

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038439.D
 Acq On : 23 Oct 2023 17:47
 Operator : JC/MD
 Sample : 05007-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-25-23-26

Quant Time: Oct 24 00:05:37 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)

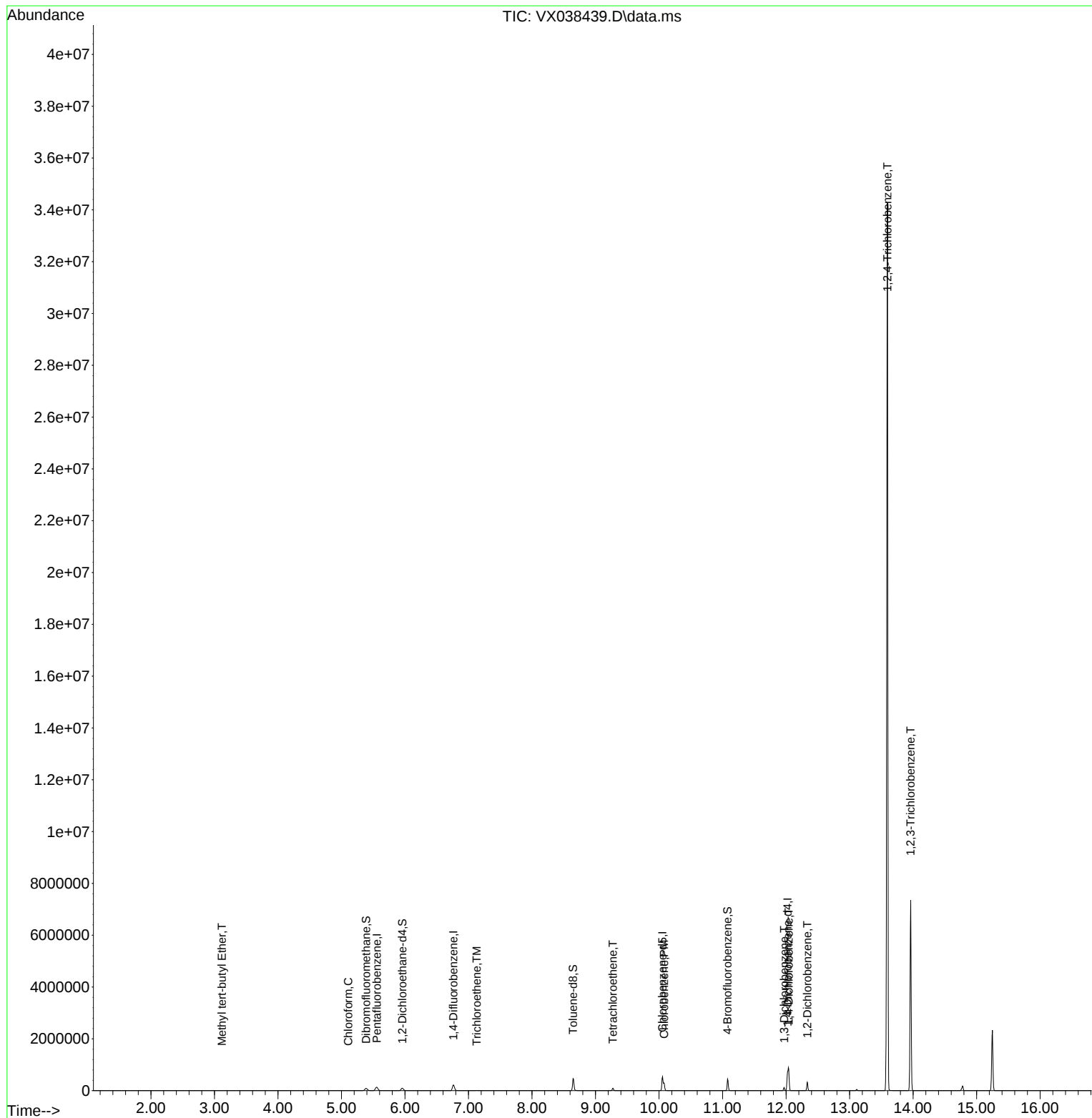
Internal Standards						
1) Pentafluorobenzene	5.556	168	129025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91730	44.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.400%
35) Dibromofluoromethane	5.385	113	77694	46.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	290713	45.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.400%#
62) 4-Bromofluorobenzene	11.079	95	111078	45.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	3479	0.740	ug/l	91
30) Chloroform	5.105	83	3929	1.338	ug/l	92
44) Trichloroethene	7.129	130	2650	1.561	ug/l	94
64) Tetrachloroethene	9.275	164	17263	11.112	ug/l	97
65) Chlorobenzene	10.079	112	124189	24.730	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	38820	9.205	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	259337	60.234	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	94062	23.204	ug/l	97
93) 1,2,4-Trichlorobenzene	13.597	180	7227278	2658.146	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1606394	610.185	ug/l	97

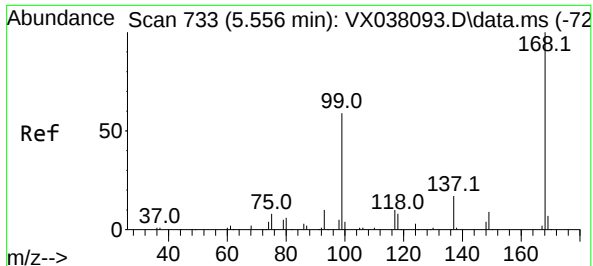
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
Data File : VX038439.D
Acq On : 23 Oct 2023 17:47
Operator : JC/MD
Sample : 05007-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-25-23-26

Quant Time: Oct 24 00:05:37 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

