

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038118.D
 Acq On : 06 Oct 2023 10:16
 Operator : JC/MD
 Sample : VX1006WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBL01

Quant Time: Oct 07 04:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

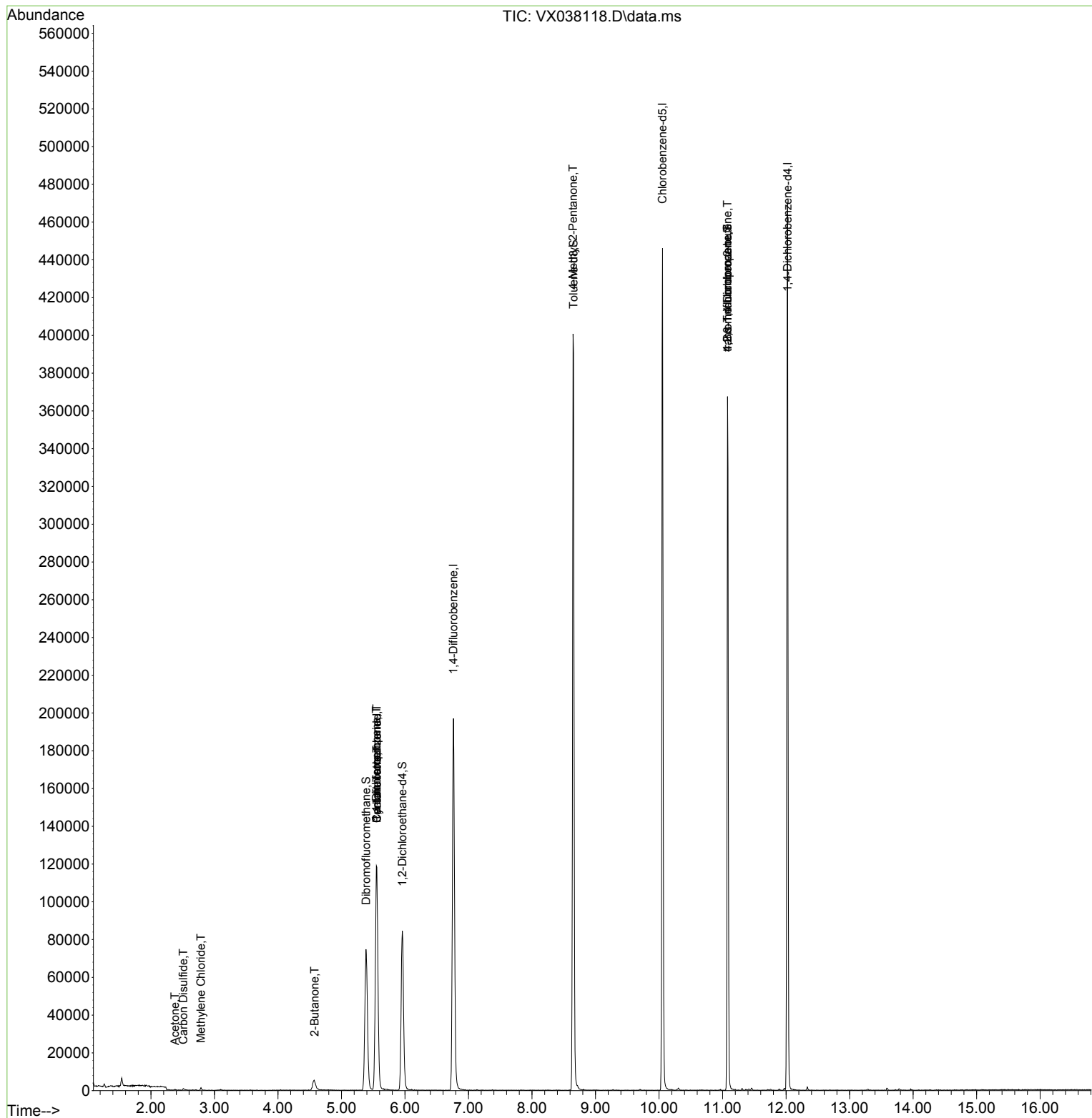
Internal Standards						
1) Pentafluorobenzene	5.556	168	110530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81739	45.977	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.960%		
35) Dibromofluoromethane	5.385	113	64028	45.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.160%		
50) Toluene-d8	8.653	98	247424	45.592	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.180%#		
62) 4-Bromofluorobenzene	11.079	95	91858	44.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.300%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.575	94	49	Below Cal	#	3
6) Chloroethane	1.703	64	159	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	75	Below Cal	#	78
16) Acetone	2.380	43	387	0.522	ug/l #	64
17) Carbon Disulfide	2.508	76	872	0.299	ug/l #	76
20) Methylene Chloride	2.788	84	474	0.340	ug/l	86
25) 2-Butanone	4.574	43	241	0.201	ug/l #	51
31) Cyclohexane	5.556	56	2851	1.480	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	9146	4.670	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11387	5.910	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1202	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51647	23.610	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51647	67.413	ug/l #	5

