

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038947.D
 Acq On : 20 Nov 2023 10:34
 Operator : JC/MD
 Sample : VX1120MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120MBL01

Quant Time: Nov 21 00:15:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

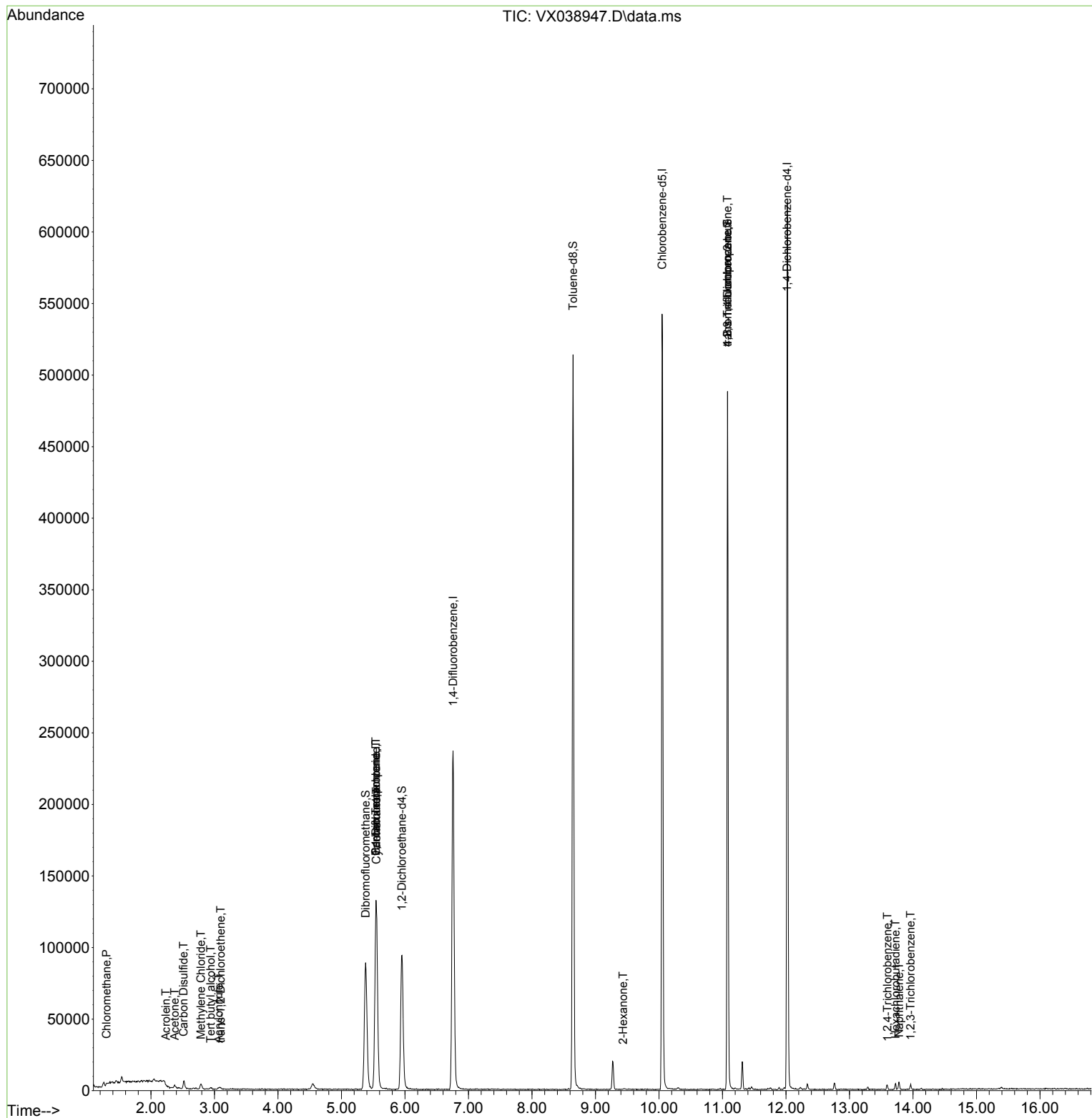
Internal Standards						
1) Pentafluorobenzene	5.544	168	121965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	248483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90293	45.944	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.880%		
35) Dibromofluoromethane	5.379	113	77735	44.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.220%		
50) Toluene-d8	8.647	98	305062	45.759	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.520%#		
62) 4-Bromofluorobenzene	11.079	95	130806	49.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.020%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	838	0.451	ug/l	92
11) Tert butyl alcohol	2.941	59	663	1.213	ug/l #	86
13) Acrolein	2.233	56	231	0.799	ug/l #	14
15) Acrylonitrile	3.069	53	671	0.581	ug/l #	35
16) Acetone	2.374	43	2104	2.011	ug/l #	77
17) Carbon Disulfide	2.514	76	1759	0.374	ug/l	99
20) Methylene Chloride	2.788	84	1712	0.908	ug/l #	79
21) trans-1,2-Dichloroethene	3.099	96	346	0.206	ug/l #	46
31) Cyclohexane	5.550	56	3497	1.246	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	10634	4.258	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13292	5.759	ug/l #	15
59) 2-Hexanone	9.433	43	561	0.211	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	68437	22.419	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68437	49.728	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	805	0.302	ug/l	95
94) Hexachlorobutadiene	13.725	225	538	0.570	ug/l	98
95) Naphthalene	13.780	128	3739	0.377	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	839	0.332	ug/l	81

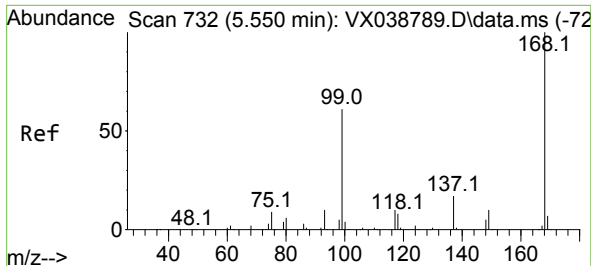
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
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Instrument :
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ClientSampleId :
VX1120MBL01

Quant Time: Nov 21 00:15:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 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: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

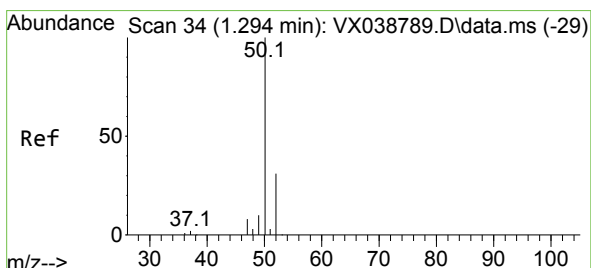
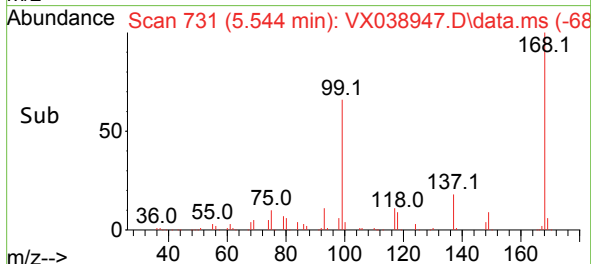
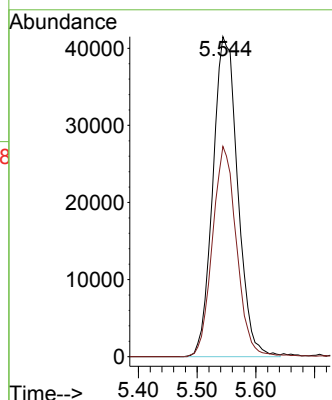
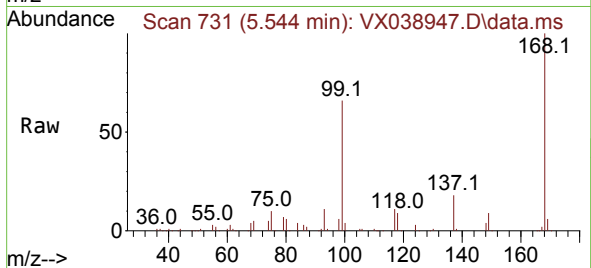
VX1120MBL01

