

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038180.D
 Acq On : 09 Oct 2023 18:29
 Operator : JC/MD
 Sample : 04713-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1-37-40

Quant Time: Oct 10 01:00:31 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)

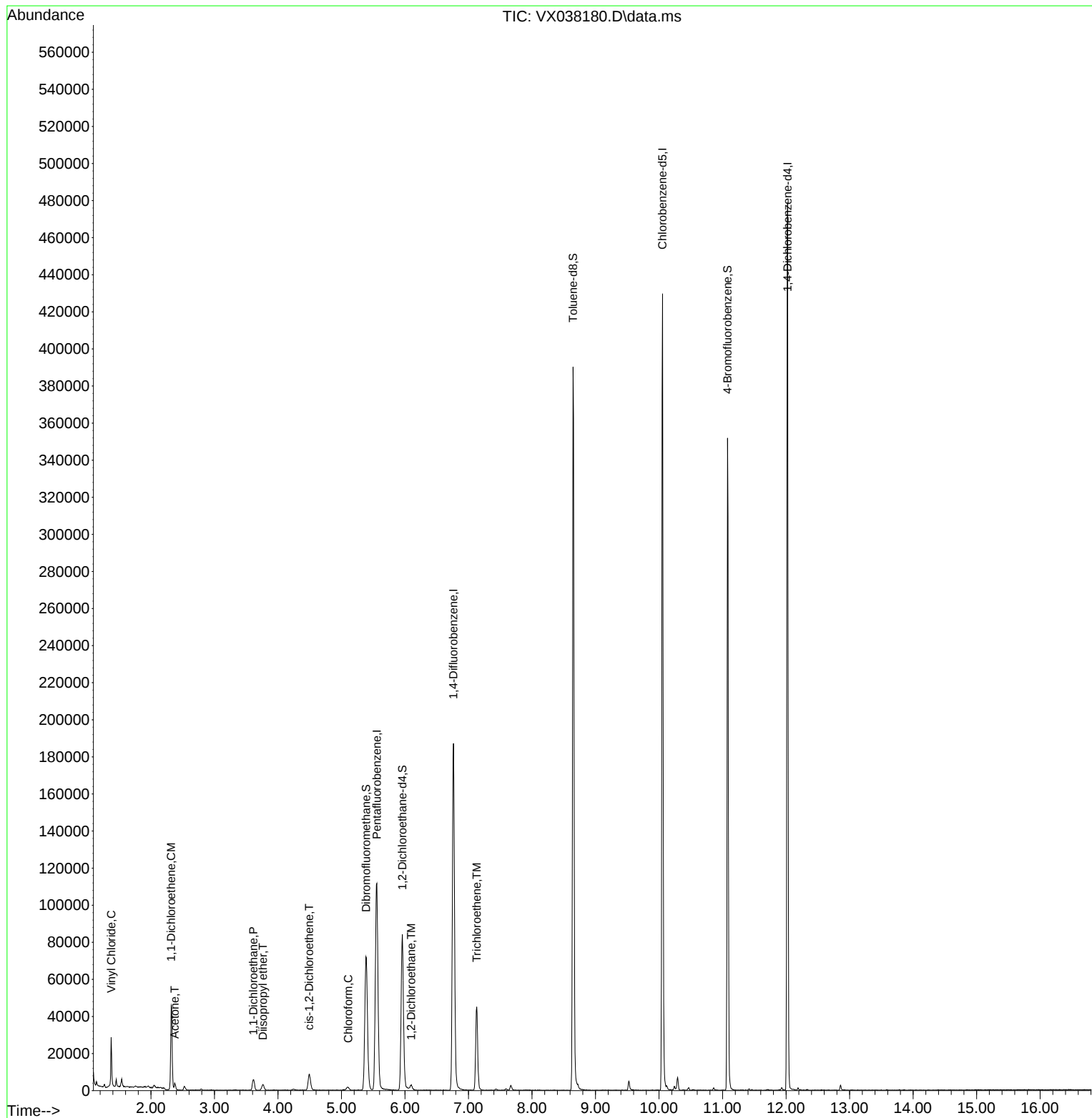
Internal Standards						
1) Pentafluorobenzene	5.556	168	106341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79498	46.478	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.960%
35) Dibromofluoromethane	5.385	113	62065	44.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.940%
50) Toluene-d8	8.647	98	235452	44.644	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.280%#
62) 4-Bromofluorobenzene	11.079	95	89119	44.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.140%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	14970	12.906	ug/l	98
12) 1,1-Dichloroethene	2.319	96	15270	15.695	ug/l	90
16) Acetone	2.373	43	3665	5.134	ug/l #	86
22) Diisopropyl ether	3.763	45	2976	0.816	ug/l #	74
24) 1,1-Dichloroethane	3.611	63	6884	3.110	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	5728	3.993	ug/l	81
30) Chloroform	5.105	83	2007	0.829	ug/l #	84
42) 1,2-Dichloroethane	6.098	62	3182	1.496	ug/l	93
44) Trichloroethene	7.129	130	16921	12.153	ug/l	94

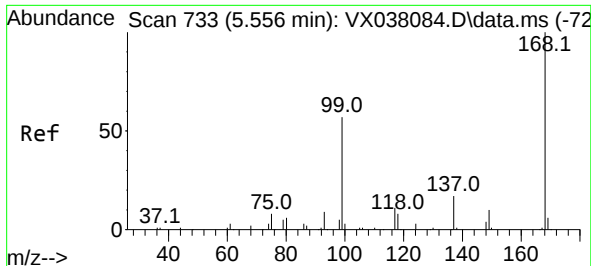
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

