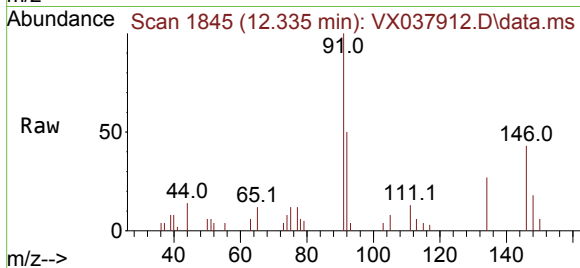
Acq: 27 Sep 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	3066
Ion	Ratio	Lower Upper
91	100	
92	49.0	27.4 82.0
134	24.6	12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.609 ug/l

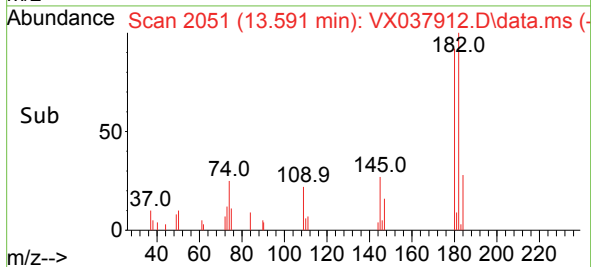
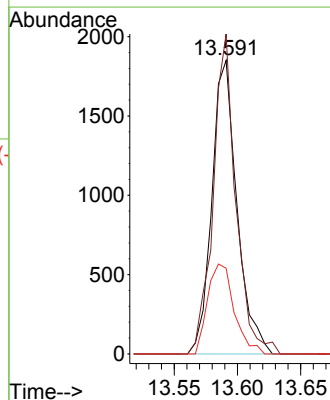
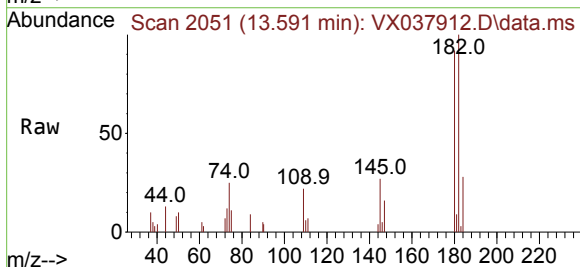
RT: 13.591 min Scan# 2051

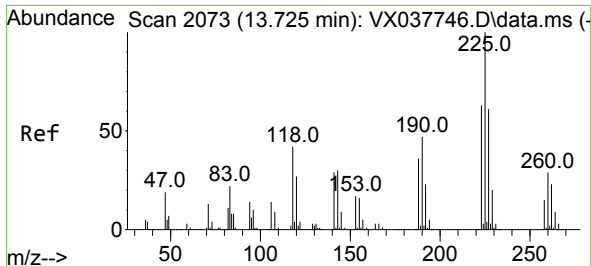
Delta R.T. 0.000 min

Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

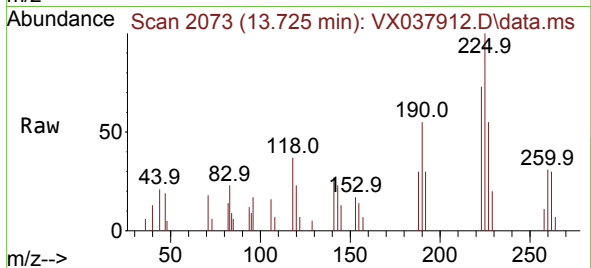
Tgt Ion: 180	Resp:	2554
Ion	Ratio	Lower Upper
180	100	
182	98.5	48.3 144.8
145	32.4	18.0 54.0