Tgt Ion:168 Resp: 121965

Ion Ratio Lower Upper

168 100

99 65.7 56.6 85.0



#3

Chloromethane

Concen: 0.451 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX038947.D

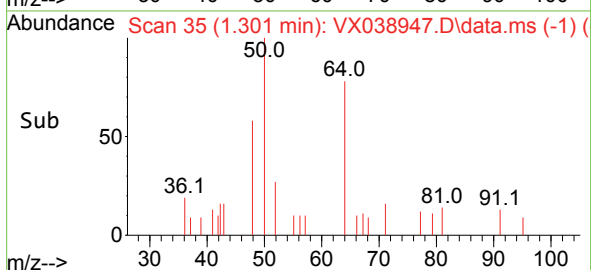
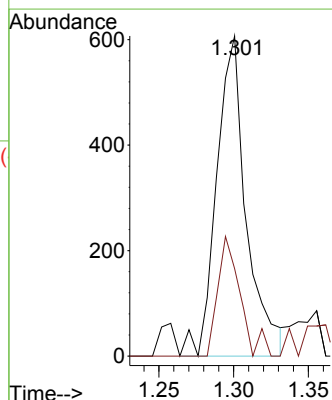
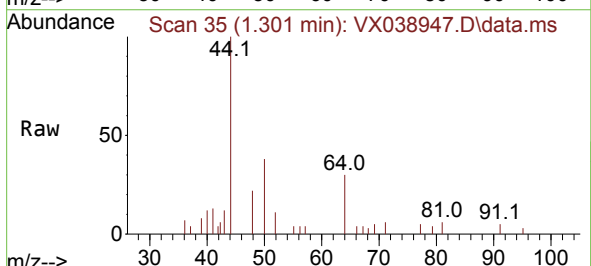
Acq: 20 Nov 2023 10:34

Tgt Ion: 50 Resp: 838

Ion Ratio Lower Upper

50 100

52 27.3 25.5 38.3





#11

Tert butyl alcohol

Concen: 1.213 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

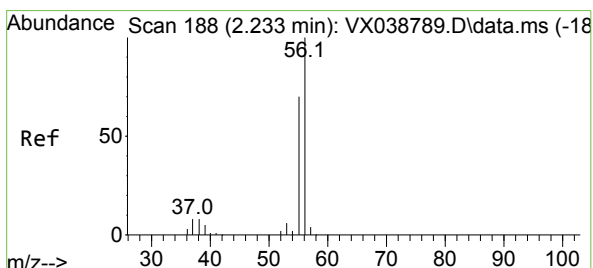
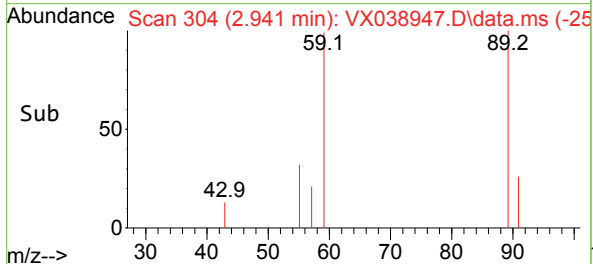
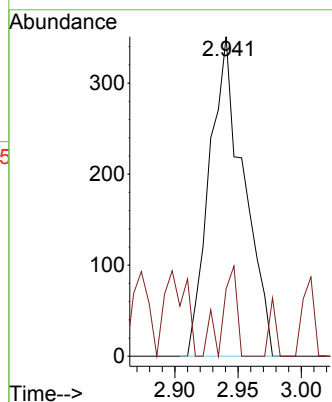
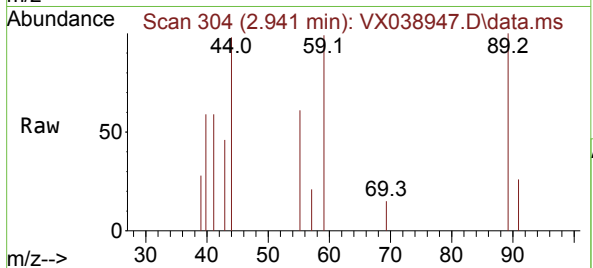
VX1120MBL01

Tgt Ion: 59 Resp: 663

Ion Ratio Lower Upper

59 100

57 12.4 6.0 9.0#



#13

Acrolein

Concen: 0.799 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038947.D

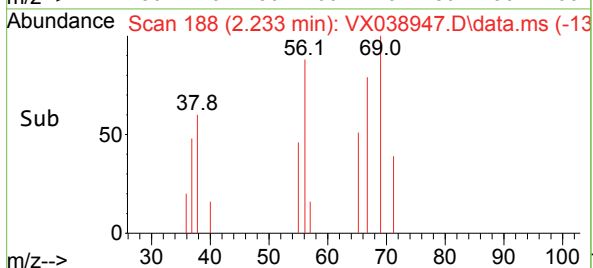
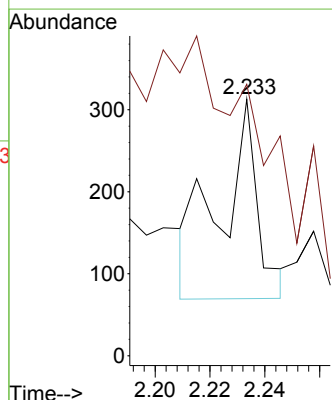
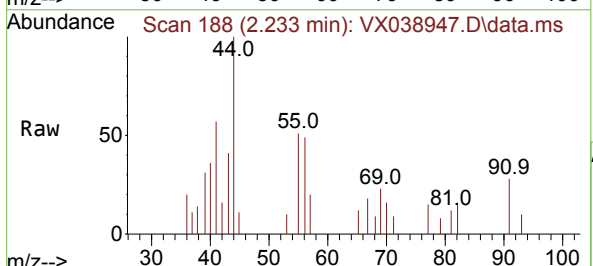
Acq: 20 Nov 2023 10:34