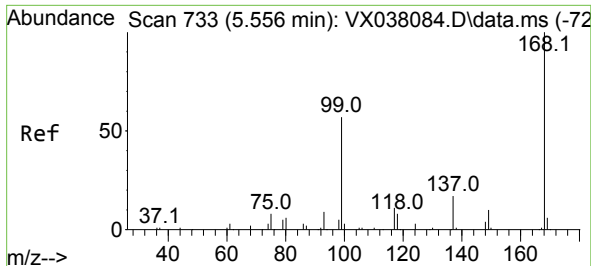
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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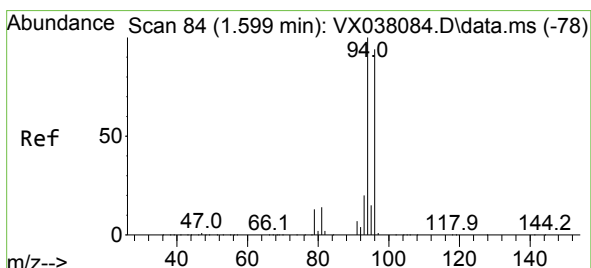
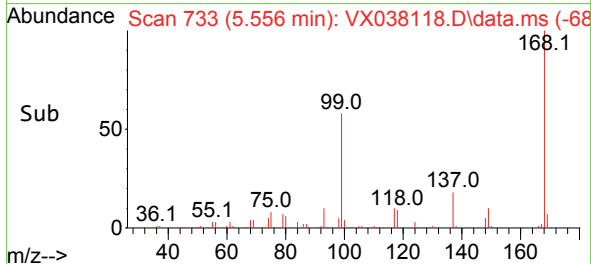
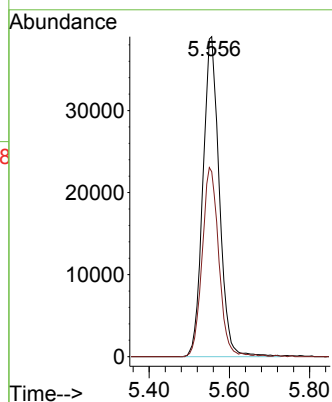
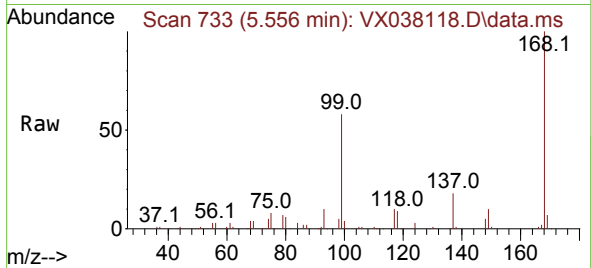




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

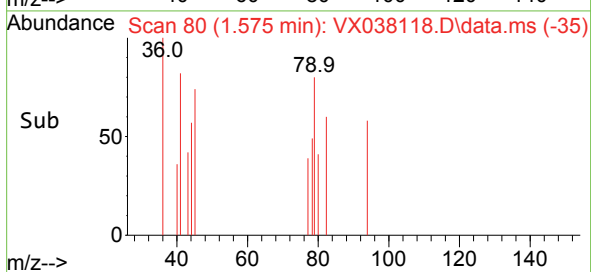
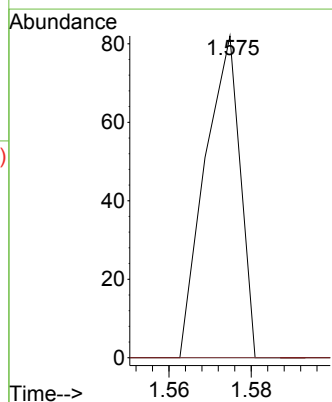
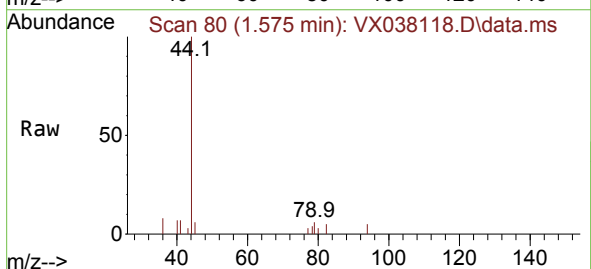
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

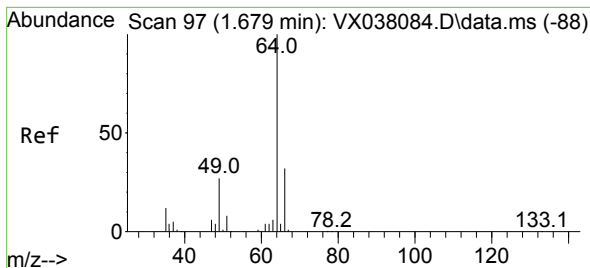
Tgt Ion:168 Resp: 110530
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Tgt Ion: 94 Resp: 49
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.703 min Scan# 101

Delta R.T. 0.024 min

Lab File: VX038118.D

Acq: 06 Oct 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

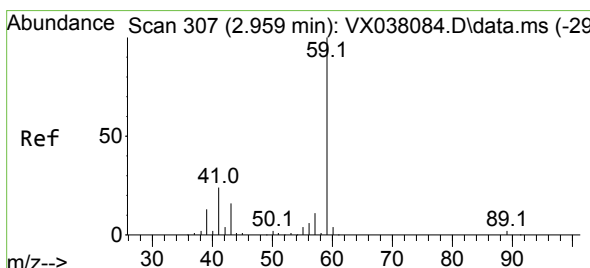
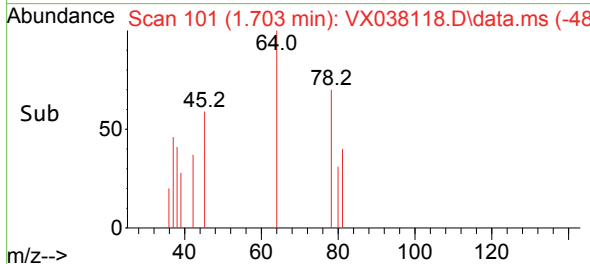
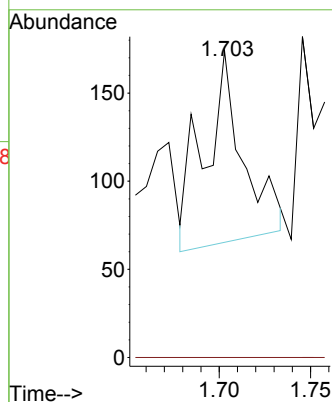
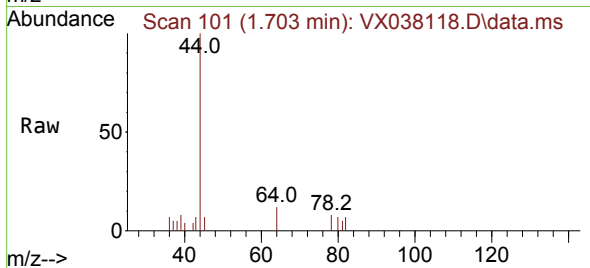
VX1006WBL01

