

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012423\
 Data File : VX033863.D
 Acq On : 24 Jan 2023 11:39
 Operator : JC/MD
 Sample : VX0124MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124MBL01

Quant Time: Jan 25 03:14:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

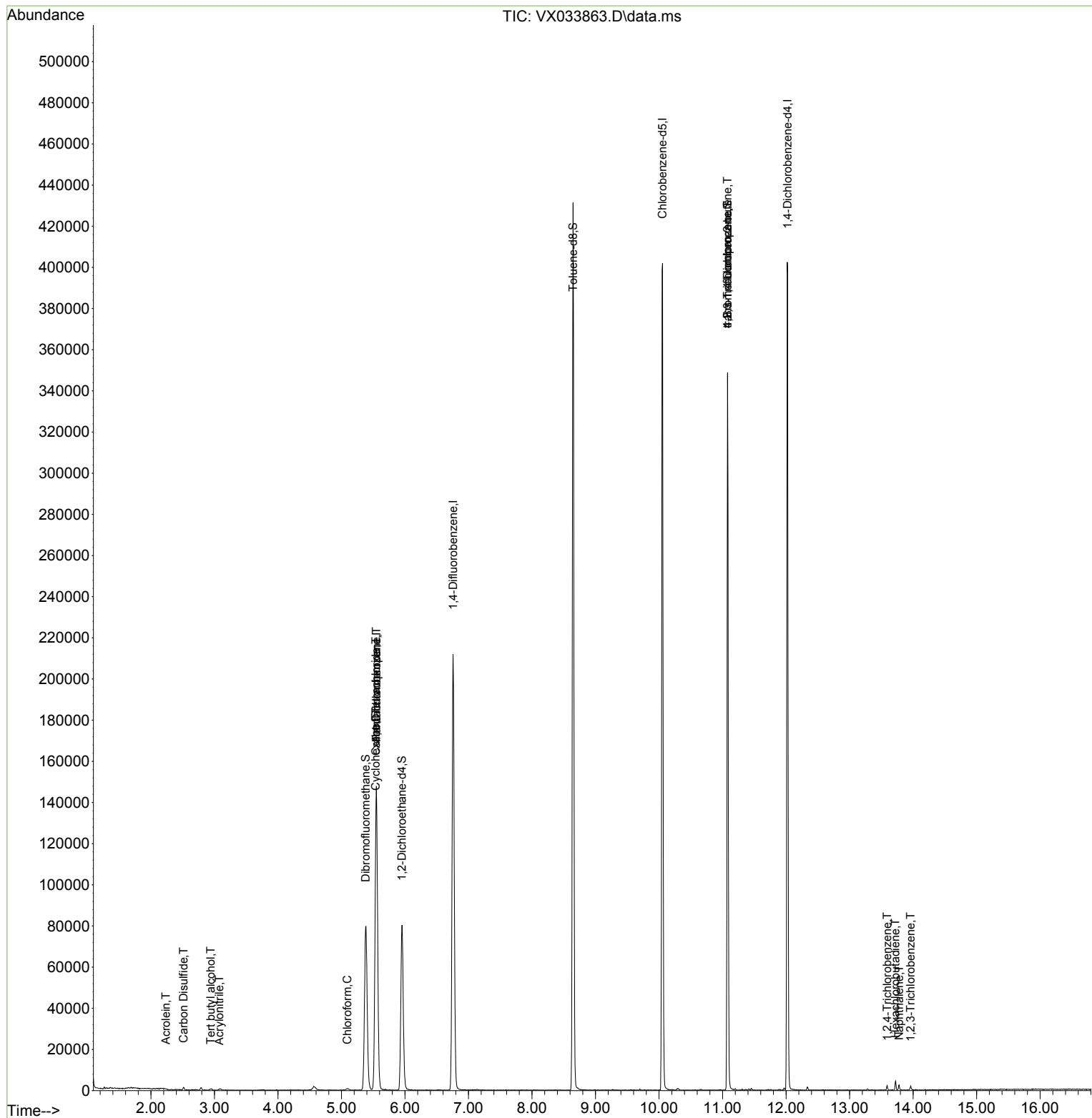
Internal Standards						
1) Pentafluorobenzene	5.550	168	159459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75940	45.230	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.460%		
35) Dibromofluoromethane	5.379	113	71305	49.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	8.647	98	262438	49.970	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	89290	45.792	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.580%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	468	1.605	ug/l #	86
13) Acrolein	2.233	56	209	0.777	ug/l	90
15) Acrylonitrile	3.075	53	305	0.397	ug/l #	66
16) Acetone	2.392	43	326	Below Cal	#	47
17) Carbon Disulfide	2.514	76	1640	2.304	ug/l	100
20) Methylene Chloride	2.788	84	614	Below Cal	#	75
30) Chloroform	5.093	83	1075	0.390	ug/l	100
31) Cyclohexane	5.538	56	2381	0.964	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9462	4.498	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13243	6.078	ug/l #	15
64) Tetrachloroethene	9.275	164	62	Below Cal	#	69
73) Isopropylbenzene	10.963	105	207	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	41253	23.217	ug/l #	34
77) Bromobenzene	11.195	156	132	Below Cal		77
79) 2-Chlorotoluene	11.463	91	522	Below Cal		77
81) trans-1,4-Dichloro-2-b...	11.079	75	41253	72.156	ug/l #	8
82) 4-Chlorotoluene	11.463	91	522	Below Cal		83
93) 1,2,4-Trichlorobenzene	13.591	180	754	0.355	ug/l	95
94) Hexachlorobutadiene	13.719	225	821	0.789	ug/l	94
95) Naphthalene	13.780	128	2050	0.335	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	819	0.385	ug/l	94

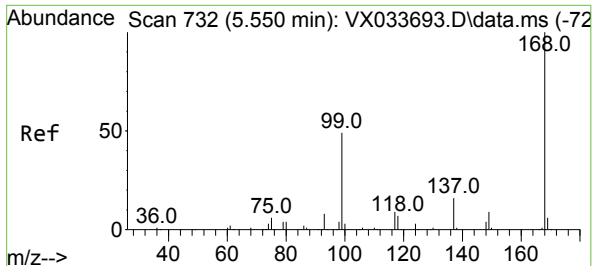
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

Quant Time: Jan 25 03:14:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

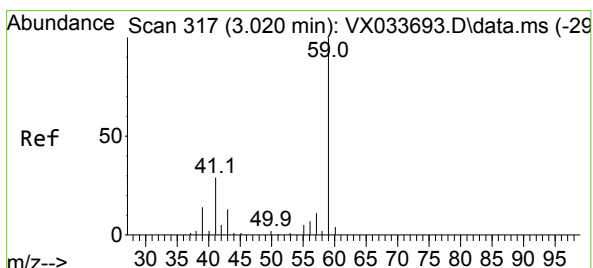
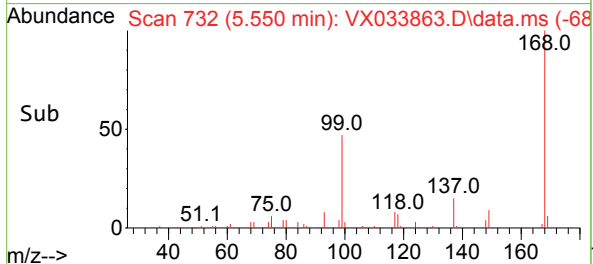
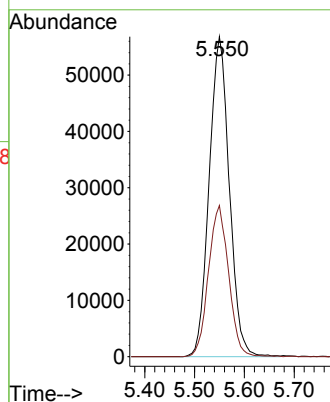
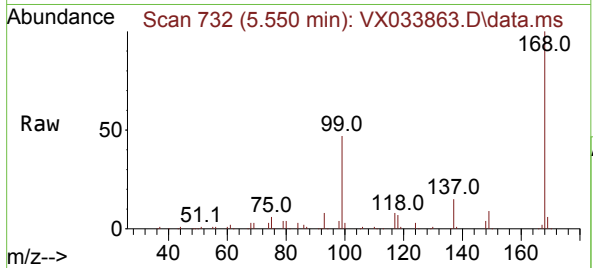