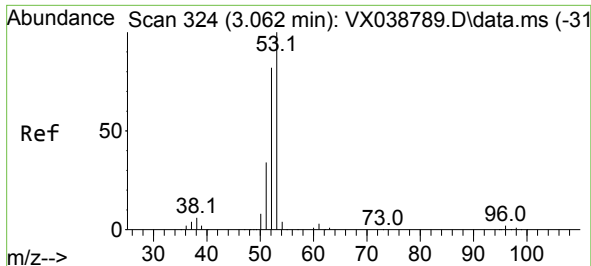
Tgt Ion: 56 Resp: 231

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

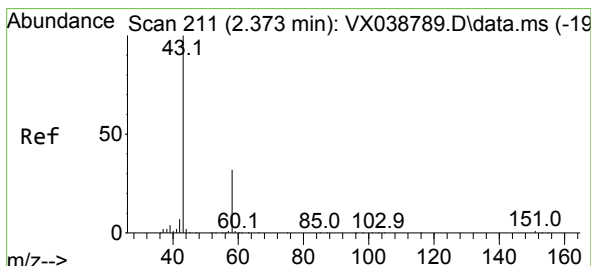
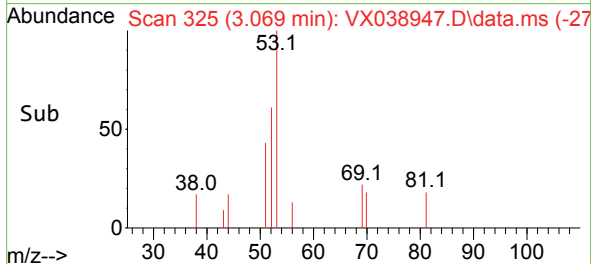
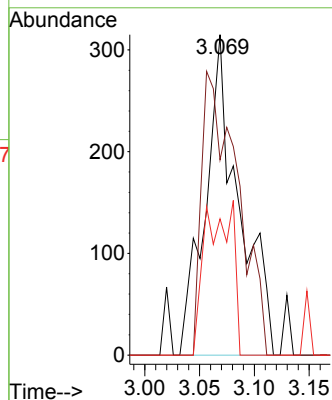
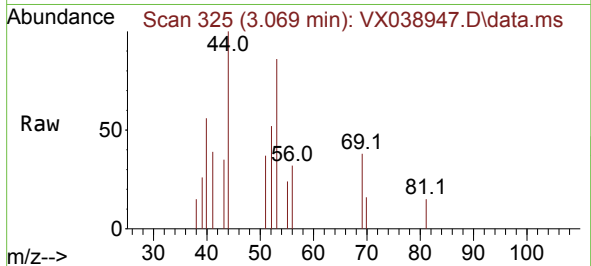




#15
Acrylonitrile
Concen: 0.581 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

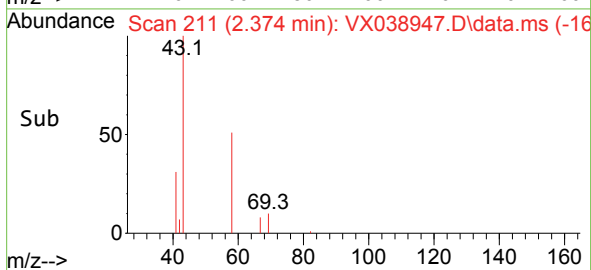
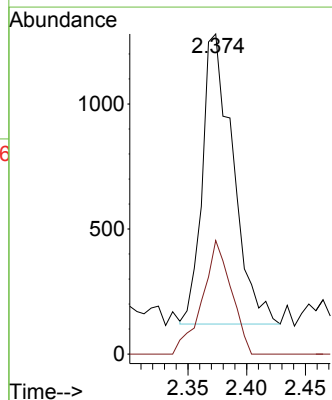
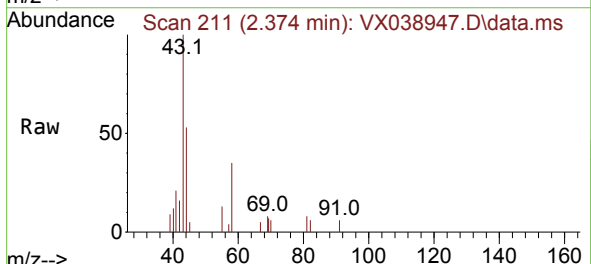
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

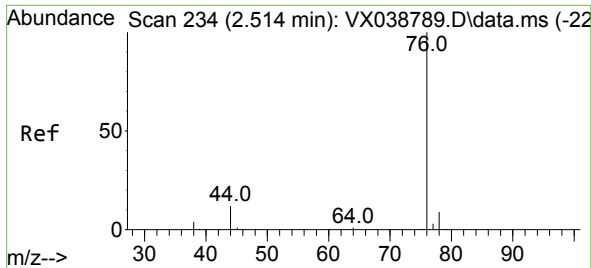
Tgt Ion: 53 Resp: 671
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 39.5 29.8 44.6



#16
Acetone
Concen: 2.011 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 39.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.374 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

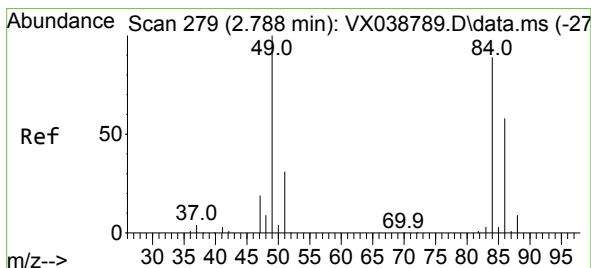
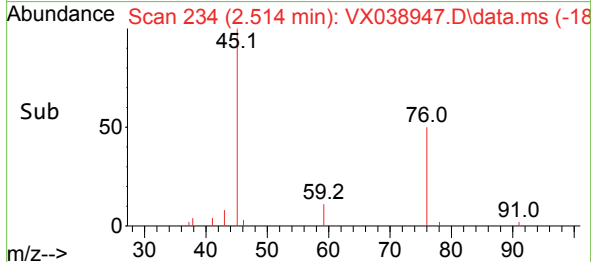
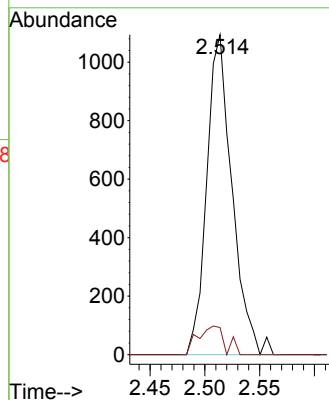
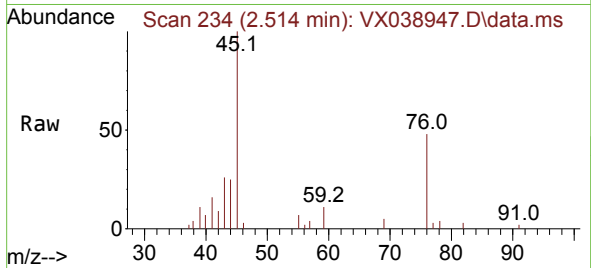
VX1120MBL01

Tgt Ion: 76 Resp: 1759

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



#20

Methylene Chloride

Concen: 0.908 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Tgt Ion: 84 Resp: 1712

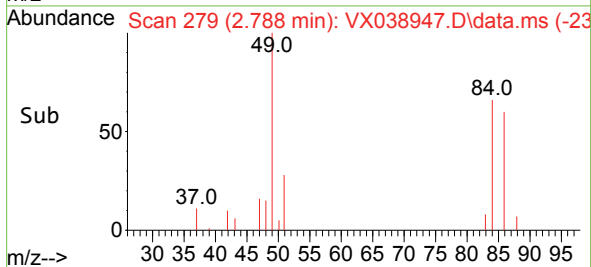
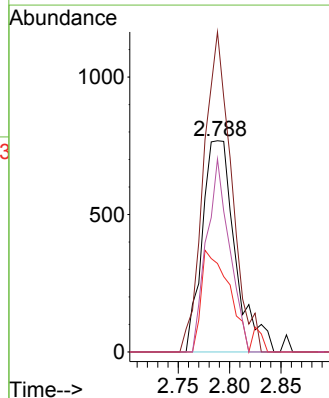
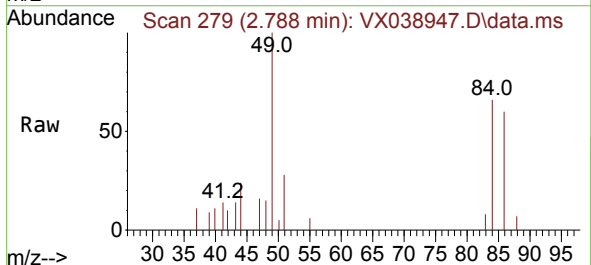
Ion Ratio Lower Upper

