

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033938.D
 Acq On : 30 Jan 2023 11:57
 Operator : JC/MD
 Sample : VX0130MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:42:04 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)

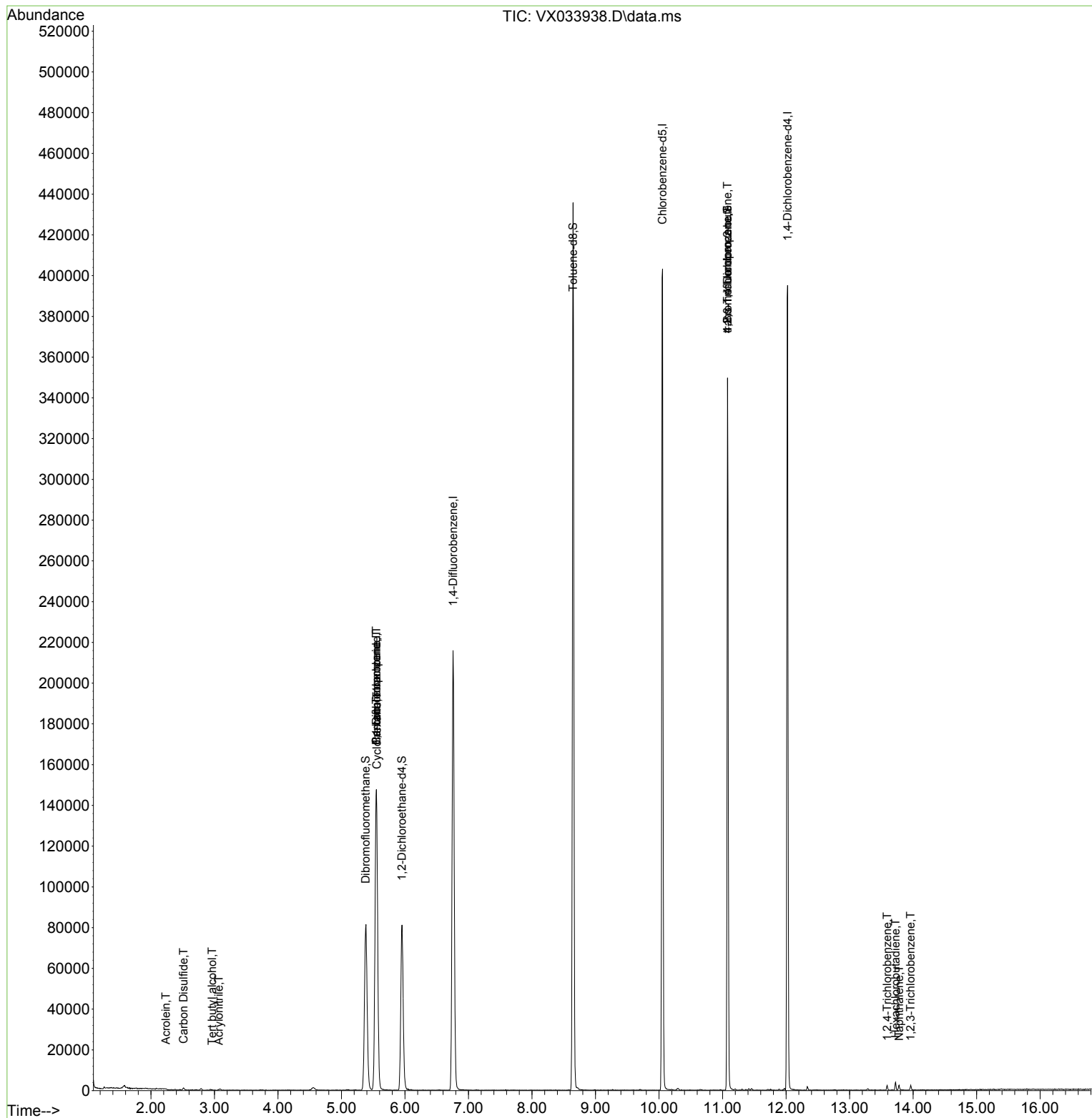
Internal Standards						
1) Pentafluorobenzene	5.550	168	163427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76026	44.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.360%
35) Dibromofluoromethane	5.379	113	71386	48.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.900%
50) Toluene-d8	8.647	98	264605	49.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	89487	45.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	254	0.850	ug/l #	86
13) Acrolein	2.233	56	176	0.638	ug/l #	49
15) Acrylonitrile	3.069	53	304	0.386	ug/l #	75
16) Acetone	2.380	43	334	Below Cal	#	78
17) Carbon Disulfide	2.514	76	1425	2.230	ug/l	99
20) Methylene Chloride	2.788	84	414	Below Cal	#	81
31) Cyclohexane	5.556	56	2548	1.006	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	9702	4.558	ug/l #	48
37) Ethyl Acetate	4.580	43	40	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	13853	6.284	ug/l #	14
64) Tetrachloroethene	9.269	164	71	Below Cal	#	40
73) Isopropylbenzene	10.963	105	262	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.207	83	19	Below Cal	#	26
76) 1,2,3-Trichloropropane	11.079	75	41618	23.772	ug/l #	34
77) Bromobenzene	11.201	156	169	Below Cal		95
79) 2-Chlorotoluene	11.366	91	275	Below Cal		86
81) trans-1,4-Dichloro-2-b...	11.079	75	41618	73.882	ug/l #	8
82) 4-Chlorotoluene	11.457	91	498	Below Cal		98
93) 1,2,4-Trichlorobenzene	13.591	180	828	0.396	ug/l	97
94) Hexachlorobutadiene	13.725	225	754	0.736	ug/l	93
95) Naphthalene	13.780	128	2231	0.371	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	875	0.418	ug/l	90

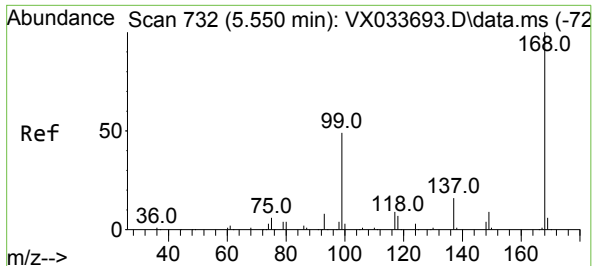
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
Data File : VX033938.D
Acq On : 30 Jan 2023 11:57
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Sample : VX0130MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

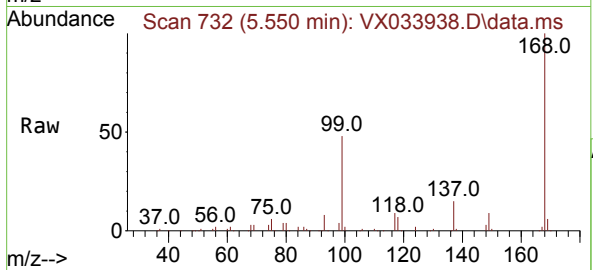
Quant Time: Jan 31 04:42:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



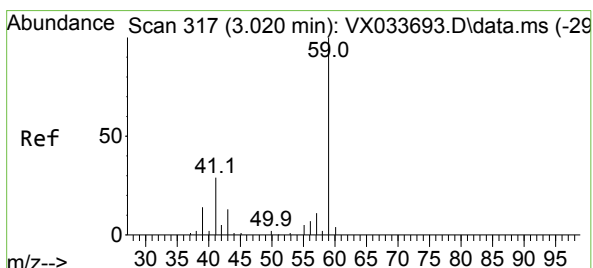
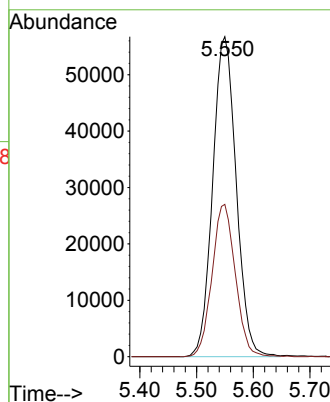
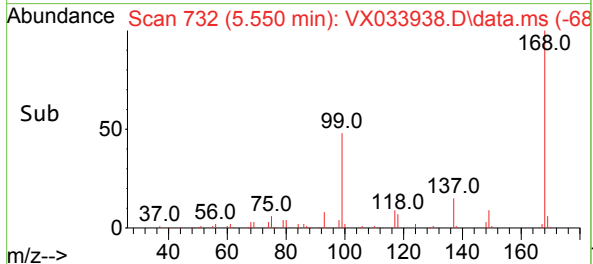


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :