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

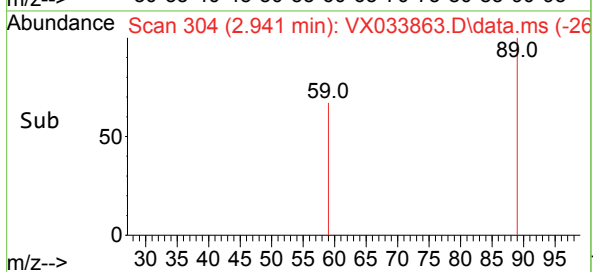
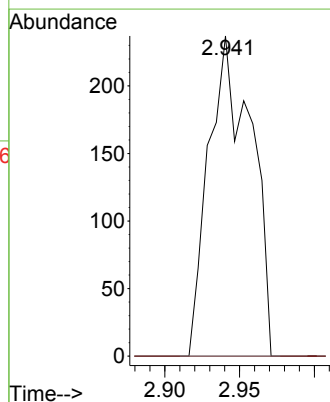
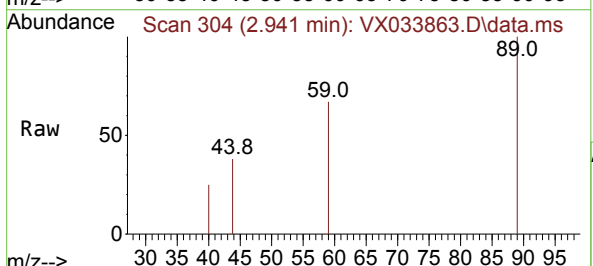
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

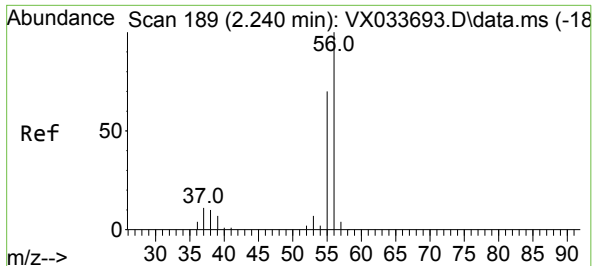
Tgt Ion:168 Resp: 159459
Ion Ratio Lower Upper
168 100
99 47.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.605 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

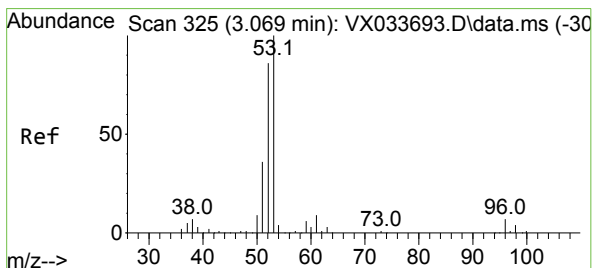
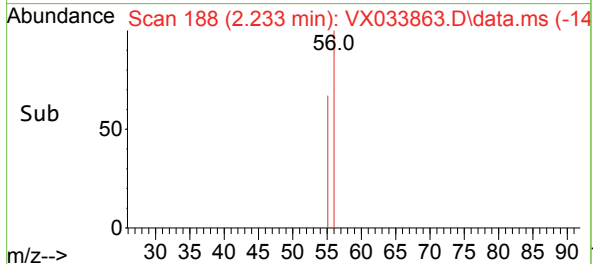
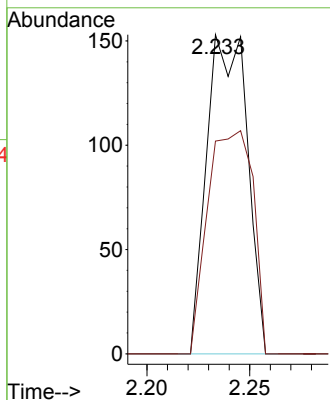
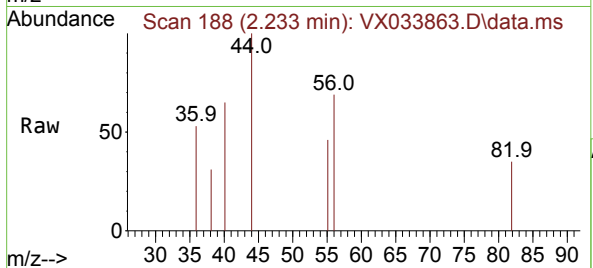




#13
Acrolein
Concen: 0.777 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

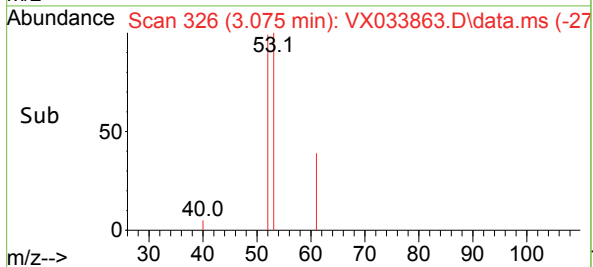
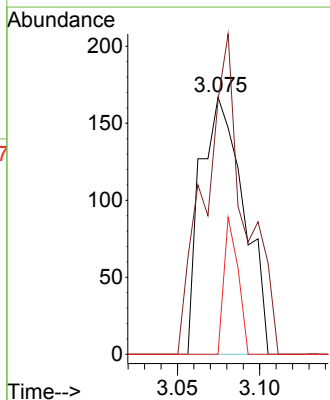
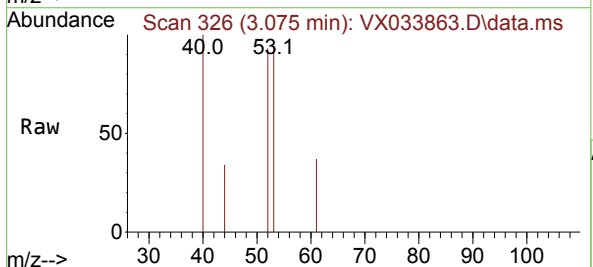
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

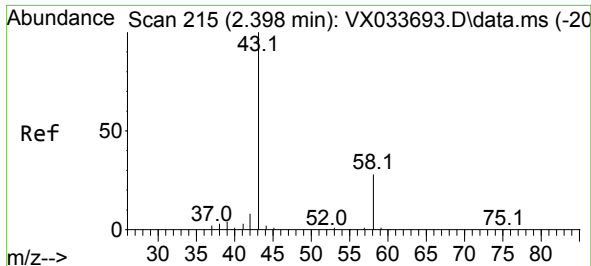
Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 78.5 56.3 84.5



#15
Acrylonitrile
Concen: 0.397 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion: 53 Resp: 305
Ion Ratio Lower Upper
53 100
52 113.8 65.7 98.5#
51 17.4 29.0 43.4#





#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

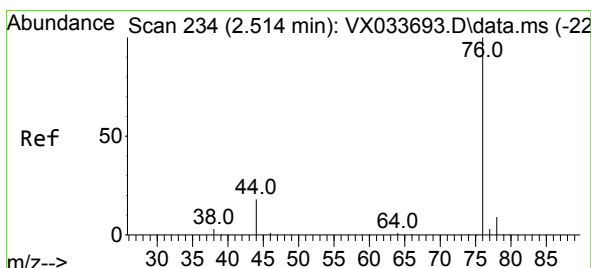
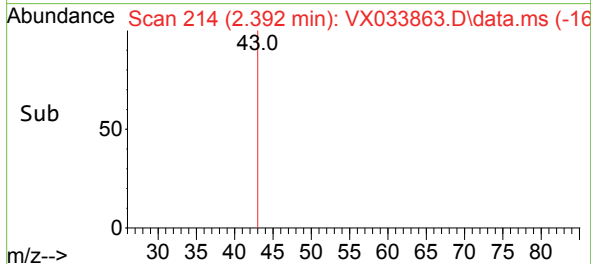
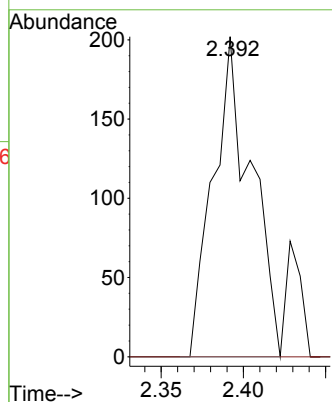
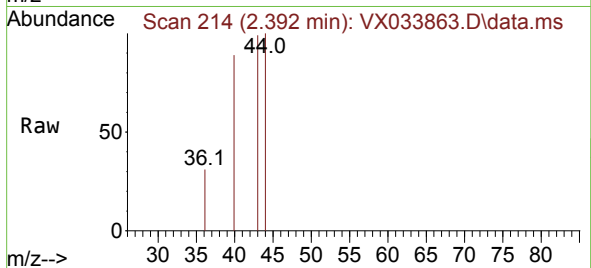
VX0124MBL01