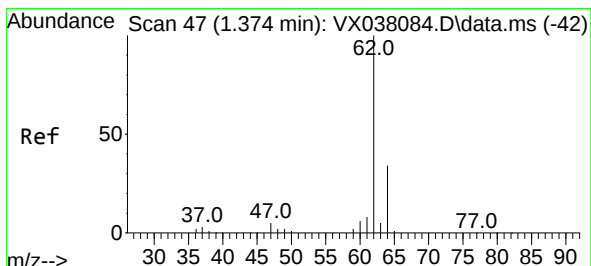
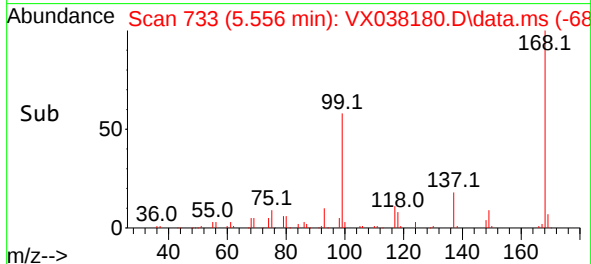
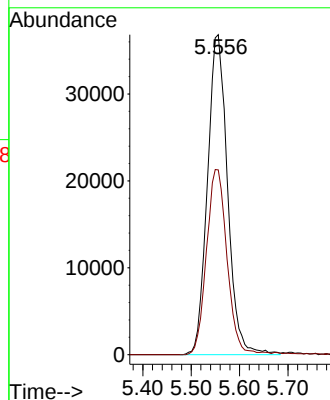
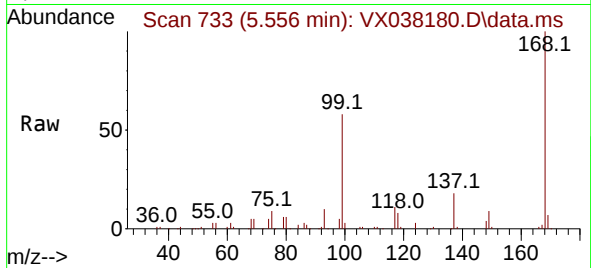




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

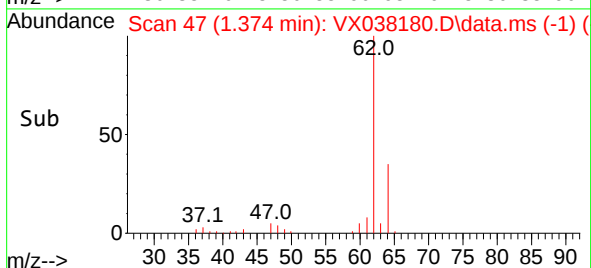
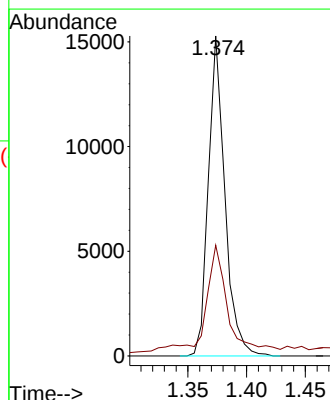
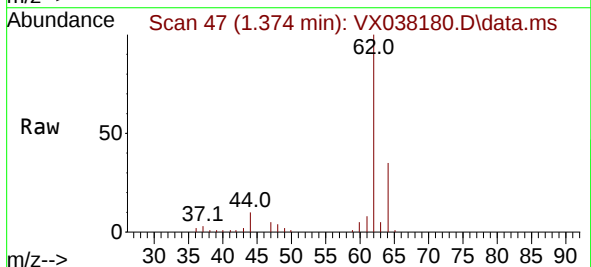
Instrument :
MSVOA_X
ClientSampleId :
GW-1-37-40

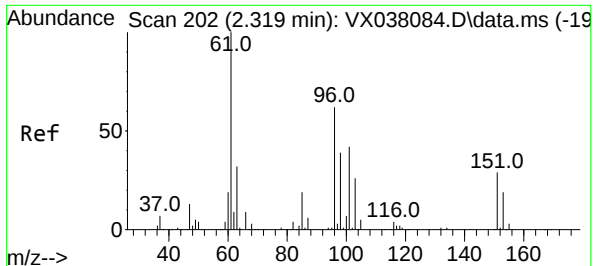
Tgt Ion:168 Resp: 106341
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#4
Vinyl Chloride
Concen: 12.906 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