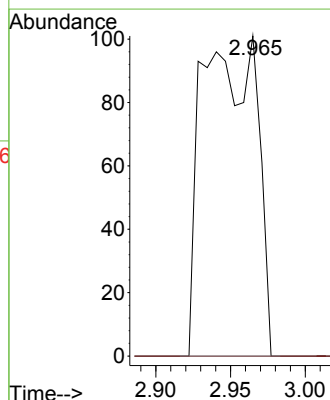
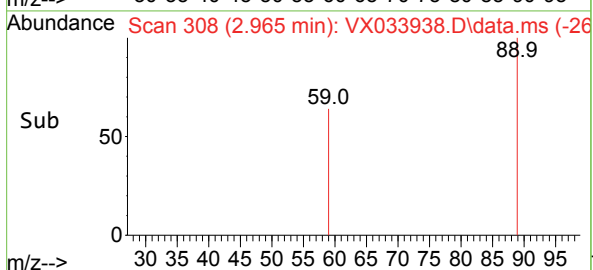
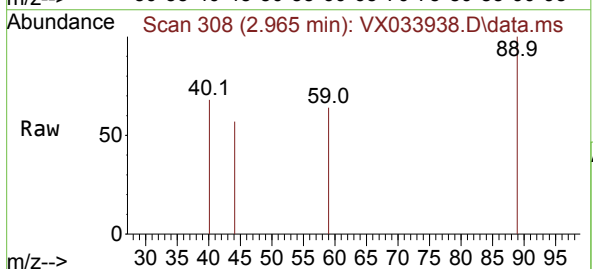


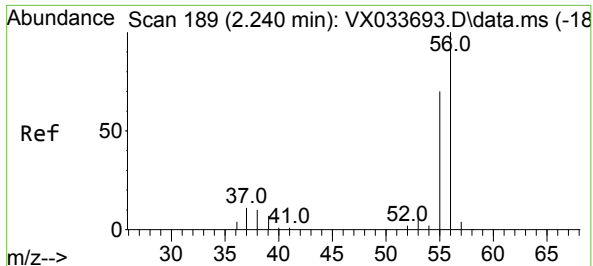
Tgt Ion:168 Resp: 163427
Ion Ratio Lower Upper
168 100
99 47.6 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.850 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.055 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

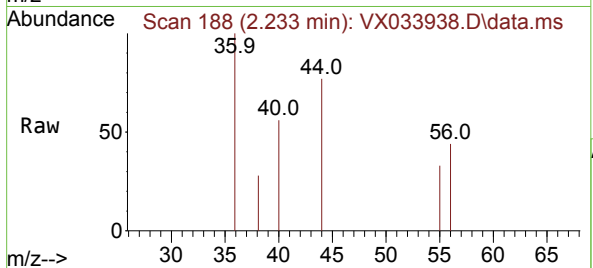
Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



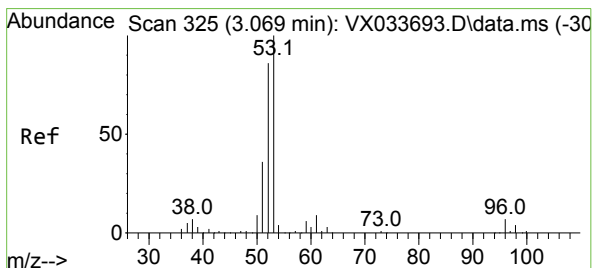
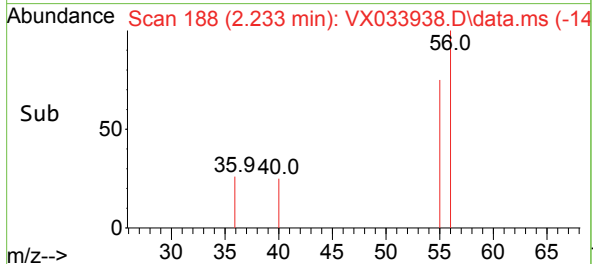
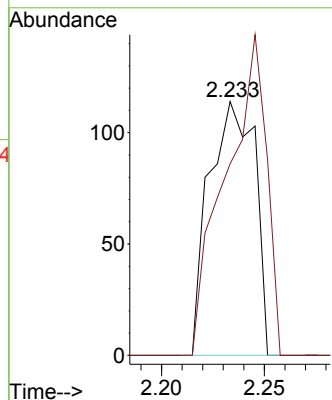


#13
Acrolein
Concen: 0.638 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :

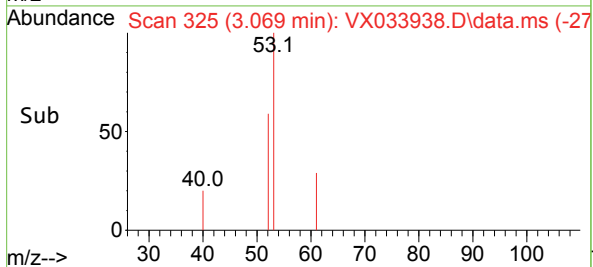
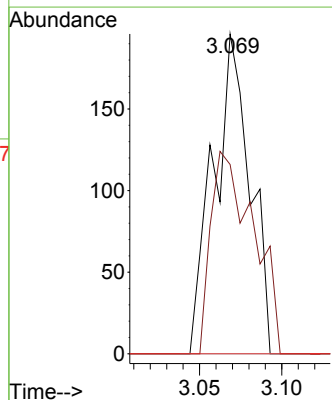
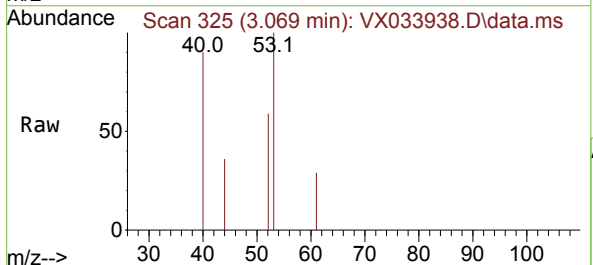


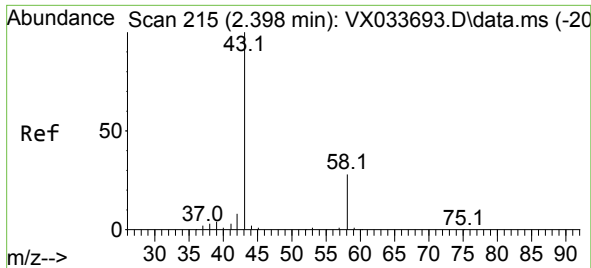
Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 112.5 56.3 84.5#



#15
Acrylonitrile
Concen: 0.386 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Tgt Ion: 53 Resp: 304
Ion Ratio Lower Upper
53 100
52 73.7 65.7 98.5
51 0.0 29.0 43.4#

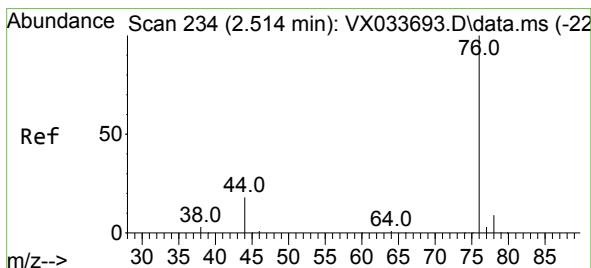
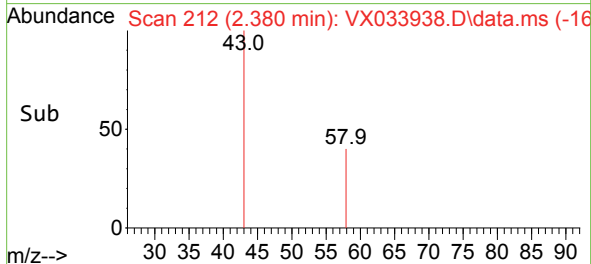
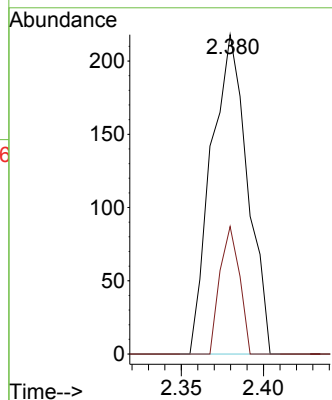
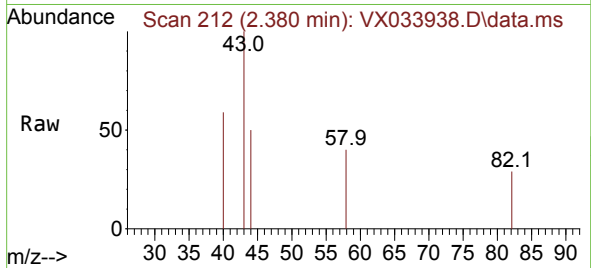