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



#17

Carbon Disulfide

Concen: 2.304 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033863.D

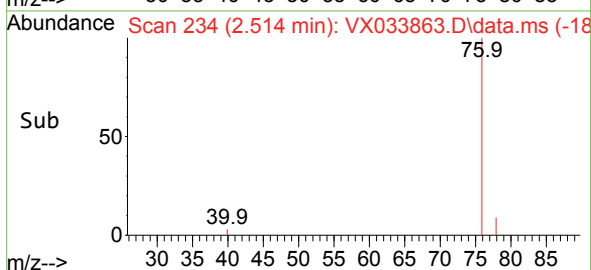
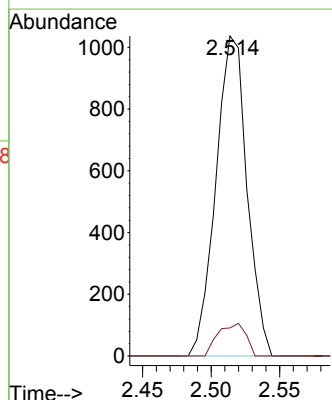
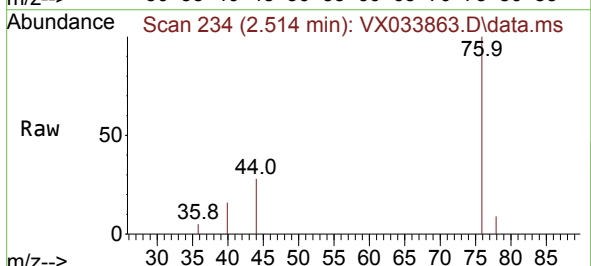
Acq: 24 Jan 2023 11:39

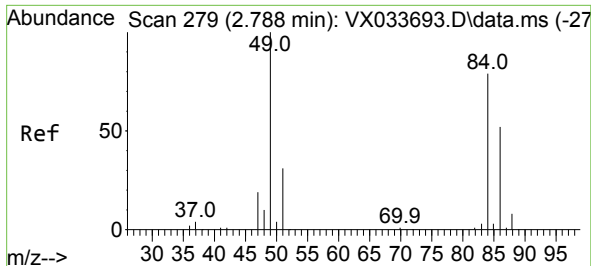
Tgt Ion: 76 Resp: 1640

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

Tgt Ion: 84 Resp: 614

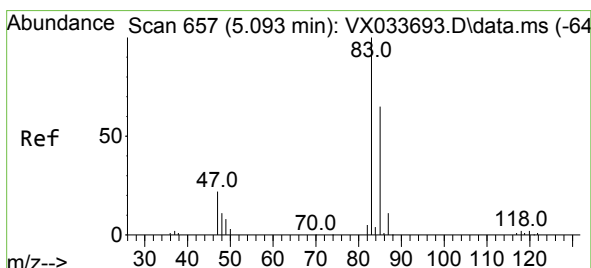
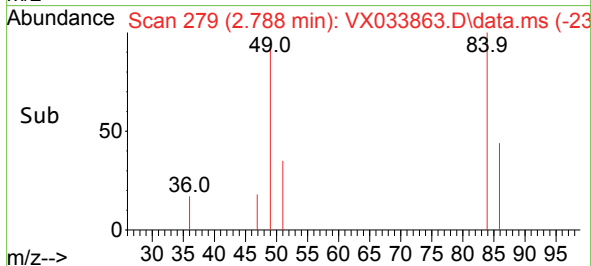
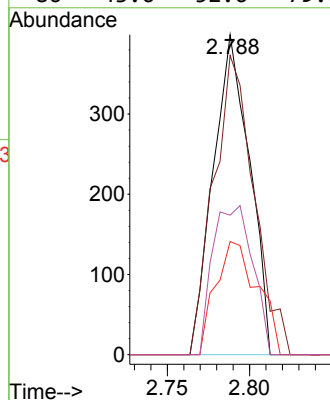
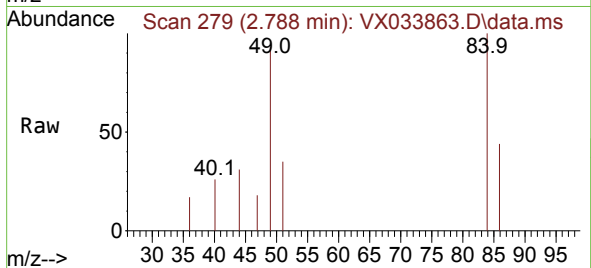
Ion Ratio Lower Upper

84 100

49 93.5 101.1 151.7#

51 35.3 31.0 46.6

86 43.6 52.6 79.0#



#30

Chloroform

Concen: 0.390 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX033863.D

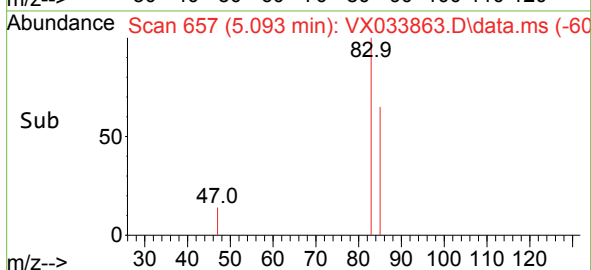
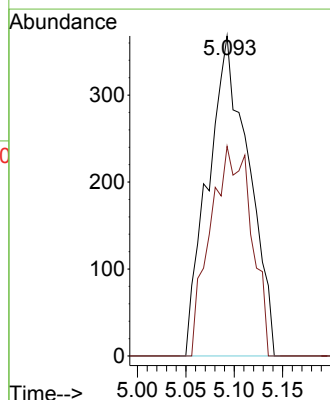
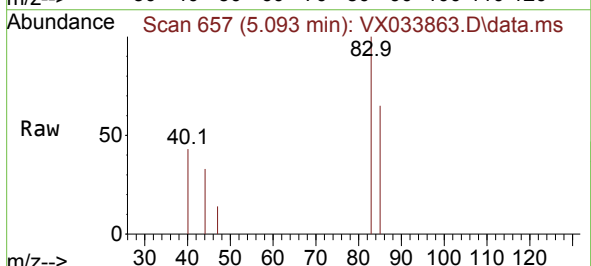
Acq: 24 Jan 2023 11:39

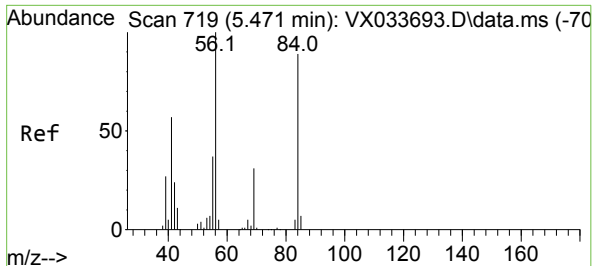
Tgt Ion: 83 Resp: 1075

Ion Ratio Lower Upper

83 100

85 65.5 52.1 78.1

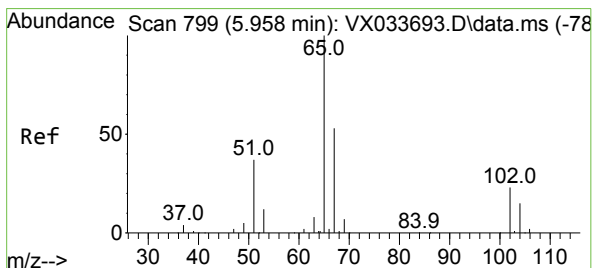
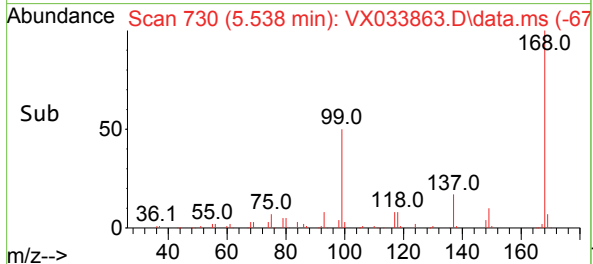
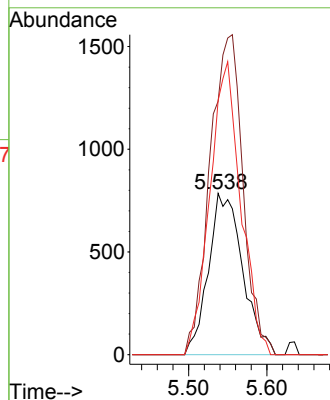
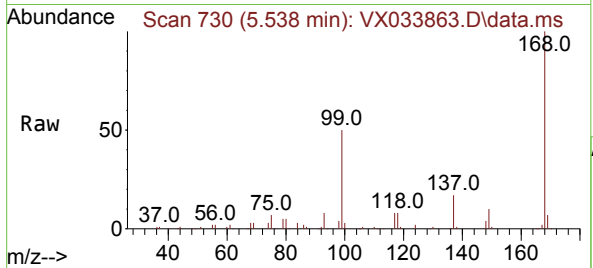




