

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012323\
 Data File : VX033838.D
 Acq On : 23 Jan 2023 10:53
 Operator : JC/MD
 Sample : VX0123WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0123WBL01

Quant Time: Jan 24 00:35:56 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)

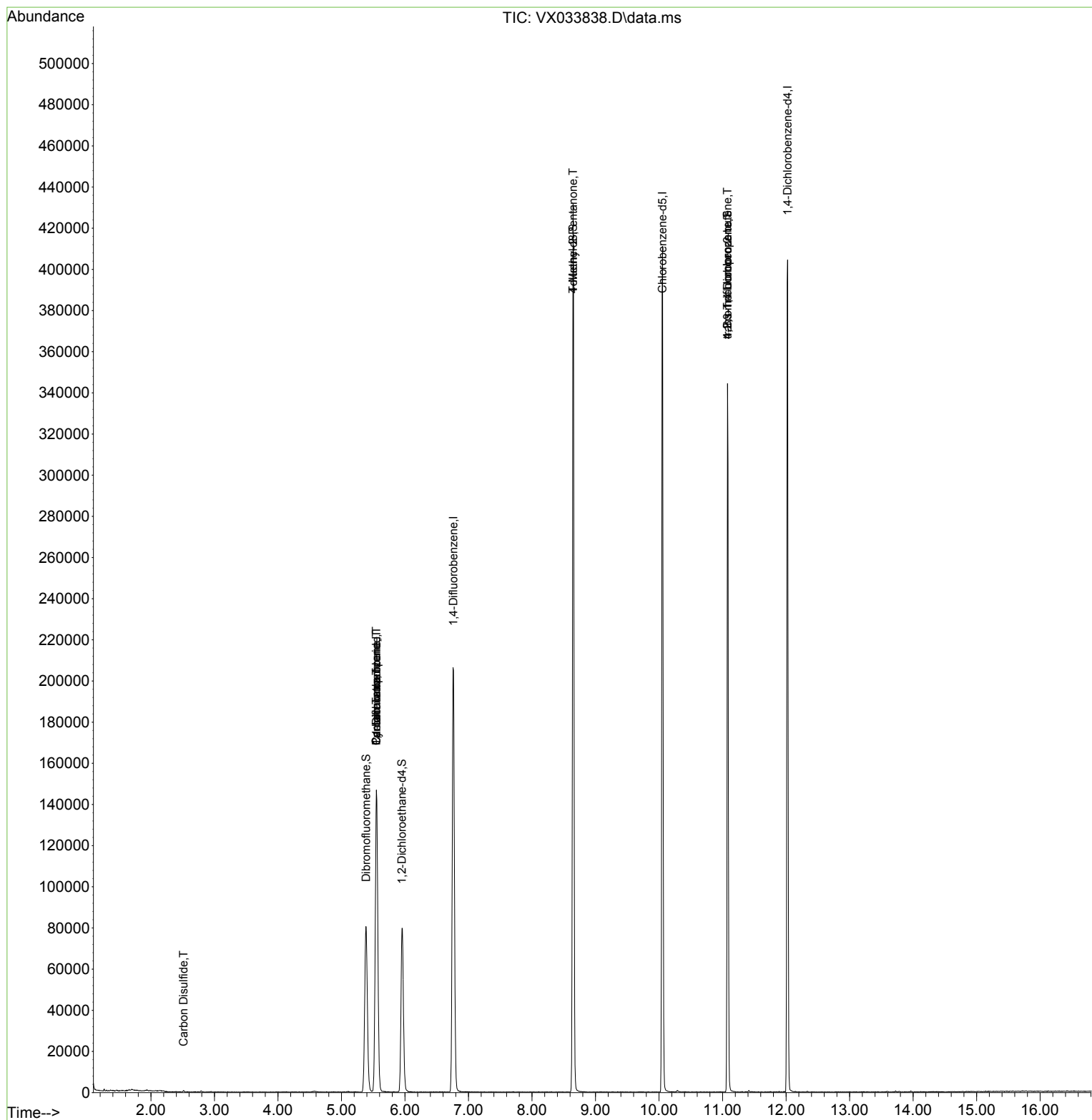
Internal Standards						
1) Pentafluorobenzene	5.550	168	158425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75849	45.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	70803	49.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	8.647	98	260275	50.229	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	87794	45.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	345	Below Cal	#	47
17) Carbon Disulfide	2.514	76	784	2.054	ug/l #	88
20) Methylene Chloride	2.794	84	177	Below Cal	#	85
31) Cyclohexane	5.550	56	2375	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9500	4.577	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13630	6.340	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	981	0.487	ug/l #	1
73) Isopropylbenzene	10.963	105	127	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	40661	22.962	ug/l #	34
79) 2-Chlorotoluene	11.360	91	149	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40661	71.364	ug/l #	8
82) 4-Chlorotoluene	11.463	91	238	Below Cal	#	43

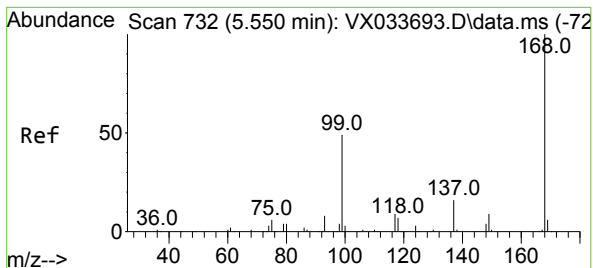
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033838.D