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

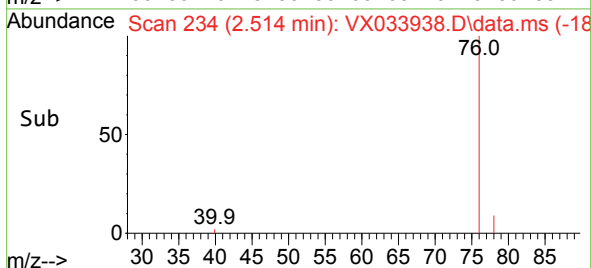
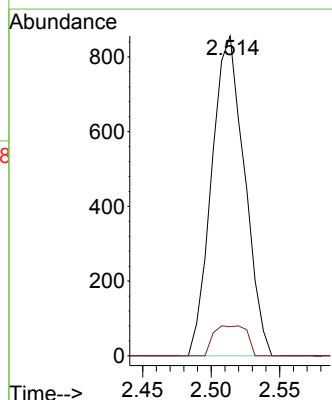
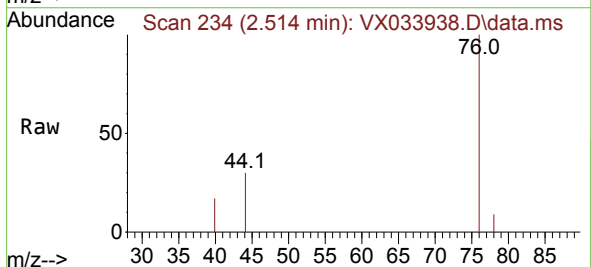
Instrument :
MSVOA_X
ClientSampleId :

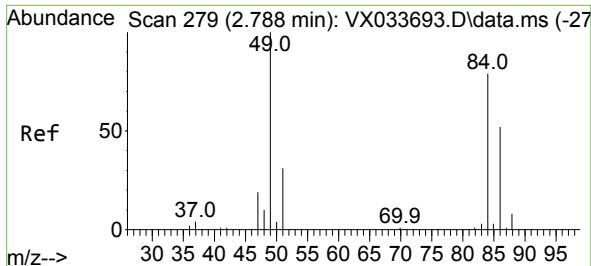
Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
58 39.9 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.230 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

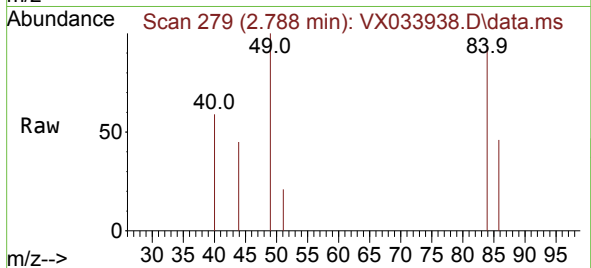
Tgt Ion: 76 Resp: 1425
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



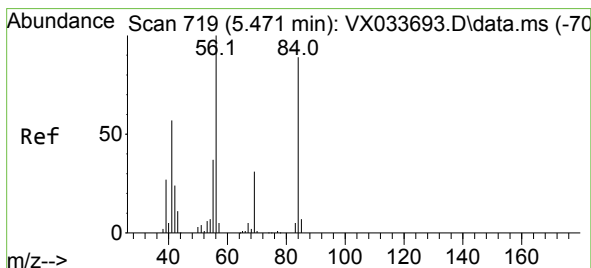
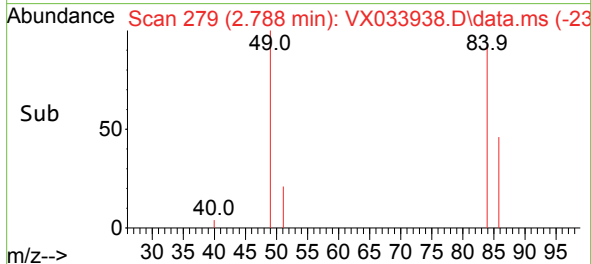
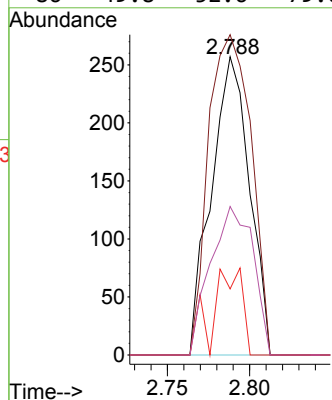


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :

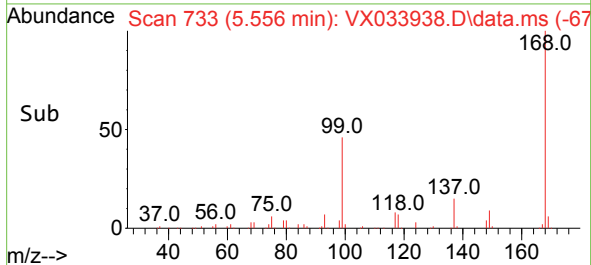
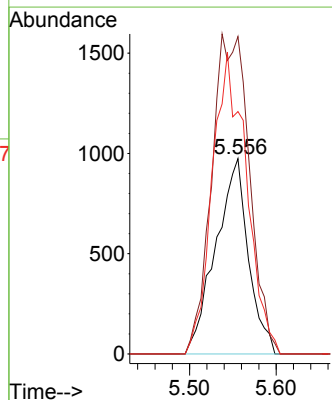
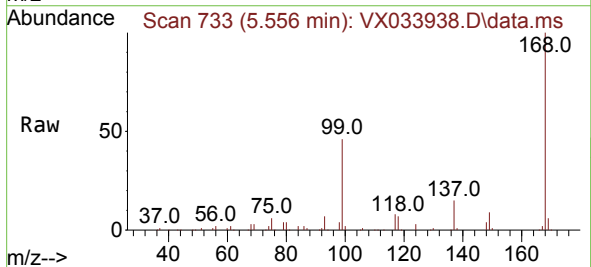


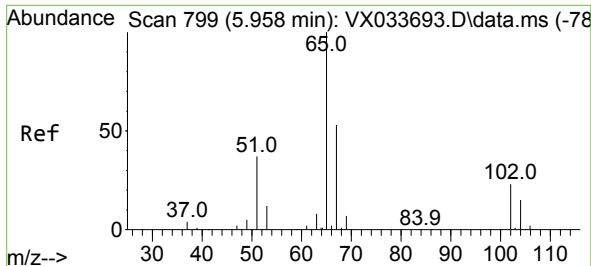
Tgt Ion:	84	Resp:	414
Ion	Ratio	Lower	Upper
84	100		
49	107.4	101.1	151.7
51	22.2	31.0	46.6#
86	49.8	52.6	79.0#



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Tgt Ion:	56	Resp:	2548
Ion	Ratio	Lower	Upper
56	100		
69	162.5	24.6	37.0#
84	124.1	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.182 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

Instrument :

MSVOA_X

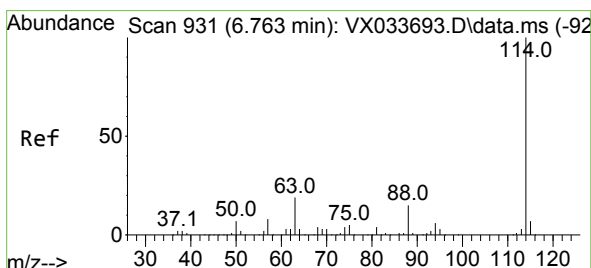
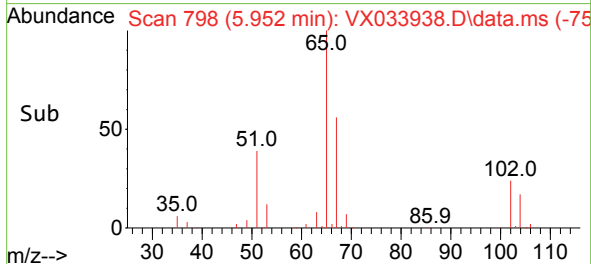
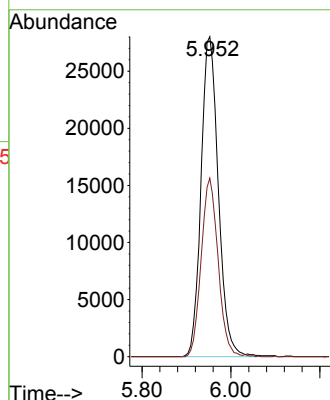
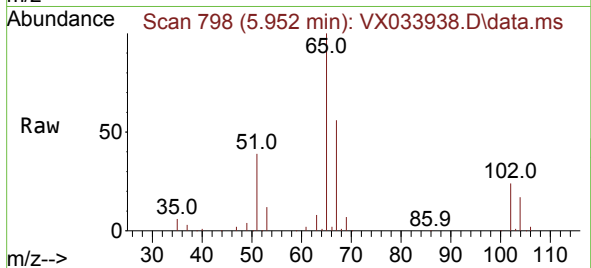
ClientSampleId :