#31
Cyclohexane
Concen: 0.964 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

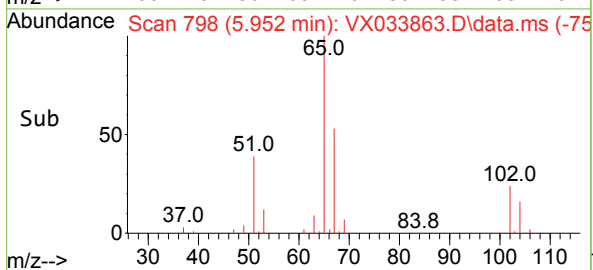
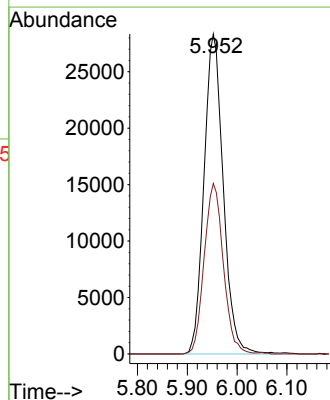
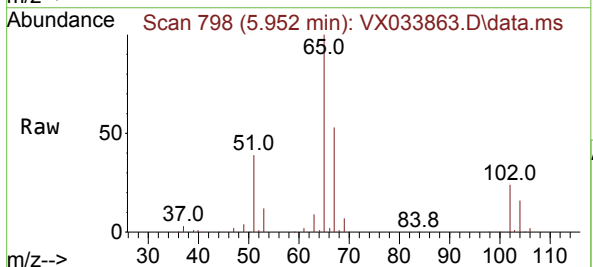
Instrument :
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ClientSampleId :
VX0124MBL01

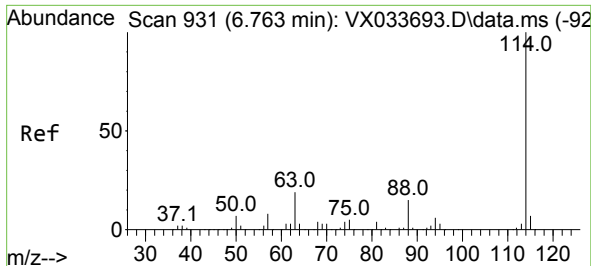
Tgt Ion: 56 Resp: 2381
Ion Ratio Lower Upper
56 100
69 157.2 24.6 37.0#
84 157.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.230 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion: 65 Resp: 75940
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

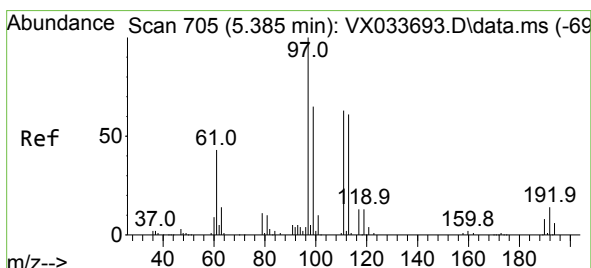
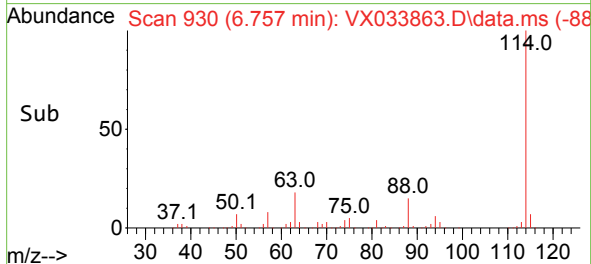
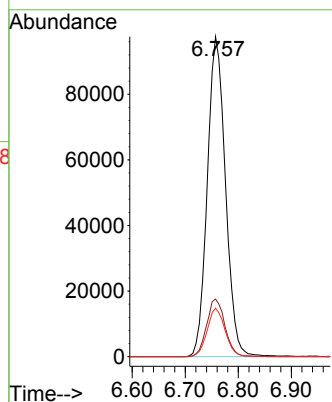
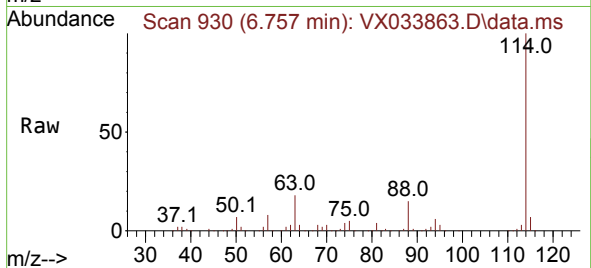




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

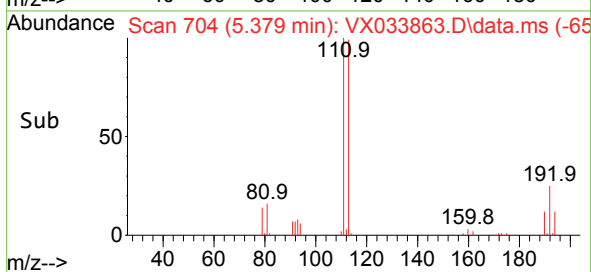
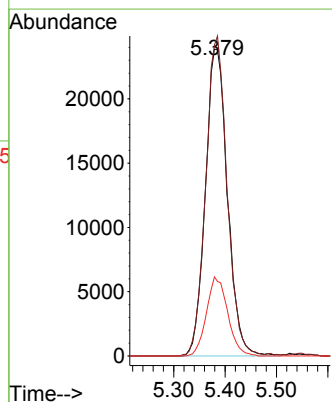
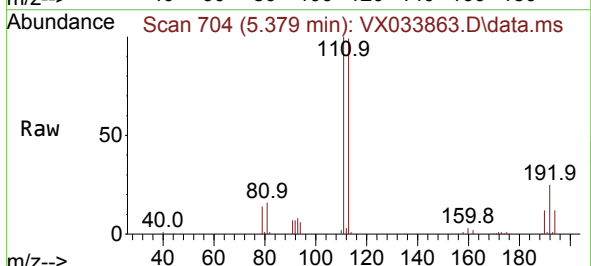
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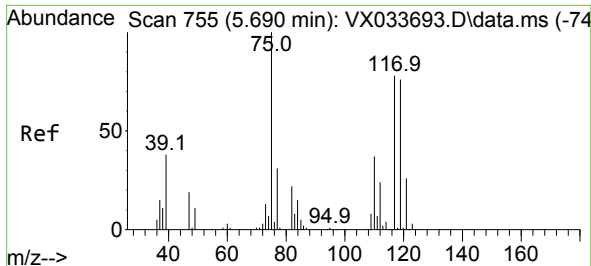
Tgt Ion:114 Resp: 232134
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.468 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion:113 Resp: 71305
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.6
192 24.8 19.0 28.4

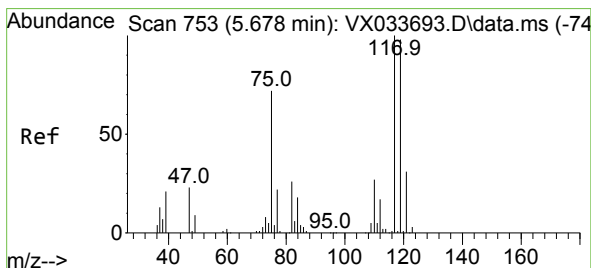
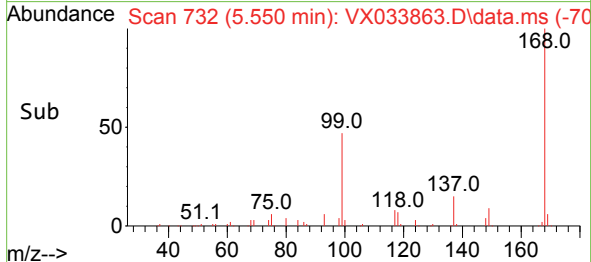
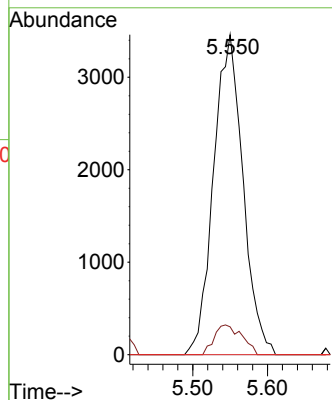
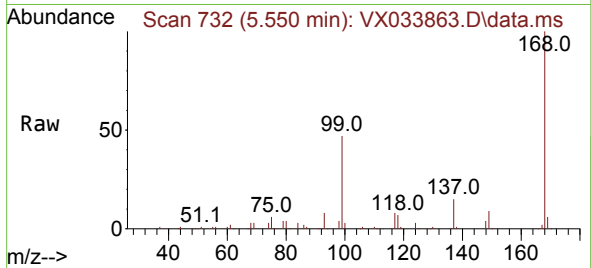