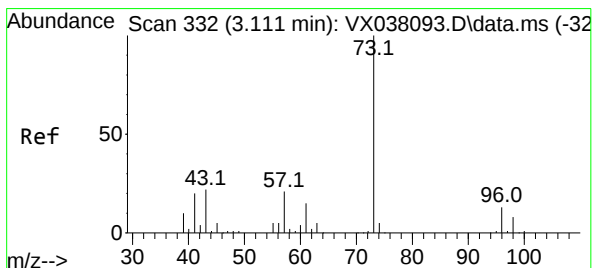
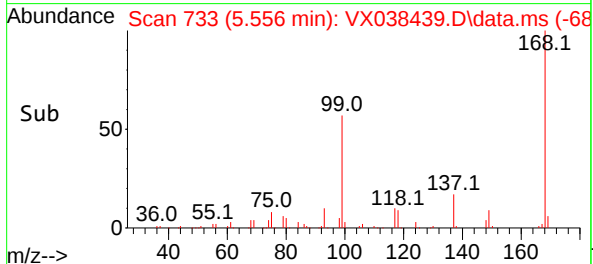
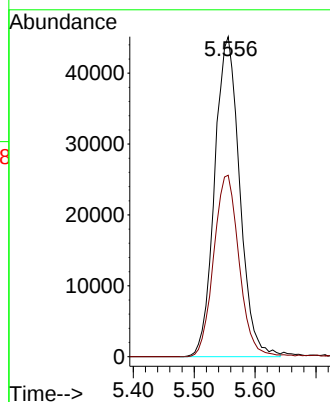
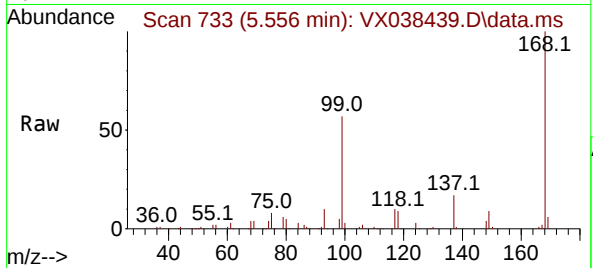




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

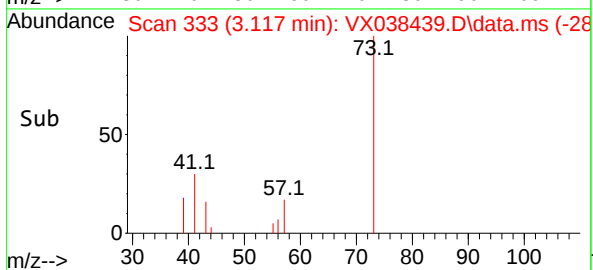
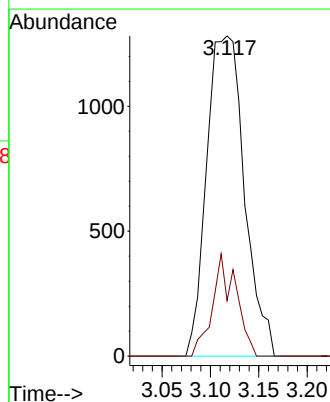
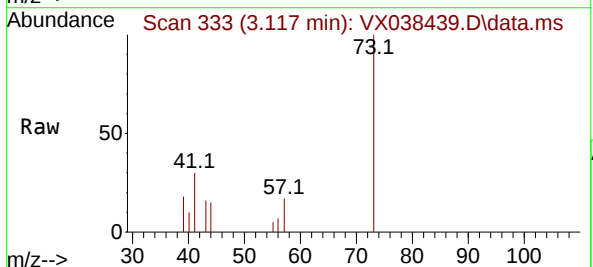
Instrument :
MSVOA_X
ClientSampleId :
GW-25-23-26

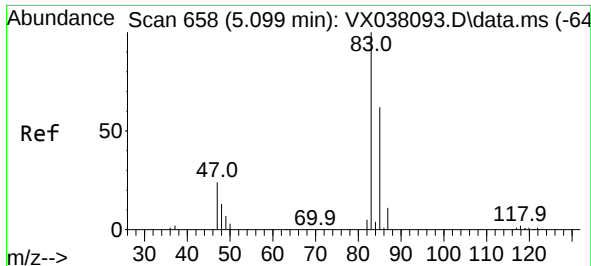
Tgt Ion:168 Resp: 129025
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.740 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