Tgt Ion: 65 Resp: 76026

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

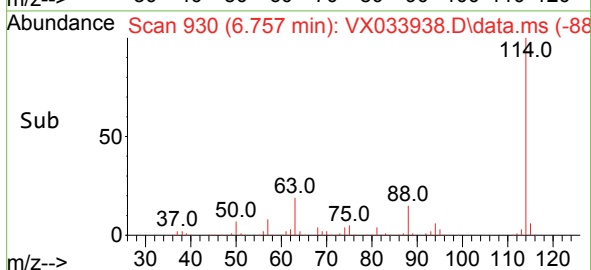
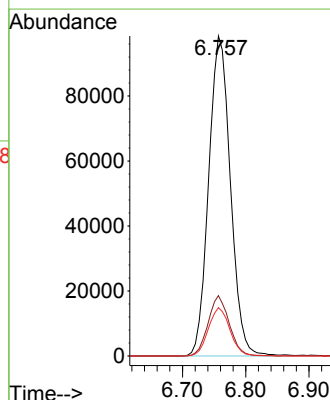
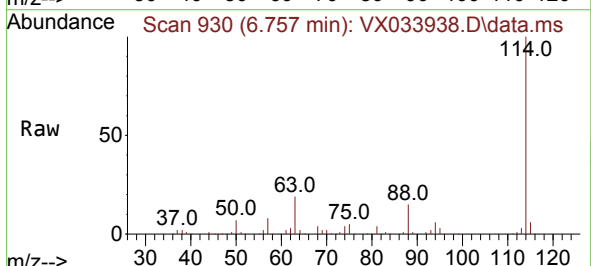
Tgt Ion: 114 Resp: 234882

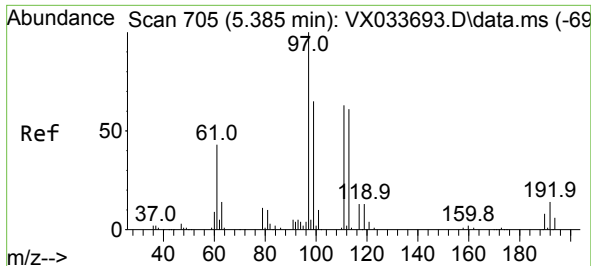
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

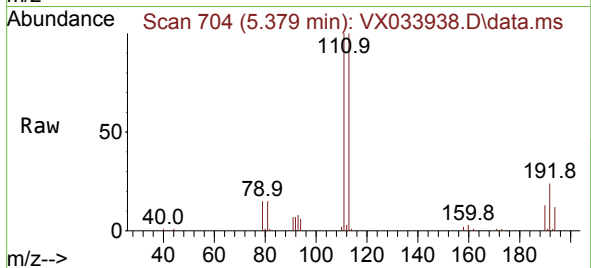
88 15.1 0.0 30.6



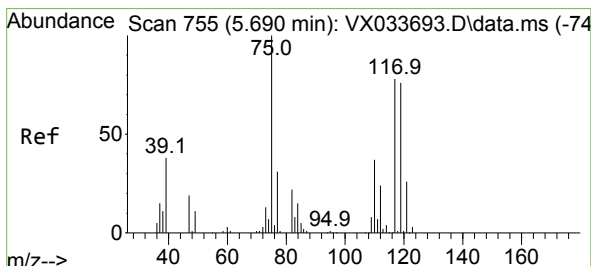
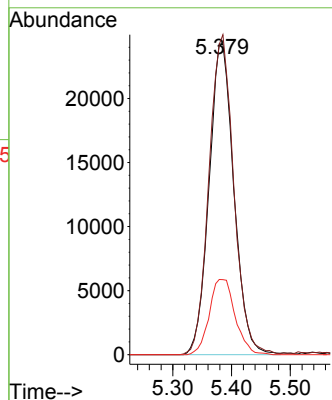
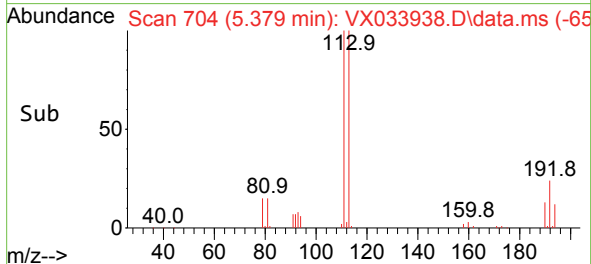


#35
Dibromofluoromethane
Concen: 48.945 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Instrument :
MSVOA_X
ClientSampleId :

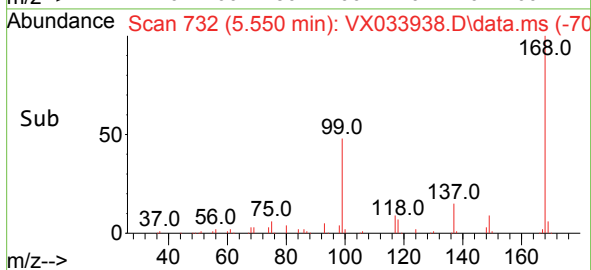
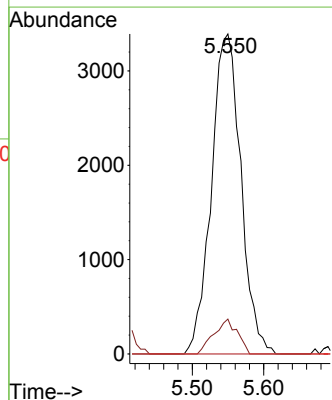
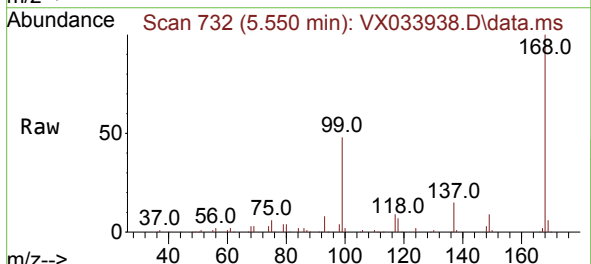


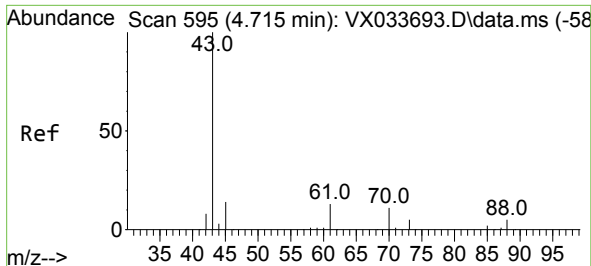
Tgt Ion:113 Resp: 71386
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 25.1 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Tgt Ion: 75 Resp: 9702
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.580 min Scan# 51

Delta R.T. -0.135 min

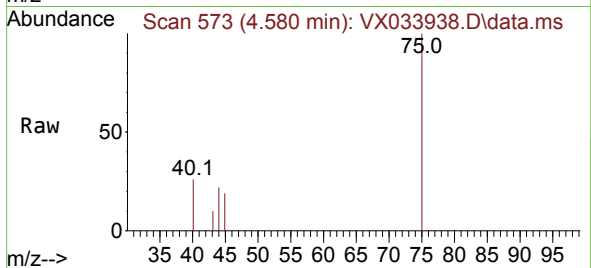
Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :



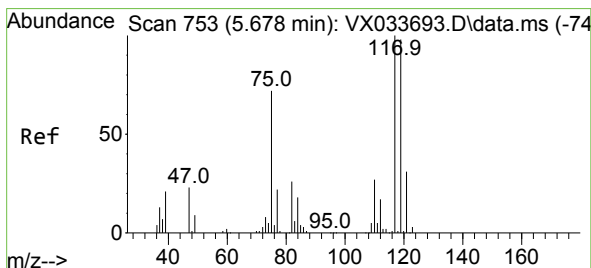
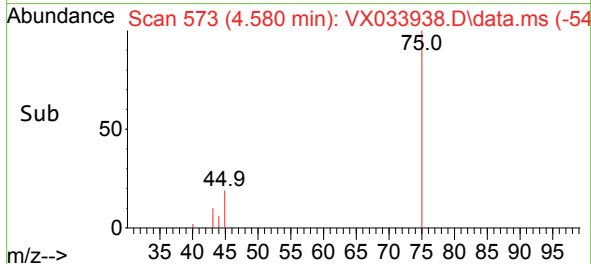
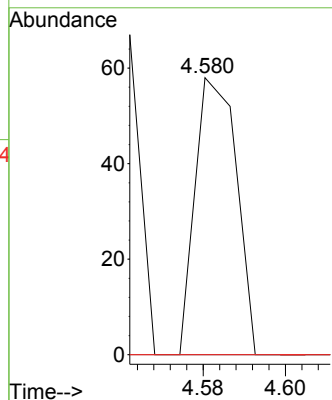
Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.284 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

