

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033944.D
 Acq On : 30 Jan 2023 14:18
 Operator : JC/MD
 Sample : 01361-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:45:51 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

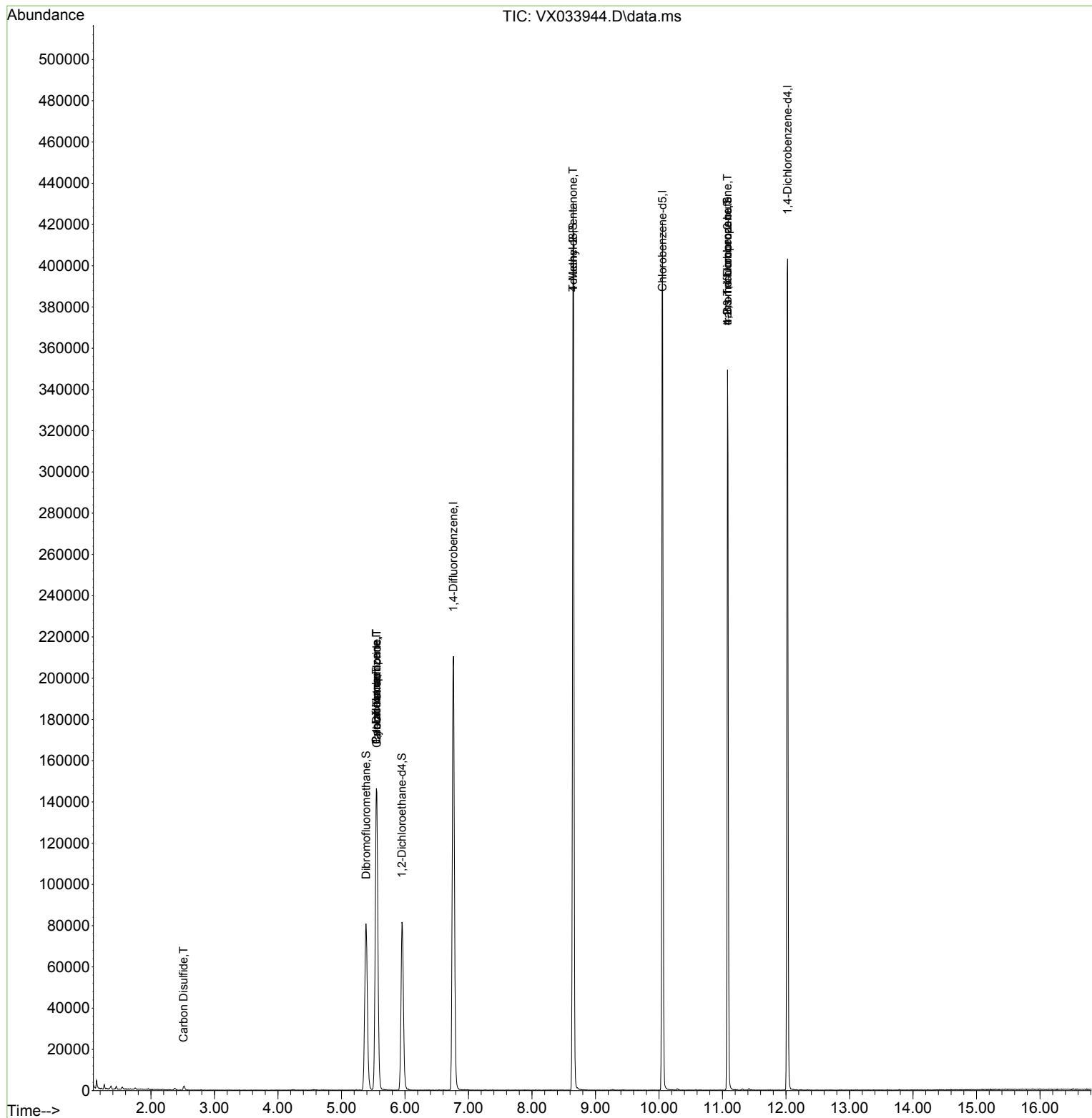
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

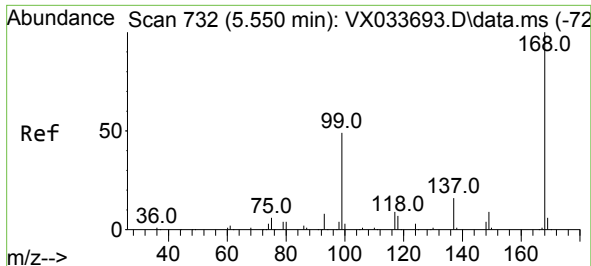
Internal Standards						
1) Pentafluorobenzene	5.550	168	161627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76694	45.067	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.140%
35) Dibromofluoromethane	5.385	113	71563	49.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.647	98	265413	50.404	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	11.079	95	89966	46.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.040%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1152	Below Cal		98
17) Carbon Disulfide	2.514	76	1059	2.129 ug/l #		94
20) Methylene Chloride	2.788	84	23	Below Cal #		54
31) Cyclohexane	5.550	56	2359	0.942 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	9358	4.437 ug/l #		49
37) Ethyl Acetate	4.611	43	51	Below Cal #		68
38) Carbon Tetrachloride	5.556	117	13980	6.399 ug/l #		15
51) 4-Methyl-2-Pentanone	8.647	43	988	0.483 ug/l #		1
73) Isopropylbenzene	10.964	105	60	Below Cal #		48
76) 1,2,3-Trichloropropane	11.079	75	42057	23.779 ug/l #		34
79) 2-Chlorotoluene	11.378	91	20	Below Cal #		39
81) trans-1,4-Dichloro-2-b...	11.079	75	42057	73.902 ug/l #		8
82) 4-Chlorotoluene	11.457	91	116	Below Cal #		43

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

Instrument :
MSVOA_X
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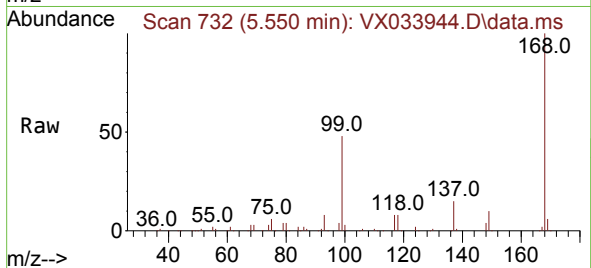
Instrument :
MSVOA_X
ClientSampleId :