Tgt Ion: 73 Resp: 3479
Ion Ratio Lower Upper
73 100
57 17.3 17.3 25.9





#30

Chloroform

Concen: 1.338 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038439.D

Acq: 23 Oct 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

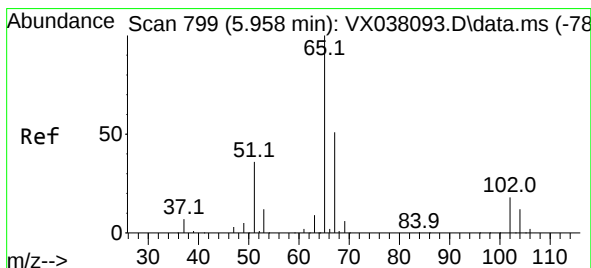
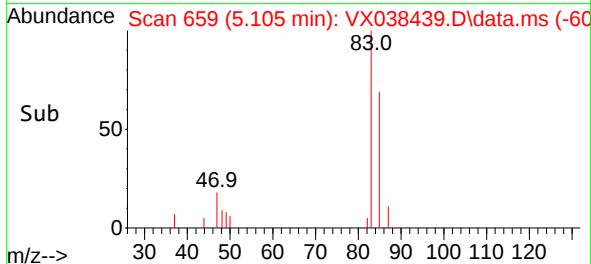
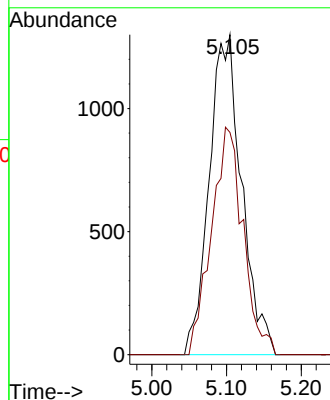
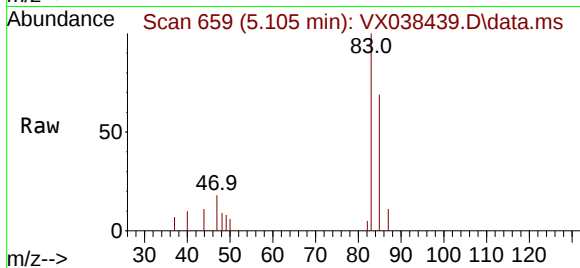
GW-25-23-26

Tgt Ion: 83 Resp: 3929

Ion Ratio Lower Upper

83 100

85 69.5 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 44.201 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038439.D

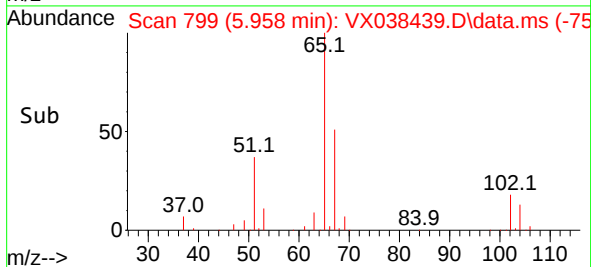
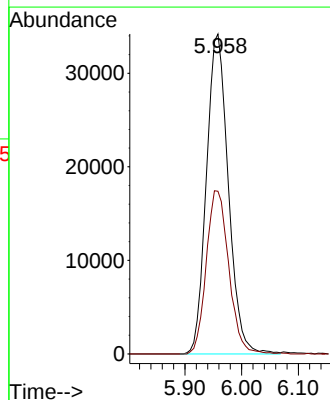
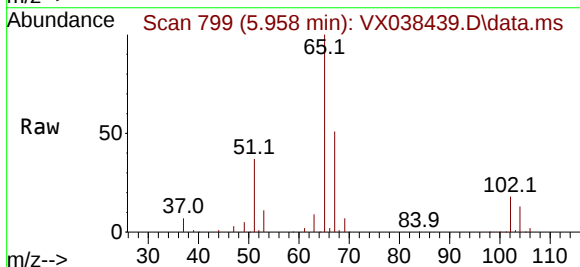
Acq: 23 Oct 2023 17:47

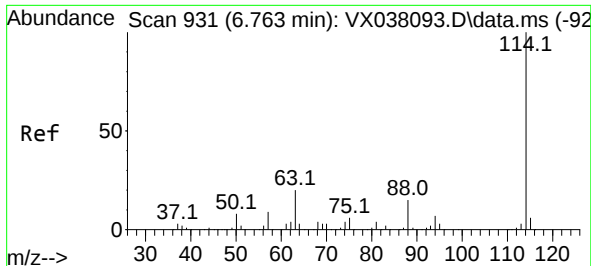
Tgt Ion: 65 Resp: 91730

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2

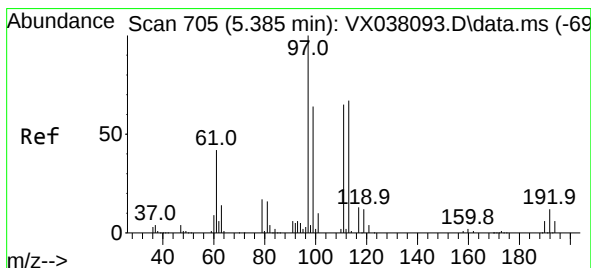
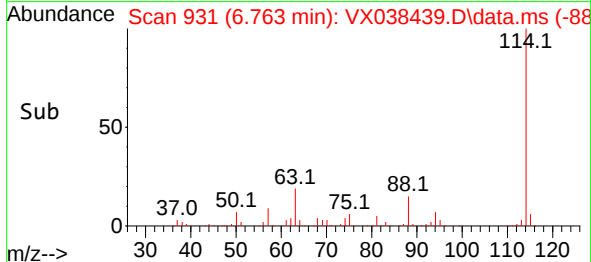
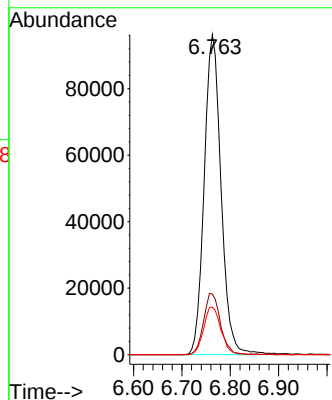
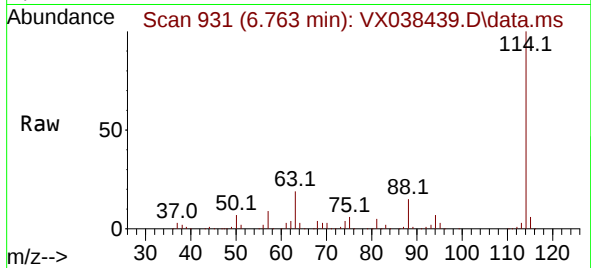