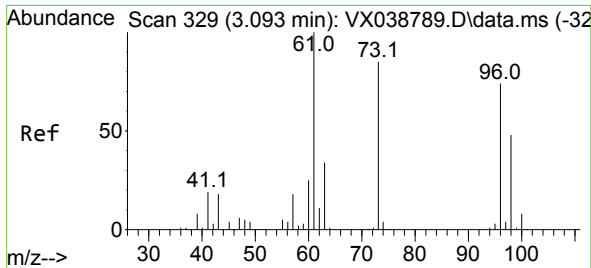
84 100

49 151.6 103.6 155.4

51 41.9 33.8 50.6

86 91.4 49.4 74.0#

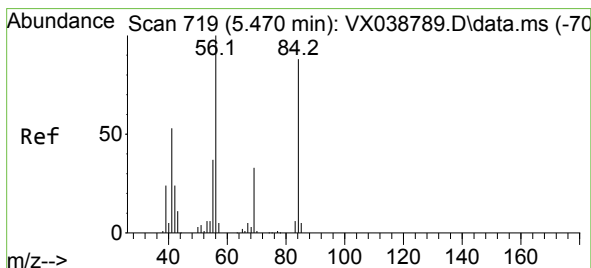
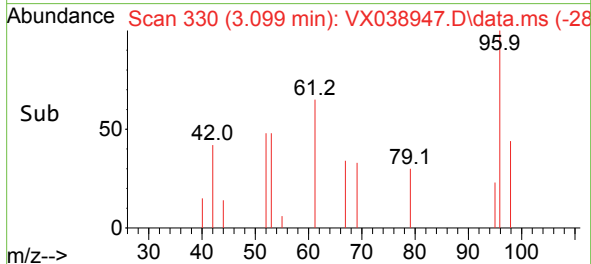
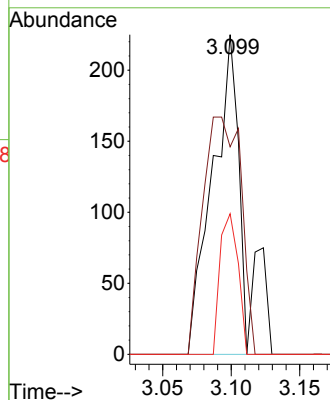
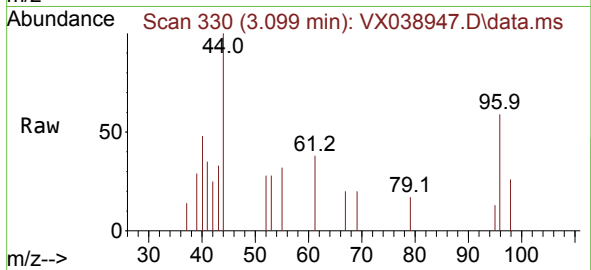




#21
trans-1,2-Dichloroethene
Concen: 0.206 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

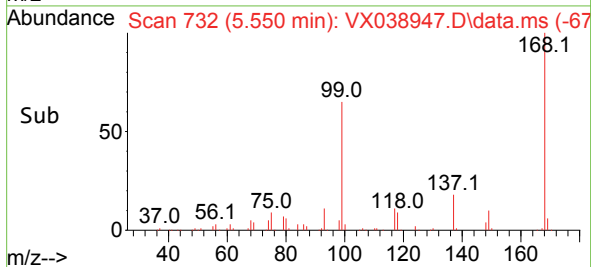
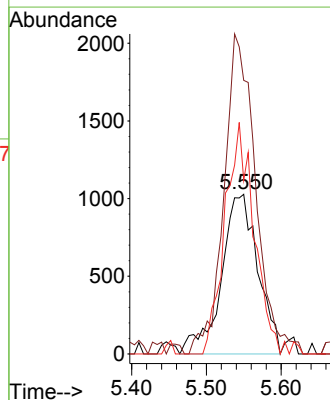
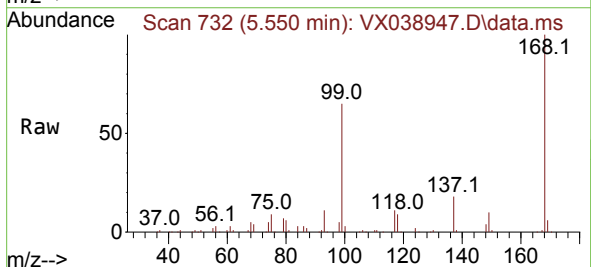
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

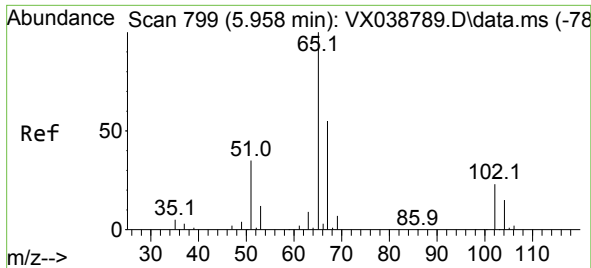
Tgt Ion: 96 Resp: 346
Ion Ratio Lower Upper
96 100
61 64.9 119.2 178.8#
98 44.0 48.7 73.1#



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

Tgt Ion: 56 Resp: 3497
Ion Ratio Lower Upper
56 100
69 166.0 23.4 35.2#
84 108.6 65.9 98.9#

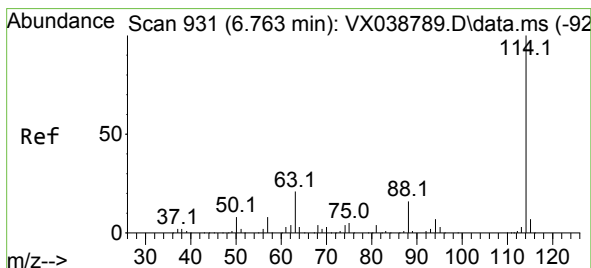
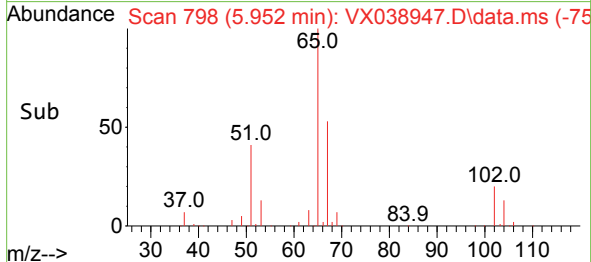
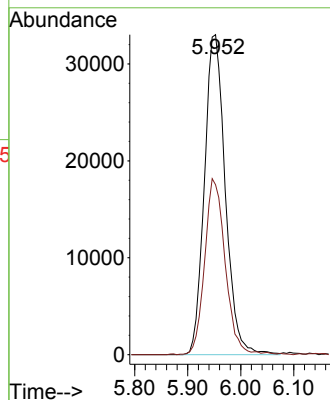
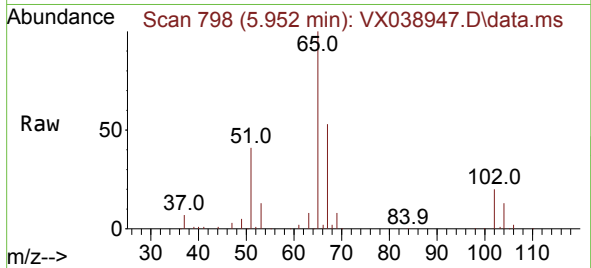




#33
 1,2-Dichloroethane-d4
 Concen: 45.944 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038947.D
 Acq: 20 Nov 2023 10:34

