

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038472.D
 Acq On : 25 Oct 2023 12:15
 Operator : JC/MD
 Sample : 05007-17DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-25-37-40DL

Quant Time: Oct 26 04:02:45 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)

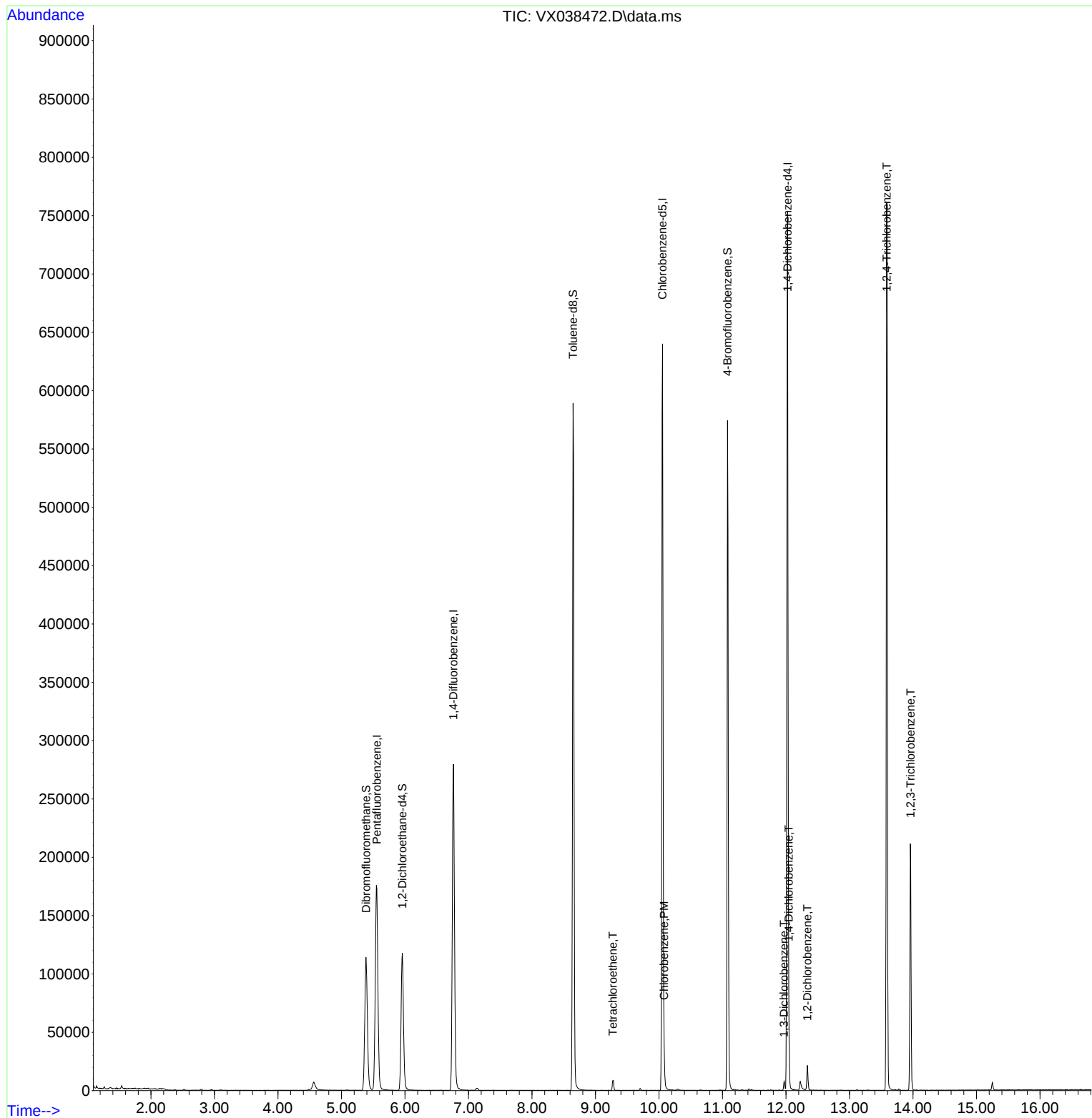
Internal Standards						
1) Pentafluorobenzene	5.556	168	172959	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	301287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109366	39.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.620%
35) Dibromofluoromethane	5.385	113	97713	45.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	8.647	98	361323	43.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.100%#
62) 4-Bromofluorobenzene	11.079	95	143112	45.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%
Target Compounds						
						Qvalue
64) Tetrachloroethene	9.275	164	1757	0.892	ug/l	94
65) Chlorobenzene	10.080	112	8688	1.365	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	2849	0.524	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	17286	3.112	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	6623	1.266	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	178090	50.773	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	50779	14.951	ug/l	95