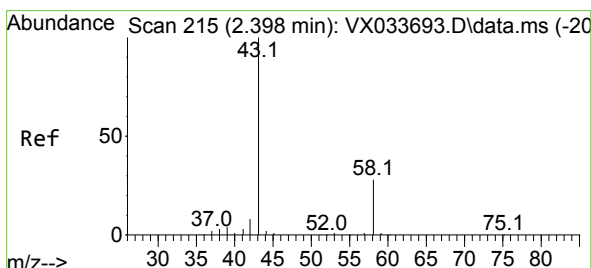
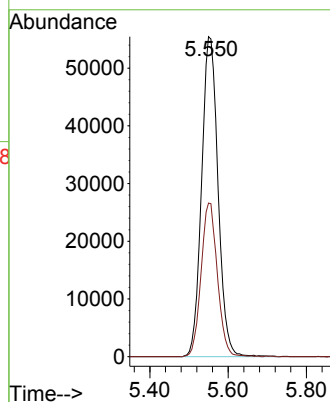
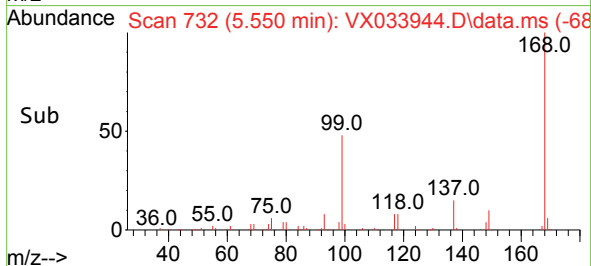


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

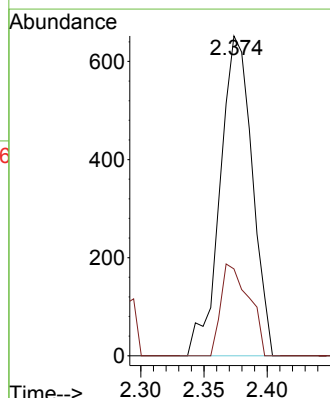
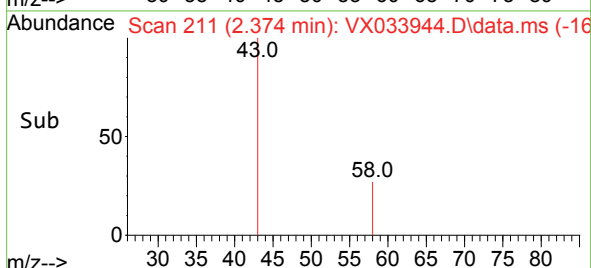
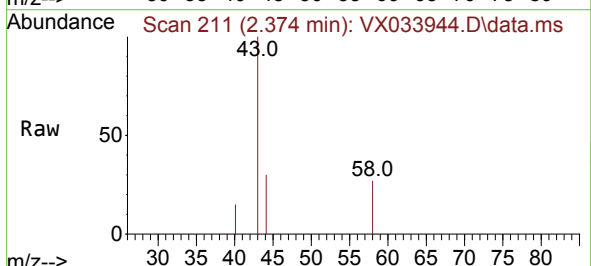


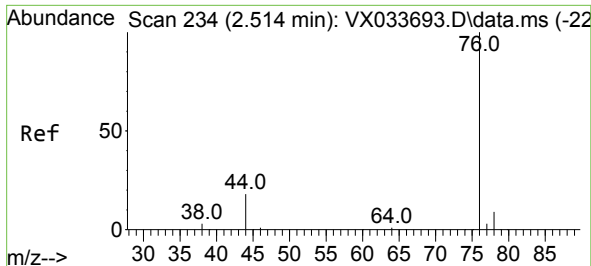
Tgt Ion:168 Resp: 161627
Ion Ratio Lower Upper
168 100
99 48.0 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 27.1 22.6 33.8





#17

Carbon Disulfide

Concen: 2.129 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

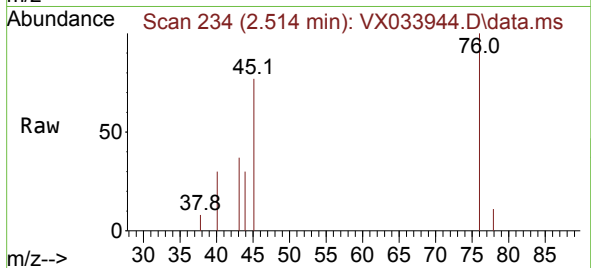
Lab File: VX033944.D

Acq: 30 Jan 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :

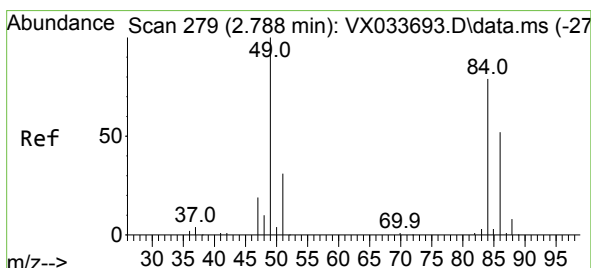
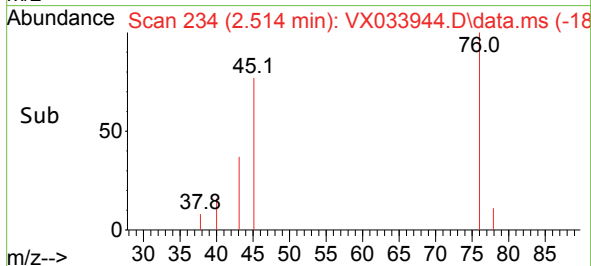
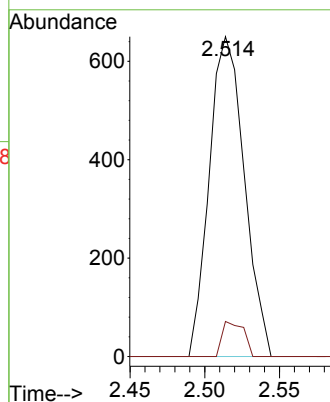