Tgt Ion: 64 Resp: 159

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038118.D

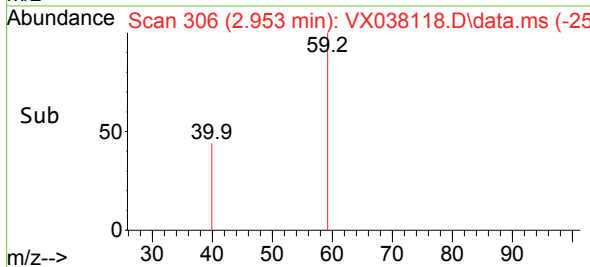
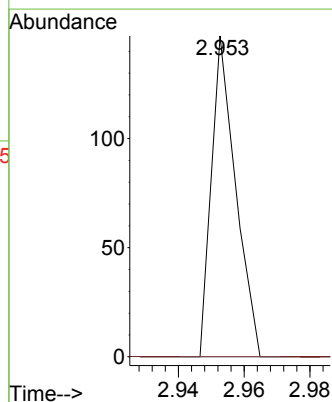
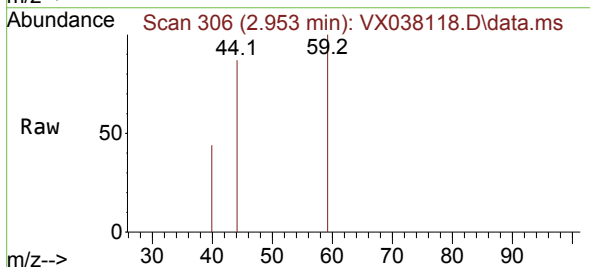
Acq: 06 Oct 2023 10:16

Tgt Ion: 59 Resp: 75

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

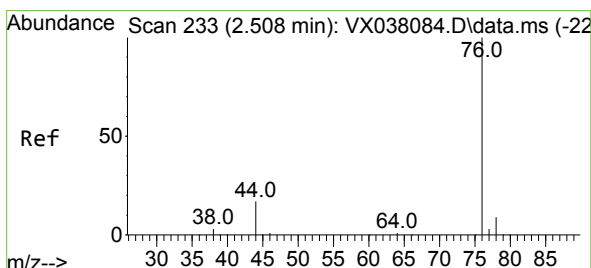
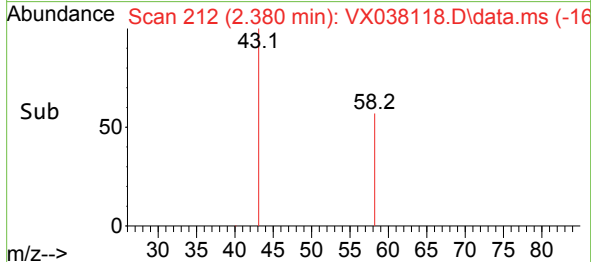
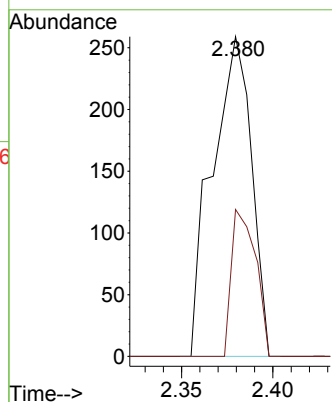
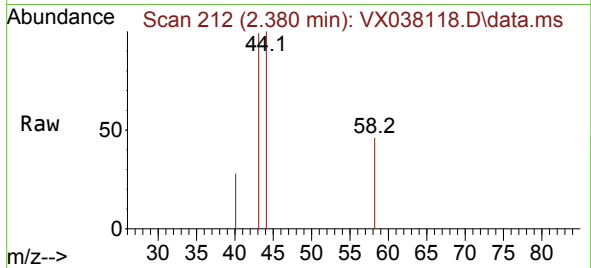




#16
Acetone
Concen: 0.522 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

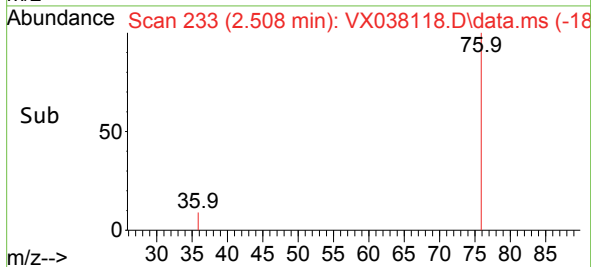
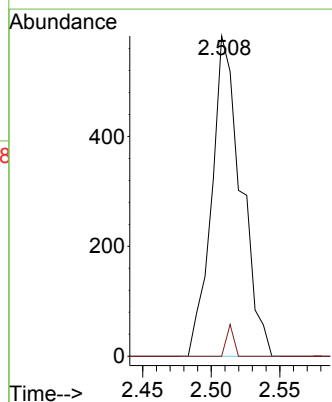
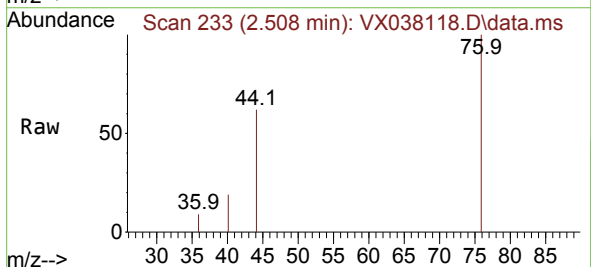
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

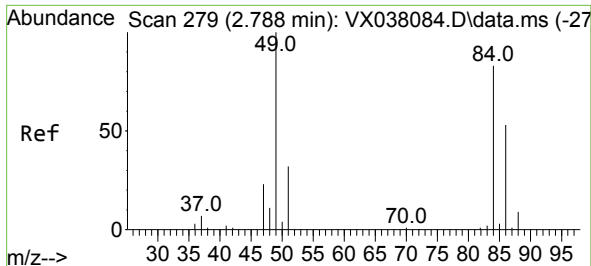
Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 45.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Tgt Ion: 76 Resp: 872
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: 0.340 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038118.D