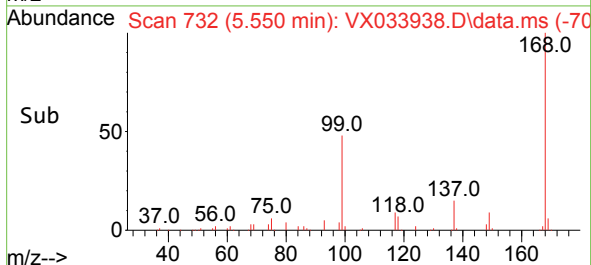
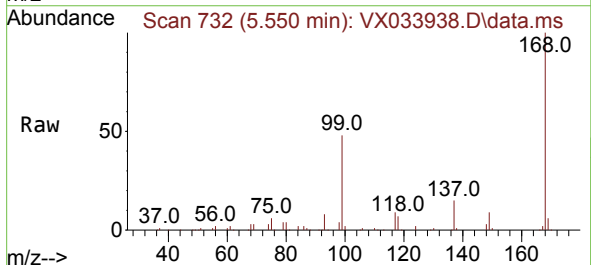
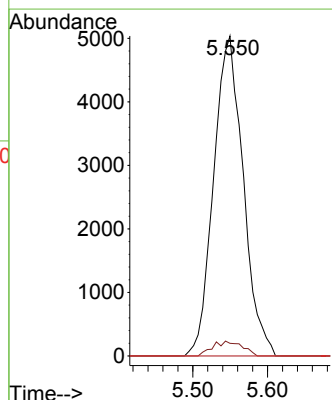
Tgt Ion: 117 Resp: 13853

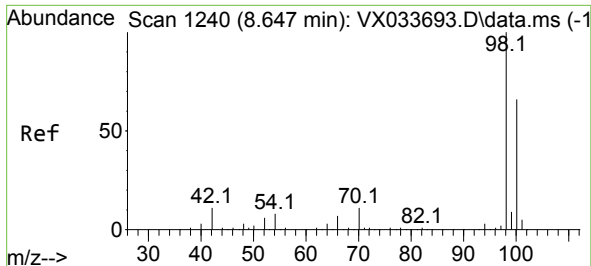
Ion Ratio Lower Upper

117 100

119 3.9 78.0 117.0#

121 0.0 24.4 36.6#

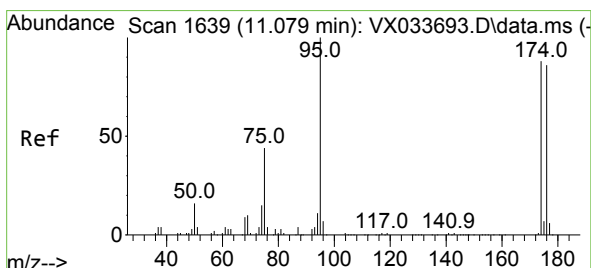
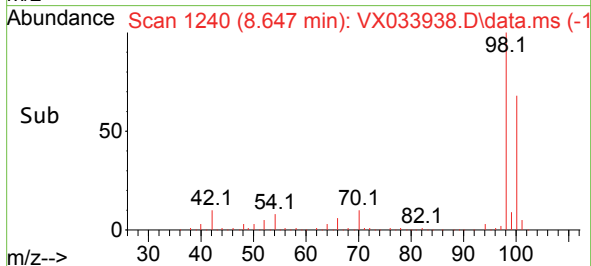
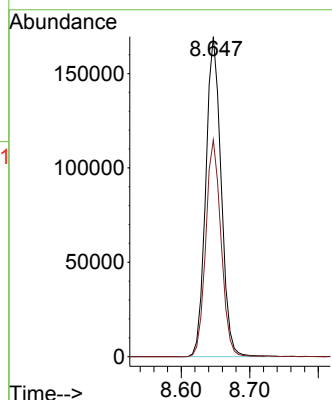
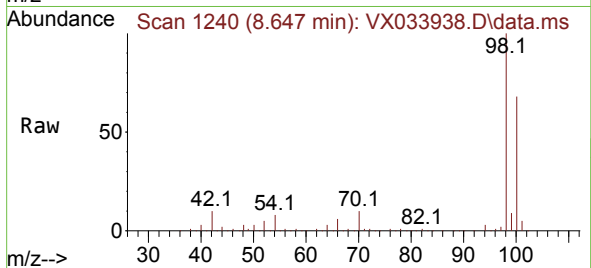




#50
Toluene-d8
Concen: 49.793 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

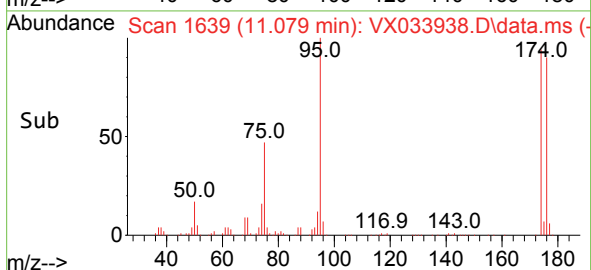
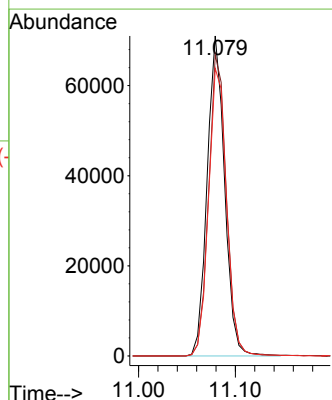
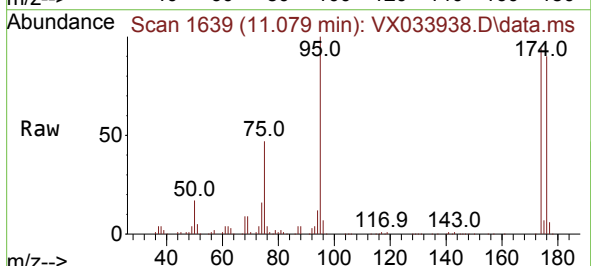
Instrument :
MSVOA_X
ClientSampleId :

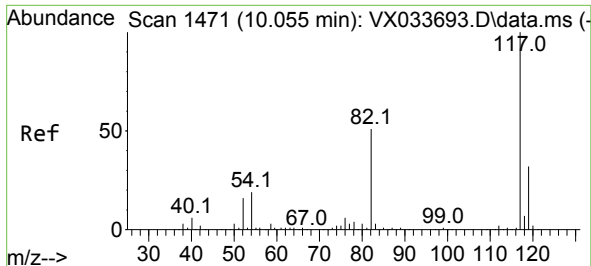
Tgt Ion: 98 Resp: 264605
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Tgt Ion: 95 Resp: 89487
Ion Ratio Lower Upper
95 100
174 95.9 0.0 184.4
176 92.8 0.0 178.8

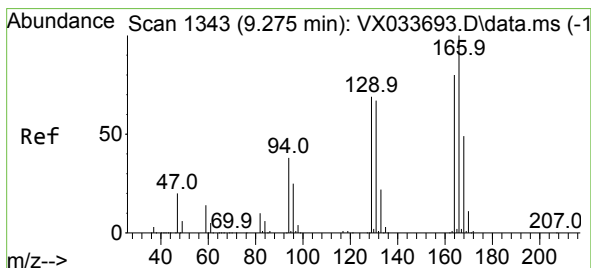
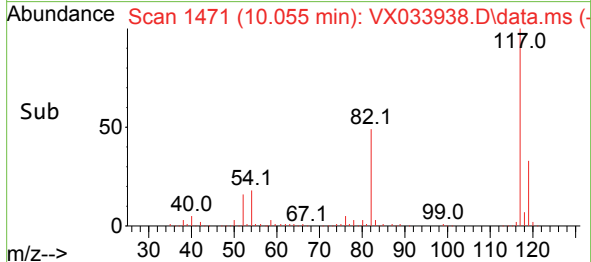
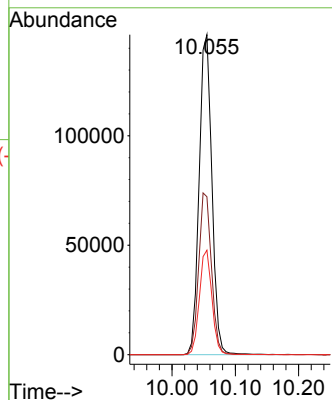
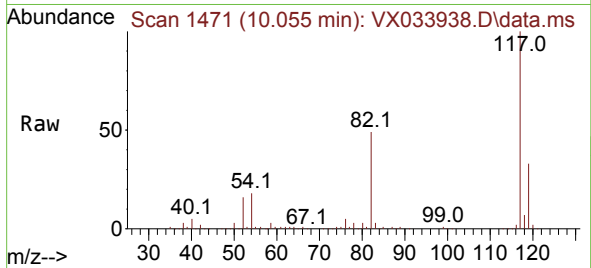