Tgt Ion: 76 Resp: 1059

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033944.D

Acq: 30 Jan 2023 14:18

Tgt Ion: 84 Resp: 23

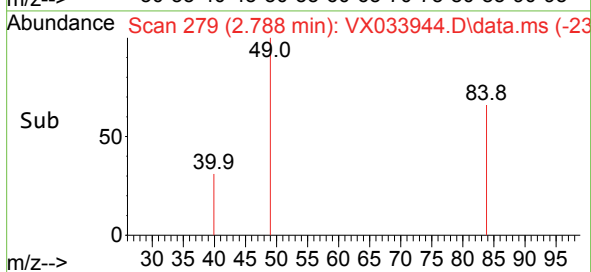
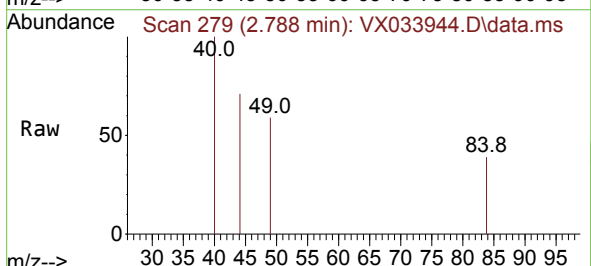
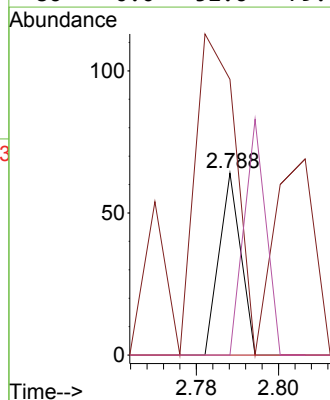
Ion Ratio Lower Upper

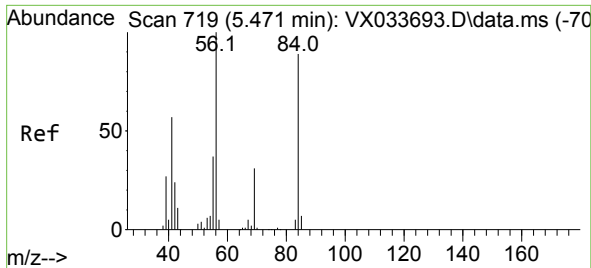
84 100

49 151.6 101.1 151.7

51 0.0 31.0 46.6#

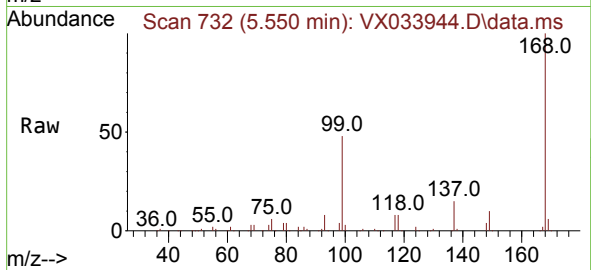
86 0.0 52.6 79.0#



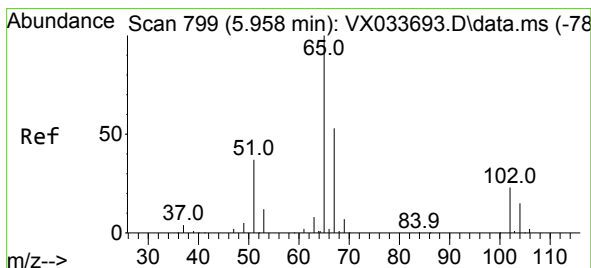
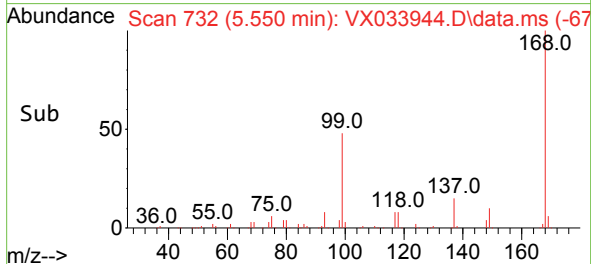
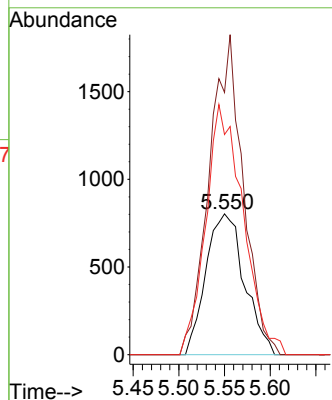


#31
Cyclohexane
Concen: 0.942 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

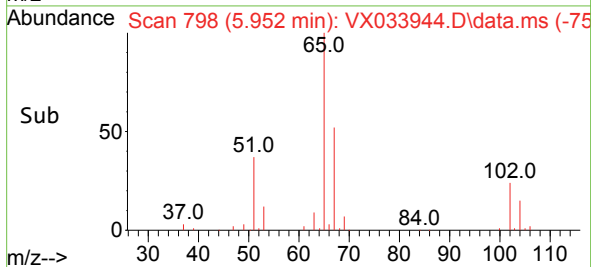
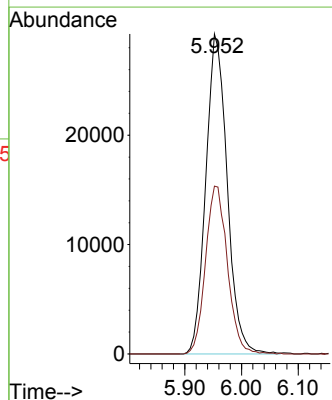
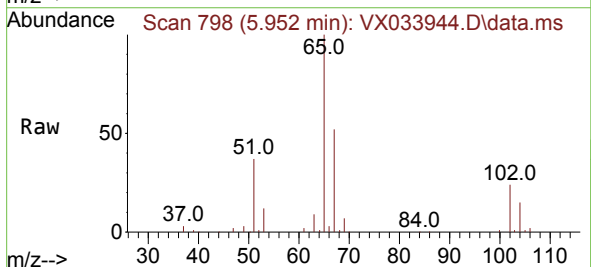


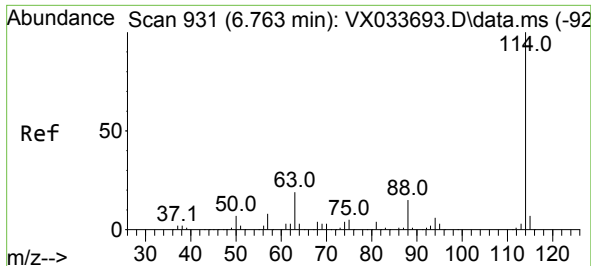
Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
69 186.3 24.6 37.0#
84 156.4 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.067 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Tgt Ion: 65 Resp: 76694
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8