Acq: 06 Oct 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01

Tgt Ion: 84 Resp: 474

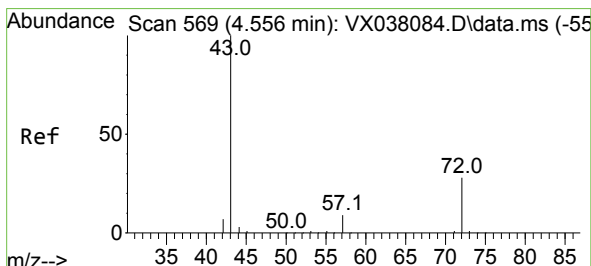
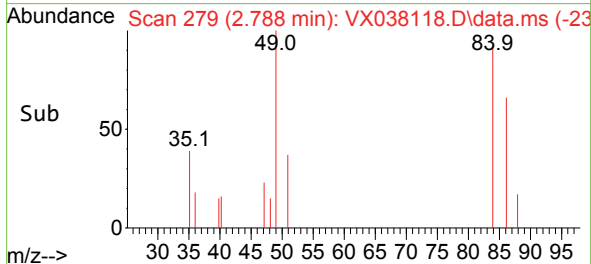
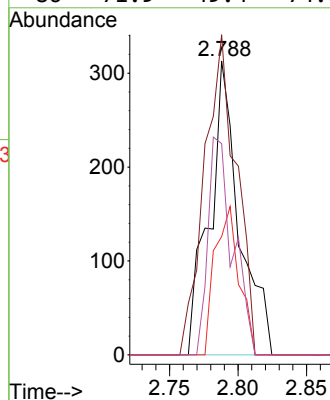
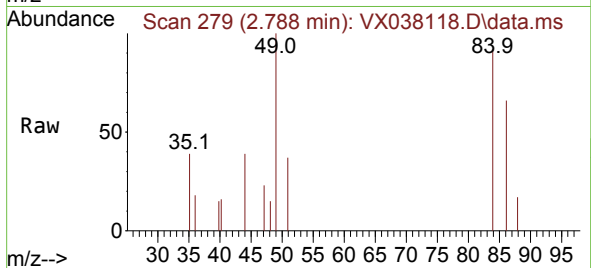
Ion Ratio Lower Upper

84 100

49 108.9 103.6 155.4

51 40.3 33.8 50.6

86 71.9 49.4 74.0



#25

2-Butanone

Concen: 0.201 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX038118.D

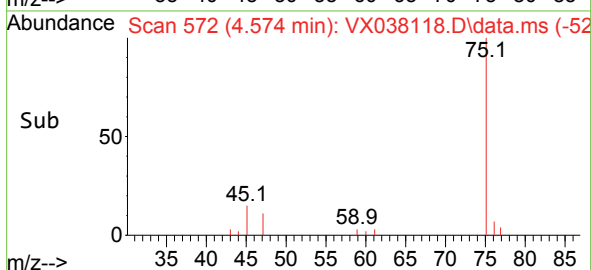
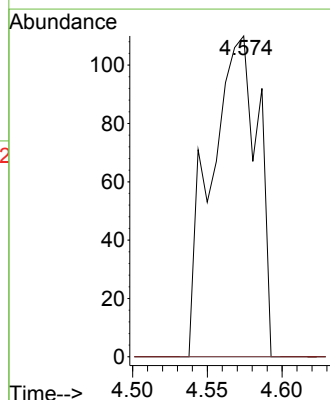
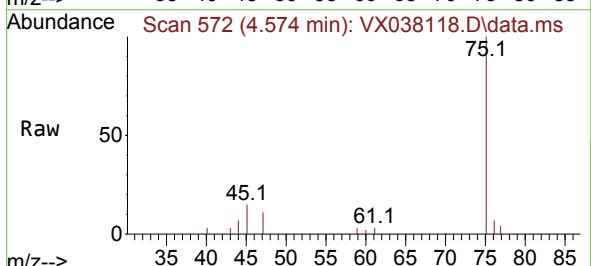
Acq: 06 Oct 2023 10:16

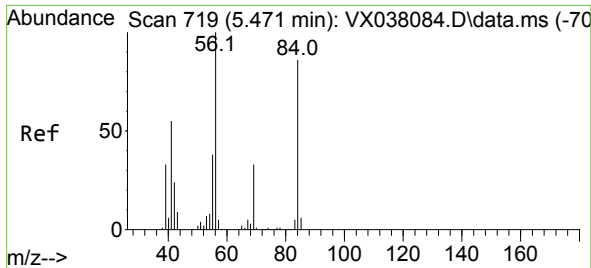
Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

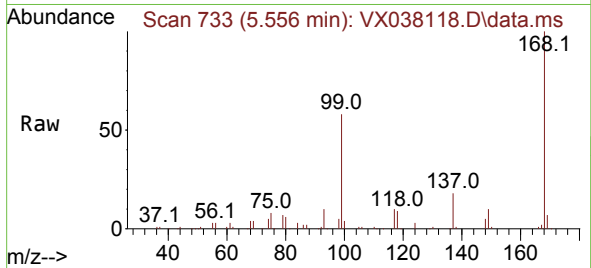
72 0.0 19.4 29.2#



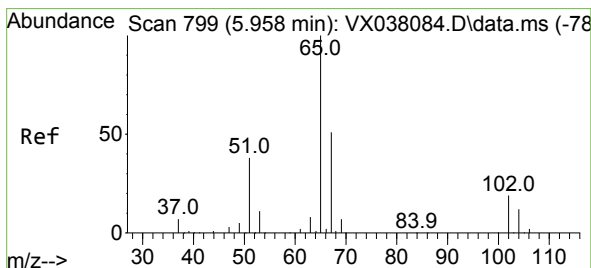
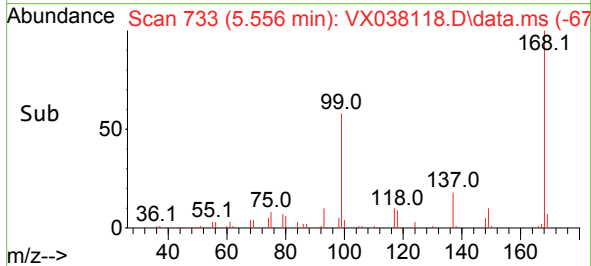
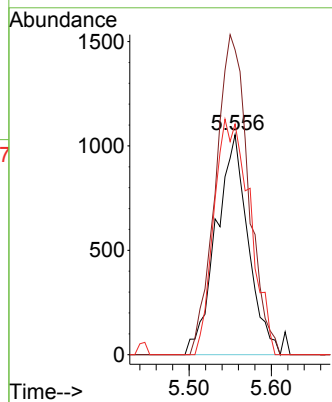