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX038439.D
 Acq: 23 Oct 2023 17:47

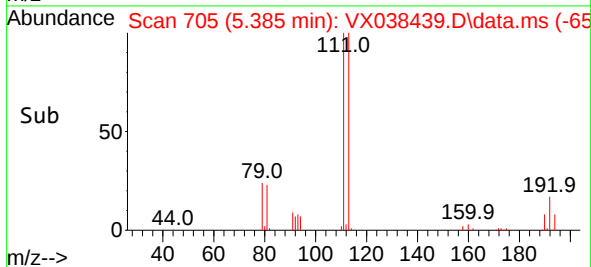
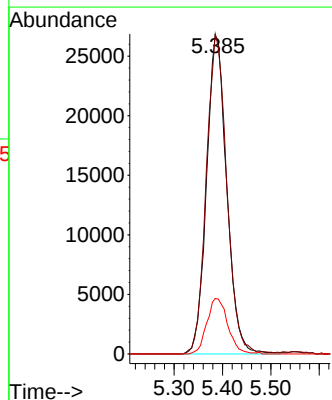
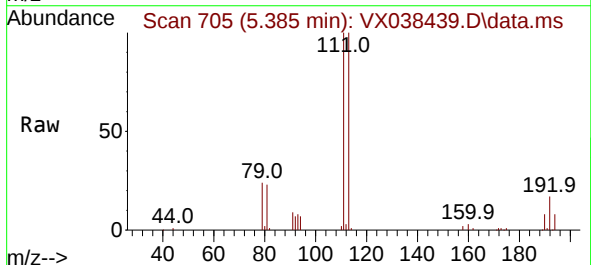
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-25-23-26

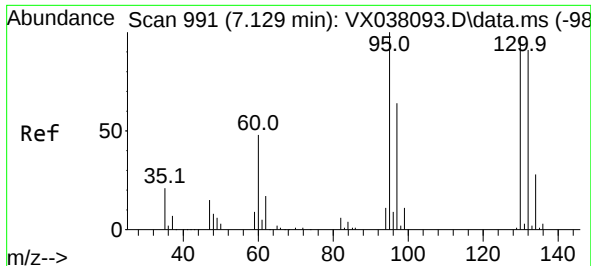
Tgt Ion:114 Resp: 233594
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 45.0
 88 14.9 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.159 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038439.D
 Acq: 23 Oct 2023 17:47

Tgt Ion:113 Resp: 77694
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.9 124.3
 192 18.1 13.3 19.9

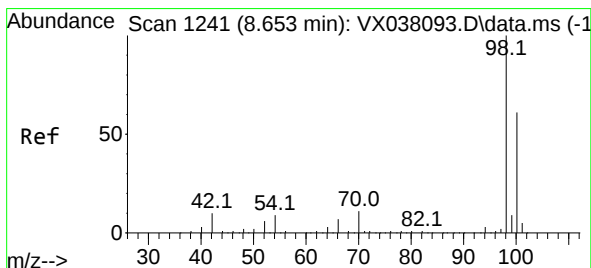
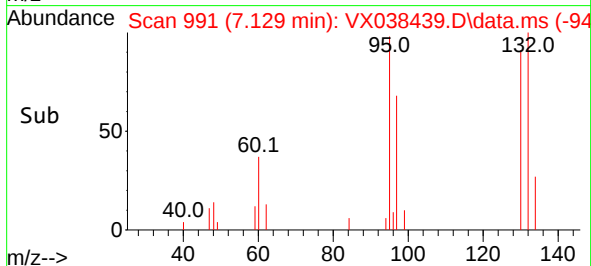
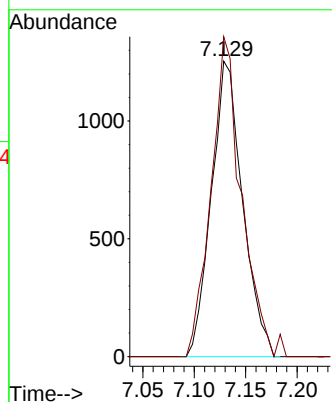
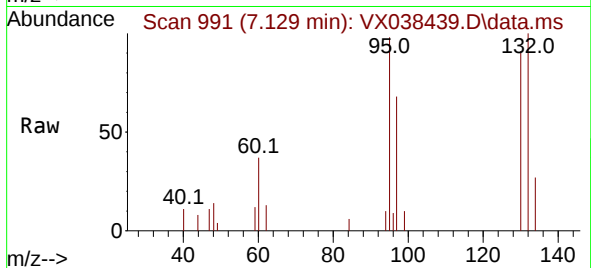




#44
Trichloroethene
Concen: 1.561 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

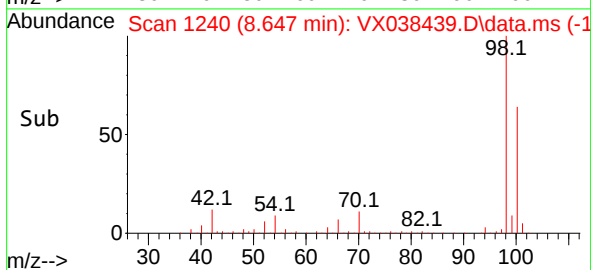
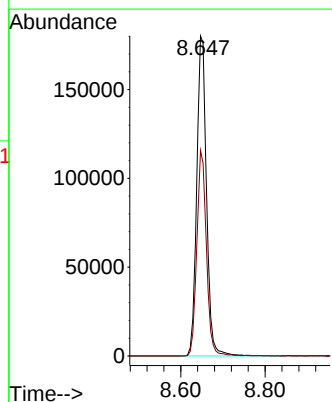
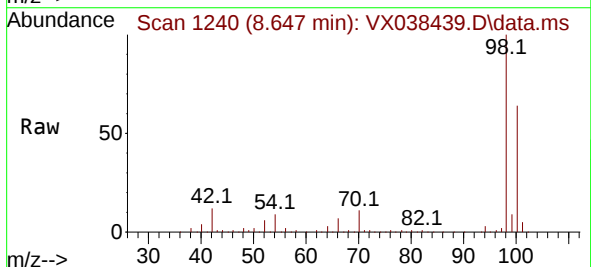
Instrument :
MSVOA_X
ClientSampleId :
GW-25-23-26