Acq: 23 Jan 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

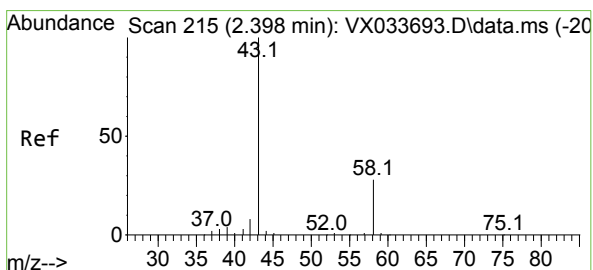
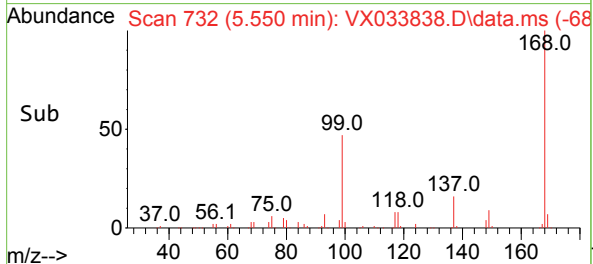
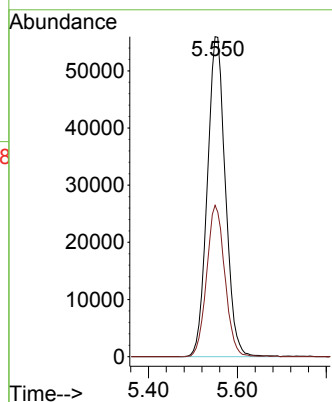
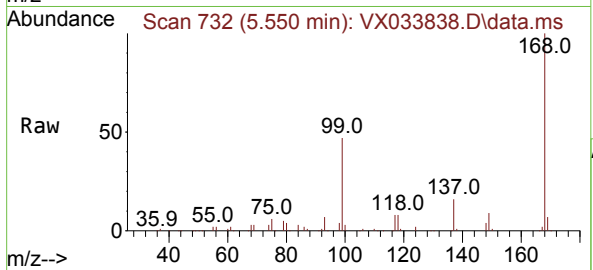
VX0123WBL01

Tgt Ion:168 Resp: 158425

Ion Ratio Lower Upper

168 100

99 47.3 39.6 59.4



#16

Acetone

Concen: Below Cal

RT: 2.404 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX033838.D

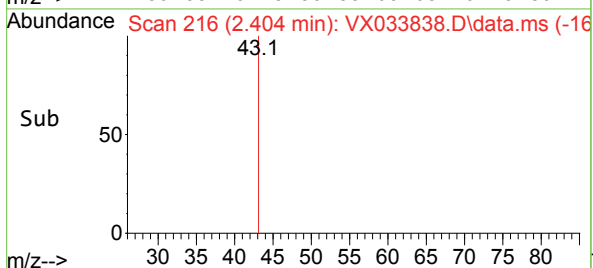
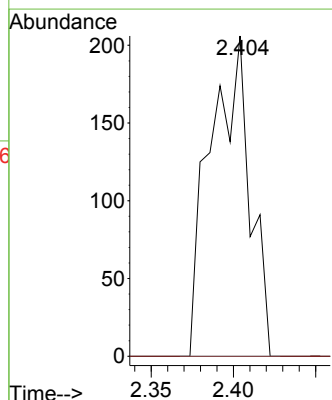
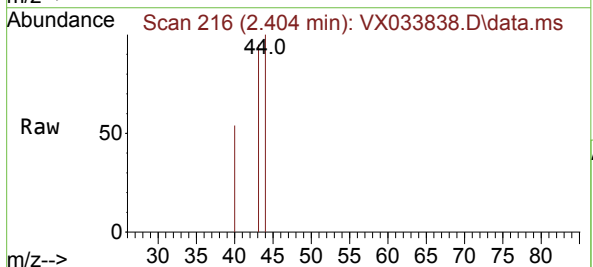
Acq: 23 Jan 2023 10:53

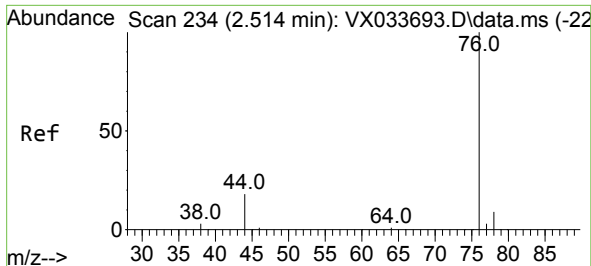
Tgt Ion: 43 Resp: 345

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 2.054 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033838.D

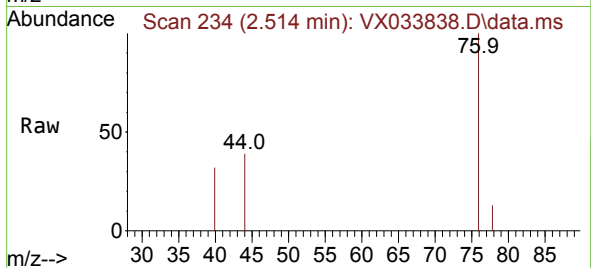
Acq: 23 Jan 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBL01

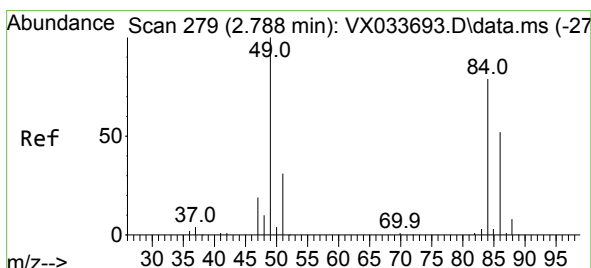
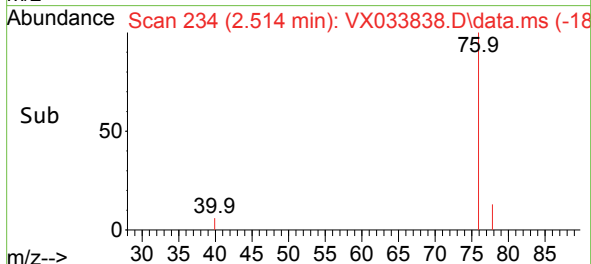
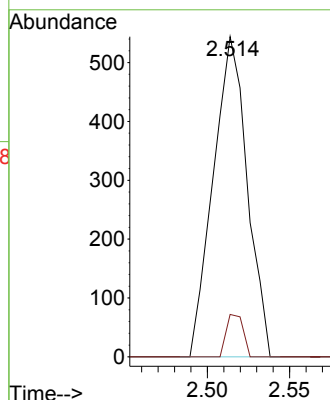