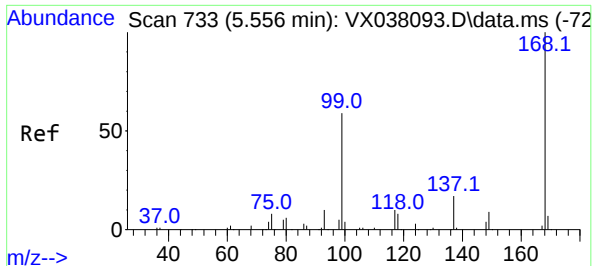
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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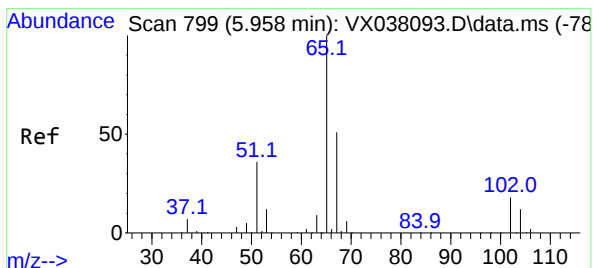
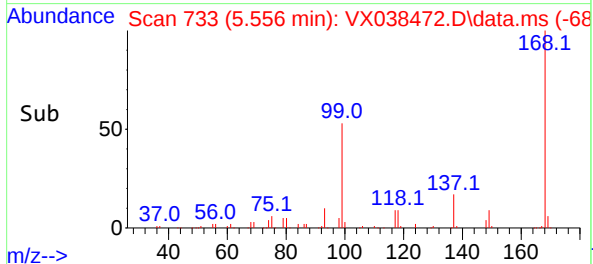
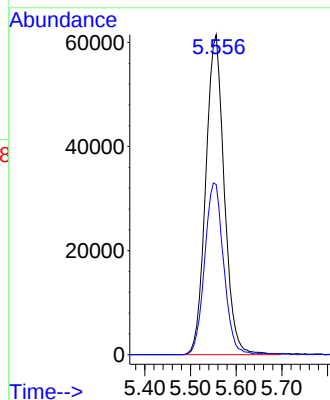
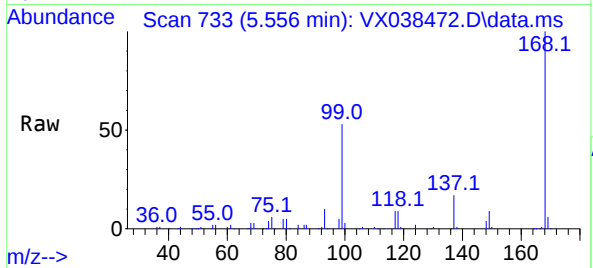