#31
Cyclohexane
Concen: 1.480 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

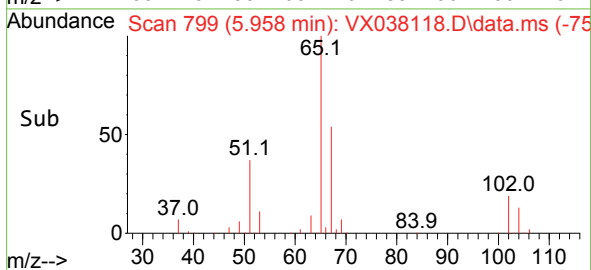
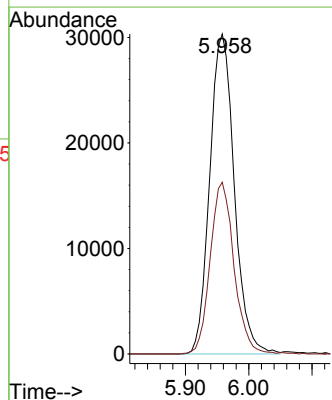
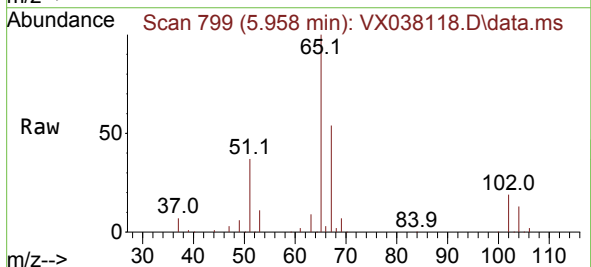


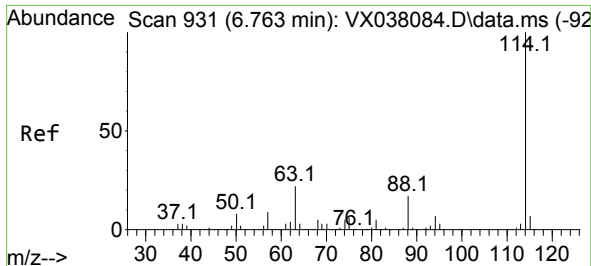
Tgt Ion: 56 Resp: 2851
Ion Ratio Lower Upper
56 100
69 138.5 23.4 35.2#
84 104.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.977 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Tgt Ion: 65 Resp: 81739
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

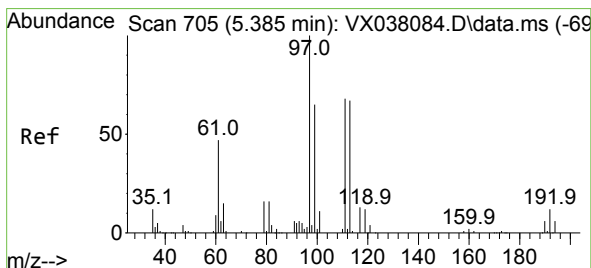
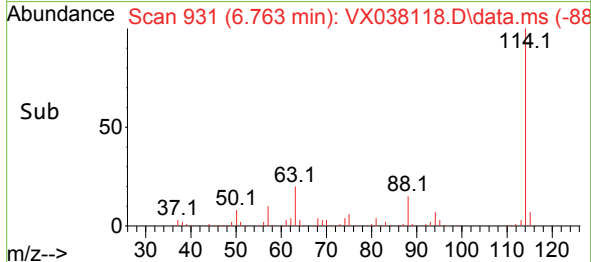
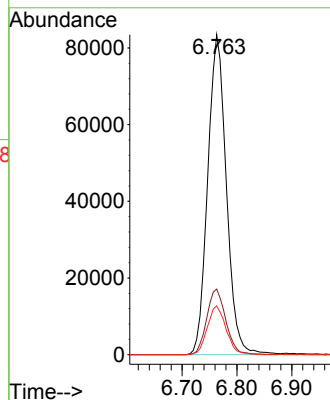
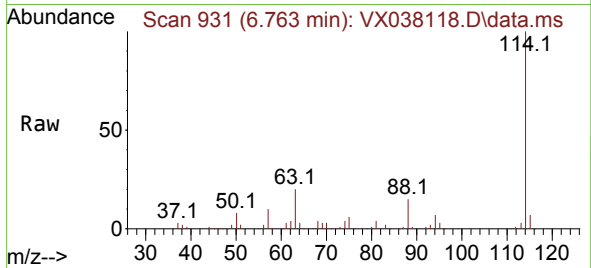




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

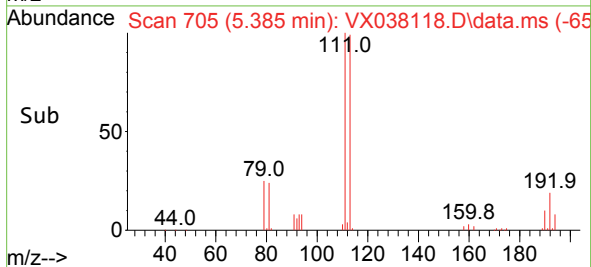
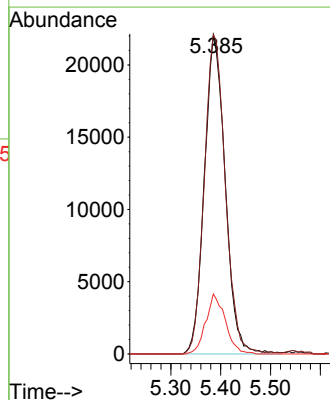
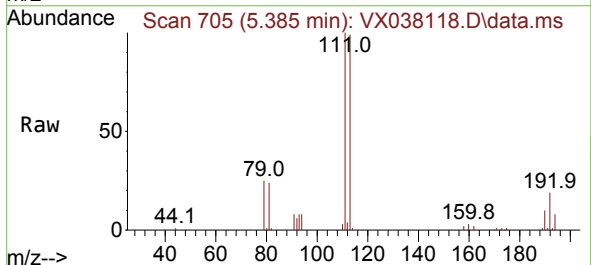
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