Tgt Ion: 76 Resp: 784

Ion Ratio Lower Upper

76 100

78 13.2 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033838.D

Acq: 23 Jan 2023 10:53

Tgt Ion: 84 Resp: 177

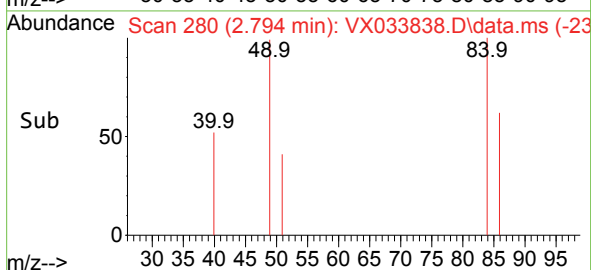
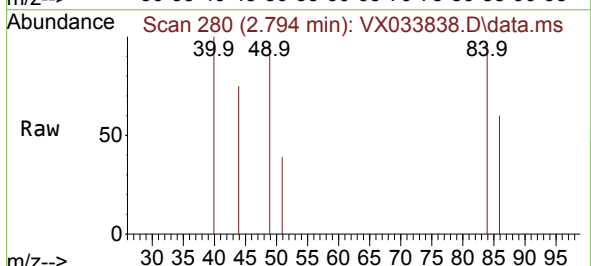
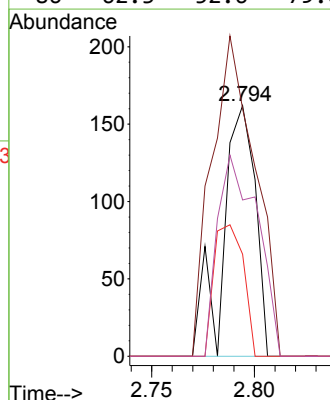
Ion Ratio Lower Upper

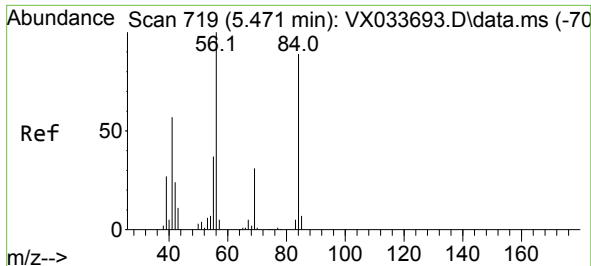
84 100

49 98.8 101.1 151.7#

51 40.7 31.0 46.6

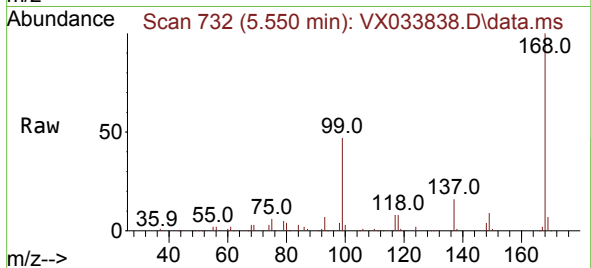
86 62.3 52.6 79.0



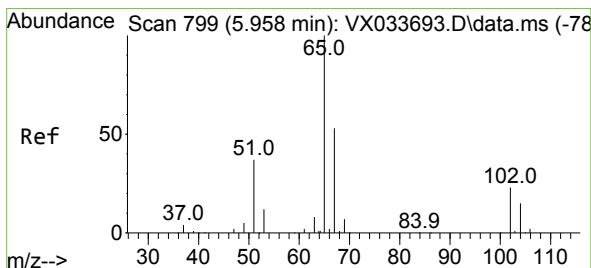
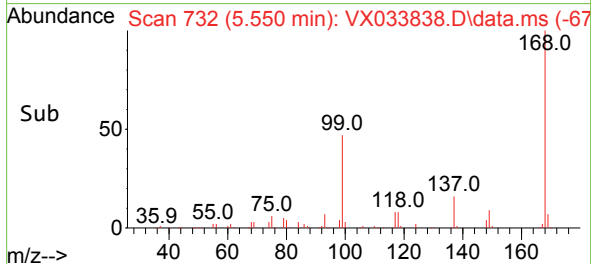
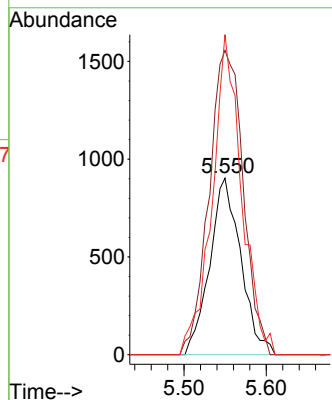


#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

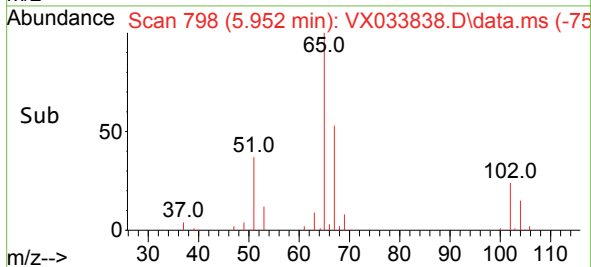
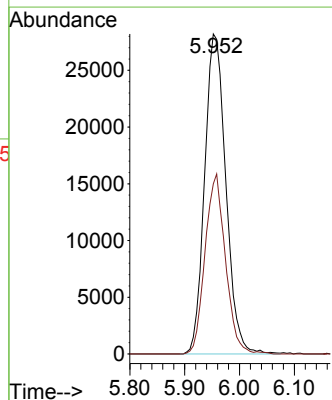
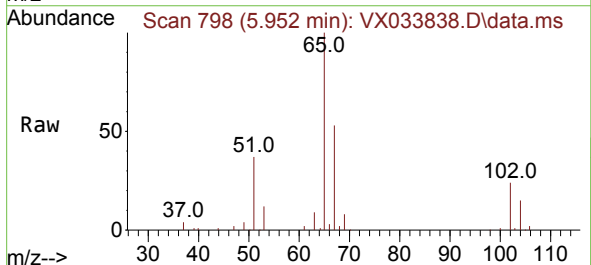