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

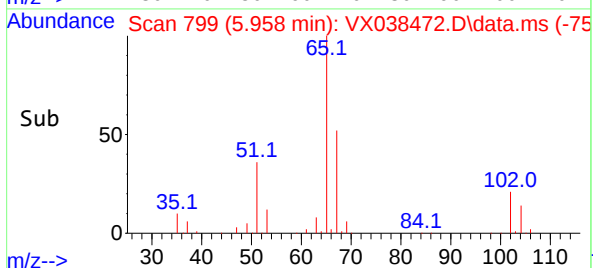
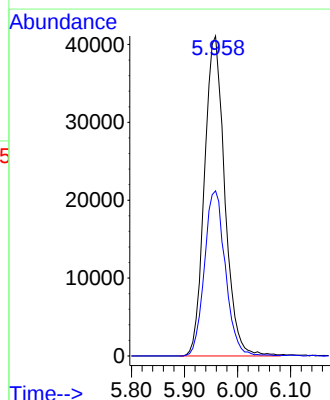
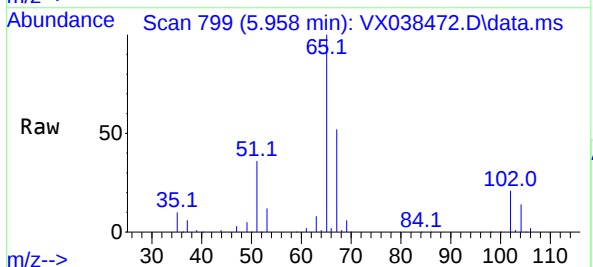
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40DL

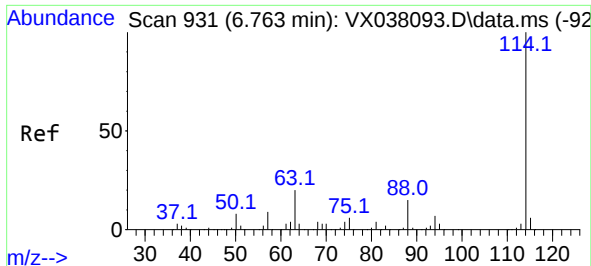
Tgt Ion:168 Resp: 172959
Ion Ratio Lower Upper
168 100
99 53.2 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 39.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

Tgt Ion: 65 Resp: 109366
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

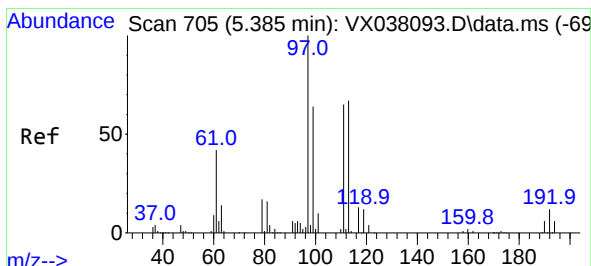
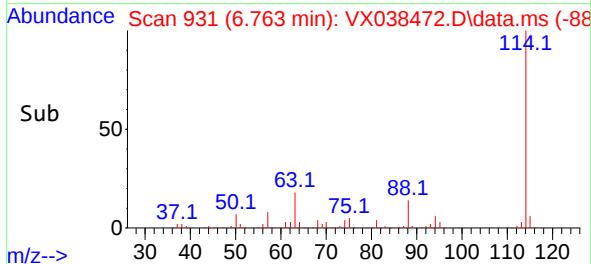
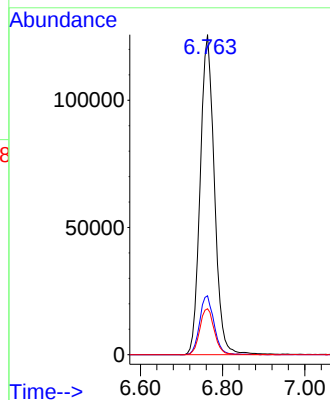
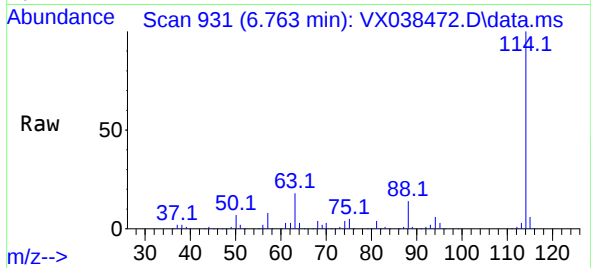