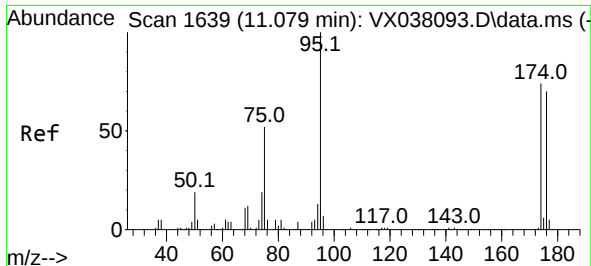
Tgt Ion:130 Resp: 2650
Ion Ratio Lower Upper
130 100
95 108.3 0.0 204.4



#50
Toluene-d8
Concen: 45.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

Tgt Ion: 98 Resp: 290713
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

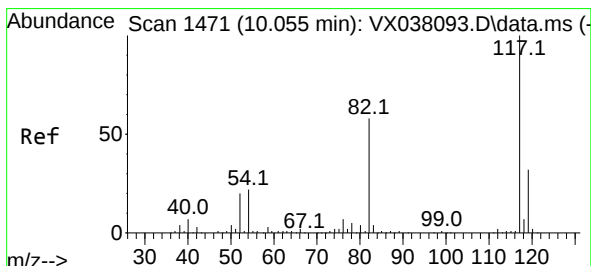
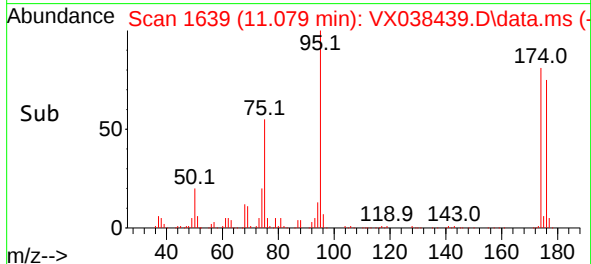
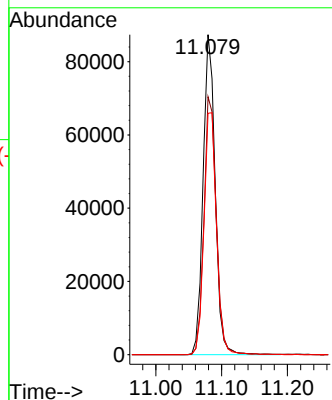
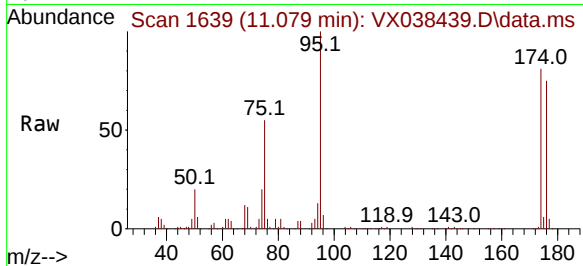




#62
4-Bromofluorobenzene
Concen: 45.554 ug/l
RT: 11.079 min Scan# 111078
Delta R.T. 0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

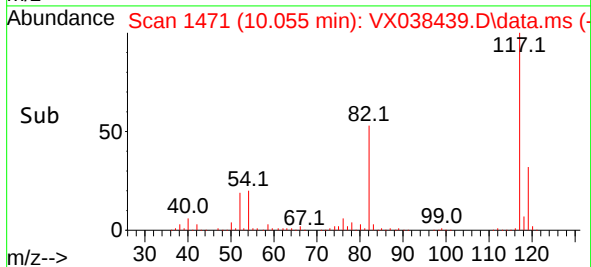
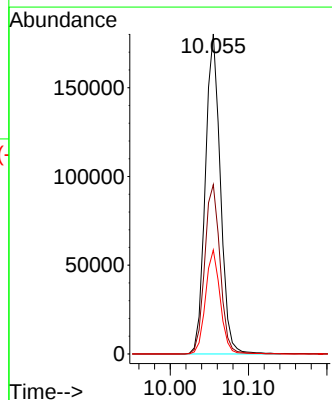
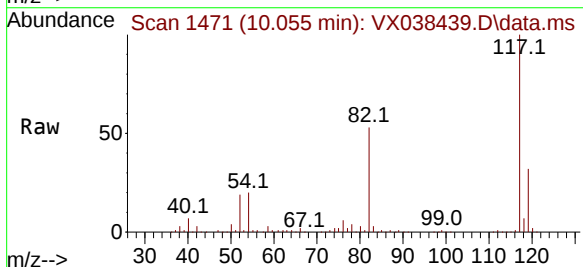
Instrument :
MSVOA_X
ClientSampleId :
GW-25-23-26