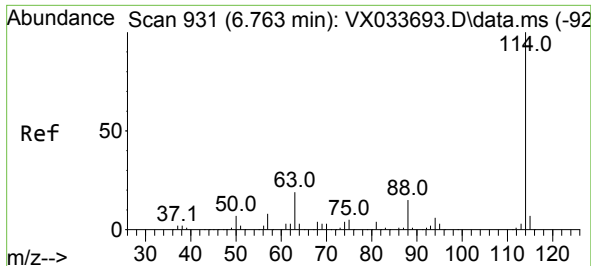
Tgt Ion: 56 Resp: 2375
Ion Ratio Lower Upper
56 100
69 172.4 24.6 37.0#
84 181.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.471 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Tgt Ion: 65 Resp: 75849
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.8

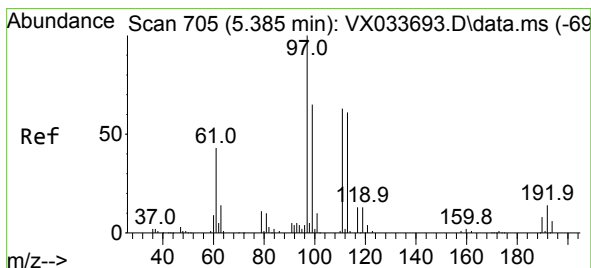
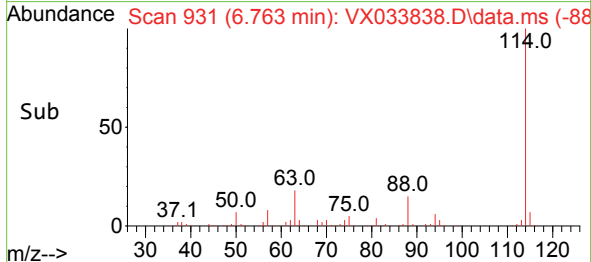
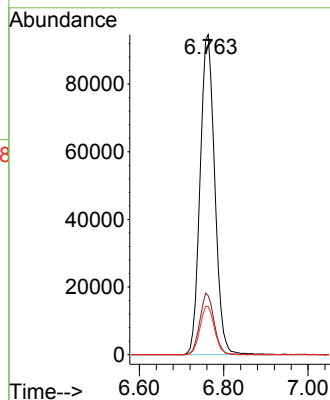
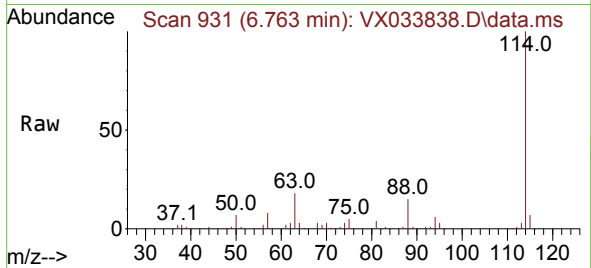




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

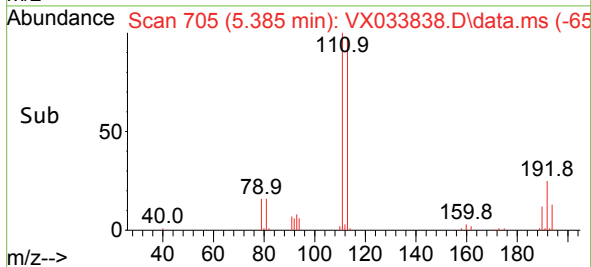
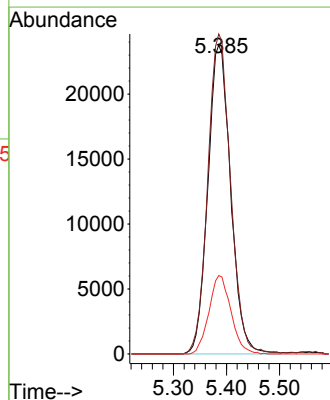
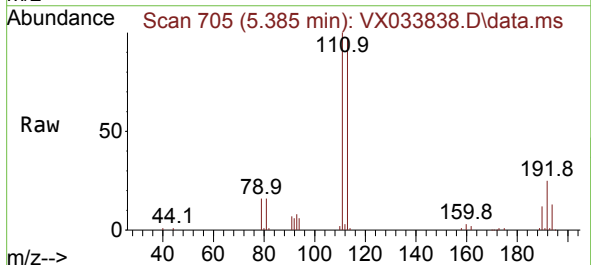
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

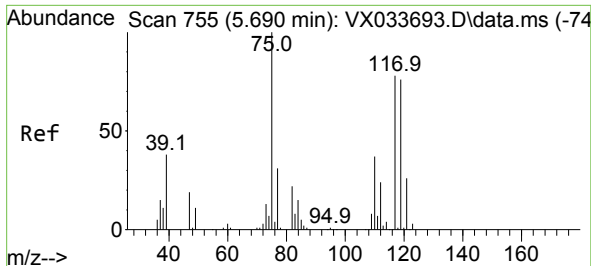
Tgt Ion:114 Resp: 229035
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.785 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Tgt Ion:113 Resp: 70803
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 24.6 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033838.D