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

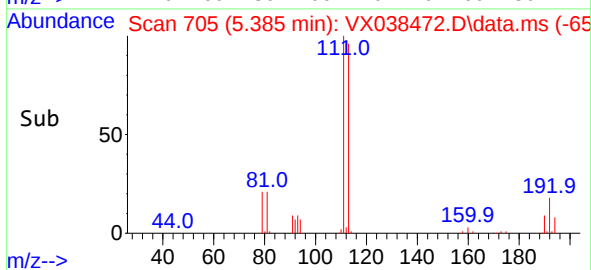
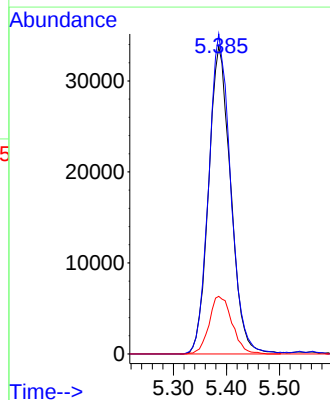
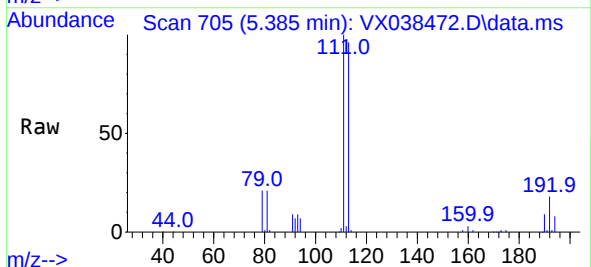
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40DL

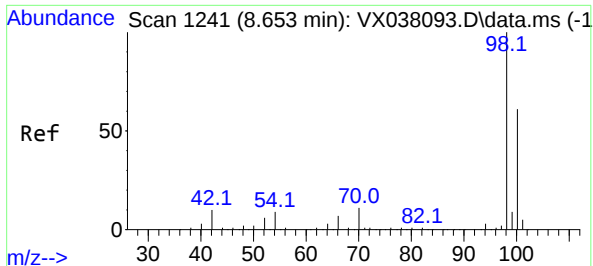
Tgt Ion:114 Resp: 301287
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.009 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

Tgt Ion:113 Resp: 97713
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.5 13.3 19.9

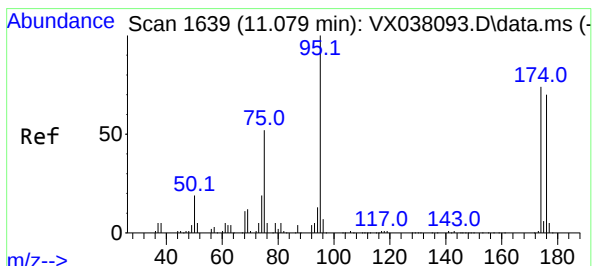
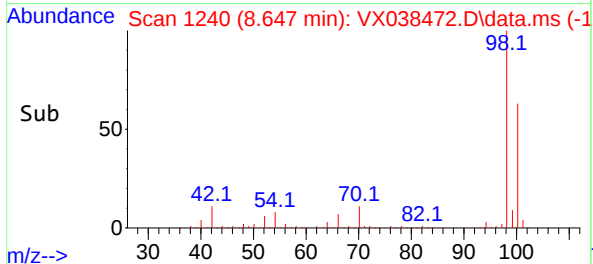
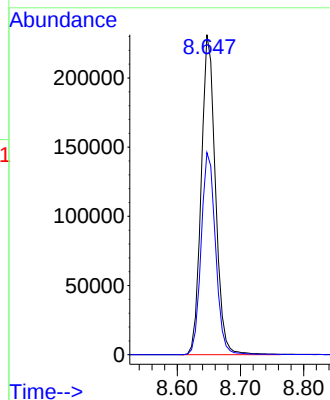
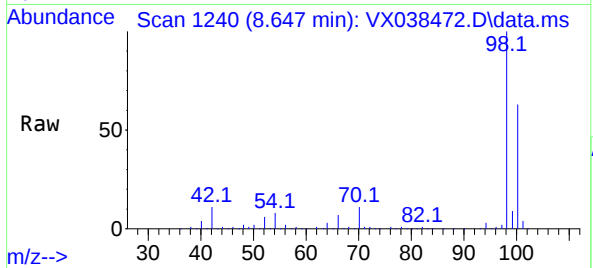