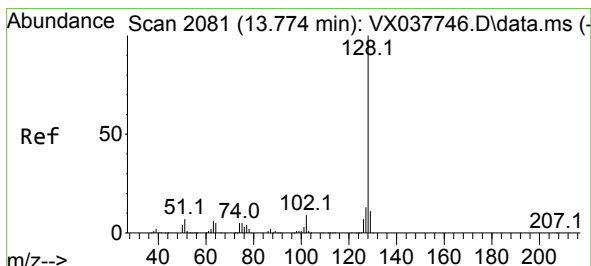
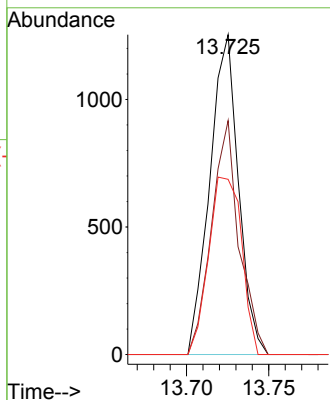
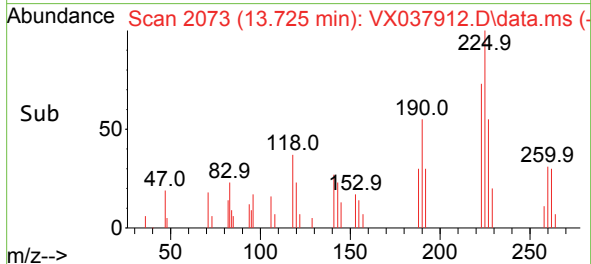


#94
Hexachlorobutadiene
Concen: 0.778 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18

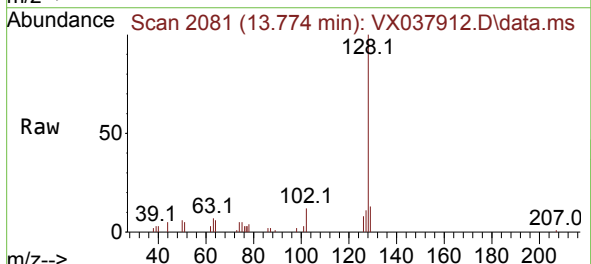
Instrument :
MSVOA_X
ClientSampleId :



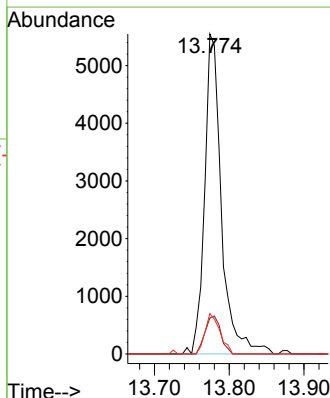
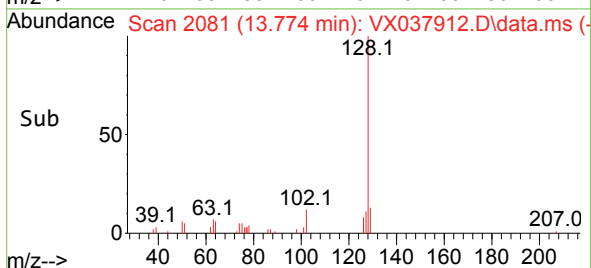
Tgt Ion:225 Resp: 1523
Ion Ratio Lower Upper
225 100
223 70.5 31.1 93.2
227 63.6 32.5 97.5

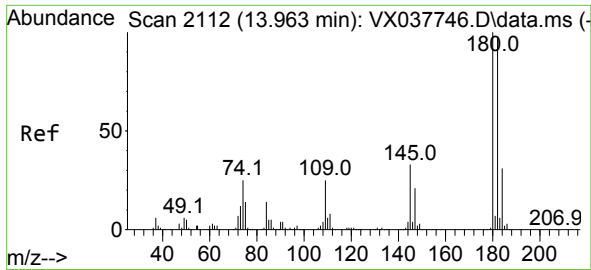


#95
Naphthalene
Concen: 0.614 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037912.D
Acq: 27 Sep 2023 10:18



Tgt Ion:128 Resp: 8696
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 11.1 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.656 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

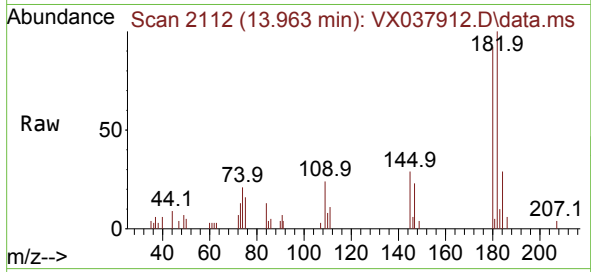
Lab File: VX037912.D

Acq: 27 Sep 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 2827

Ion Ratio Lower Upper

180 100

182 100.0 46.9 140.6

145 31.9 17.8 53.5