Tgt Ion: 62 Resp: 14970
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#12

1,1-Dichloroethene

Concen: 15.695 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX038180.D

Acq: 09 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

GW-1-37-40

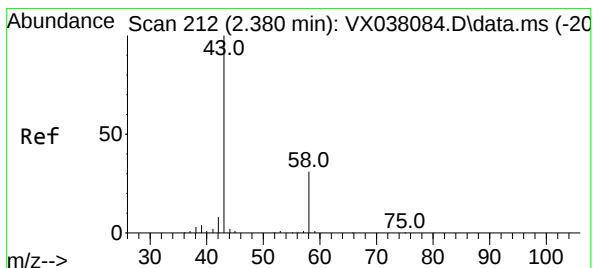
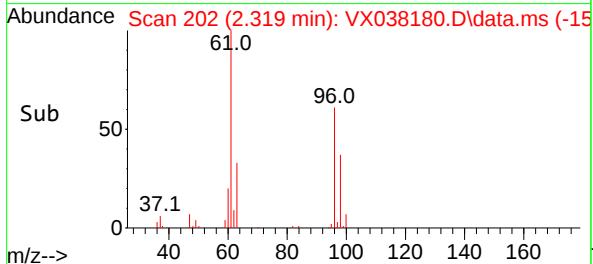
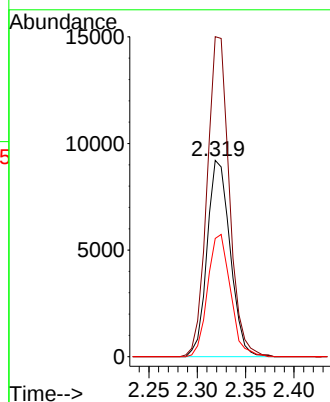
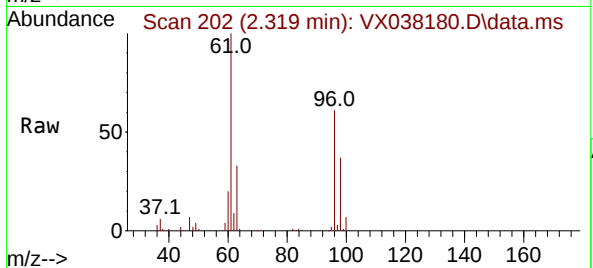
Tgt Ion: 96 Resp: 15270

Ion Ratio Lower Upper

96 100

61 163.0 144.6 216.8

98 60.2 50.4 75.6



#16

Acetone

Concen: 5.134 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX038180.D

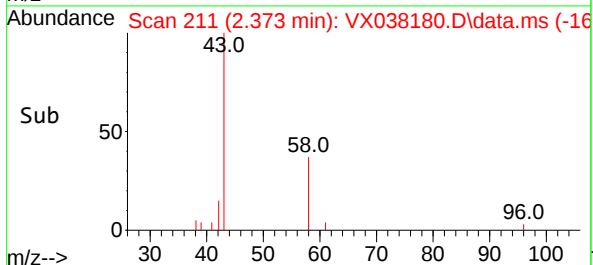
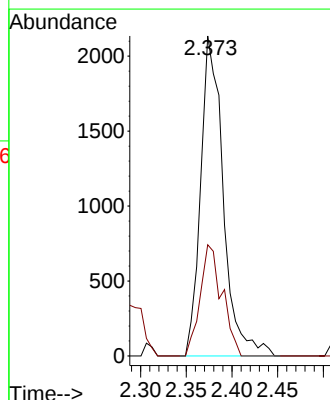
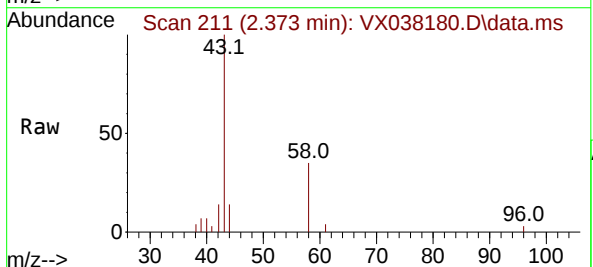
Acq: 09 Oct 2023 18:29

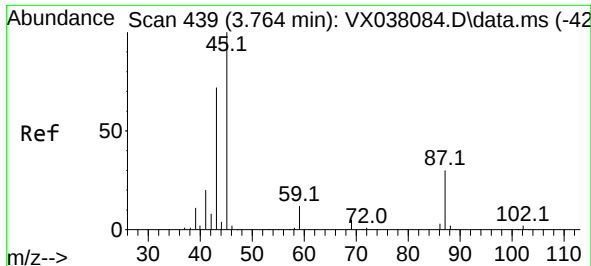
Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

58 34.8 21.9 32.9#

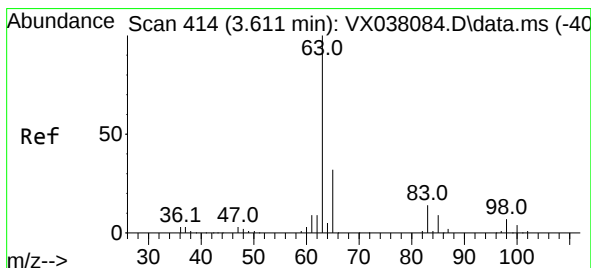
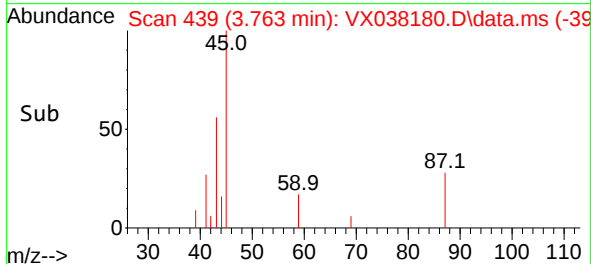
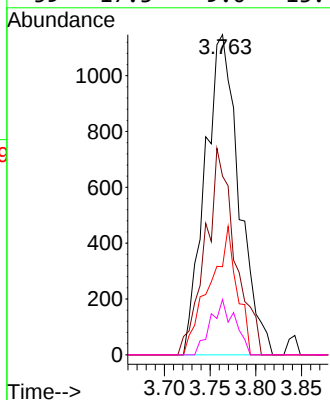
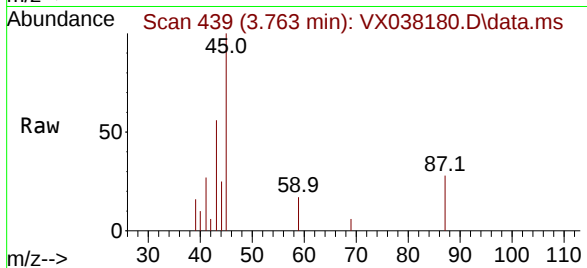