#50
Toluene-d8
Concen: 43.555 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

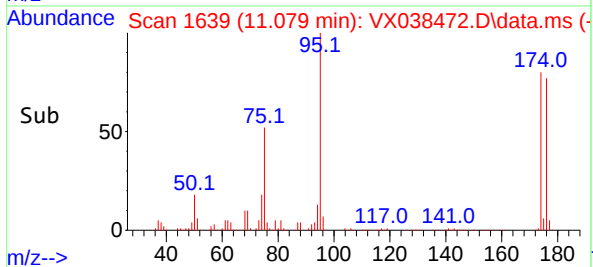
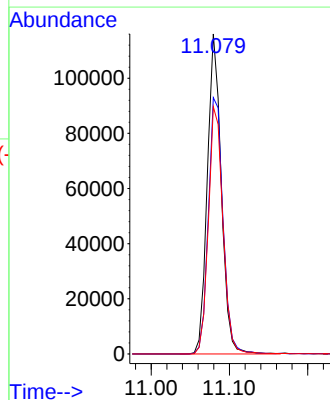
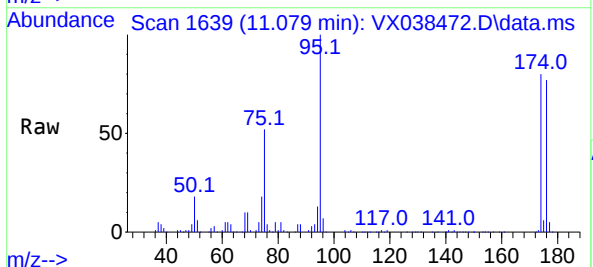
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40DL

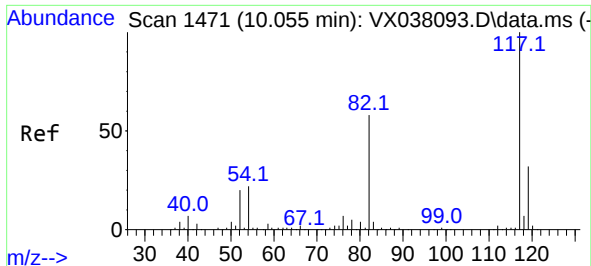
Tgt Ion: 98 Resp: 361323
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

Tgt Ion: 95 Resp: 143112
Ion Ratio Lower Upper
95 100
174 84.4 0.0 135.6
176 80.7 0.0 131.0

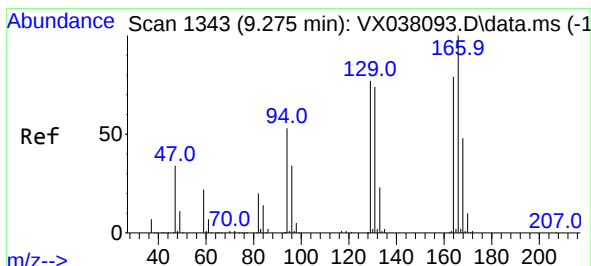
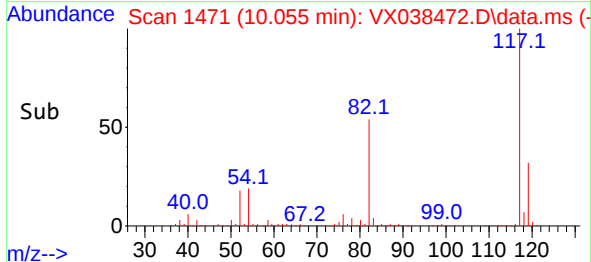
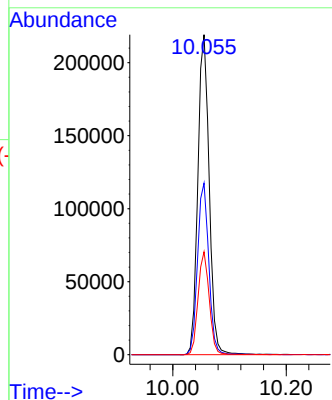
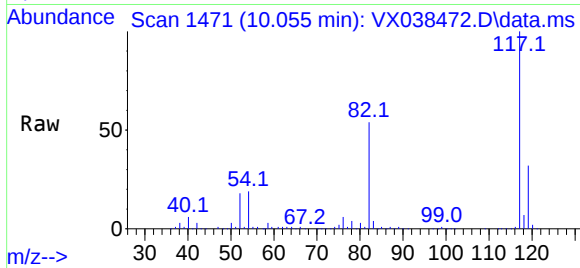