#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

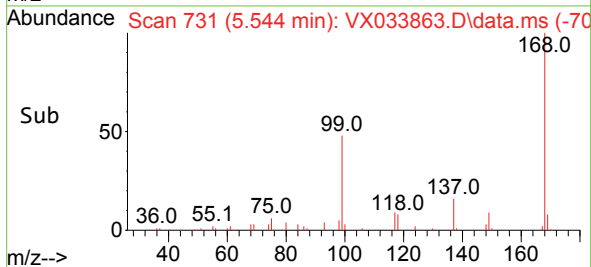
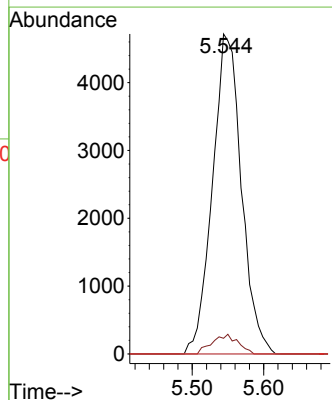
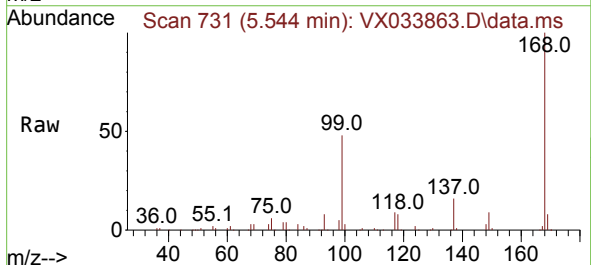
Instrument :
MSVOA_X
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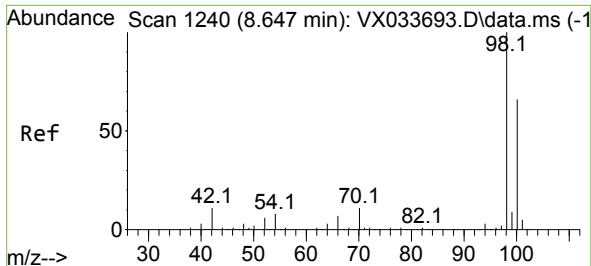
Tgt Ion: 75 Resp: 9462
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion: 117 Resp: 13243
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.4 36.6#

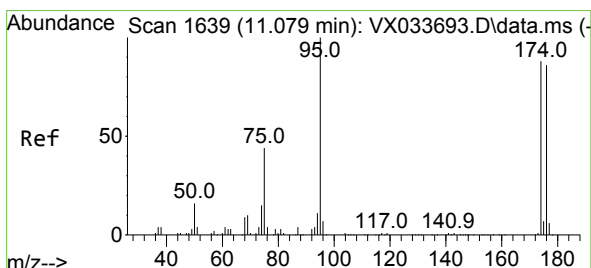
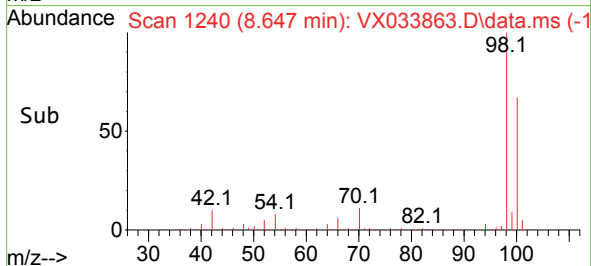
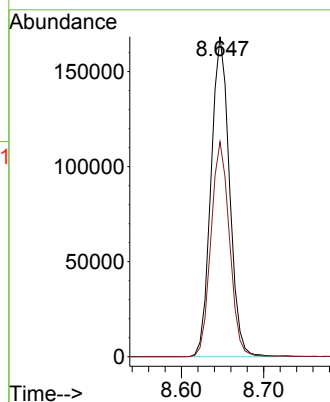
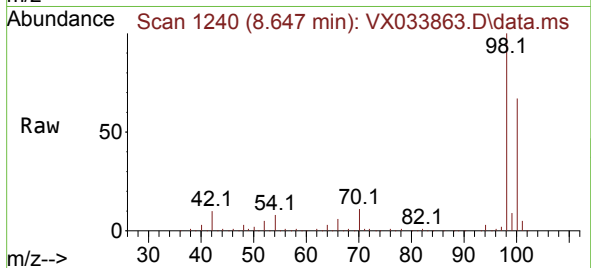




#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

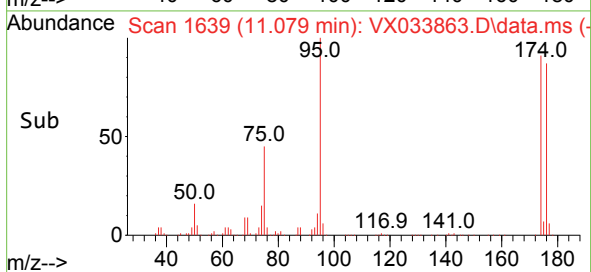
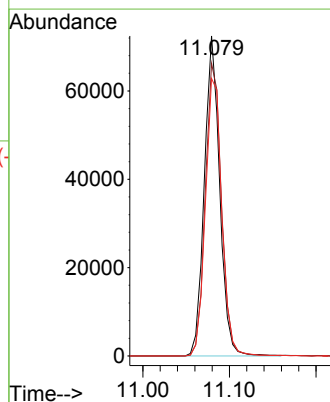
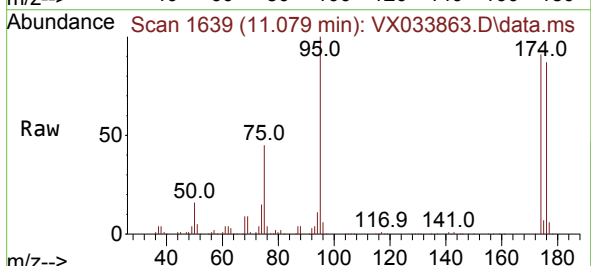
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

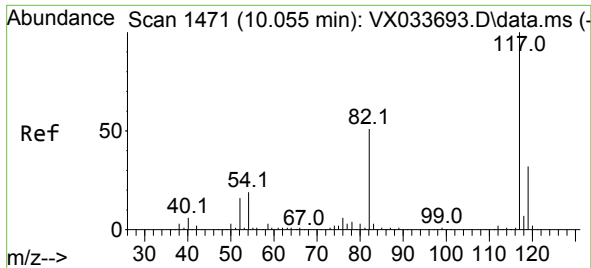
Tgt Ion: 98 Resp: 262438
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion: 95 Resp: 89290
Ion Ratio Lower Upper
95 100
174 96.6 0.0 184.4
176 92.7 0.0 178.8

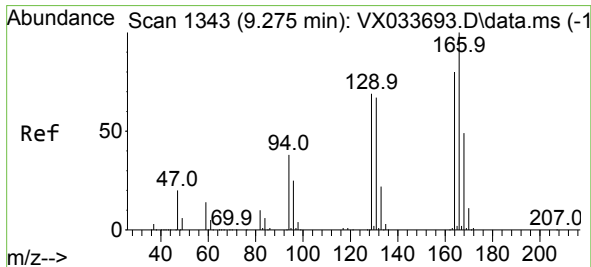
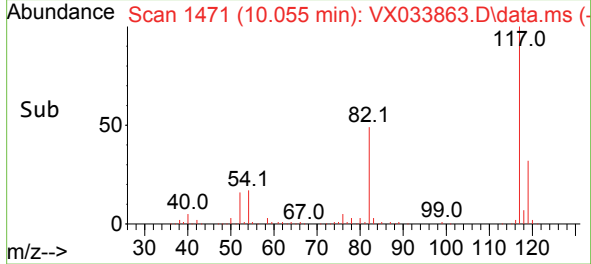
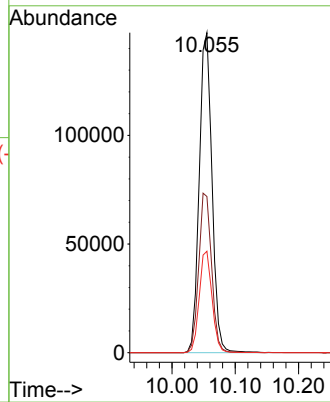
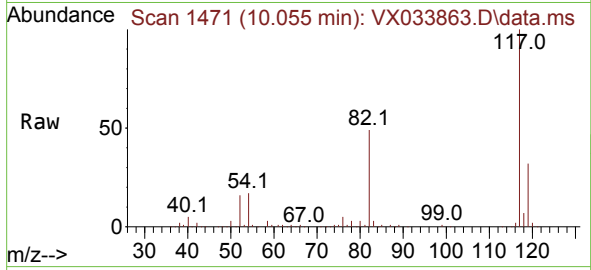