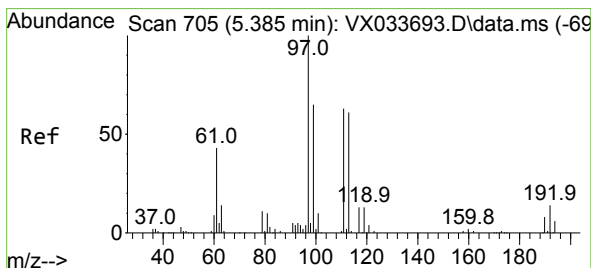
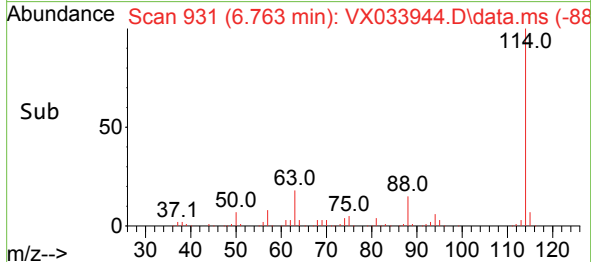
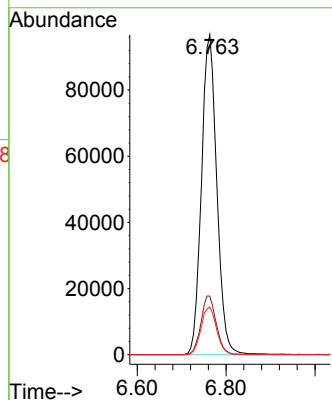
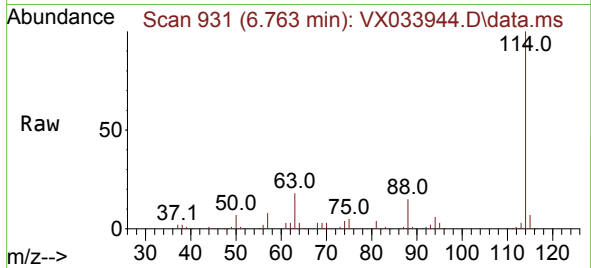




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

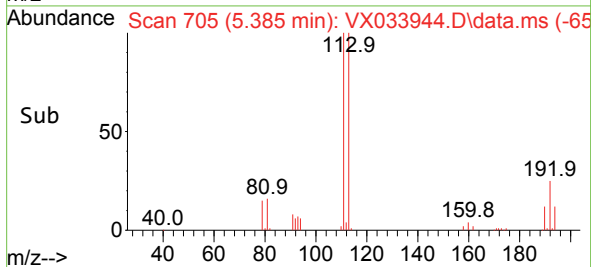
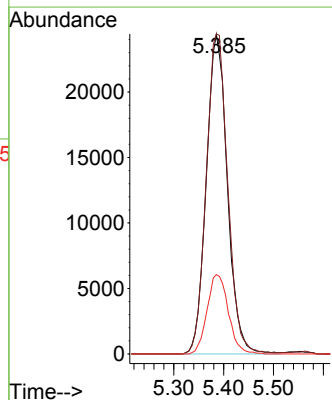
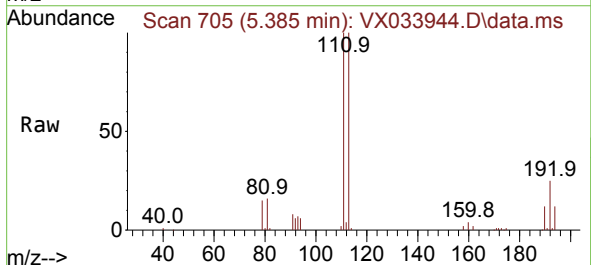
Instrument :
MSVOA_X
ClientSampleId :

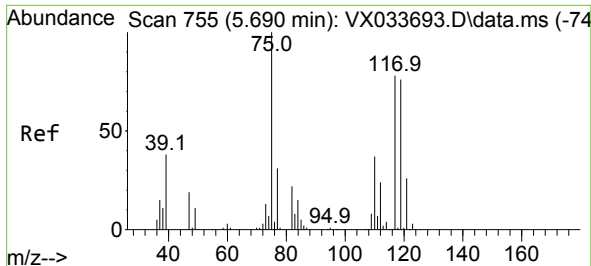
Tgt Ion:114 Resp: 232745
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

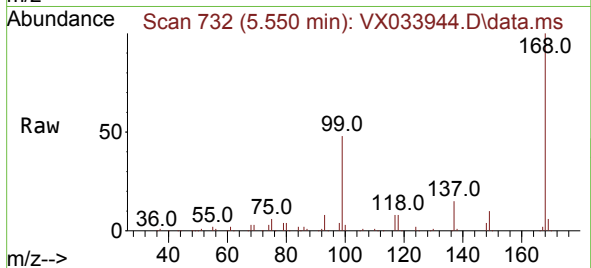
Tgt Ion:113 Resp: 71563
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 25.0 19.0 28.4



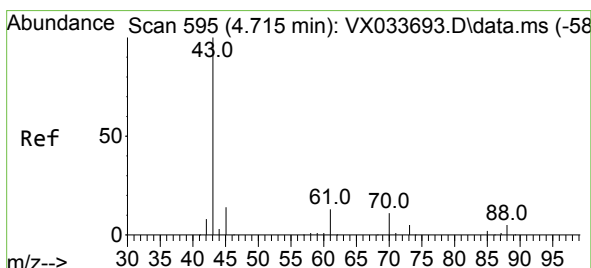
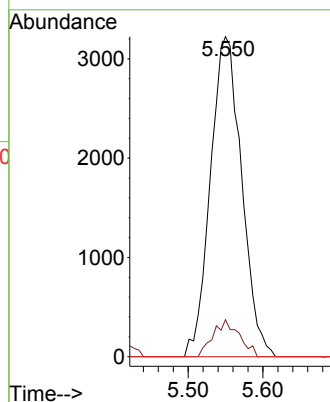
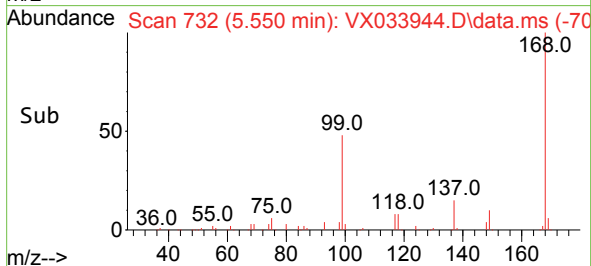