Acq: 23 Jan 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0123WBL01

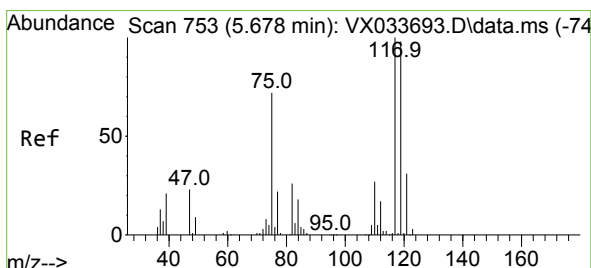
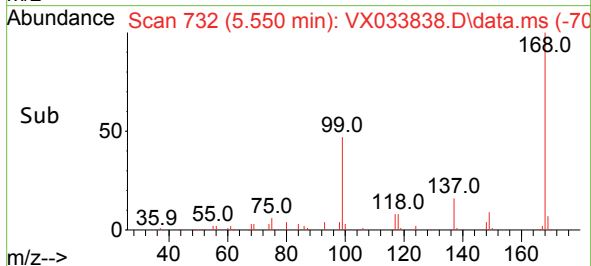
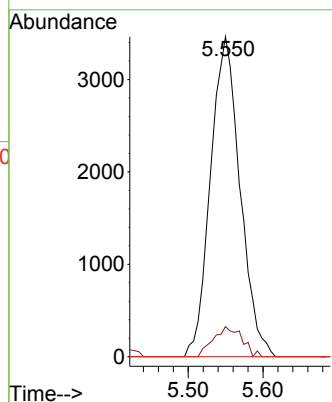
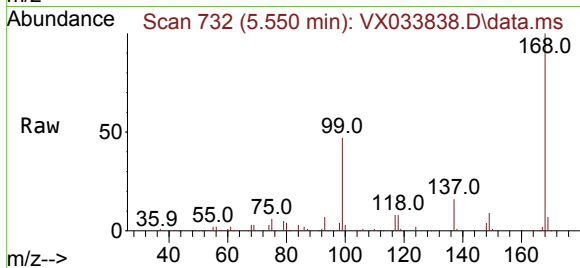
Tgt Ion: 75 Resp: 9500

Ion Ratio Lower Upper

75 100

110 9.1 18.8 56.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.340 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033838.D

Acq: 23 Jan 2023 10:53

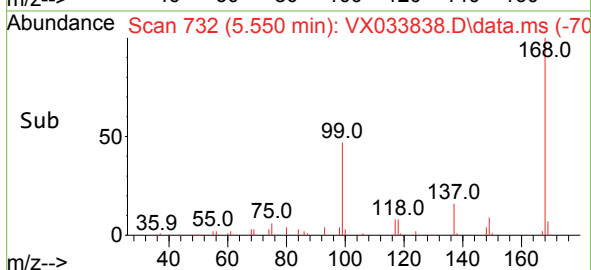
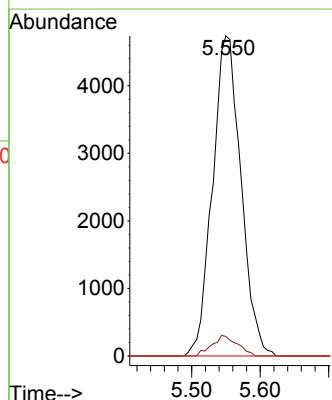
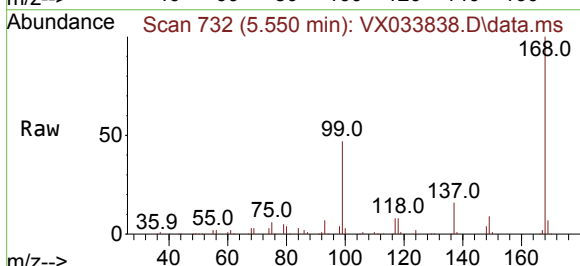
Tgt Ion: 117 Resp: 13630

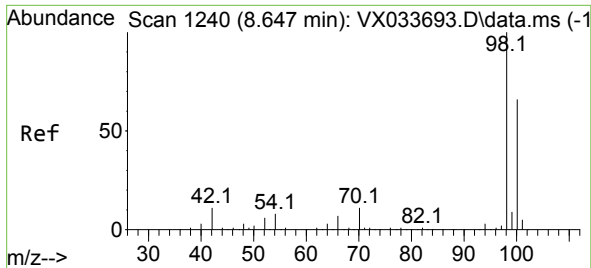
Ion Ratio Lower Upper

117 100

119 6.1 78.0 117.0#

121 0.0 24.4 36.6#

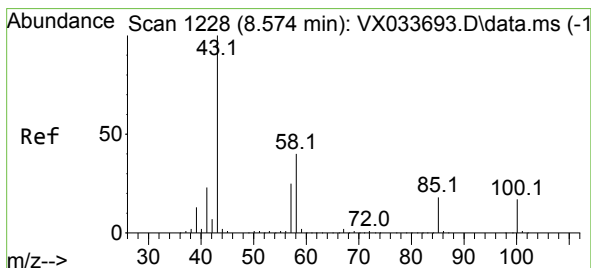
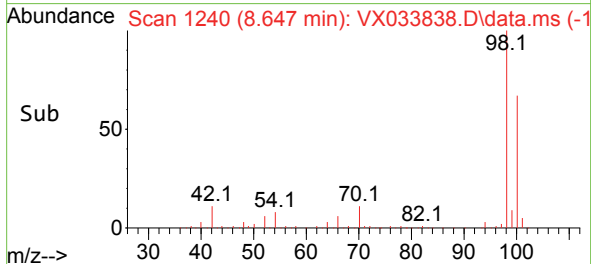
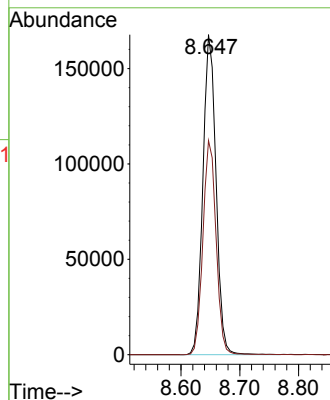
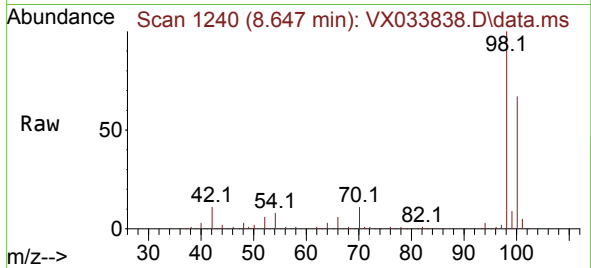