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

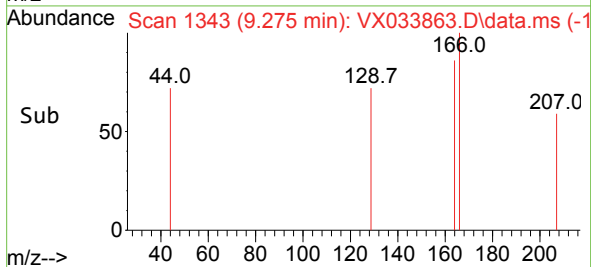
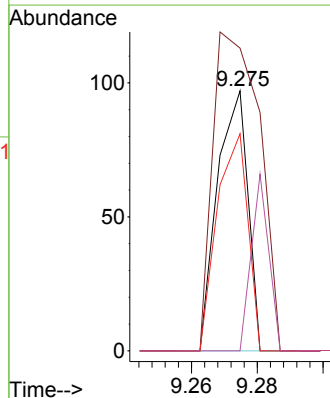
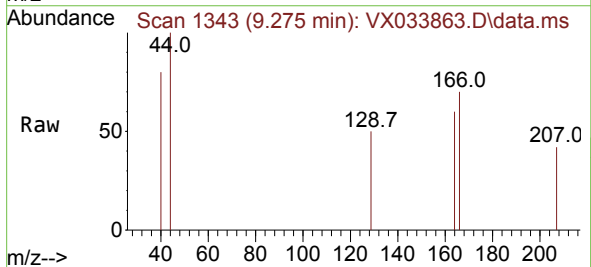
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

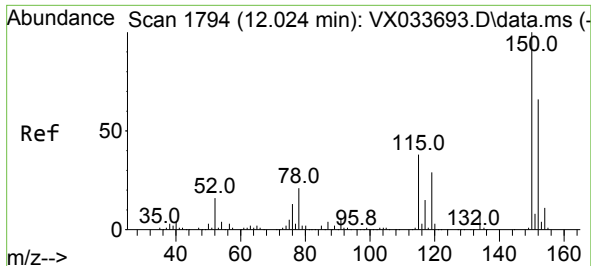
Tgt Ion:117 Resp: 206763
Ion Ratio Lower Upper
117 100
82 48.8 40.6 60.8
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion:164 Resp: 62
Ion Ratio Lower Upper
164 100
166 116.5 100.2 150.2
129 83.5 69.2 103.8
131 0.0 67.2 100.8#

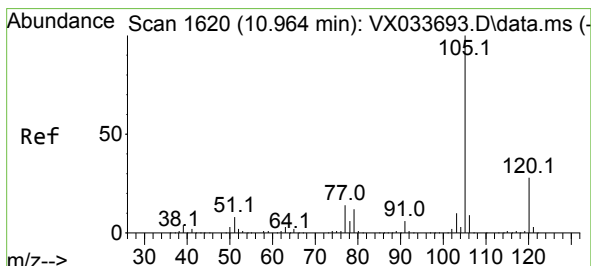
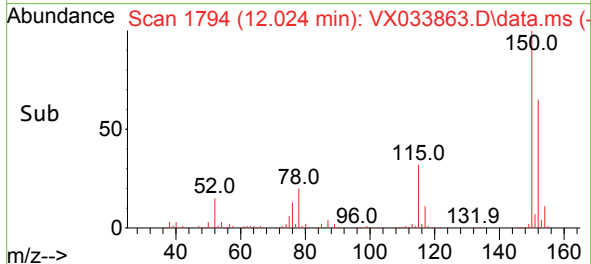
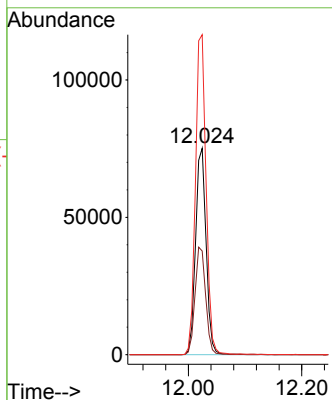
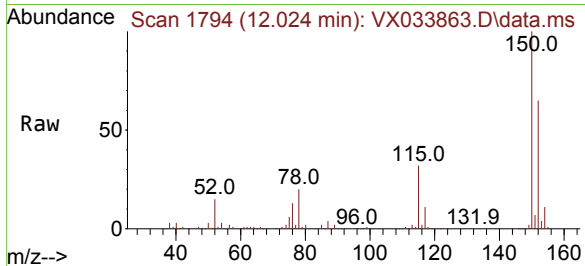




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

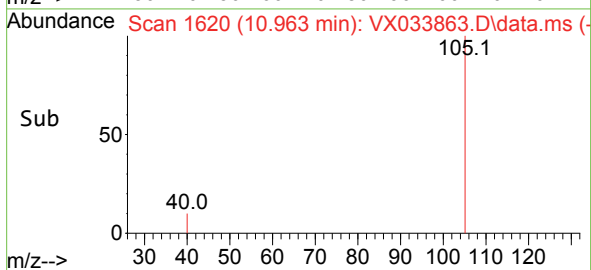
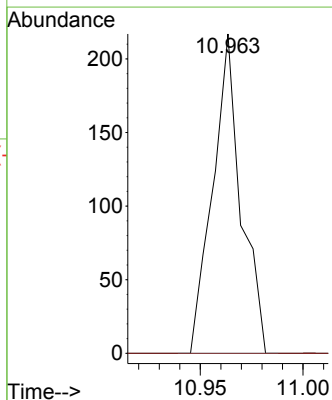
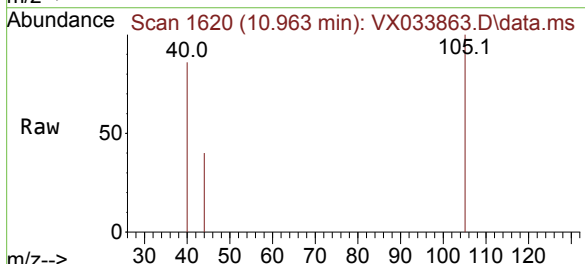
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

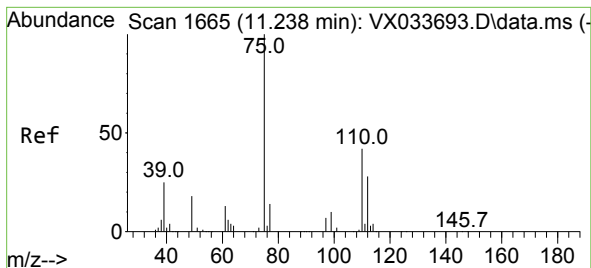
Tgt Ion:152 Resp: 96706
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 156.3 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion:105 Resp: 207
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 23.217 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

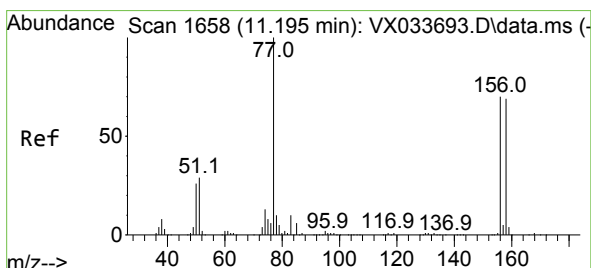
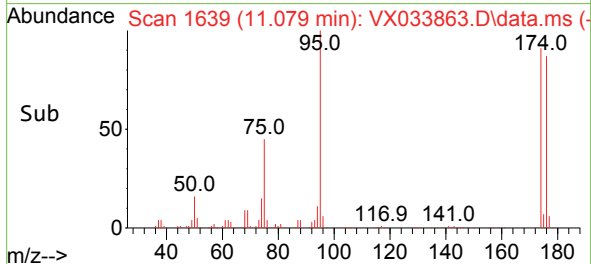
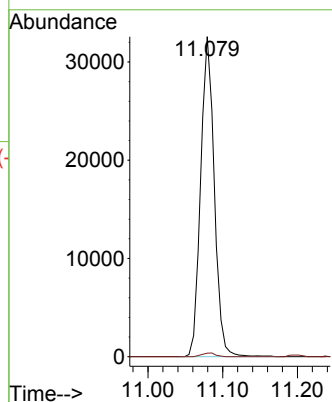
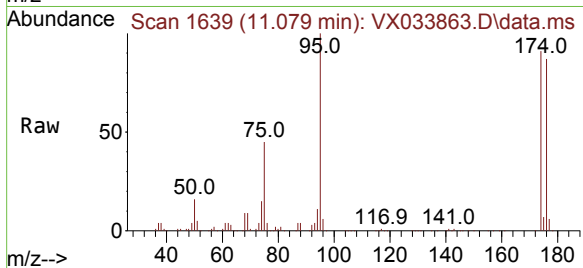
VX0124MBL01