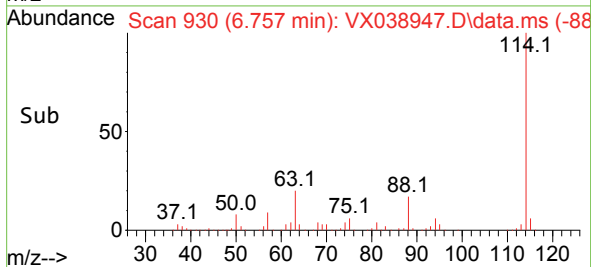
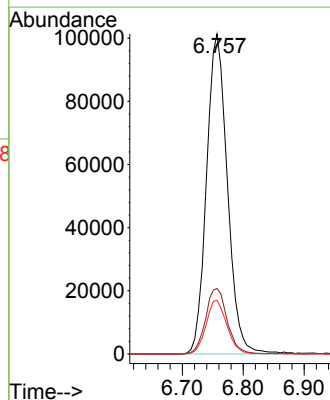
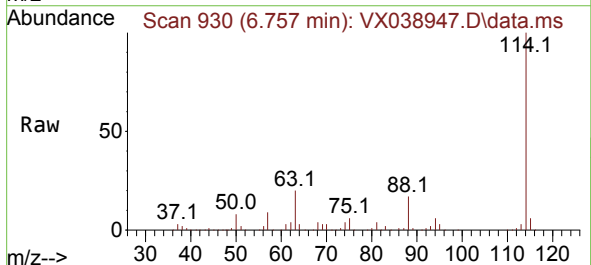
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 ClientSampleId :
 VX1120MBL01

Tgt Ion: 65 Resp: 90293
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX038947.D
 Acq: 20 Nov 2023 10:34

Tgt Ion: 114 Resp: 241264
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.0
 88 16.8 0.0 36.6

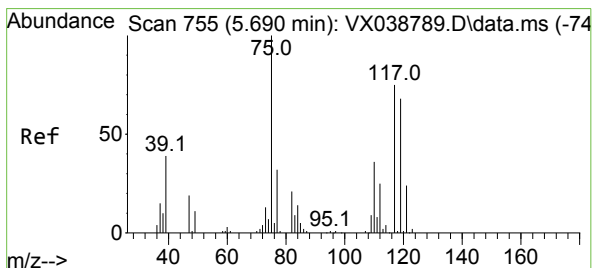
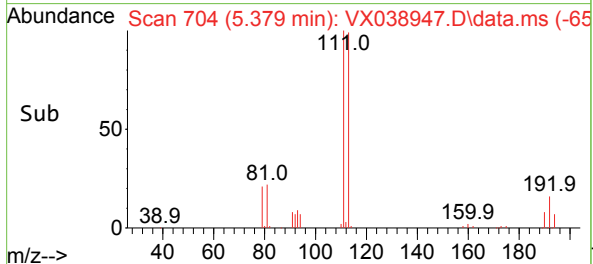
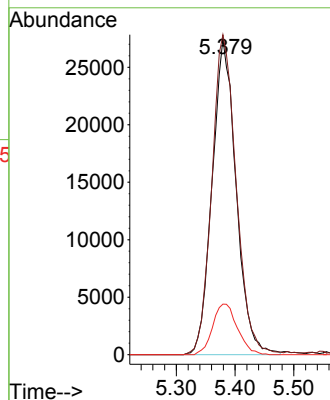
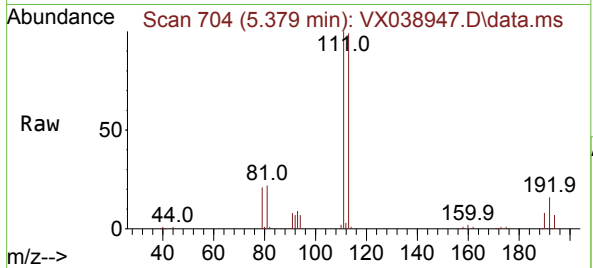




#35
Dibromofluoromethane
Concen: 44.612 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

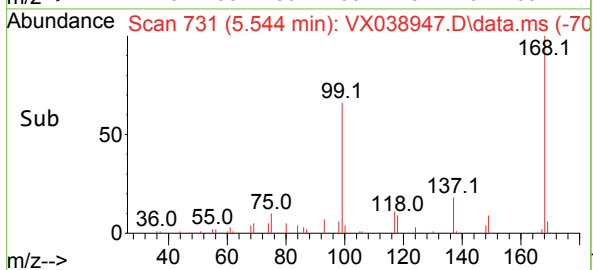
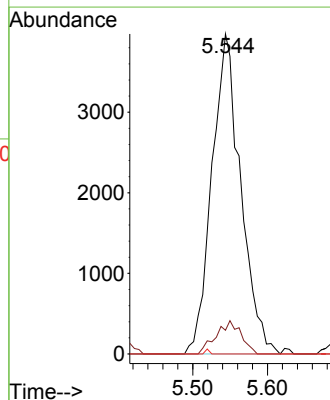
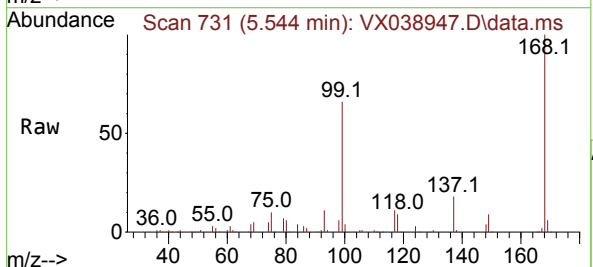
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

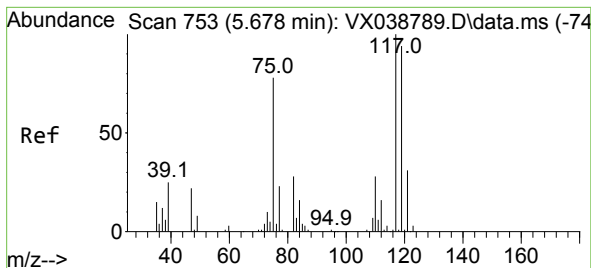
Tgt Ion:113 Resp: 77735
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.258 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

Tgt Ion: 75 Resp: 10634
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.759 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1120MBL01

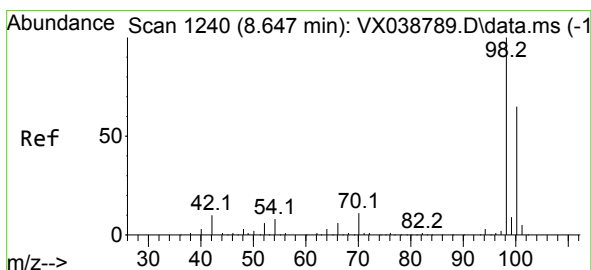
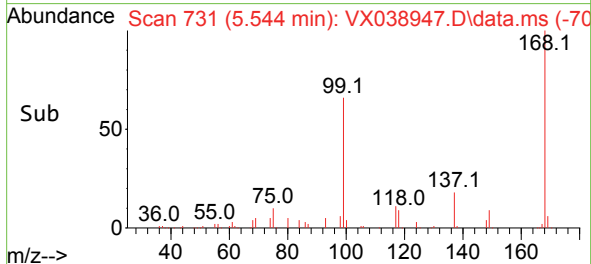
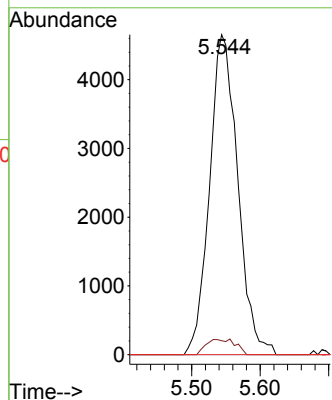
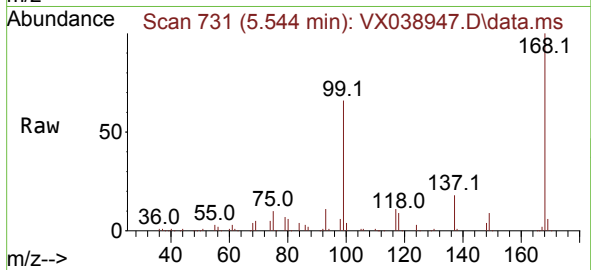
Tgt Ion:117 Resp: 13292

Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.759 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038947.D

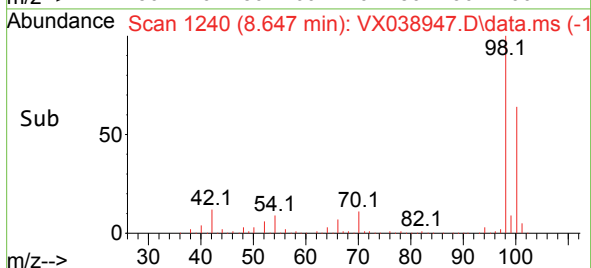
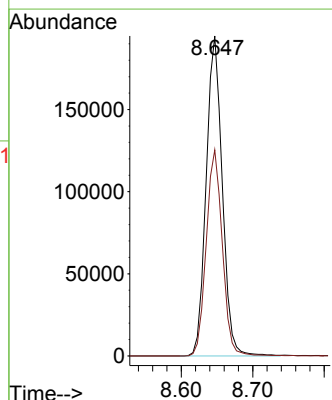
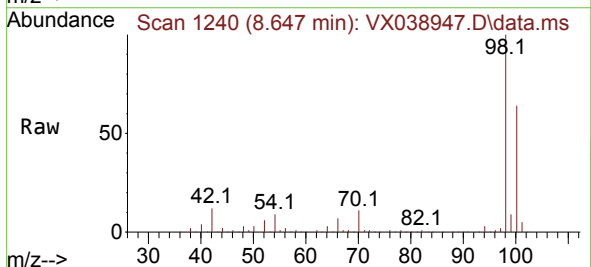
Acq: 20 Nov 2023 10:34

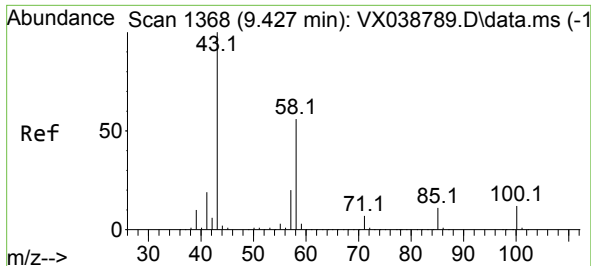
Tgt Ion: 98 Resp: 305062

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7





#59

2-Hexanone

Concen: 0.211 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

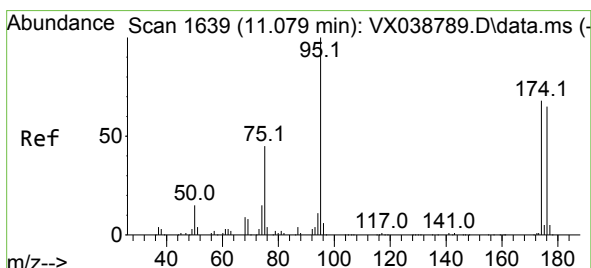
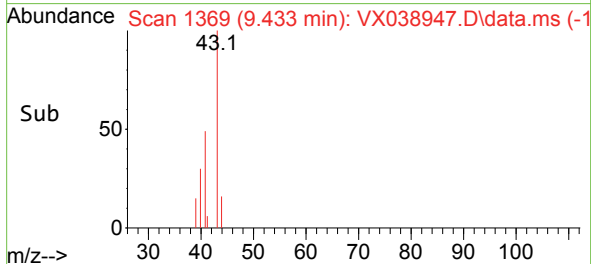
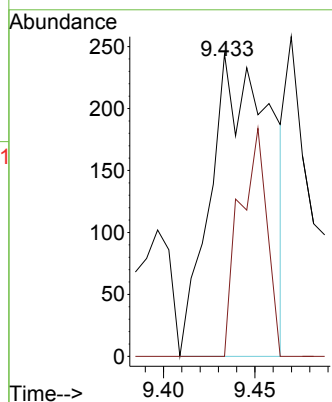
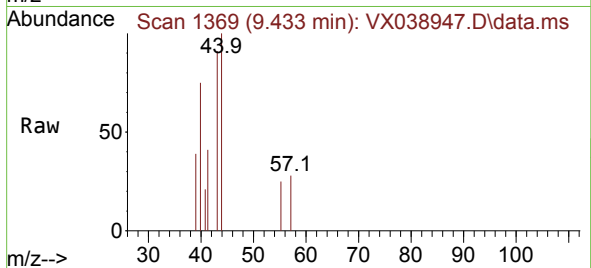
VX1120MBL01

Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

43 100

58 34.0 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 49.014 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

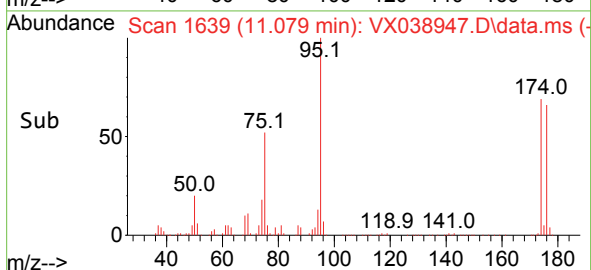
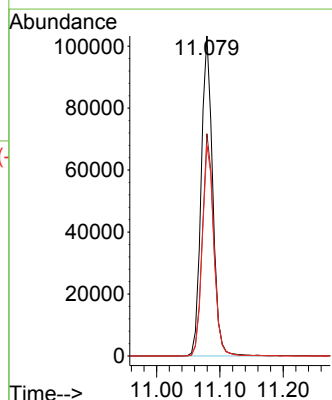
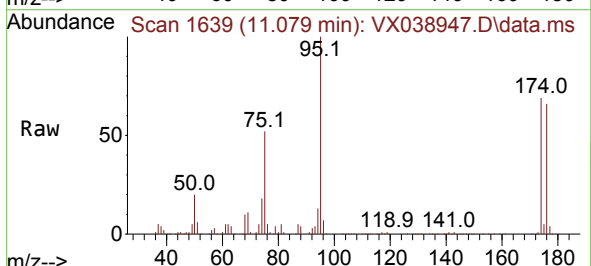
Tgt Ion: 95 Resp: 130806