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

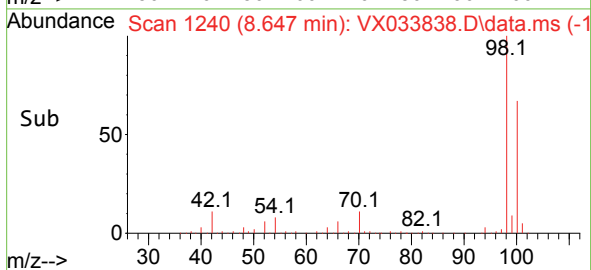
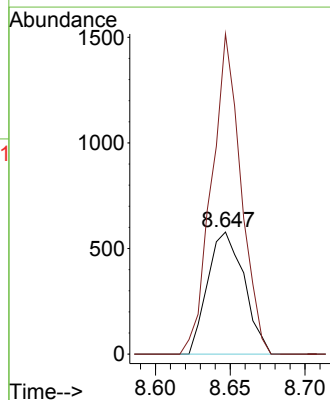
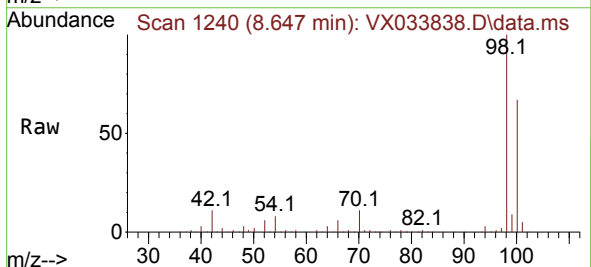
Instrument :
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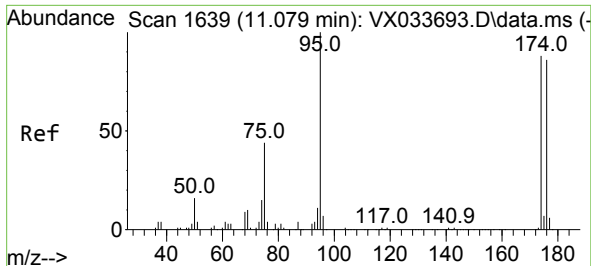
Tgt Ion: 98 Resp: 260275
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 211.2 31.2 46.8#

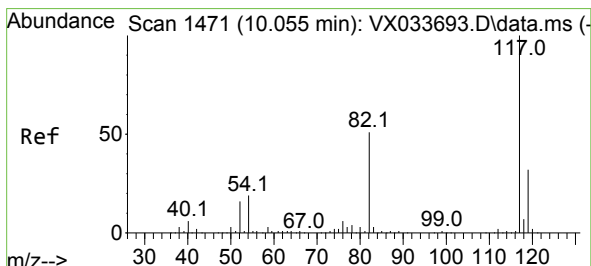
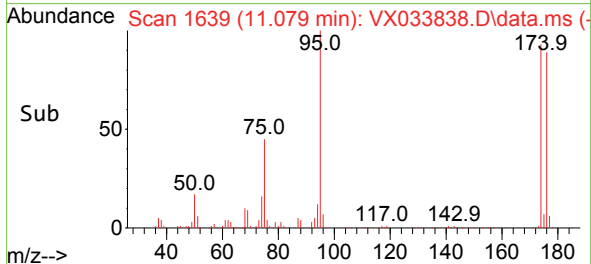
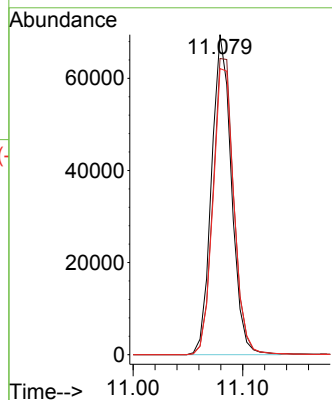
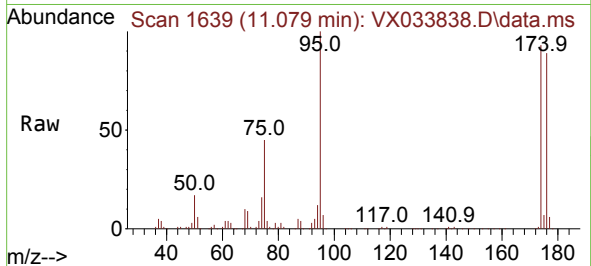




#62
4-Bromofluorobenzene
Concen: 45.634 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

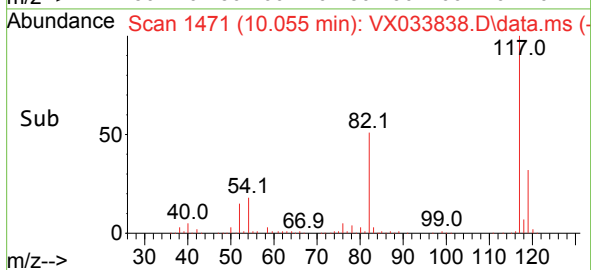
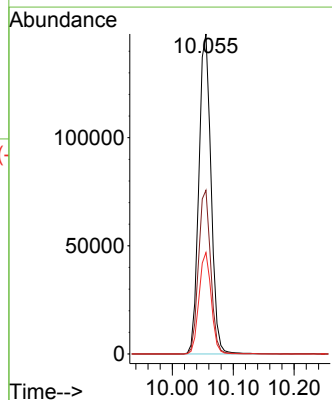
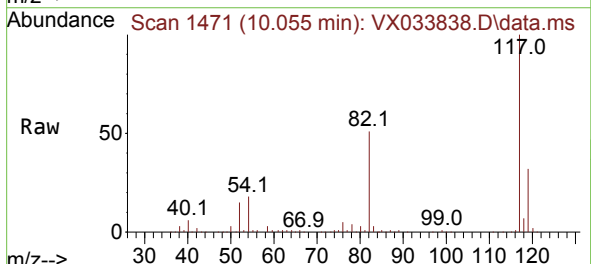
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