Tgt Ion: 75 Resp: 41253

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#77

Bromobenzene

Concen: Below Cal

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

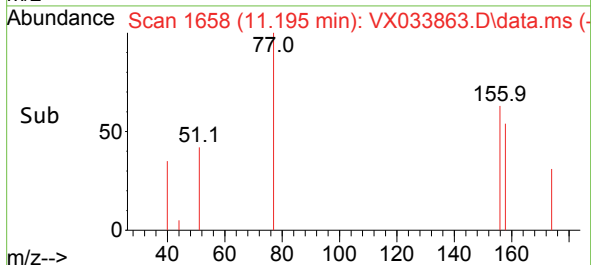
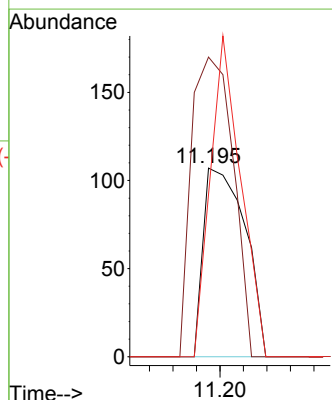
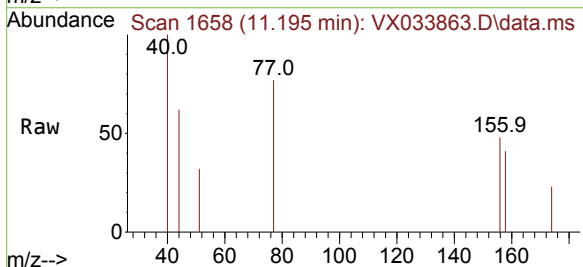
Tgt Ion:156 Resp: 132

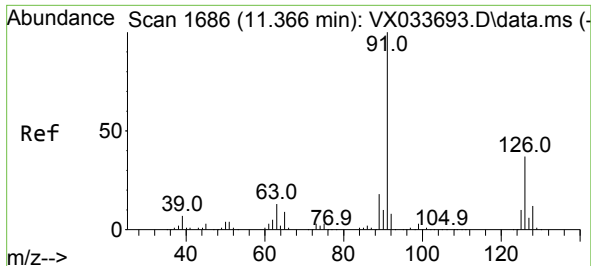
Ion Ratio Lower Upper

156 100

77 159.1 68.1 204.3

158 124.2 48.0 144.2

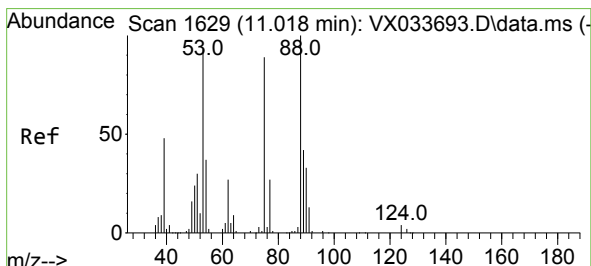
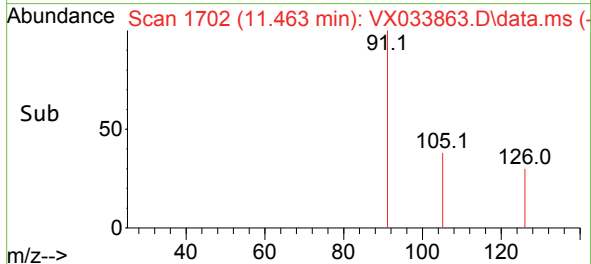
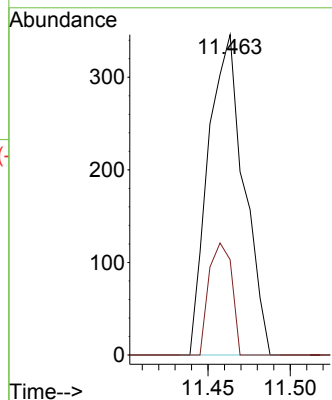
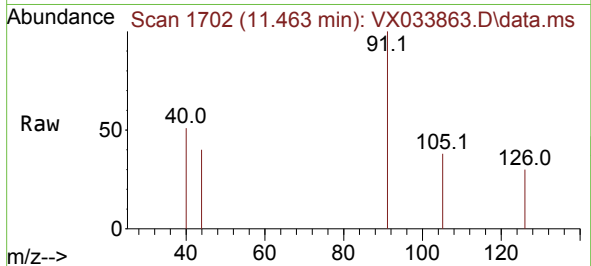




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 11
Delta R.T. 0.097 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

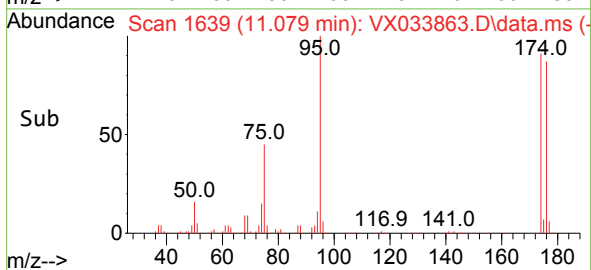
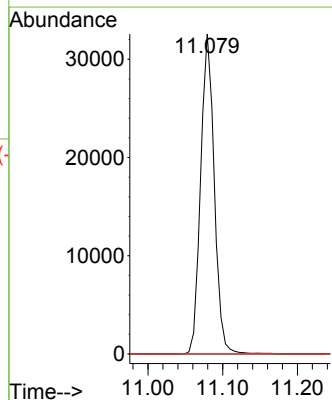
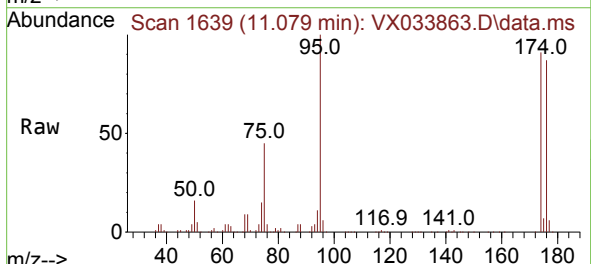
Instrument :
MSVOA_X
ClientSampleId :
VX0124MBL01

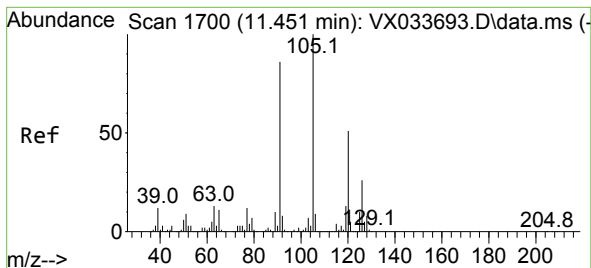
Tgt Ion: 91 Resp: 522
Ion Ratio Lower Upper
91 100
126 22.4 18.1 54.1



#81
trans-1,4-Dichloro-2-butene
Concen: 72.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033863.D
Acq: 24 Jan 2023 11:39

Tgt Ion: 75 Resp: 41253
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.463 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

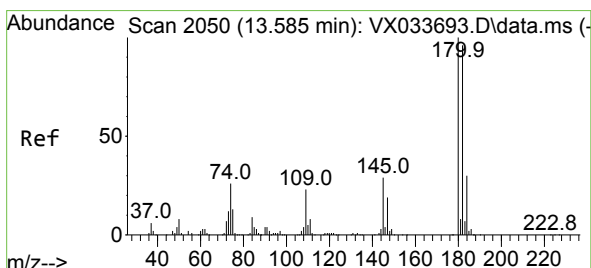
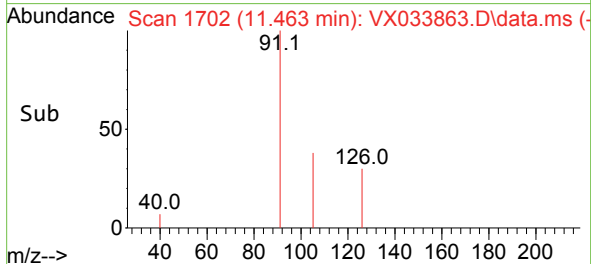
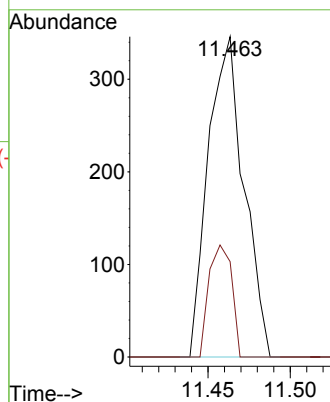
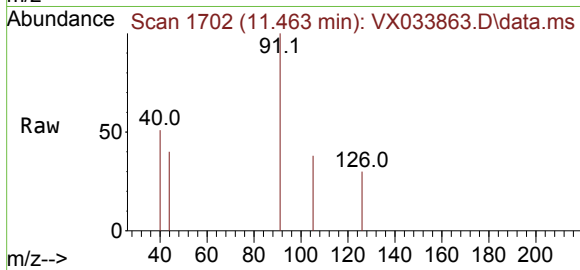
VX0124MBL01