#22
Diisopropyl ether
Concen: 0.816 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

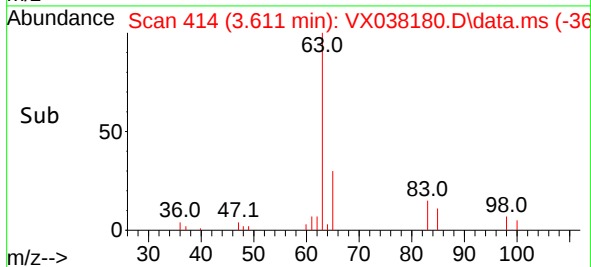
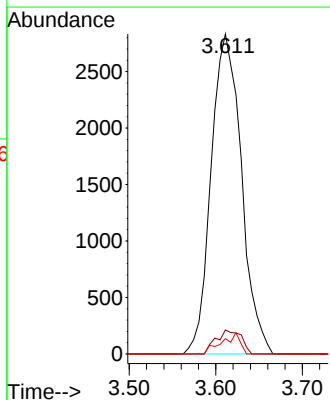
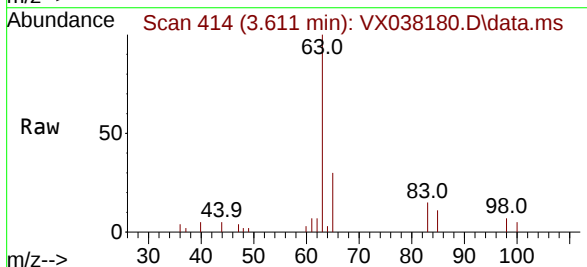
Instrument :
MSVOA_X
ClientSampleId :
GW-1-37-40

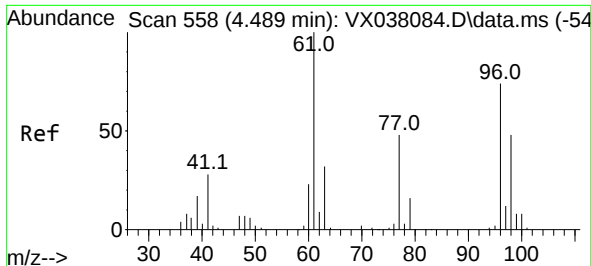
Tgt Ion:	45	Resp:	2976
Ion	Ratio	Lower	Upper
45	100		
43	55.8	69.7	104.5#
87	27.6	20.8	31.2
59	17.3	9.0	13.4#



#24
1,1-Dichloroethane
Concen: 3.110 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

Tgt Ion:	63	Resp:	6884
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.3	9.8
100	4.8	2.1	6.5

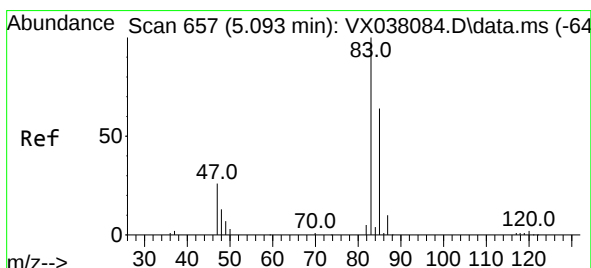
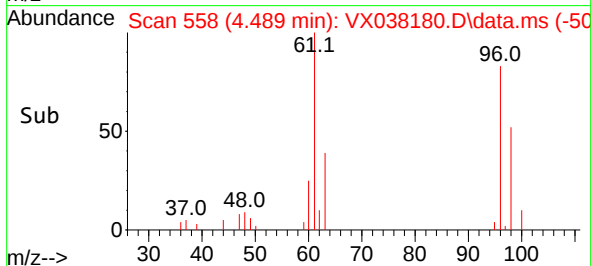
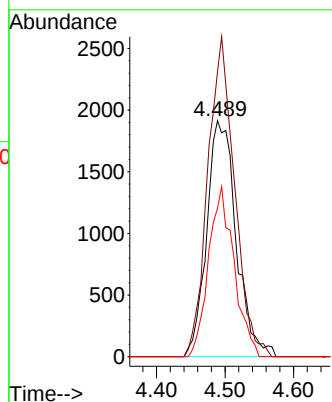
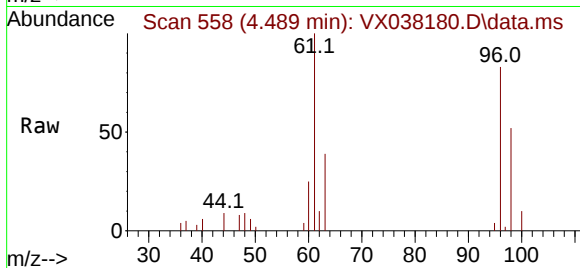




#27
 cis-1,2-Dichloroethene
 Concen: 3.993 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX038180.D
 Acq: 09 Oct 2023 18:29