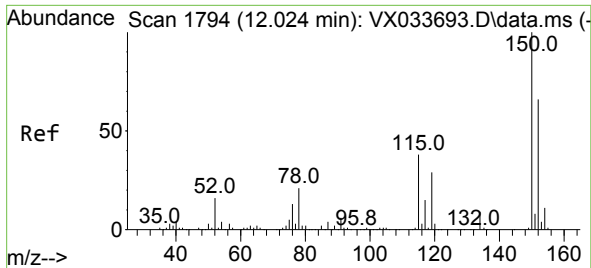
Tgt Ion: 95 Resp: 87794
Ion Ratio Lower Upper
95 100
174 97.1 0.0 184.4
176 94.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Tgt Ion: 117 Resp: 205440
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 31.7 25.6 38.4

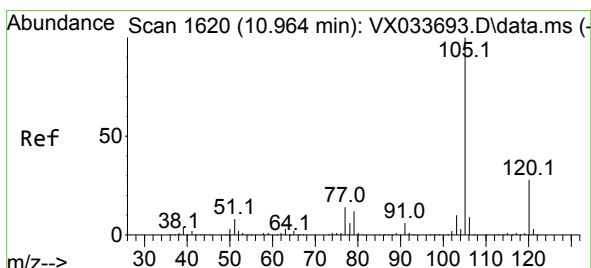
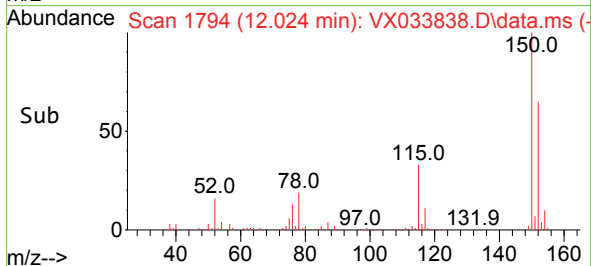
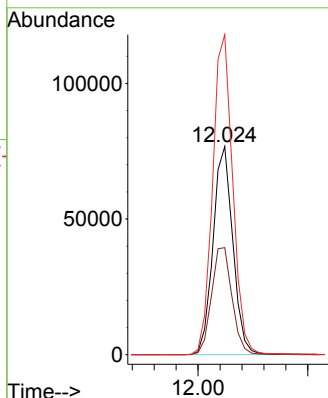
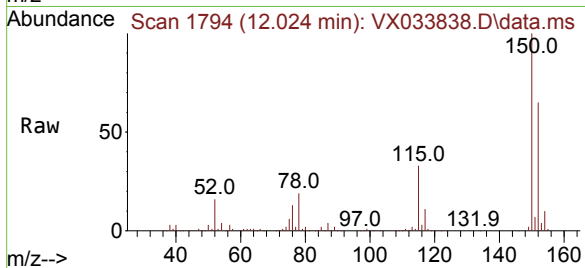




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

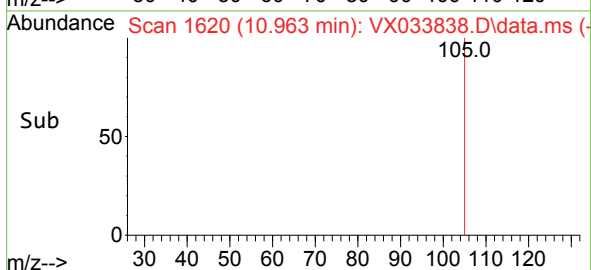
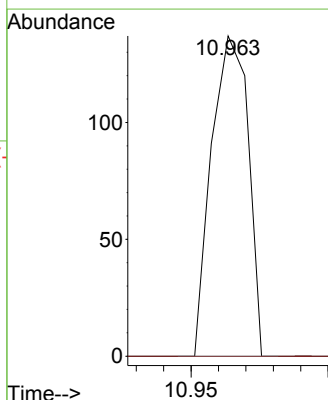
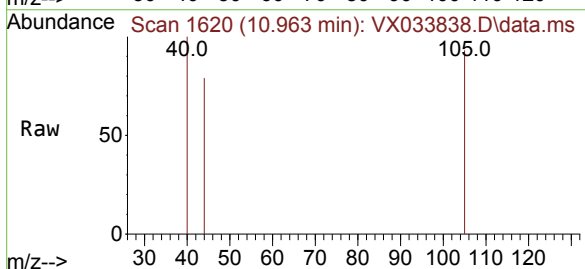
Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

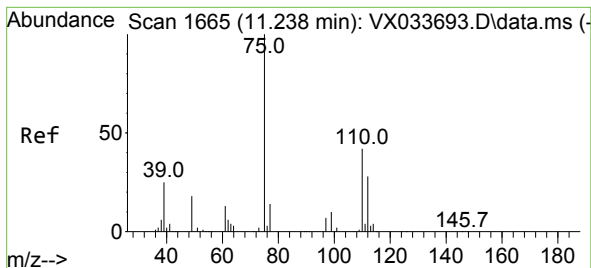
Tgt Ion:152 Resp: 96377
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 156.0 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Tgt Ion:105 Resp: 127
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 22.962 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033838.D