#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

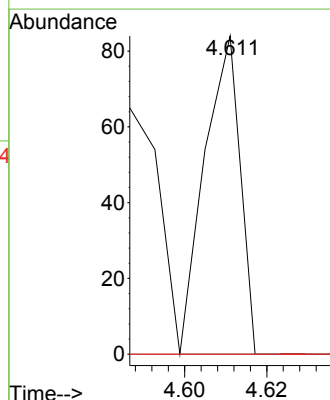
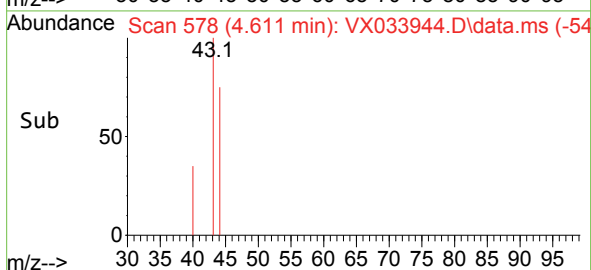
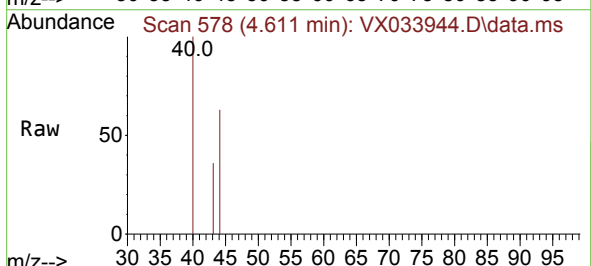


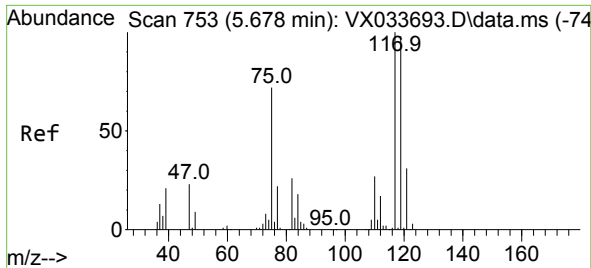
Tgt Ion: 75 Resp: 9358
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.611 min Scan# 578
Delta R.T. -0.104 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

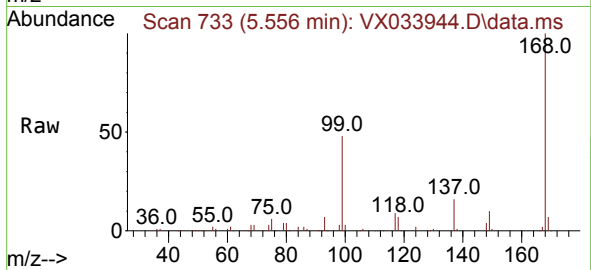
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



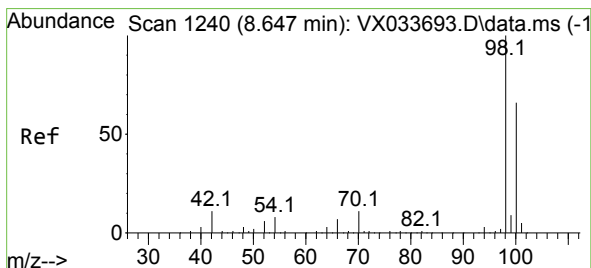
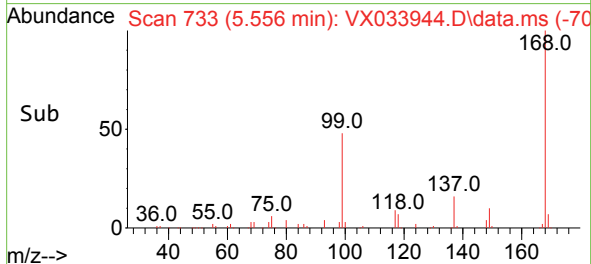
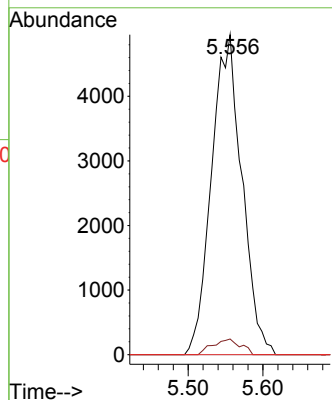


#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

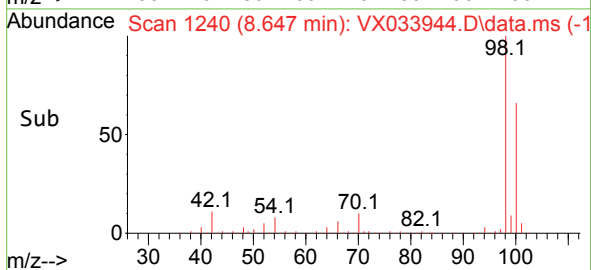
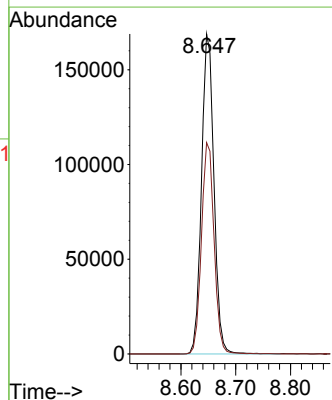
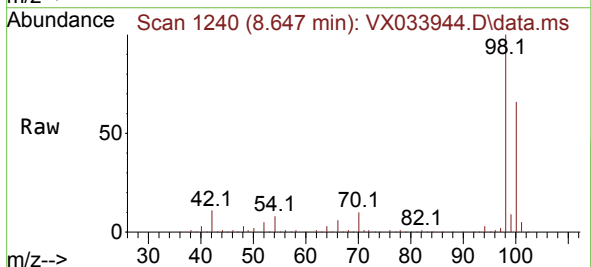