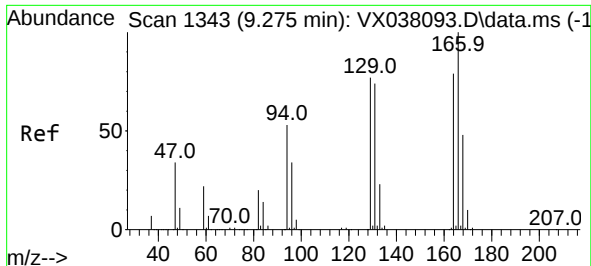
Tgt Ion: 95 Resp: 111078
Ion Ratio Lower Upper
95 100
174 82.9 0.0 135.6
176 79.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

Tgt Ion: 117 Resp: 239982
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.5 25.5 38.3

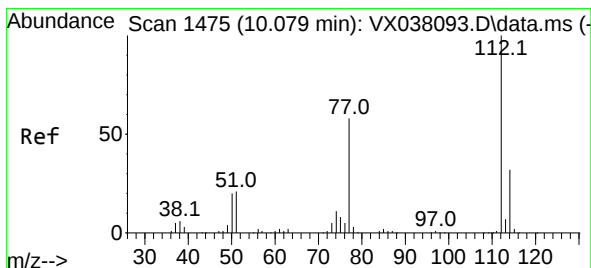
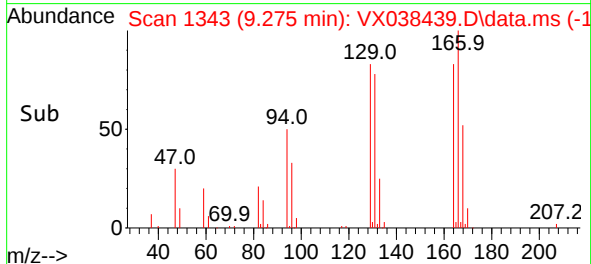
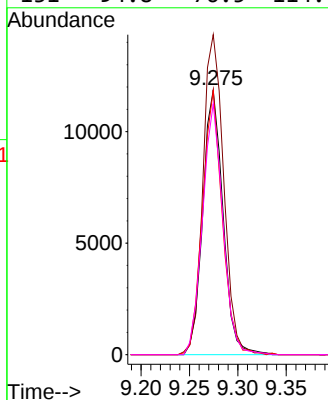
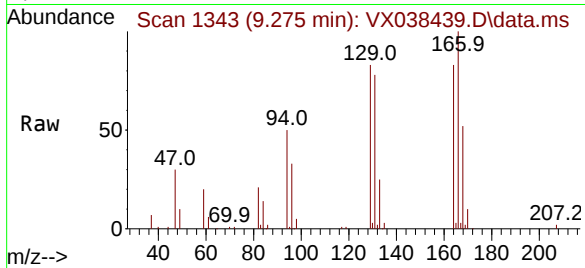




#64
Tetrachloroethene
Concen: 11.112 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

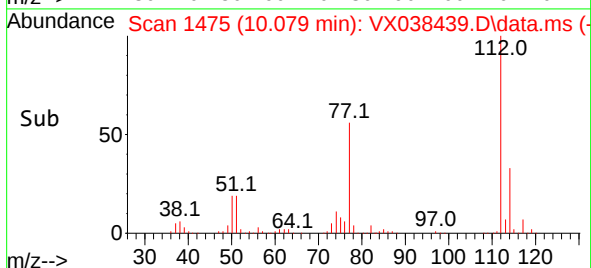
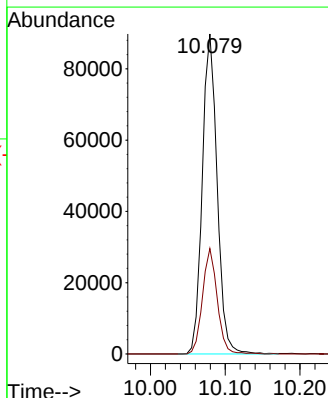
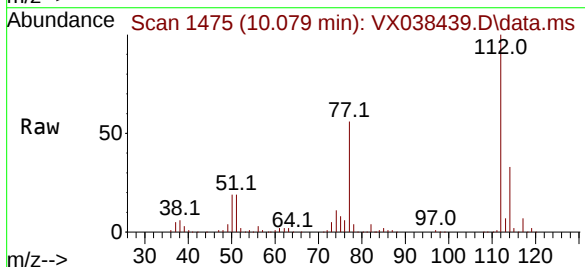
Instrument :
MSVOA_X
ClientSampleId :
GW-25-23-26

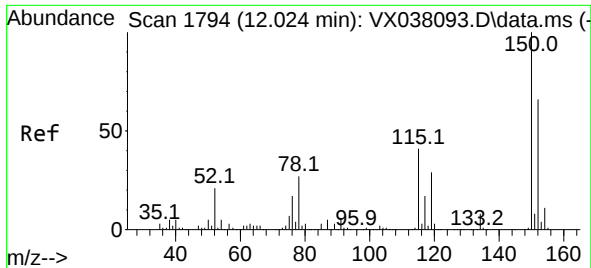
Tgt Ion:164 Resp: 17263
Ion Ratio Lower Upper
164 100
166 120.9 102.7 154.1
129 99.8 80.4 120.6
131 94.8 76.5 114.7



#65
Chlorobenzene
Concen: 24.730 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

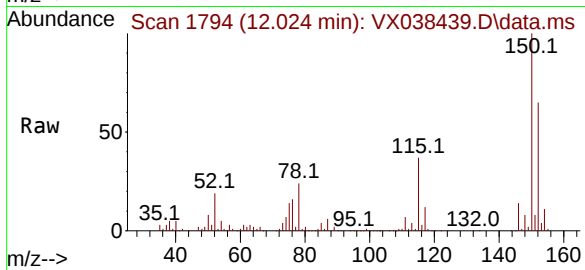
Tgt Ion:112 Resp: 124189
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