Tgt Ion: 91 Resp: 522

Ion Ratio Lower Upper

91 100

126 22.4 15.8 47.4



#93

1,2,4-Trichlorobenzene

Concen: 0.355 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

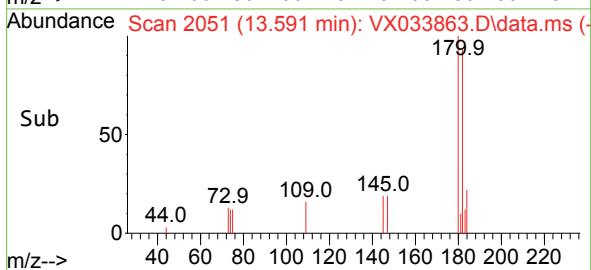
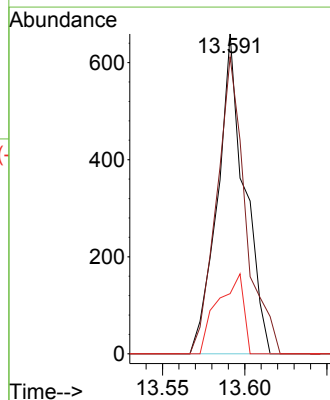
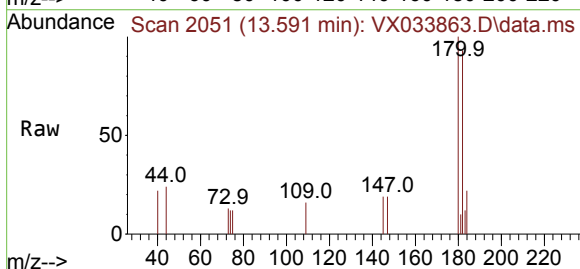
Tgt Ion: 180 Resp: 754

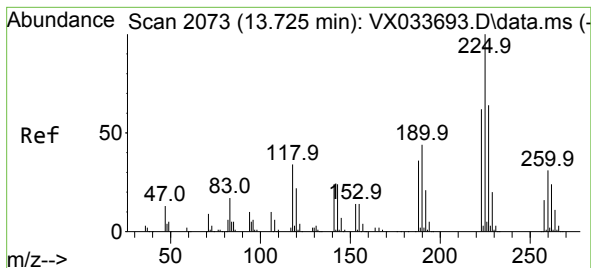
Ion Ratio Lower Upper

180 100

182 99.2 47.9 143.6

145 23.9 14.1 42.2





#94

Hexachlorobutadiene

Concen: 0.789 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01

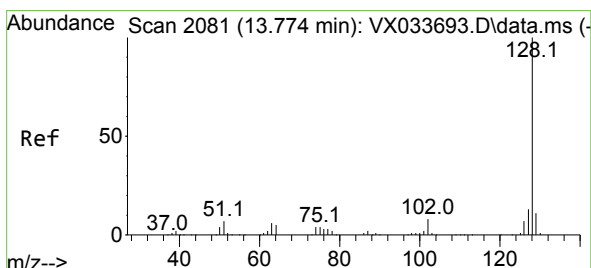
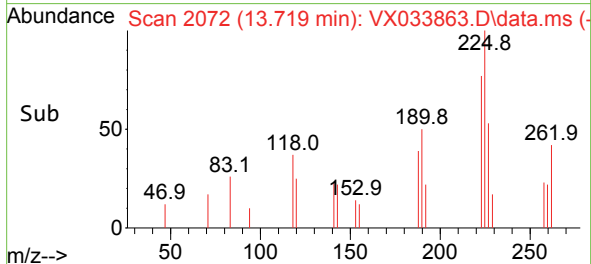
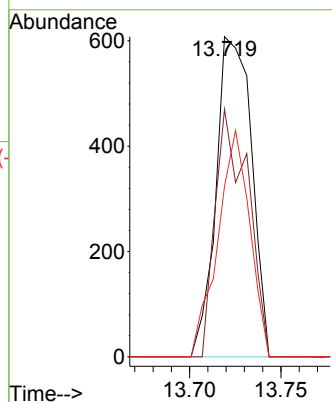
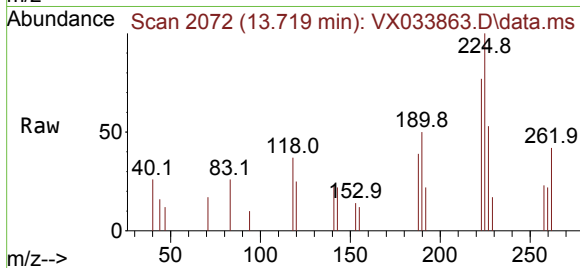
Tgt Ion:225 Resp: 821

Ion Ratio Lower Upper

225 100

223 71.0 31.3 93.9

227 63.6 32.3 96.9



#95

Naphthalene

Concen: 0.335 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX033863.D

Acq: 24 Jan 2023 11:39

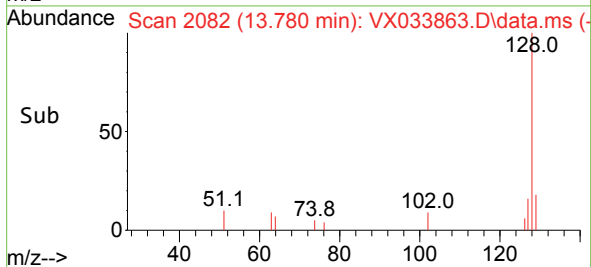
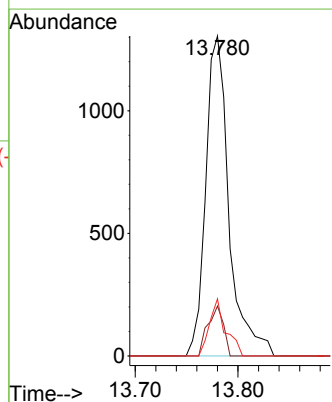
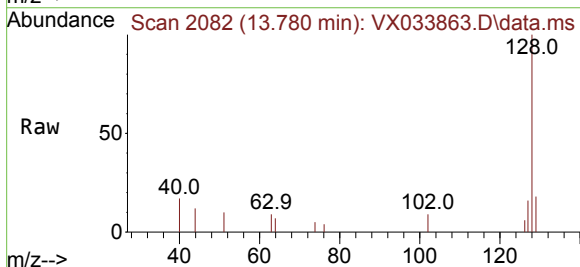
Tgt Ion:128 Resp: 2050

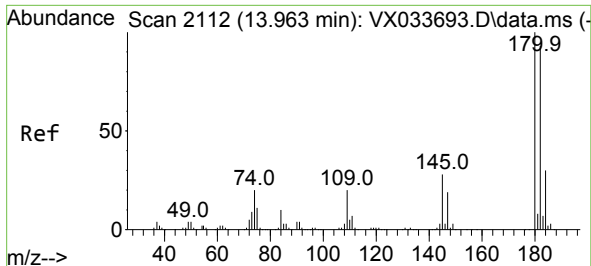
Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

129 12.5 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.385 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033863.D

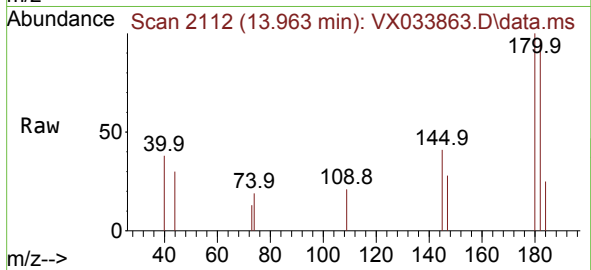
Acq: 24 Jan 2023 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0124MBL01



Tgt Ion:180 Resp: 819

Ion Ratio Lower Upper

180 100

182 87.9 47.6 142.9

145 31.1 15.1 45.3