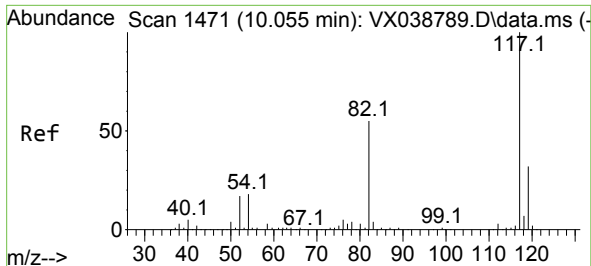
Ion Ratio Lower Upper

95 100

174 68.7 0.0 135.6

176 66.3 0.0 131.0

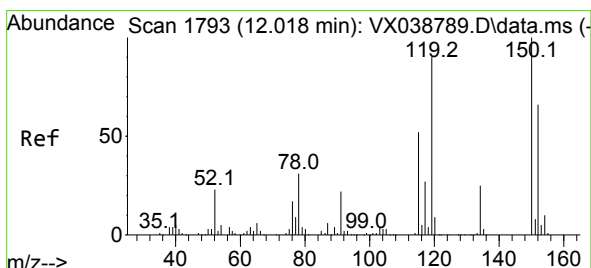
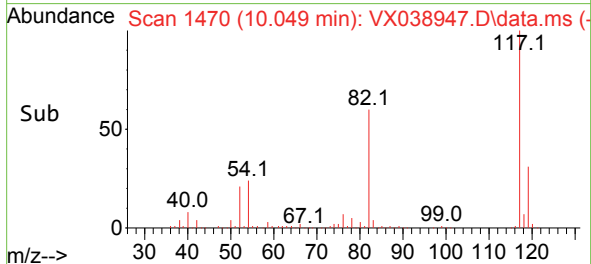
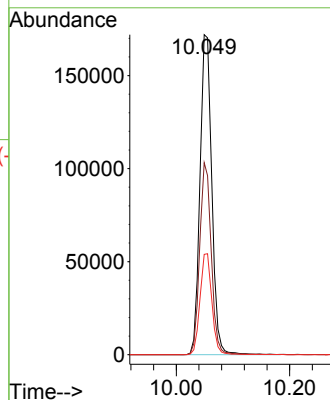
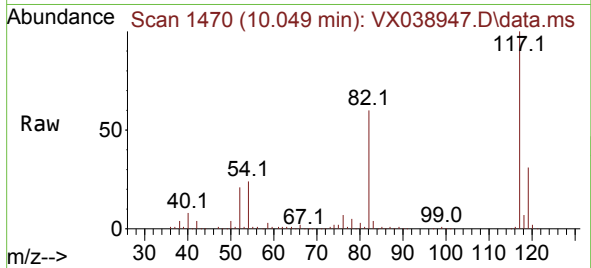




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

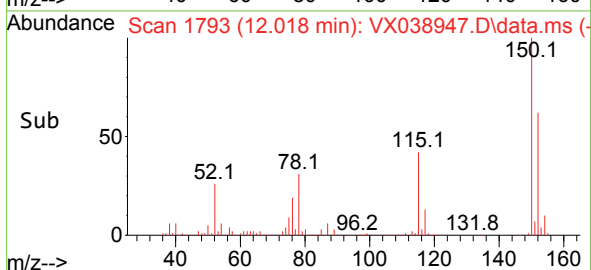
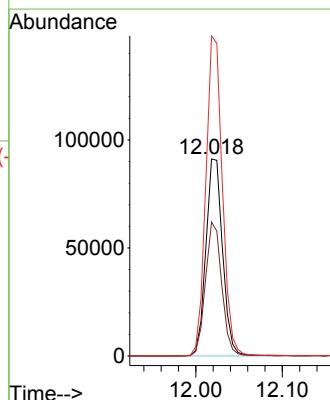
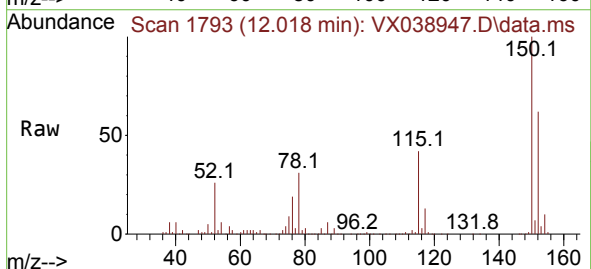
Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01

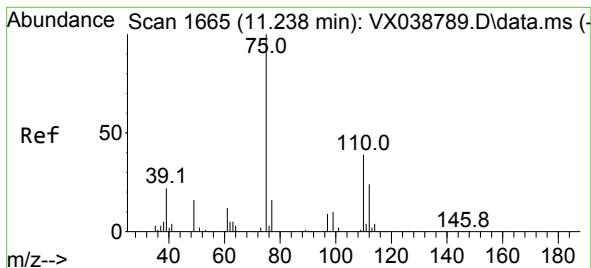
Tgt Ion:117 Resp: 248483
Ion Ratio Lower Upper
117 100
82 60.0 46.2 69.4
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

Tgt Ion:152 Resp: 122349
Ion Ratio Lower Upper
152 100
115 66.4 43.3 129.9
150 160.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.419 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

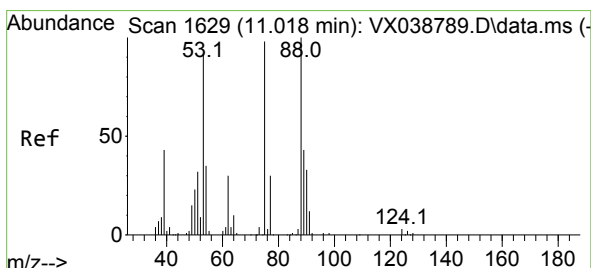
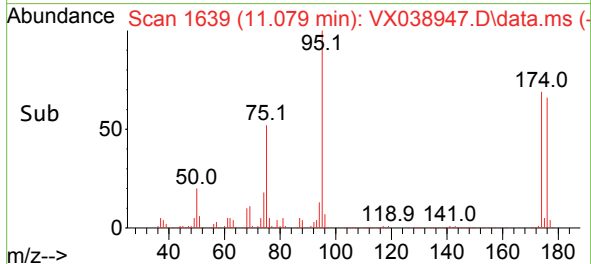
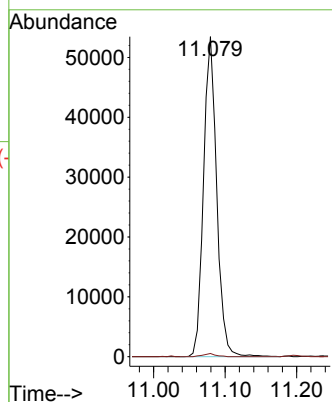
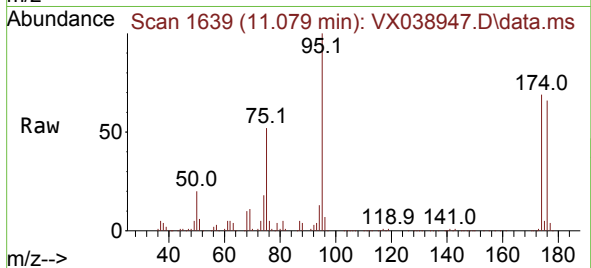
VX1120MBL01

Tgt Ion: 75 Resp: 68437

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 49.728 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

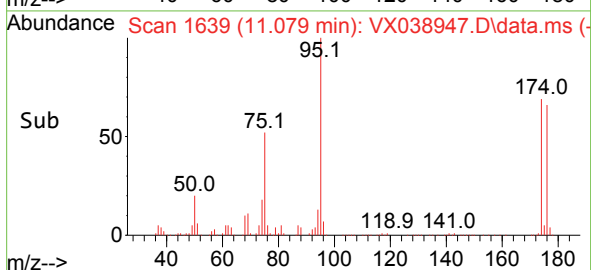
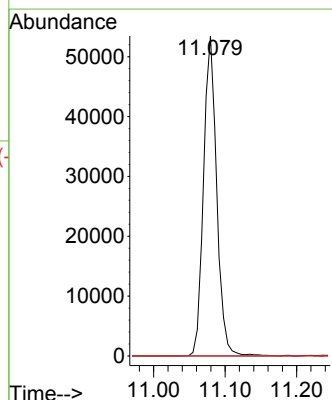
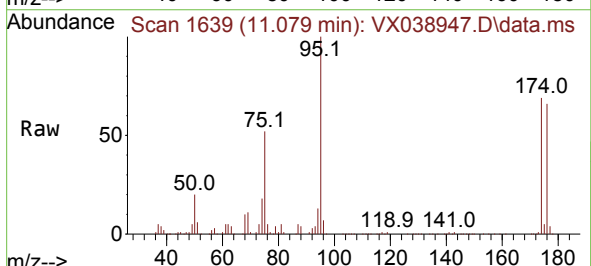
Tgt Ion: 75 Resp: 68437