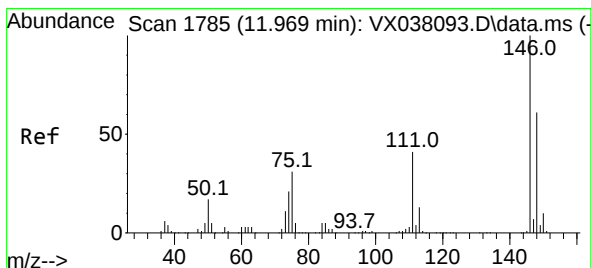
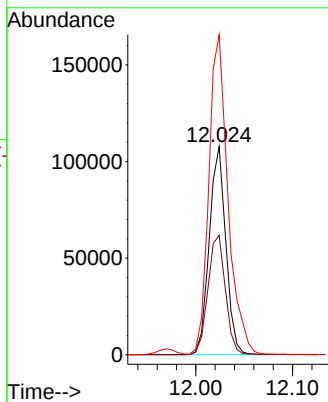
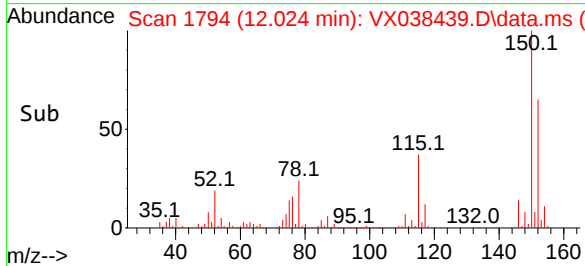


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX038439.D
 Acq: 23 Oct 2023 17:47

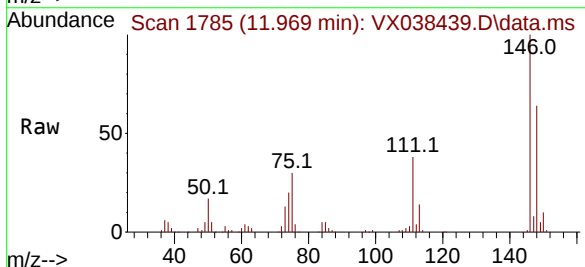
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-25-23-26



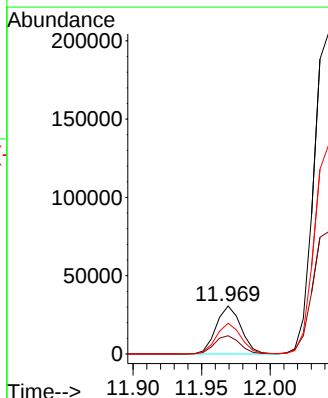
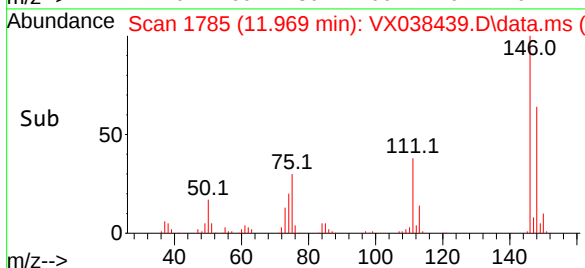
Tgt Ion:152 Resp: 128240
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.9
 150 176.6 0.0 345.0

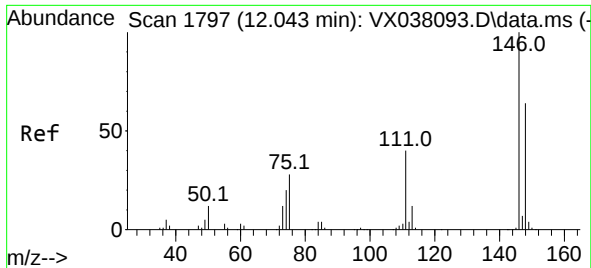


#87
 1,3-Dichlorobenzene
 Concen: 9.205 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX038439.D
 Acq: 23 Oct 2023 17:47



Tgt Ion:146 Resp: 38820
 Ion Ratio Lower Upper
 146 100
 111 39.1 22.1 66.1
 148 63.9 31.8 95.3

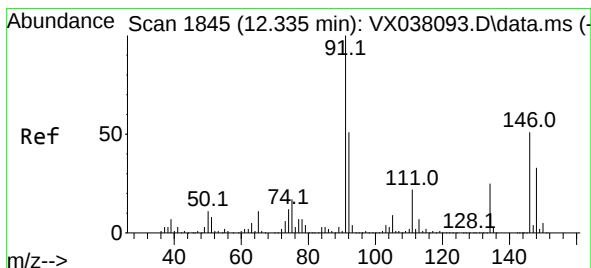
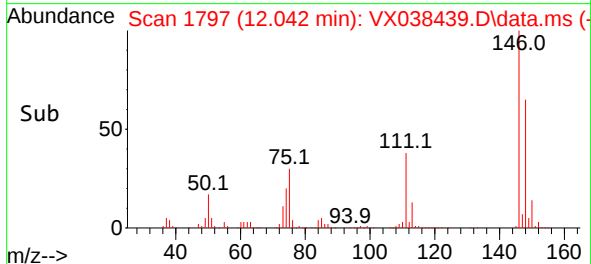
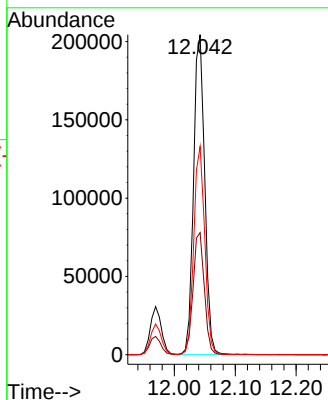
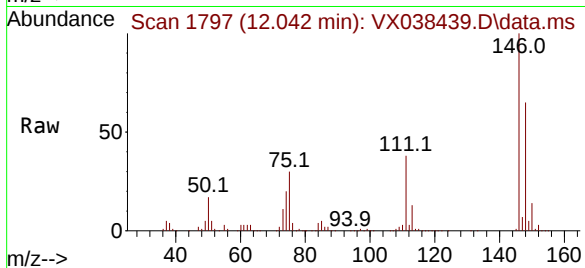