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

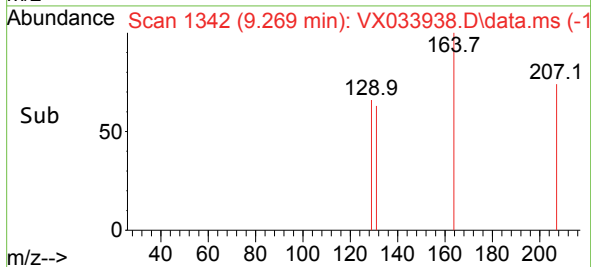
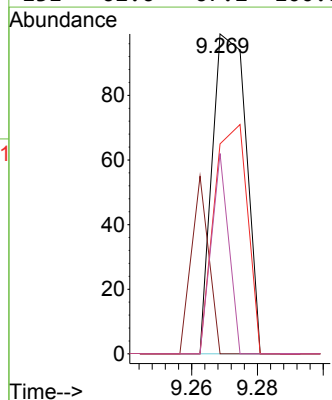
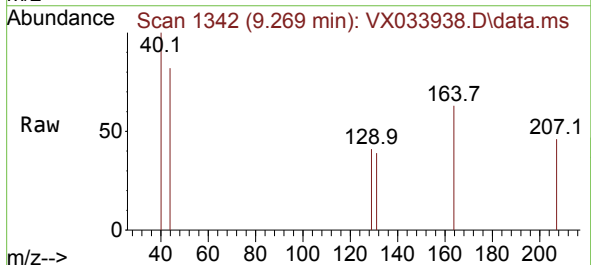
Instrument :
MSVOA_X
ClientSampleId :

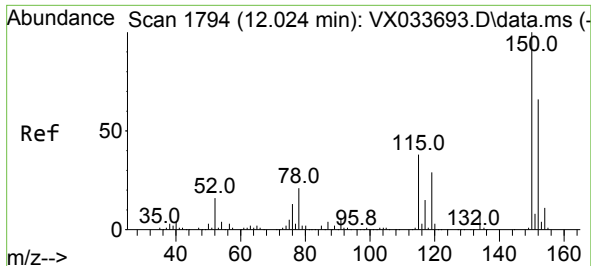
Tgt Ion:117 Resp: 204942
Ion Ratio Lower Upper
117 100
82 49.3 40.6 60.8
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

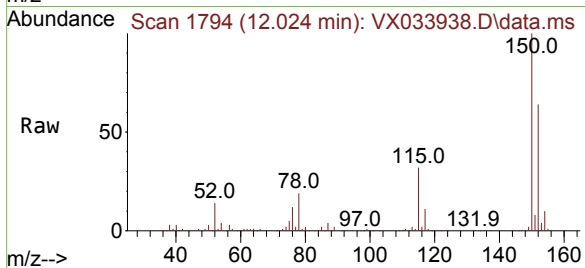
Tgt Ion:164 Resp: 71
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 65.7 69.2 103.8#
131 62.6 67.2 100.8#



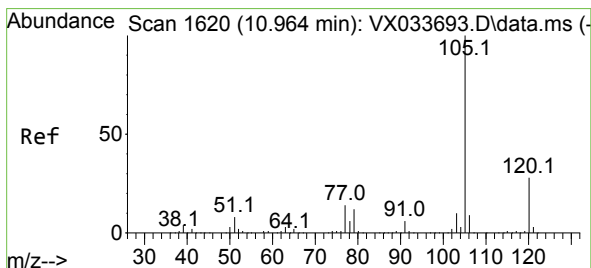
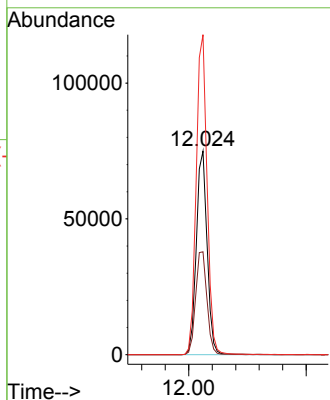
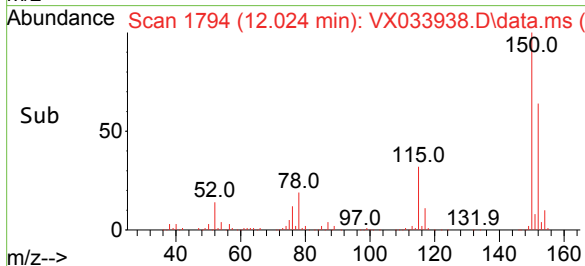


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

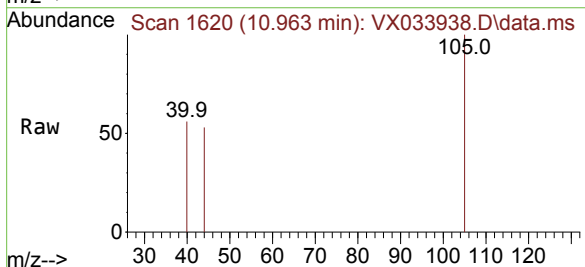
Instrument :
MSVOA_X
ClientSampleId :



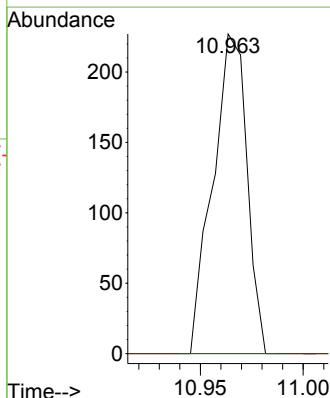
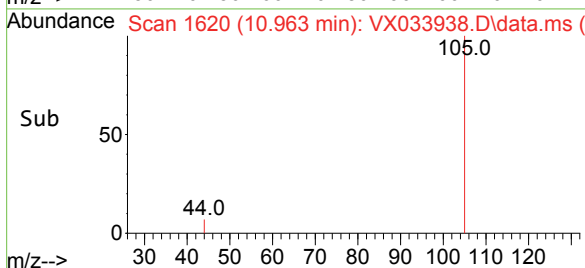
Tgt Ion:152 Resp: 95283
Ion Ratio Lower Upper
152 100
115 53.2 38.7 116.1
150 158.8 0.0 348.2

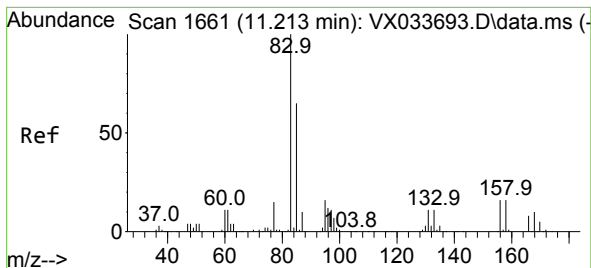


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57



Tgt Ion:105 Resp: 262
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

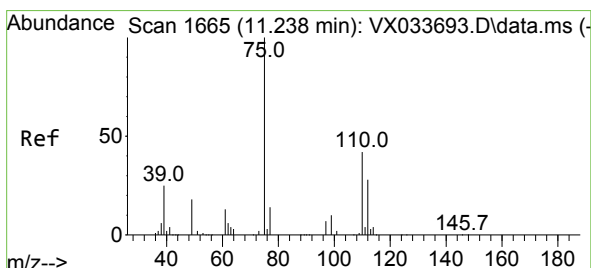
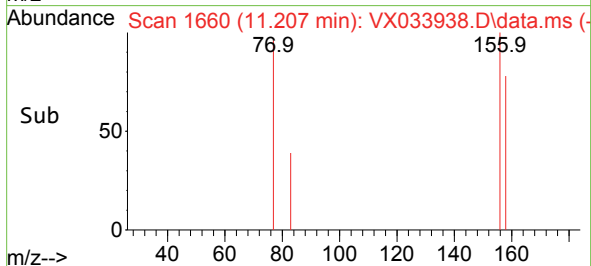
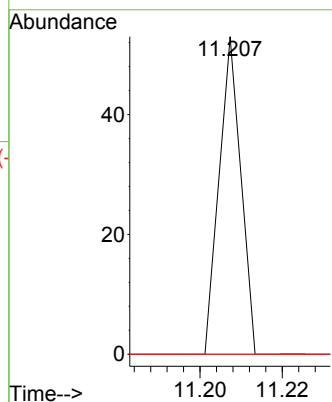
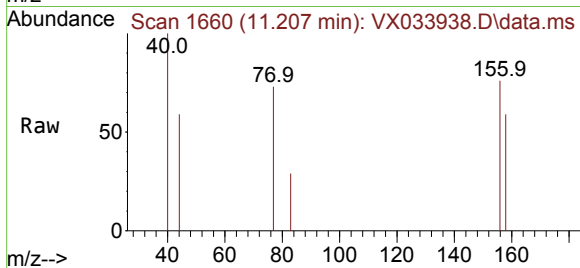
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 23.772 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033938.D