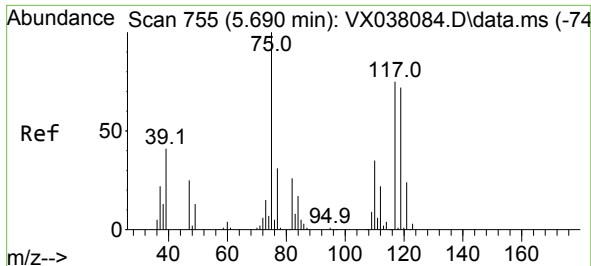
Tgt Ion:114 Resp: 197097
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Tgt Ion:113 Resp: 64028
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 17.7 13.3 19.9

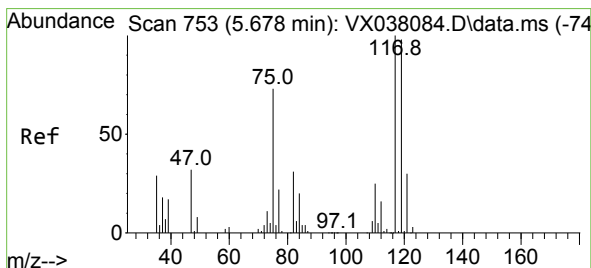
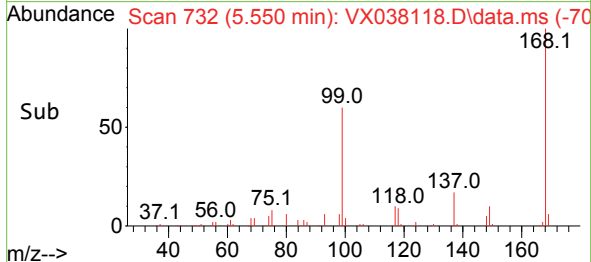
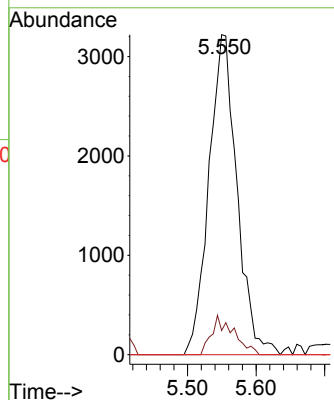
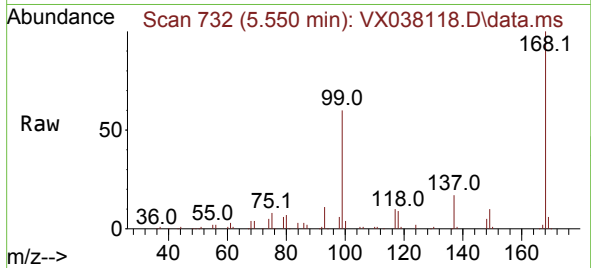




#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

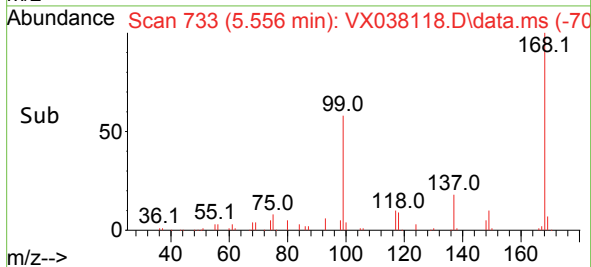
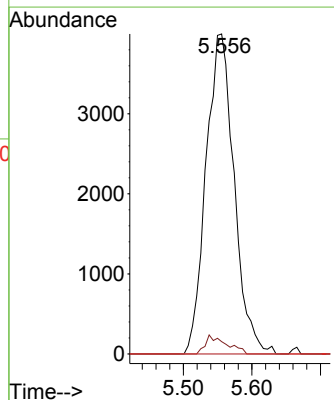
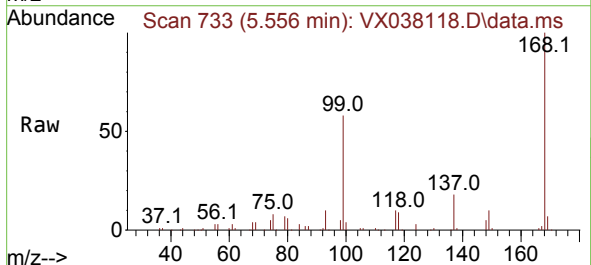
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

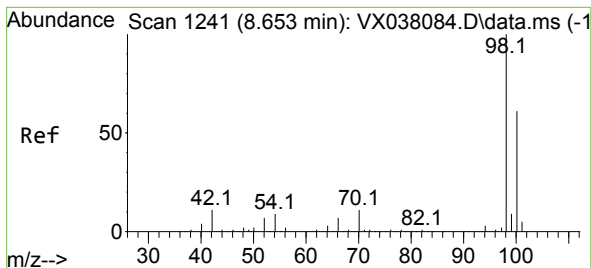
Tgt Ion: 75 Resp: 9146
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Tgt Ion: 117 Resp: 11387
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.592 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038118.D

Acq: 06 Oct 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

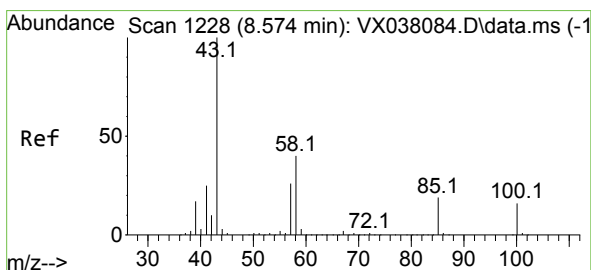
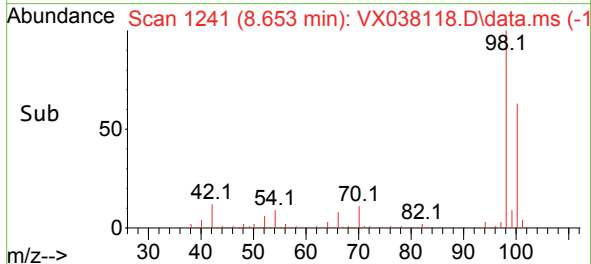
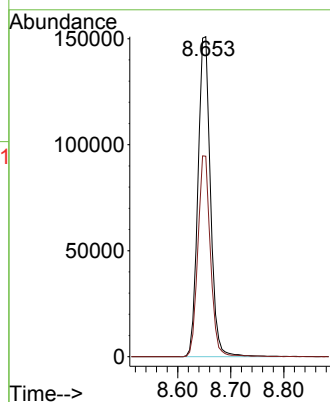
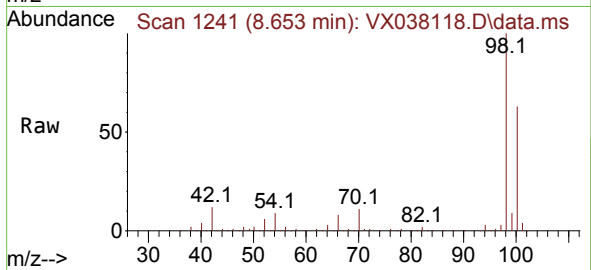
VX1006WBL01