#88
1,4-Dichlorobenzene
Concen: 60.234 ug/l
RT: 12.042 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

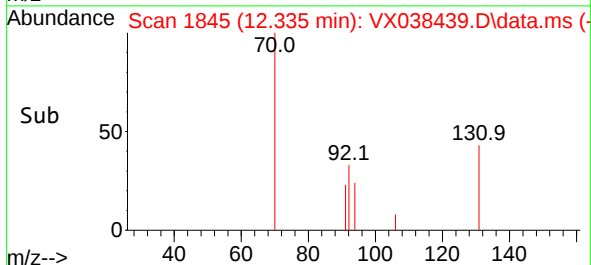
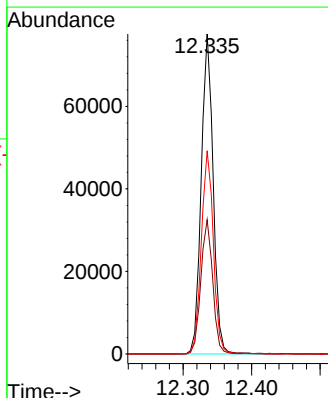
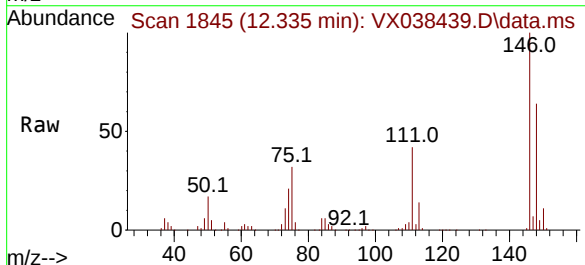
Instrument :
MSVOA_X
ClientSampleId :
GW-25-23-26

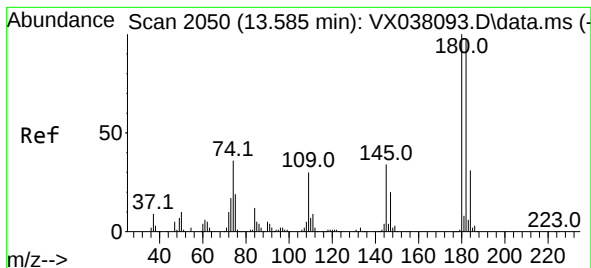
Tgt Ion:146 Resp: 259337
Ion Ratio Lower Upper
146 100
111 38.6 21.3 63.7
148 64.2 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 23.204 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038439.D
Acq: 23 Oct 2023 17:47

Tgt Ion:146 Resp: 94062
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 64.2 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 2658.146 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX038439.D

Acq: 23 Oct 2023 17:47

Instrument :

MSVOA_X

ClientSampleId :

GW-25-23-26

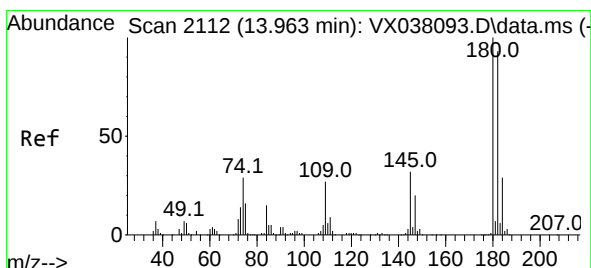
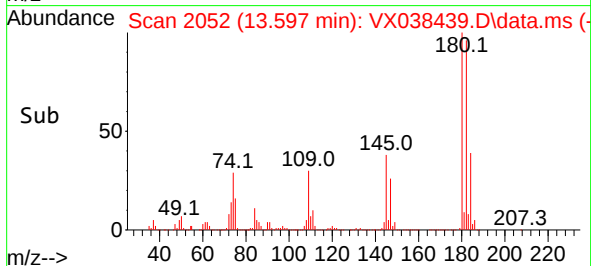
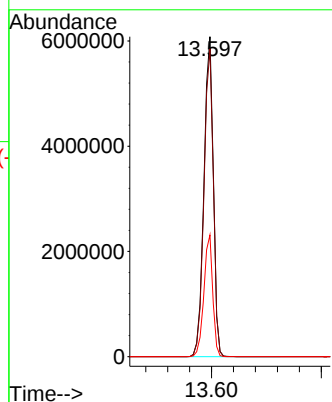
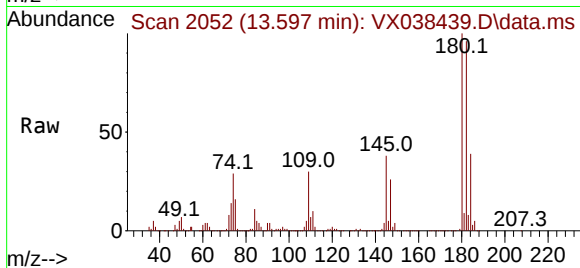
Tgt Ion:180 Resp: 7227278

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.8

145 35.8 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 610.185 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038439.D

Acq: 23 Oct 2023 17:47

Tgt Ion:180 Resp: 1606394

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.6

145 33.3 17.8 53.5