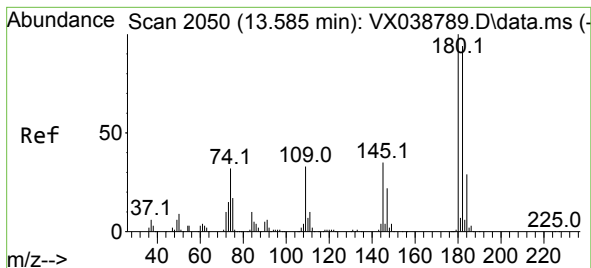
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.302 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1120MBL01

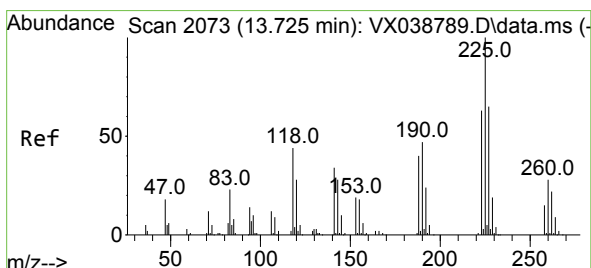
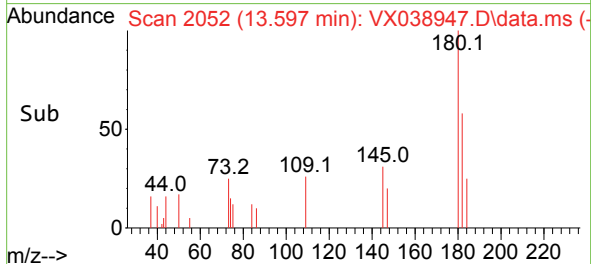
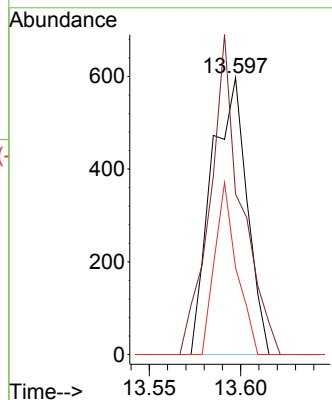
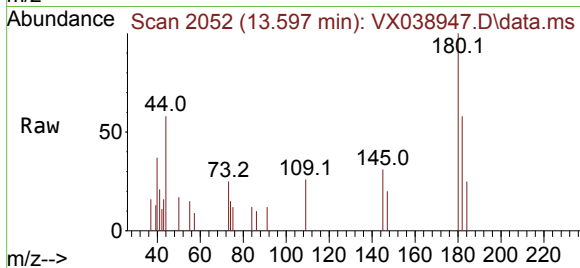
Tgt Ion:180 Resp: 805

Ion Ratio Lower Upper

180 100

182 101.5 48.3 144.8

145 38.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.570 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038947.D

Acq: 20 Nov 2023 10:34

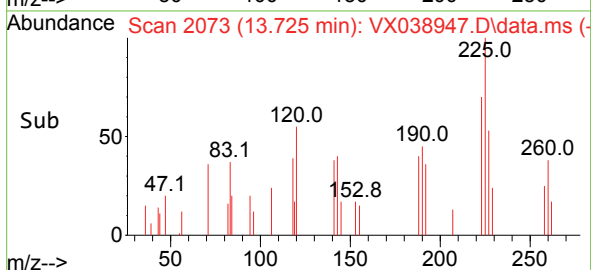
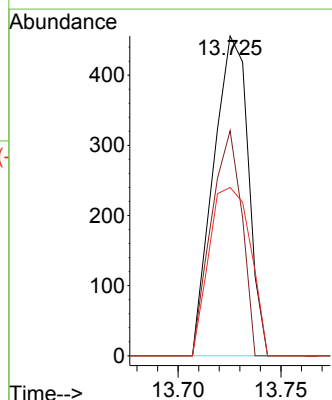
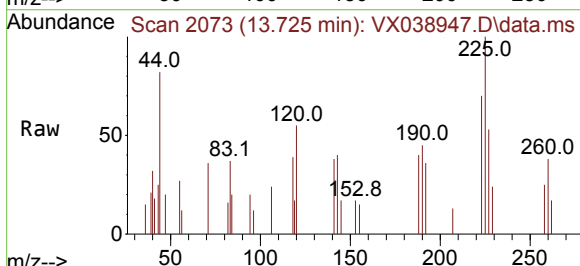
Tgt Ion:225 Resp: 538

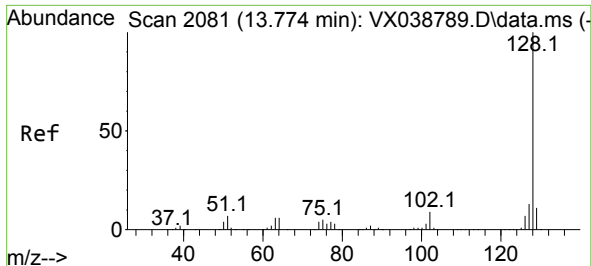
Ion Ratio Lower Upper

225 100

223 61.5 31.1 93.2

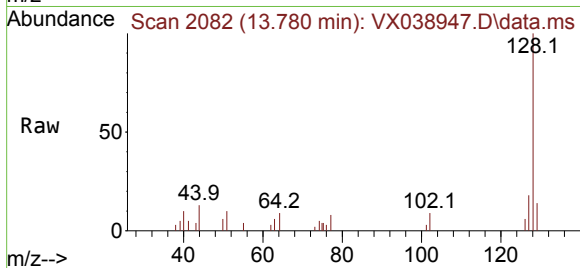
227 62.5 32.5 97.5



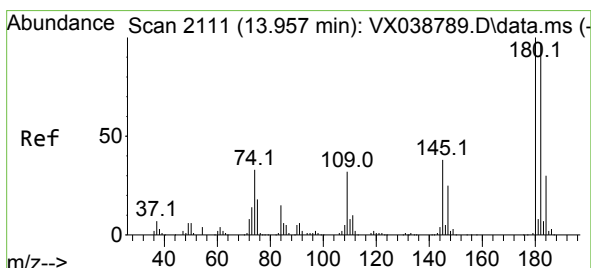
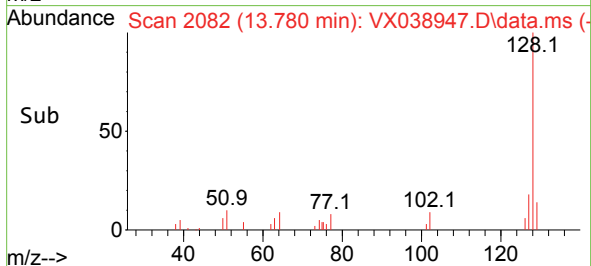
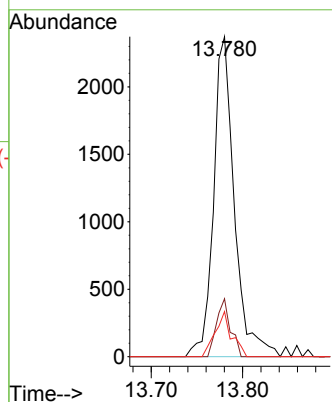


#95
Naphthalene
Concen: 0.377 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VX1120MBL01



Tgt Ion:128 Resp: 3739
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.332 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038947.D
Acq: 20 Nov 2023 10:34

Tgt Ion:180 Resp: 839
Ion Ratio Lower Upper
180 100
182 113.0 46.9 140.6
145 44.5 17.8 53.5