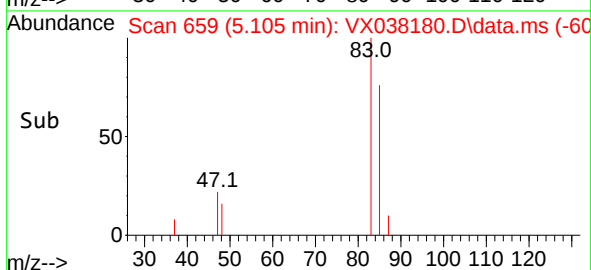
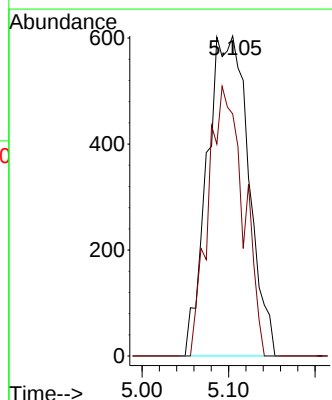
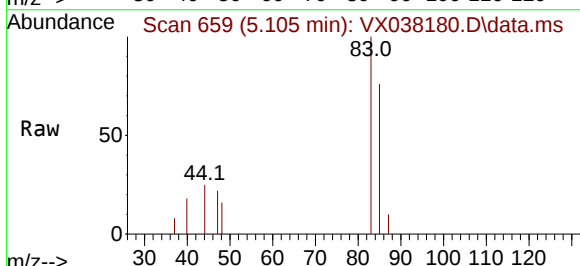
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1-37-40

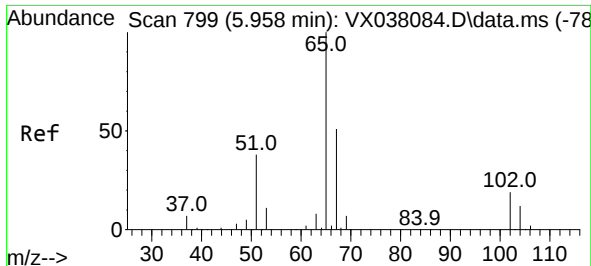
Tgt Ion: 96	Resp: 5728		
Ion	Ratio	Lower	Upper
96	100		
61	122.9	0.0	312.2
98	61.9	0.0	129.0



#30
 Chloroform
 Concen: 0.829 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.012 min
 Lab File: VX038180.D
 Acq: 09 Oct 2023 18:29

Tgt Ion: 83	Resp: 2007
Ion Ratio	Lower Upper
83 100	
85 75.7	50.3 75.5#

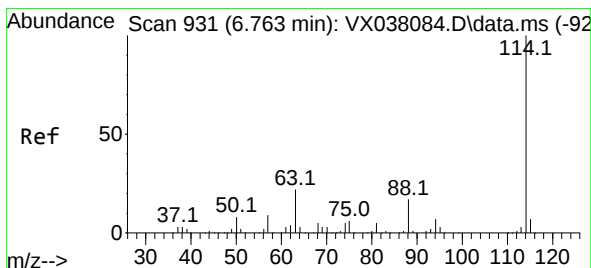
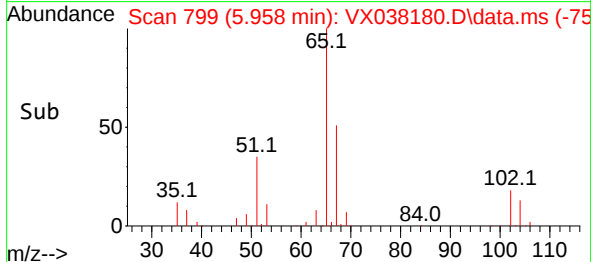
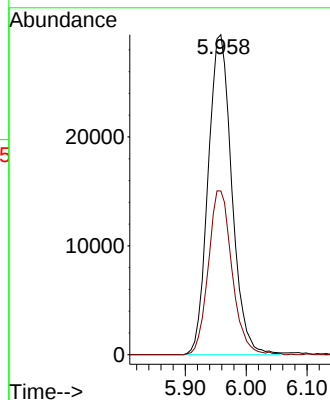
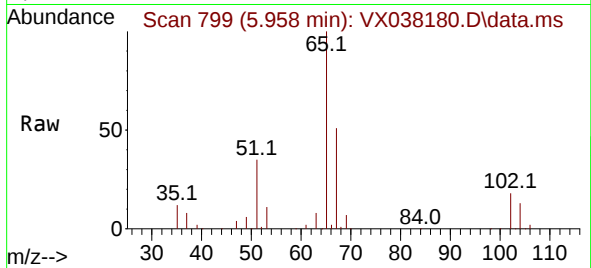




#33
 1,2-Dichloroethane-d4
 Concen: 46.478 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038180.D
 Acq: 09 Oct 2023 18:29