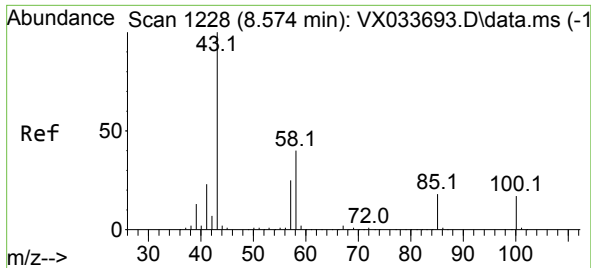
Tgt Ion:117 Resp: 13980
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.404 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Tgt Ion: 98 Resp: 265413
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4

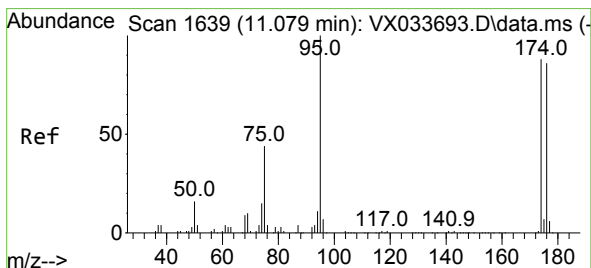
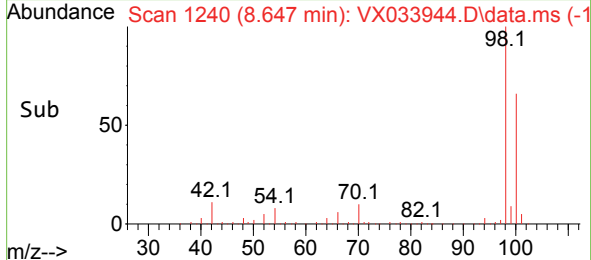
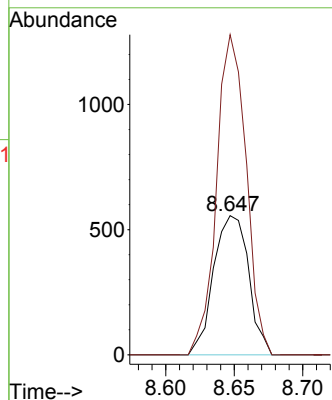
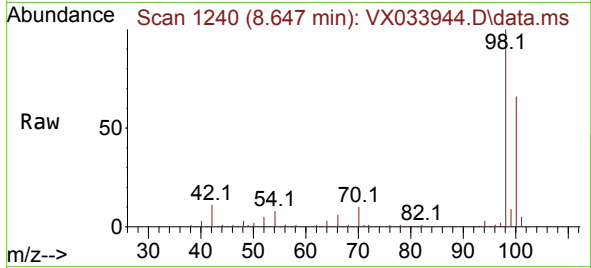




#51
4-Methyl-2-Pentanone
Concen: 0.483 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

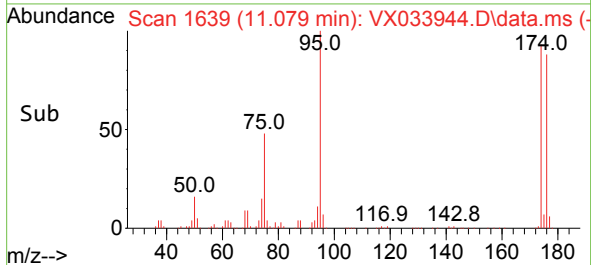
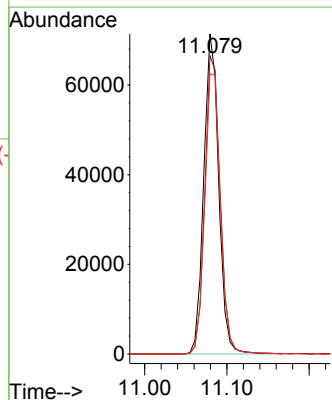
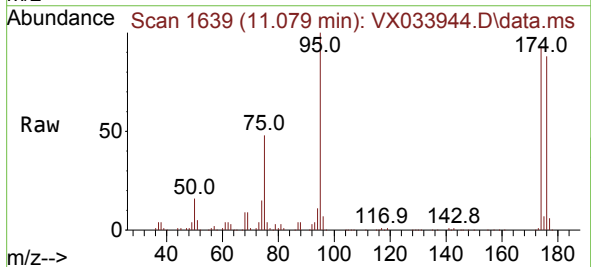
Instrument :
MSVOA_X
ClientSampleId :

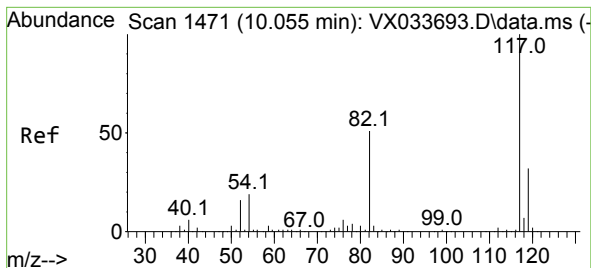
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 194.7 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

Tgt Ion: 95 Resp: 89966
Ion Ratio Lower Upper
95 100
174 96.3 0.0 184.4
176 92.3 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: VX033944.D

Acq: 30 Jan 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :

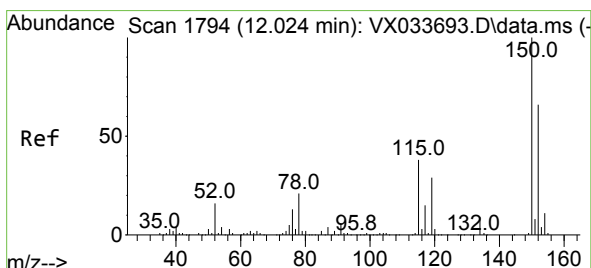
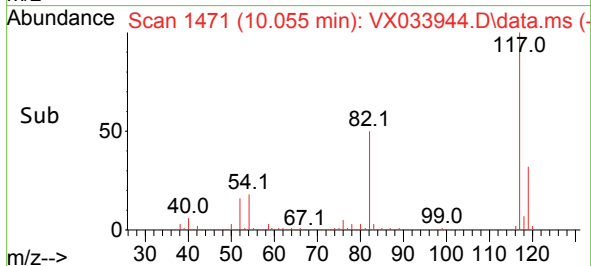
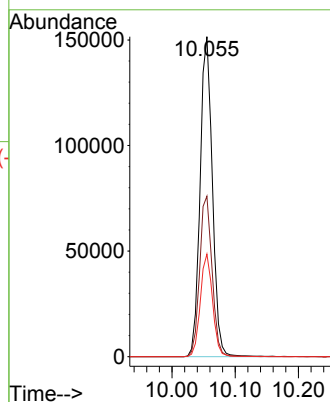
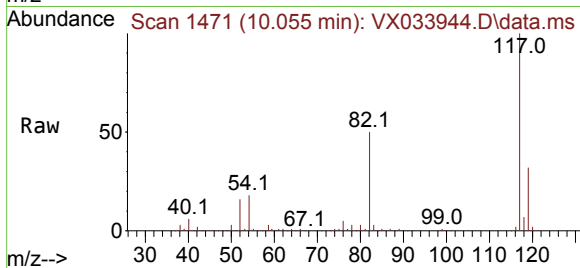
Tgt Ion:117 Resp: 205071