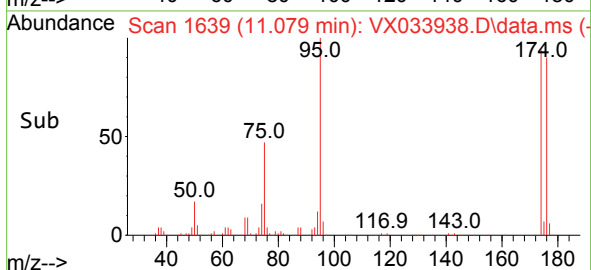
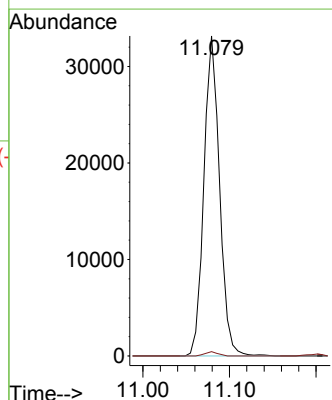
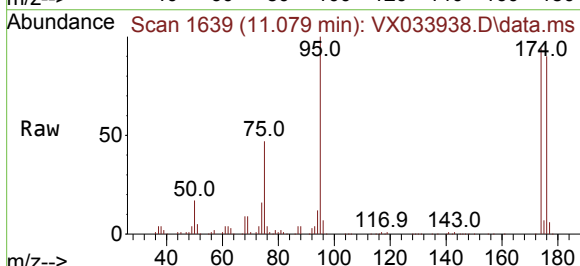
Acq: 30 Jan 2023 11:57

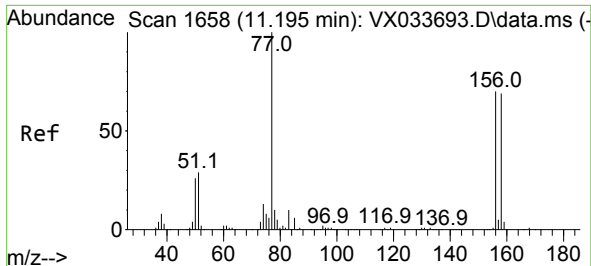
Tgt Ion: 75 Resp: 41618

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#

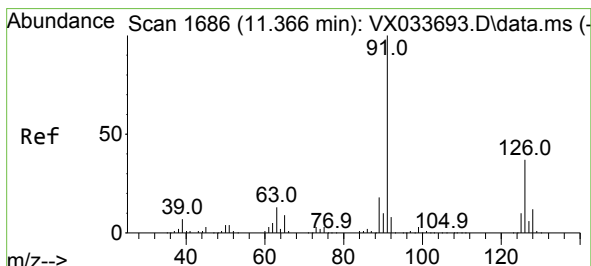
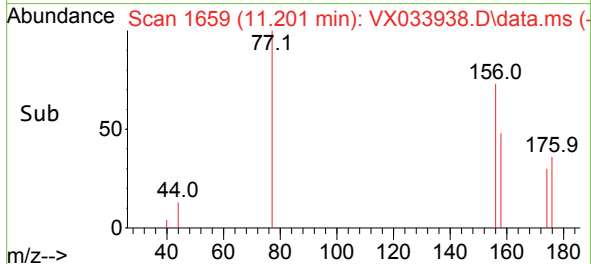
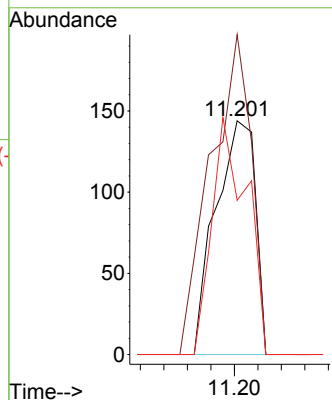
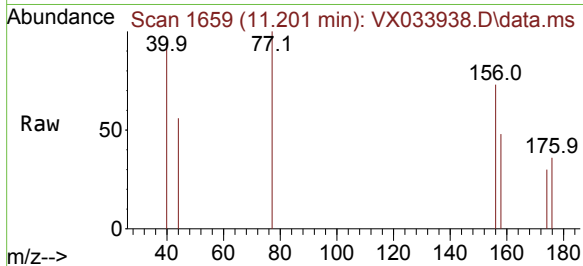




#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

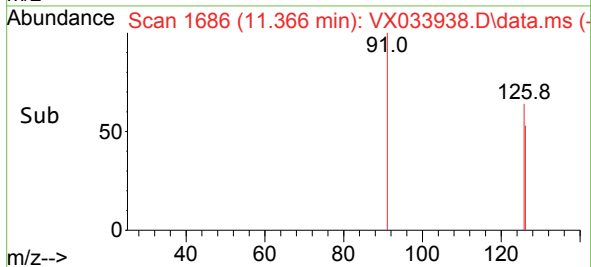
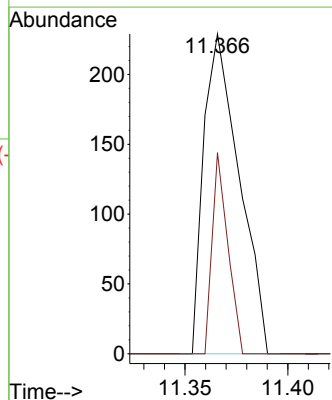
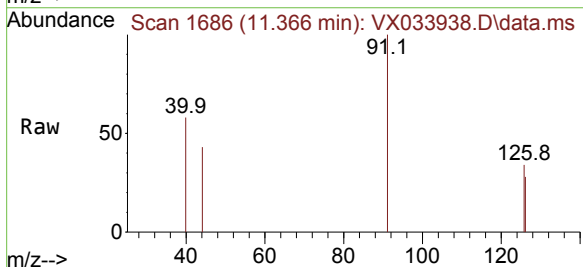
Instrument :
MSVOA_X
ClientSampleId :

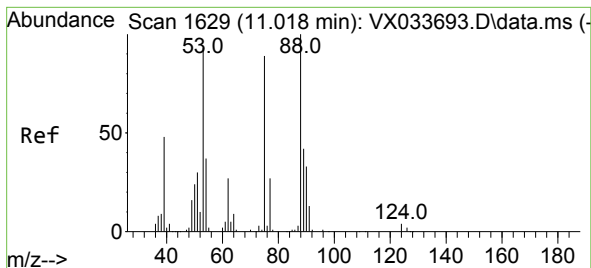
Tgt Ion:156 Resp: 169
Ion Ratio Lower Upper
156 100
77 139.1 68.1 204.3
158 88.8 48.0 144.2



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Tgt Ion: 91 Resp: 275
Ion Ratio Lower Upper
91 100
126 27.6 18.1 54.1

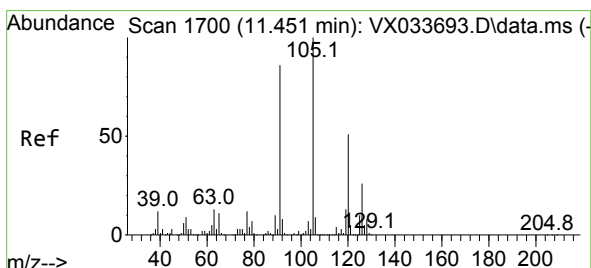
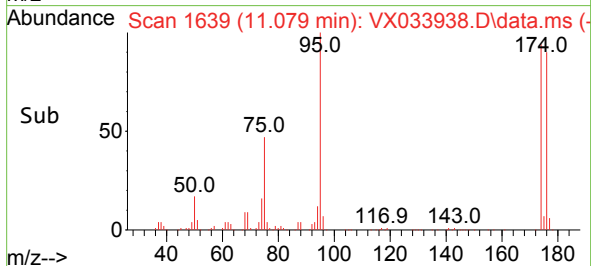
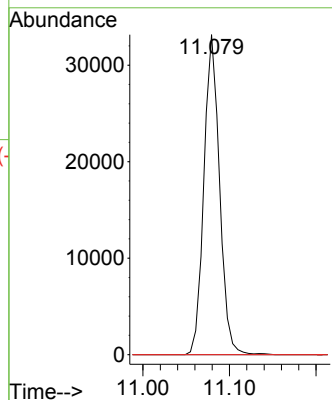
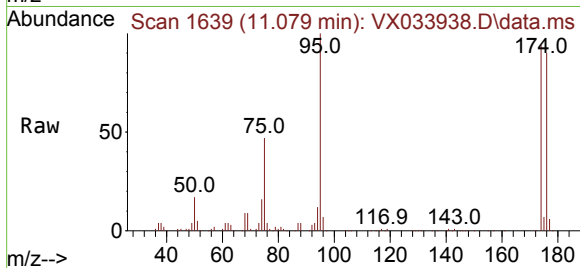




#81
trans-1,4-Dichloro-2-butene
Concen: 73.882 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