Acq: 23 Jan 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

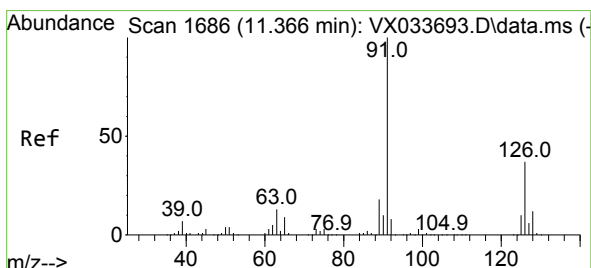
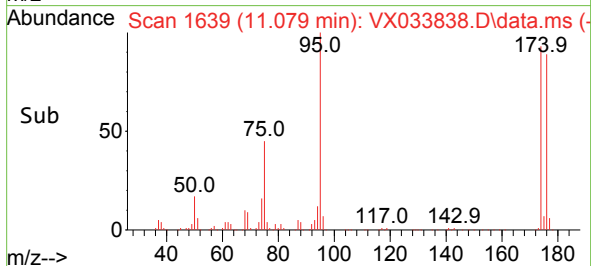
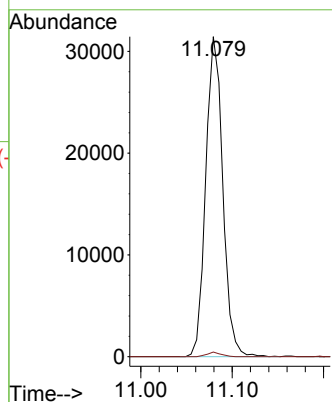
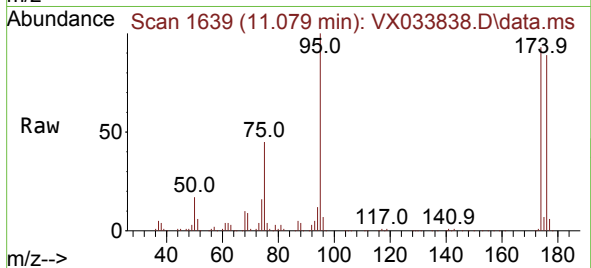
VX0123WBL01

Tgt Ion: 75 Resp: 40661

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.360 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VX033838.D

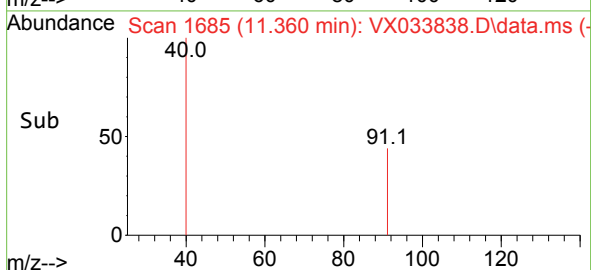
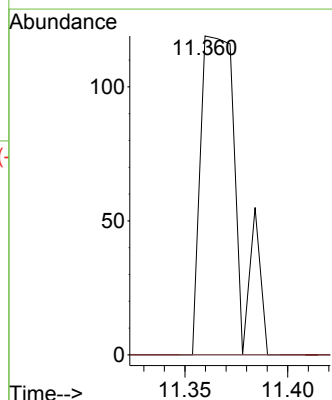
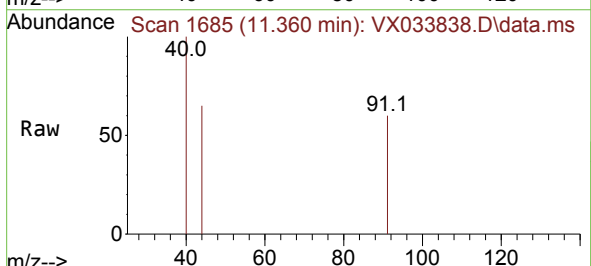
Acq: 23 Jan 2023 10:53

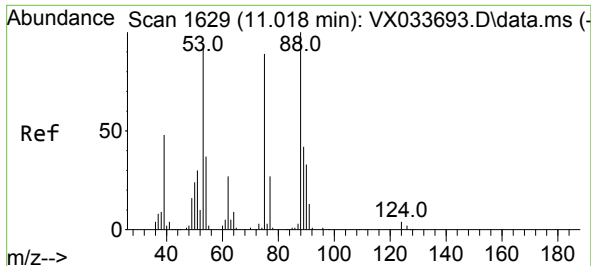
Tgt Ion: 91 Resp: 149

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

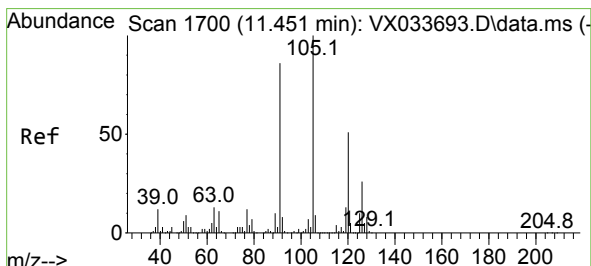
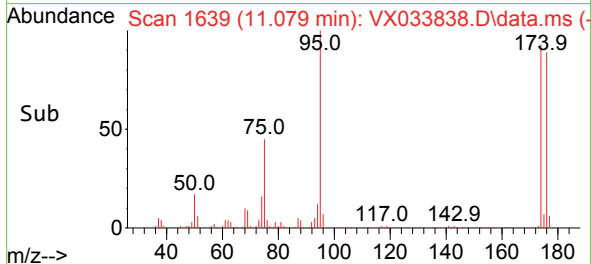
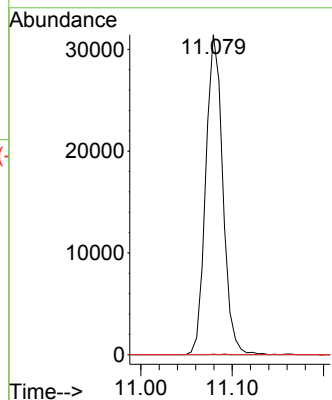
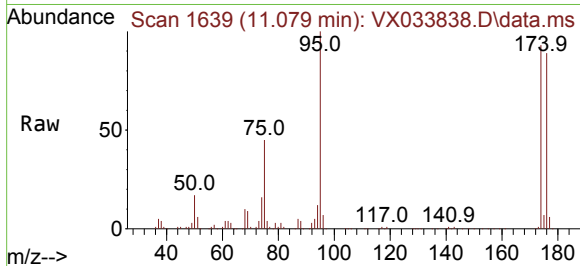




#81
trans-1,4-Dichloro-2-butene
Concen: 71.364 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0123WBL01

Tgt Ion: 75 Resp: 40661
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033838.D
Acq: 23 Jan 2023 10:53

Tgt Ion: 91 Resp: 238
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