Ion Ratio Lower Upper

117 100

82 50.1 40.6 60.8

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033944.D

Acq: 30 Jan 2023 14:18

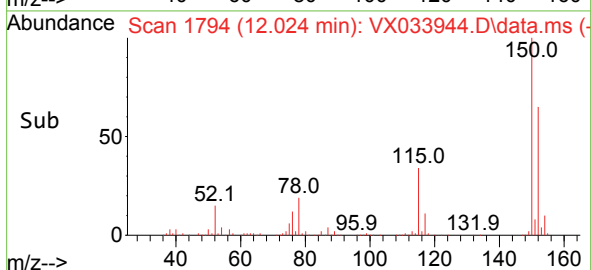
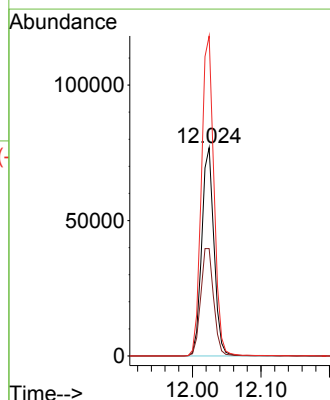
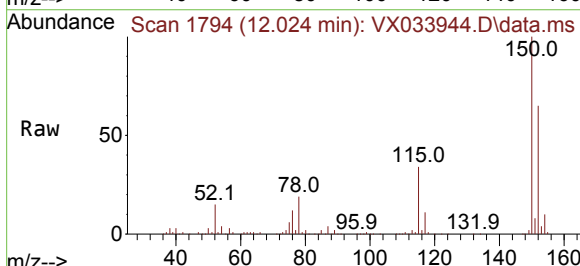
Tgt Ion:152 Resp: 96262

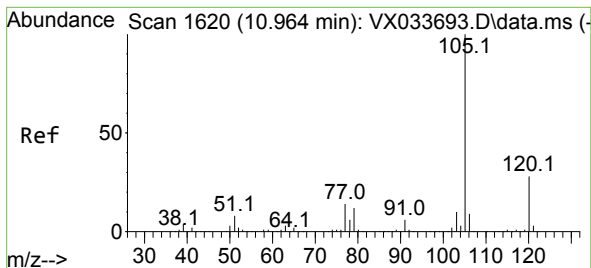
Ion Ratio Lower Upper

152 100

115 54.6 38.7 116.1

150 157.0 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.964 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033944.D

Acq: 30 Jan 2023 14:18

Instrument :

MSVOA_X

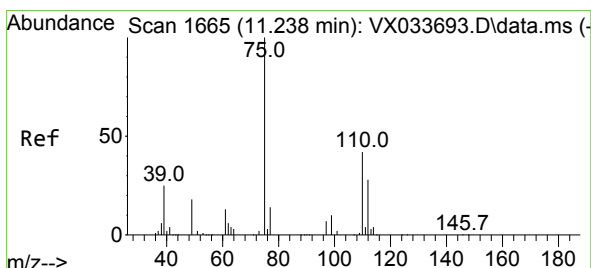
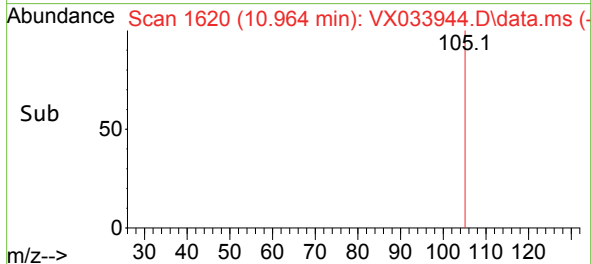
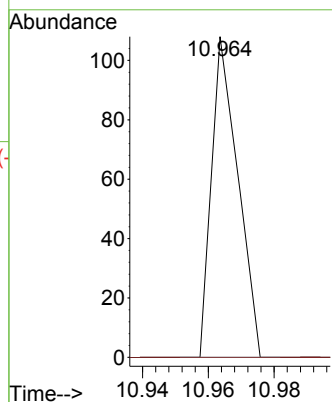
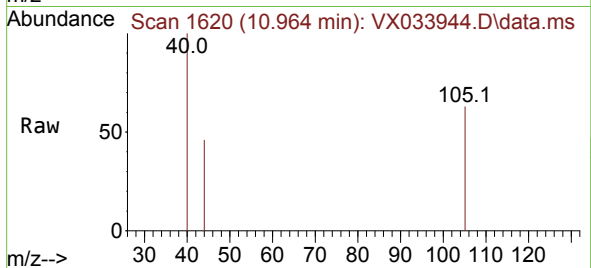
ClientSampleId :

Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.779 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033944.D

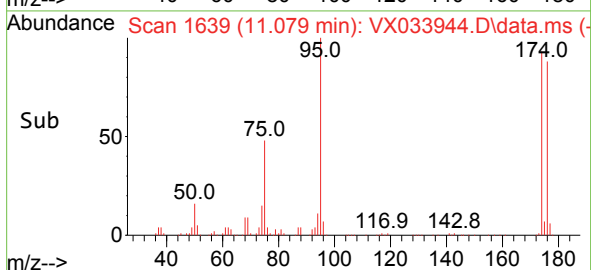
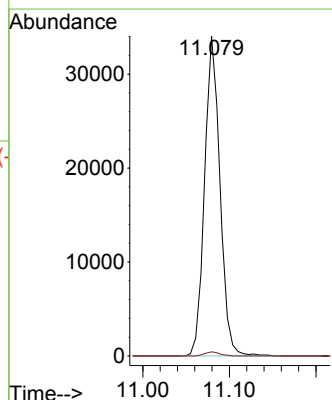
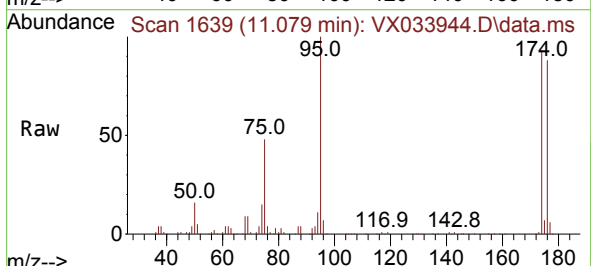
Acq: 30 Jan 2023 14:18