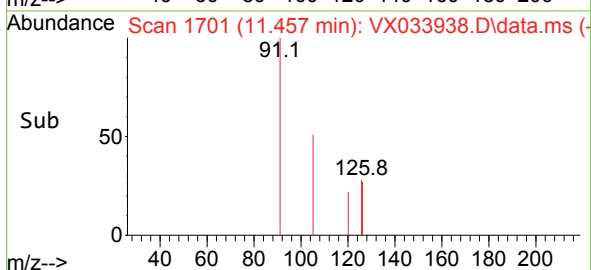
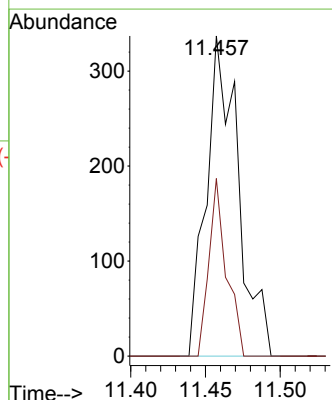
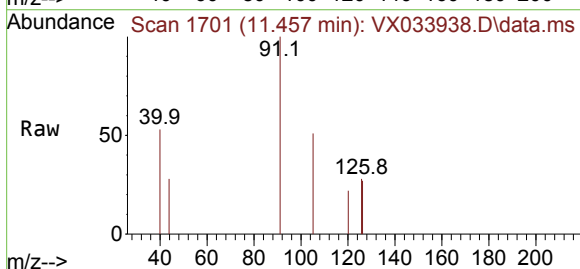
Instrument :
MSVOA_X
ClientSampleId :

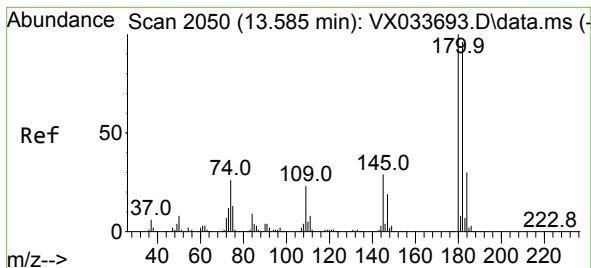
Tgt Ion: 75 Resp: 41618
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033938.D
Acq: 30 Jan 2023 11:57

Tgt Ion: 91 Resp: 498
Ion Ratio Lower Upper
91 100
126 30.5 15.8 47.4





#93

1,2,4-Trichlorobenzene

Concen: 0.396 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

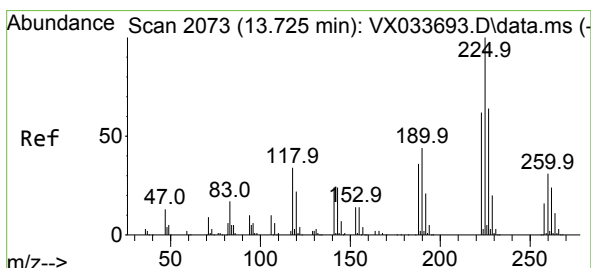
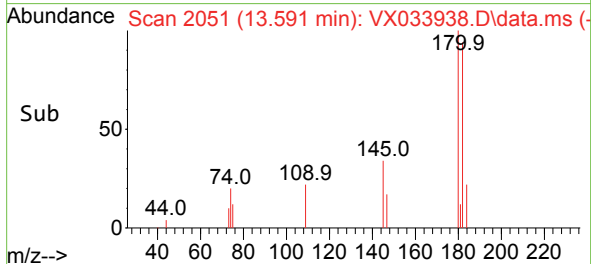
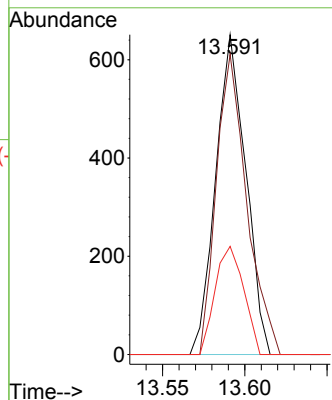
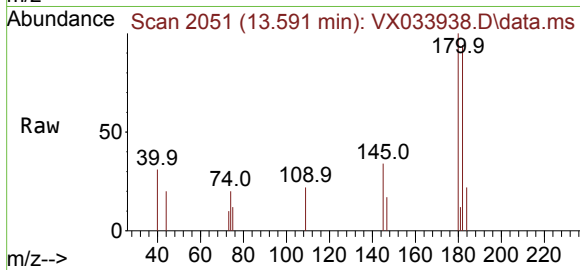
Tgt Ion:180 Resp: 828

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.6

145 32.1 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.736 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

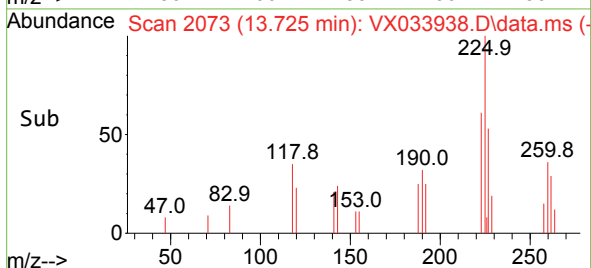
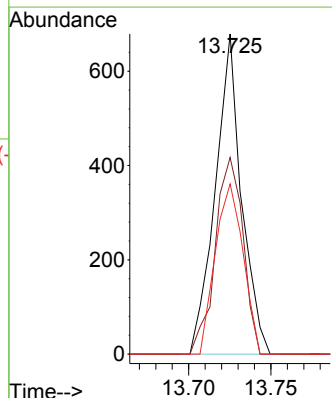
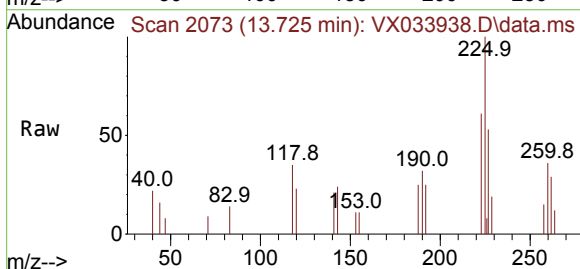
Tgt Ion:225 Resp: 754

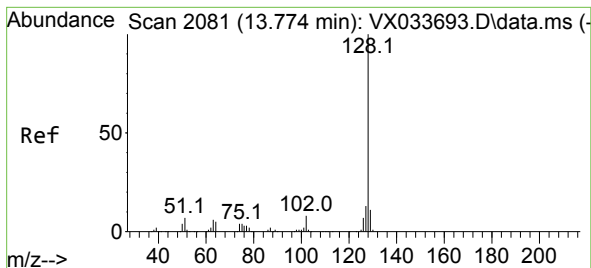
Ion Ratio Lower Upper

225 100

223 64.9 31.3 93.9

227 56.1 32.3 96.9





#95

Naphthalene

Concen: 0.371 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

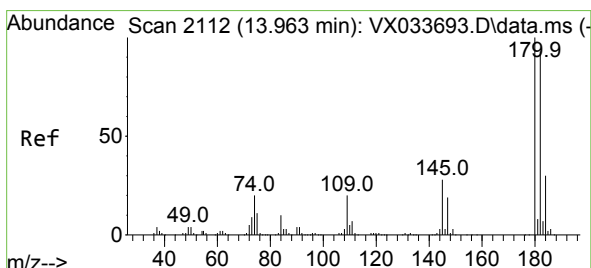
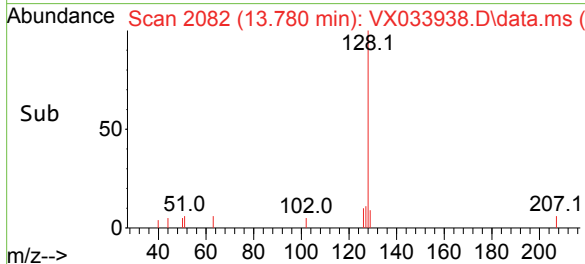
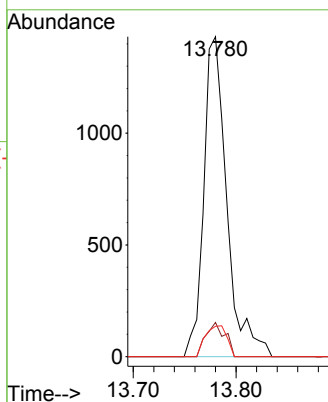
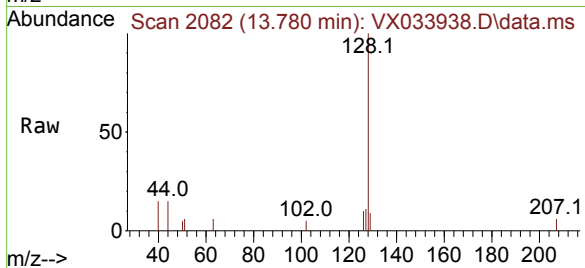
Tgt Ion:128 Resp: 2231

Ion Ratio Lower Upper

128 100

127 8.9 10.3 15.5#

129 9.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.418 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033938.D

Acq: 30 Jan 2023 11:57

Tgt Ion:180 Resp: 875

Ion Ratio Lower Upper

180 100

182 82.6 47.6 142.9

145 30.2 15.1 45.3