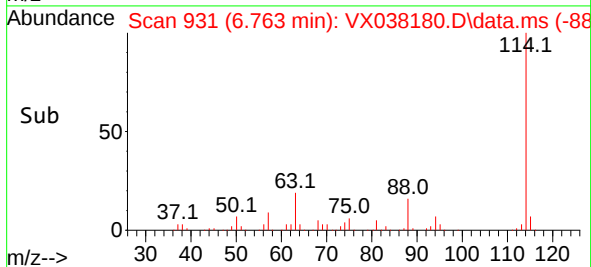
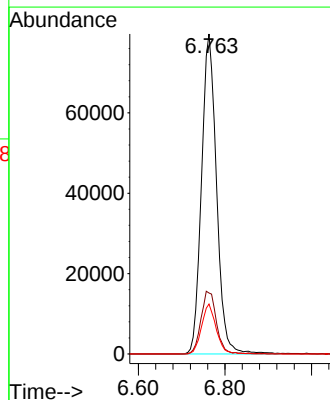
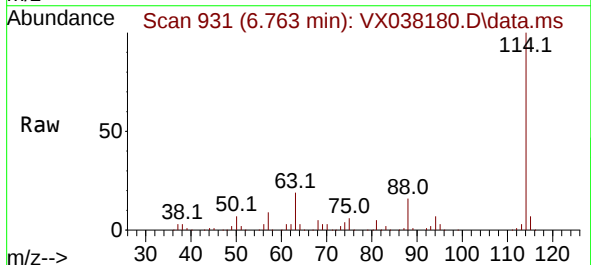
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1-37-40

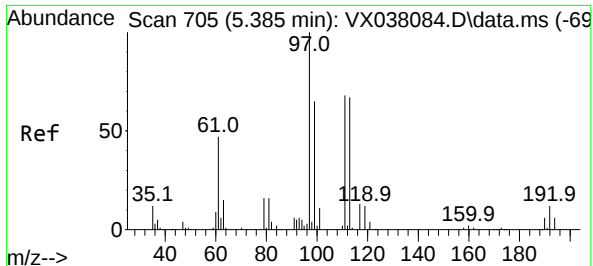
Tgt Ion: 65 Resp: 79498
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038180.D
 Acq: 09 Oct 2023 18:29

Tgt Ion: 114 Resp: 191541
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 15.6 0.0 36.6

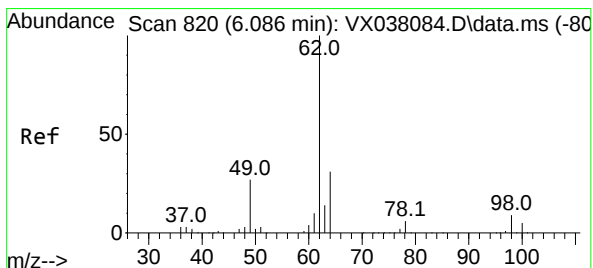
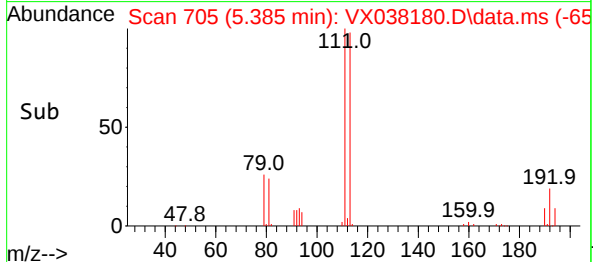
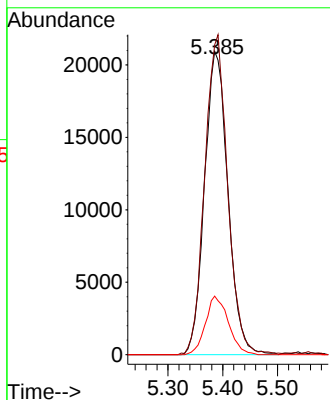
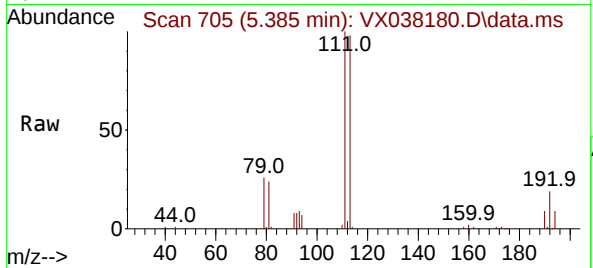




#35
Dibromofluoromethane
Concen: 44.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

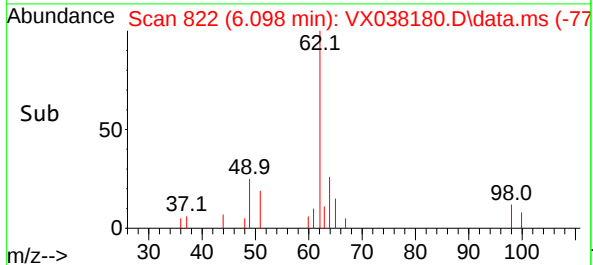
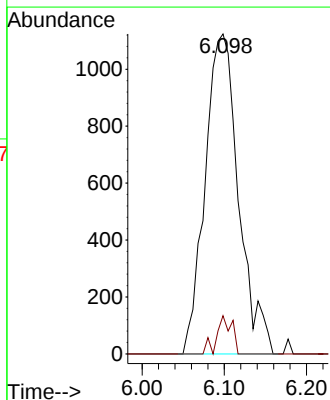
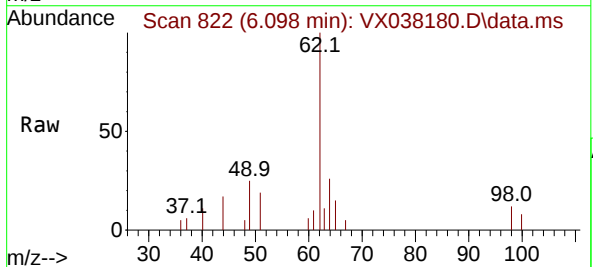
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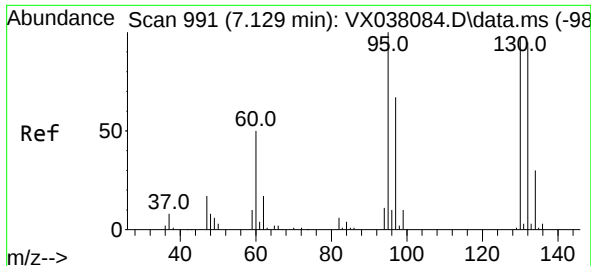
Tgt Ion:113 Resp: 62065
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.9 13.3 19.9