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

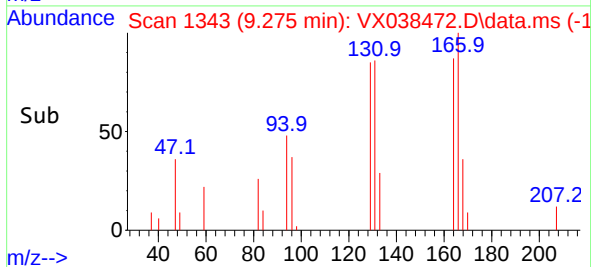
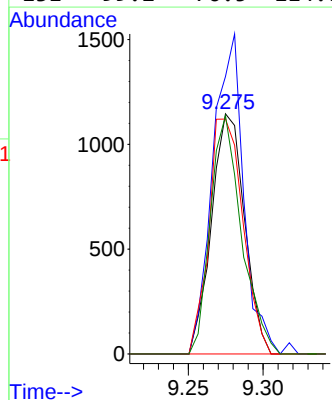
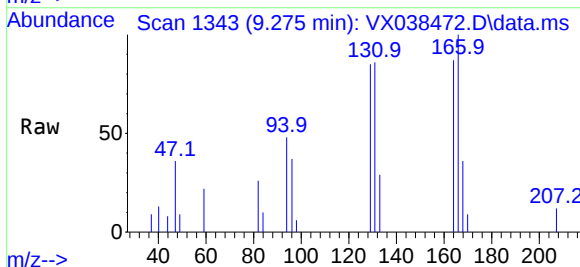
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40DL

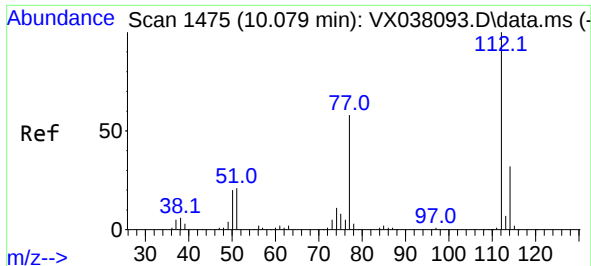
Tgt Ion:117 Resp: 304111
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.892 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

Tgt Ion:164 Resp: 1757
Ion Ratio Lower Upper
164 100
166 115.5 102.7 154.1
129 97.8 80.4 120.6
131 99.2 76.5 114.7