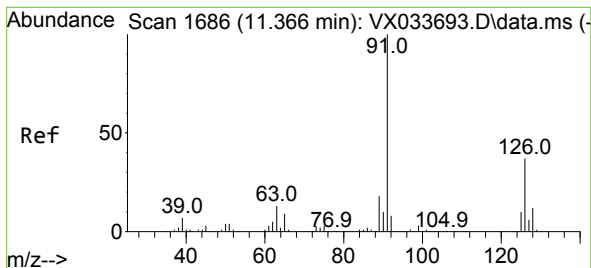
Tgt Ion: 75 Resp: 42057

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#

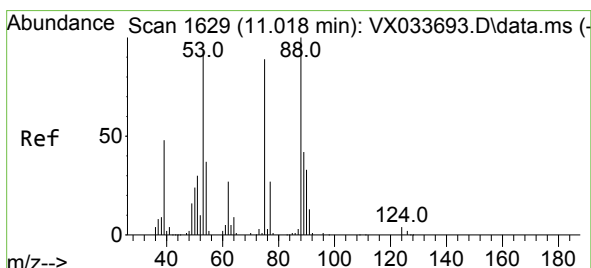
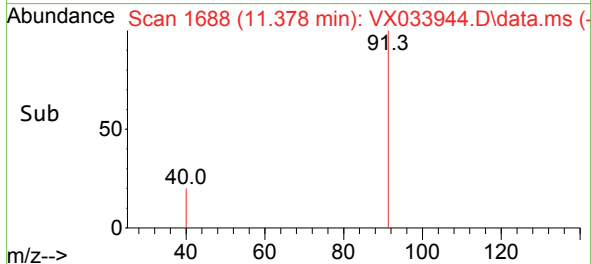
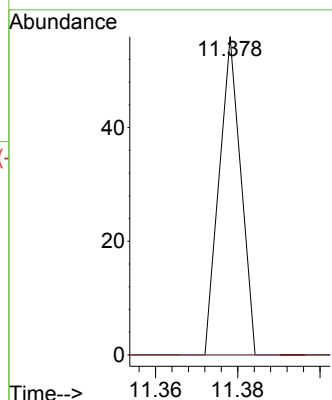
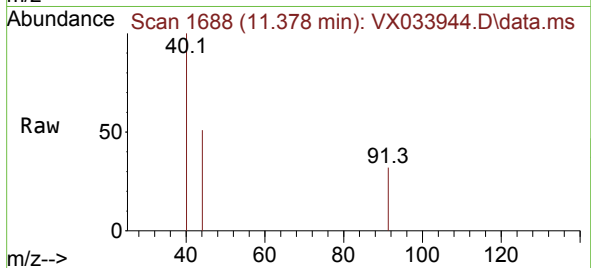




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

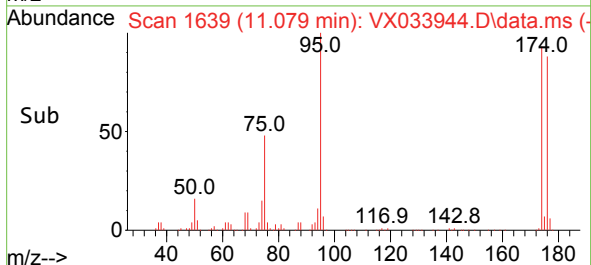
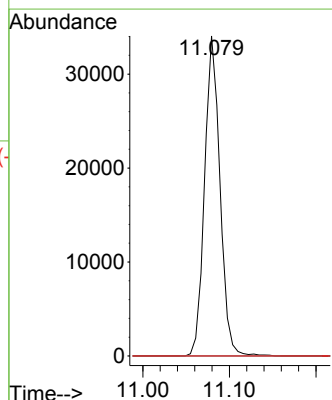
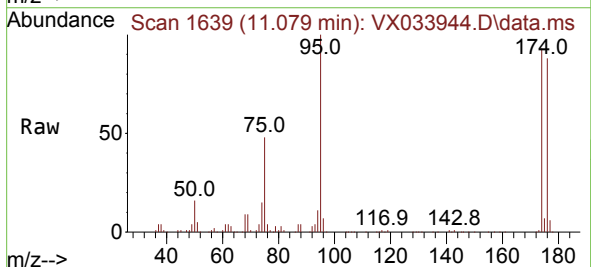
Instrument :
MSVOA_X
ClientSampleId :

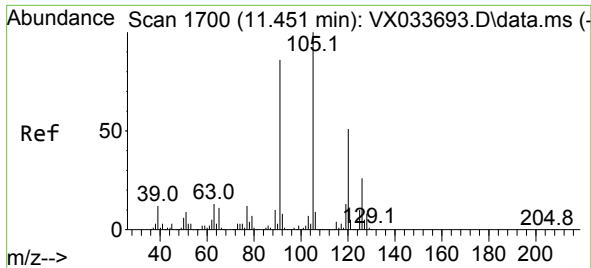
Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033944.D
Acq: 30 Jan 2023 14:18

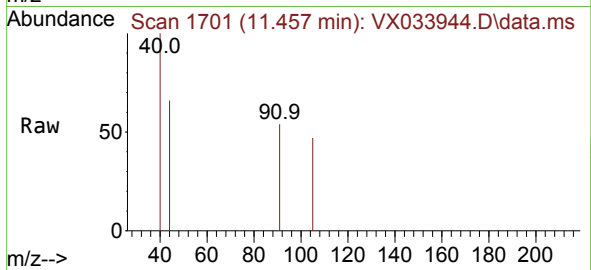
Tgt Ion: 75 Resp: 42057
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033944.D
 Acq: 30 Jan 2023 14:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 116
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