Tgt Ion: 98 Resp: 247424

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.502 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038118.D

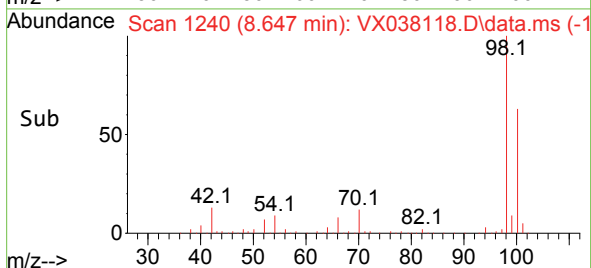
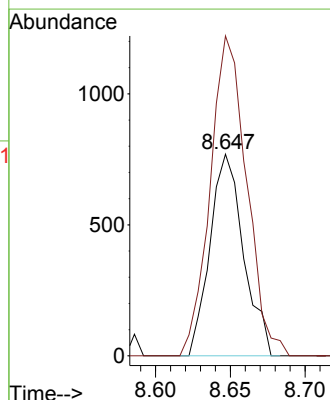
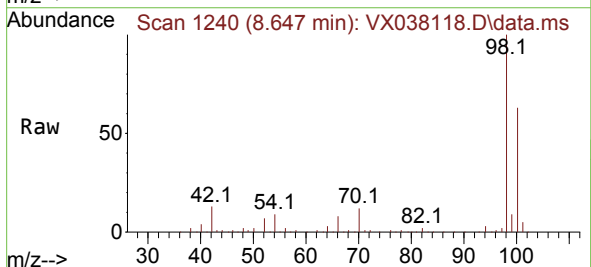
Acq: 06 Oct 2023 10:16

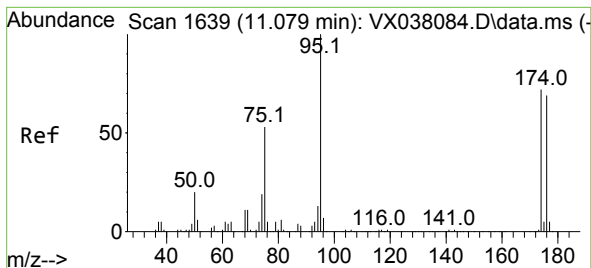
Tgt Ion: 43 Resp: 1202

Ion Ratio Lower Upper

43 100

58 172.3 30.4 45.6#

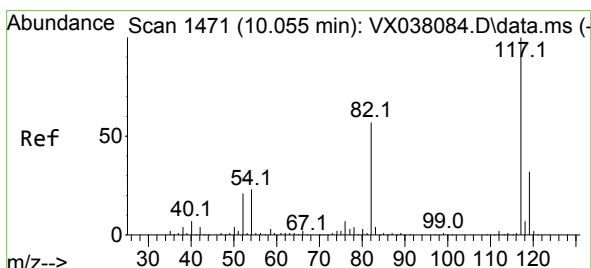
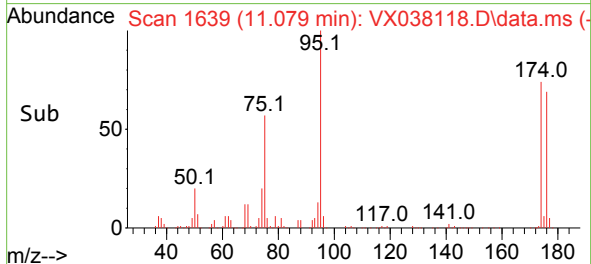
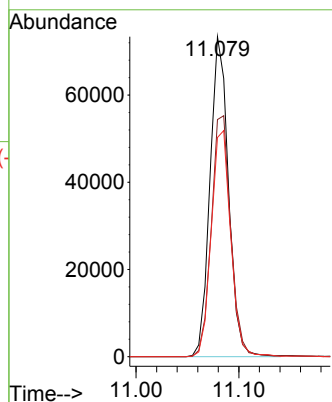
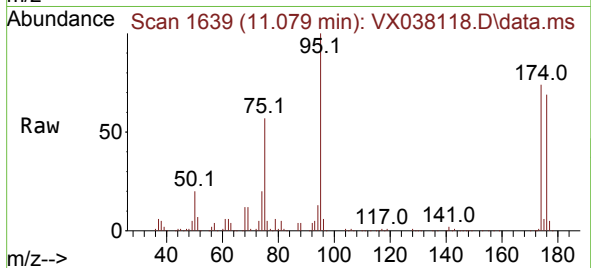




#62
4-Bromofluorobenzene
Concen: 44.647 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