#42
1,2-Dichloroethane
Concen: 1.496 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

Tgt Ion: 62 Resp: 3182
Ion Ratio Lower Upper
62 100
98 5.4 0.0 16.0

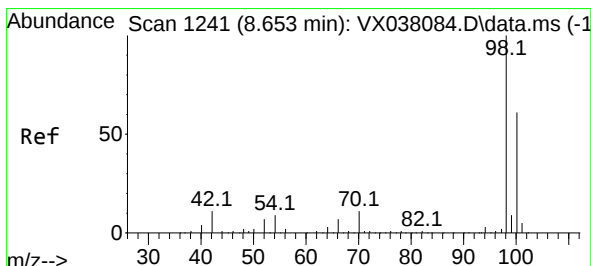
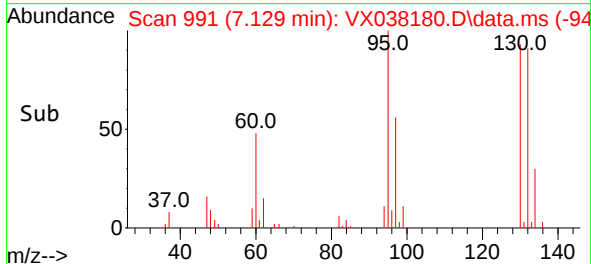
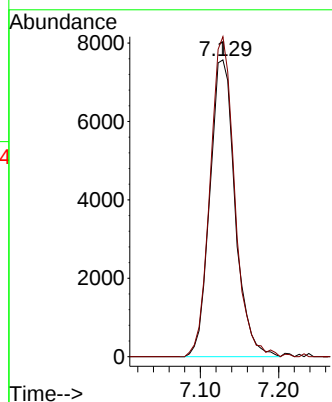
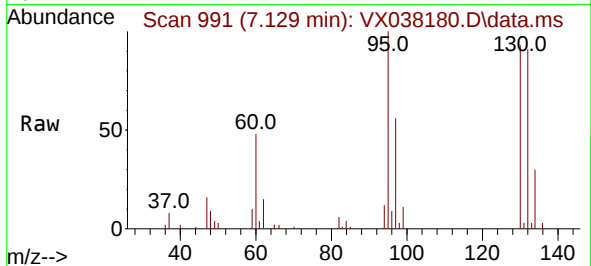




#44
Trichloroethene
Concen: 12.153 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

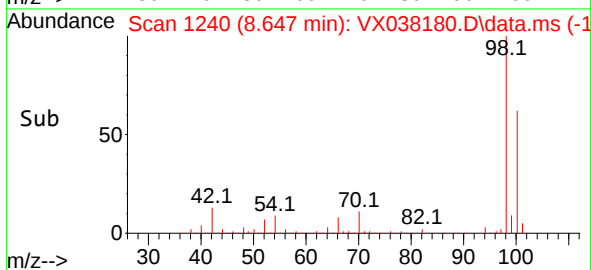
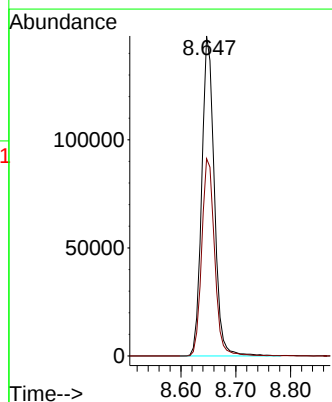
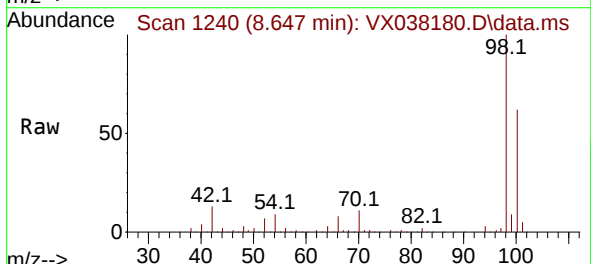
Instrument :
MSVOA_X
ClientSampleId :
GW-1-37-40

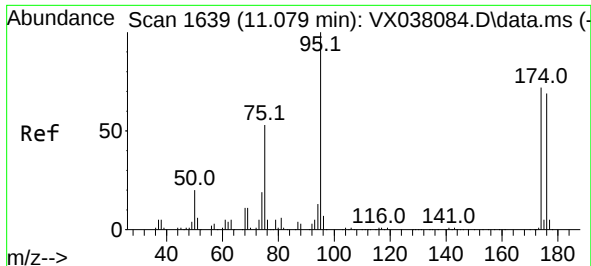
Tgt Ion:130 Resp: 16921
Ion Ratio Lower Upper
130 100
95 107.8 0.0 204.4



#50
Toluene-d8
Concen: 44.644 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

Tgt Ion: 98 Resp: 235452
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

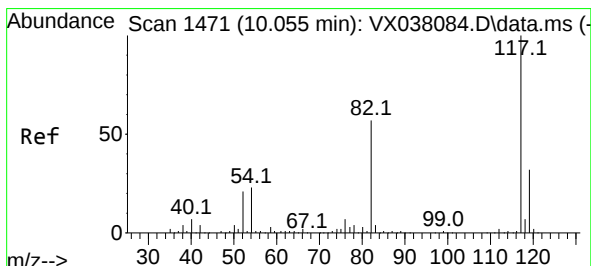
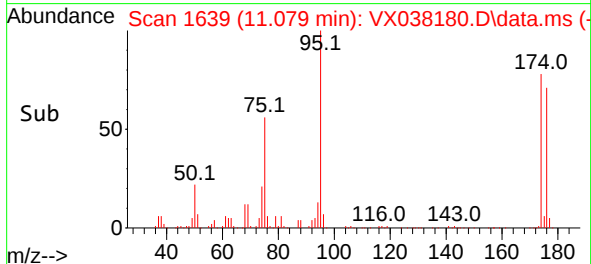
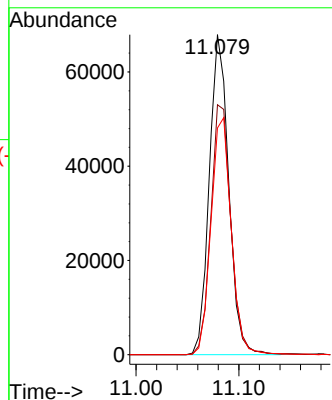
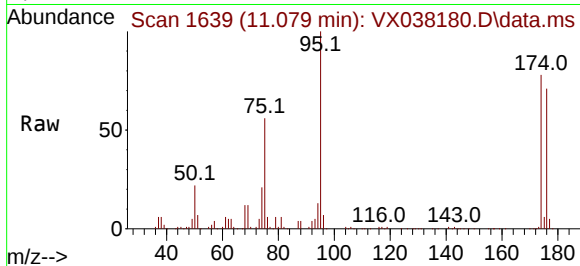




#62
4-Bromofluorobenzene
Concen: 44.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

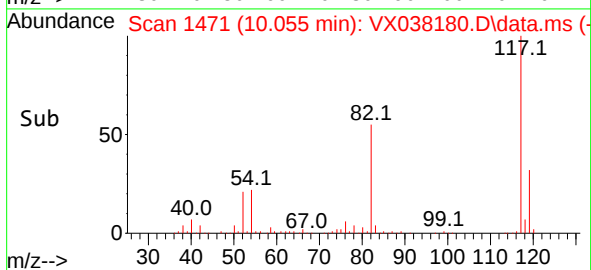
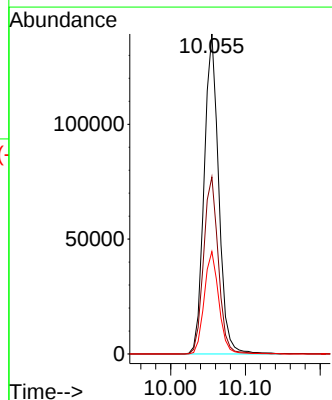
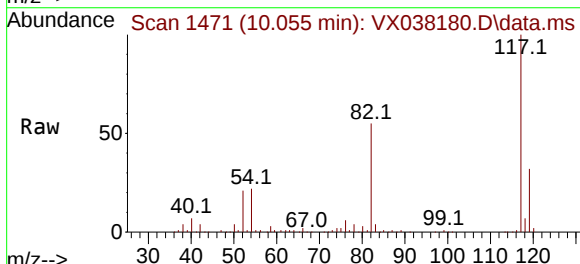
Instrument :
MSVOA_X
ClientSampleId :
GW-1-37-40

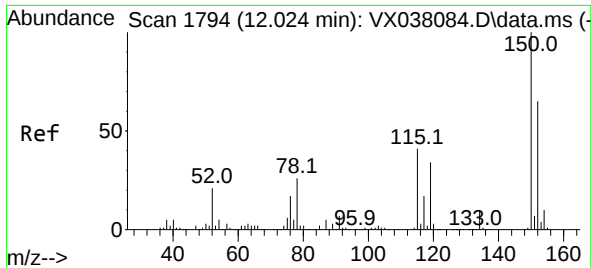
Tgt Ion: 95 Resp: 89119
Ion Ratio Lower Upper
95 100
174 81.1 0.0 135.6
176 77.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038180.D
Acq: 09 Oct 2023 18:29

Tgt Ion: 117 Resp: 188369
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038180.D

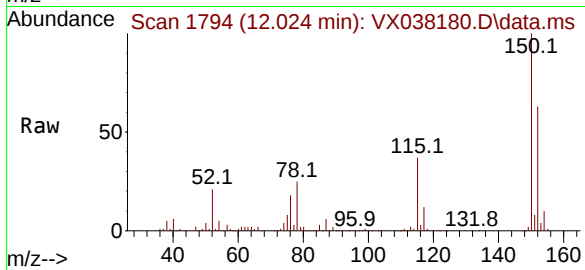
Acq: 09 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

GW-1-37-40



Tgt Ion:152 Resp: 97654

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 157.3 0.0 345.0