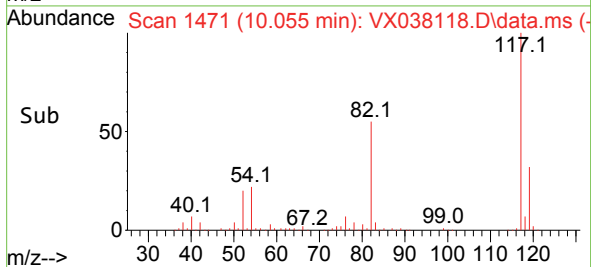
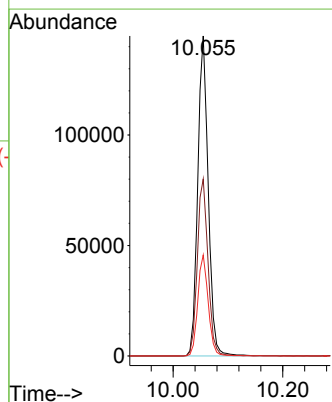
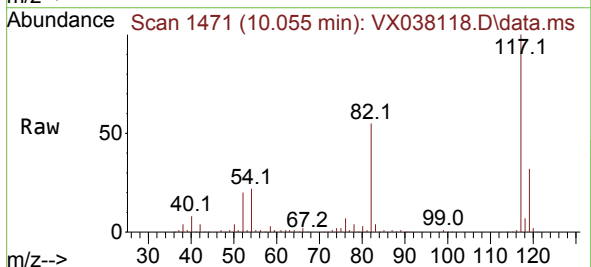
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

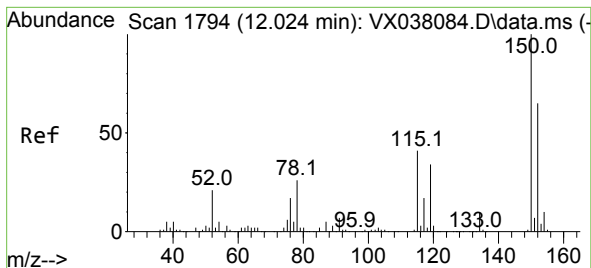
Tgt Ion: 95 Resp: 91858
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 74.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038118.D
Acq: 06 Oct 2023 10:16

Tgt Ion: 117 Resp: 193261
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038118.D

Acq: 06 Oct 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01

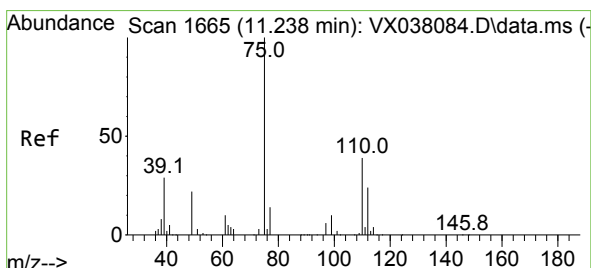
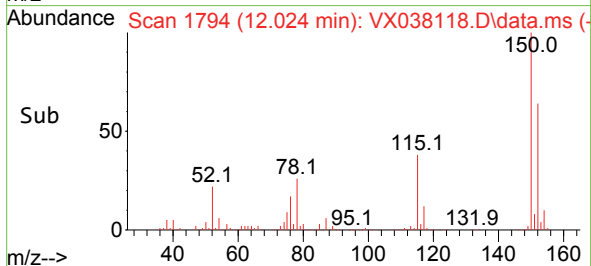
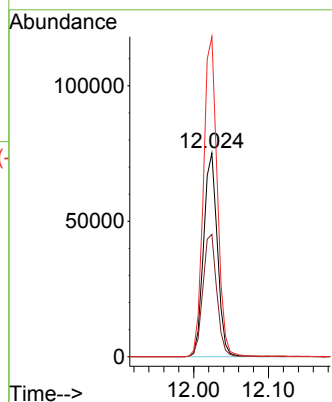
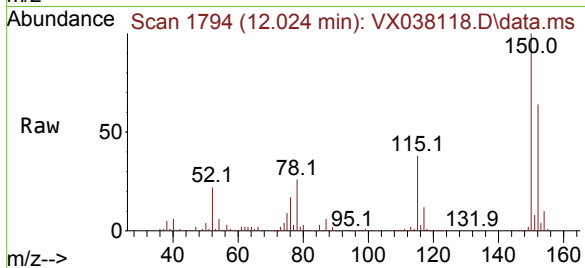
Tgt Ion:152 Resp: 96221

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038118.D

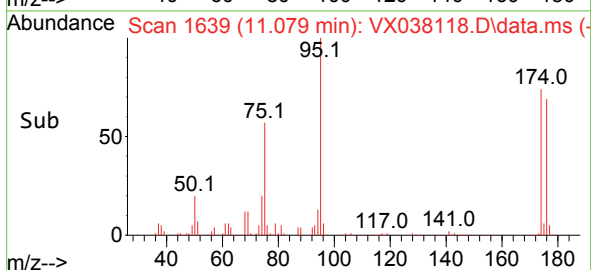
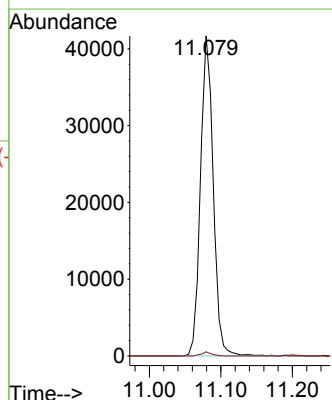
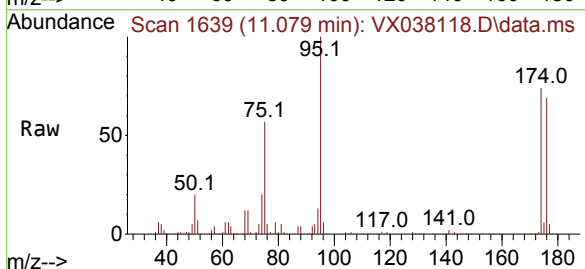
Acq: 06 Oct 2023 10:16

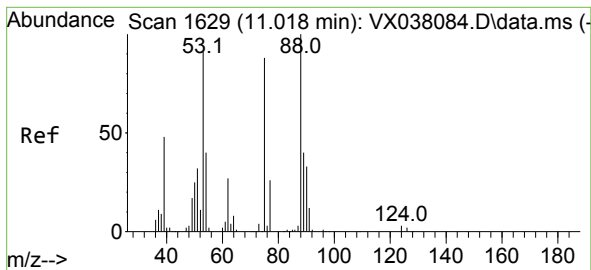
Tgt Ion: 75 Resp: 51647

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.413 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038118.D
 Acq: 06 Oct 2023 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBL01

Tgt Ion: 75 Resp: 51647
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