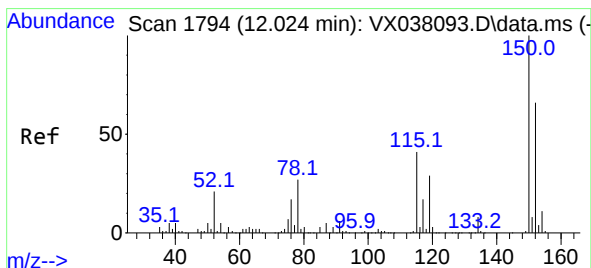
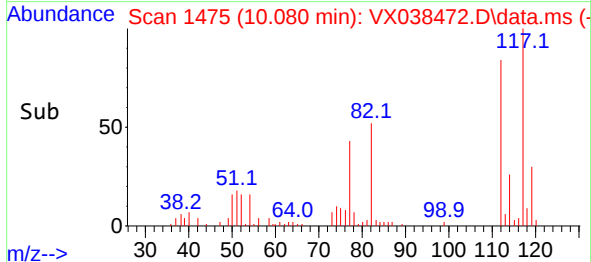
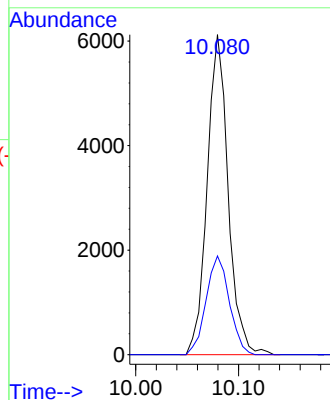
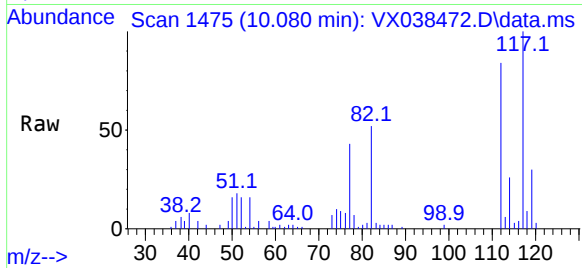




#65
Chlorobenzene
Concen: 1.365 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

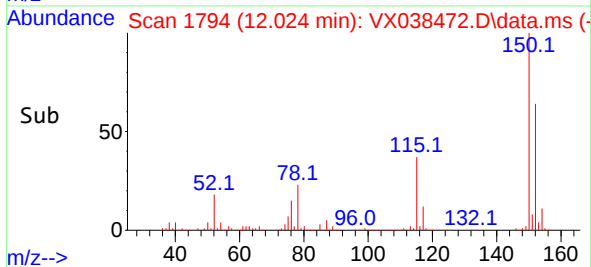
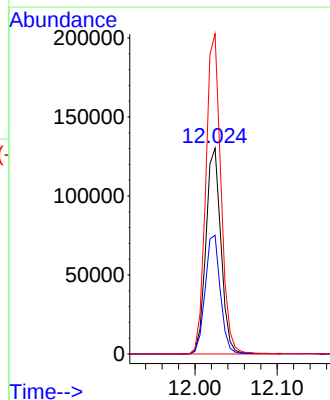
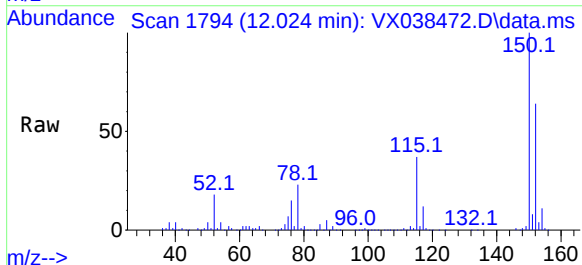
Instrument :
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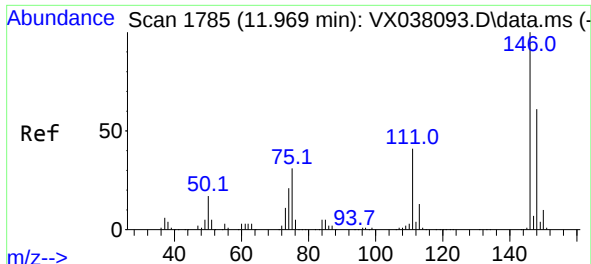
Tgt Ion:112 Resp: 8688
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

Tgt Ion:152 Resp: 165437
Ion Ratio Lower Upper
152 100
115 58.5 43.3 129.9
150 157.0 0.0 345.0





#87

1,3-Dichlorobenzene

Concen: 0.524 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038472.D

Acq: 25 Oct 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

GW-25-37-40DL

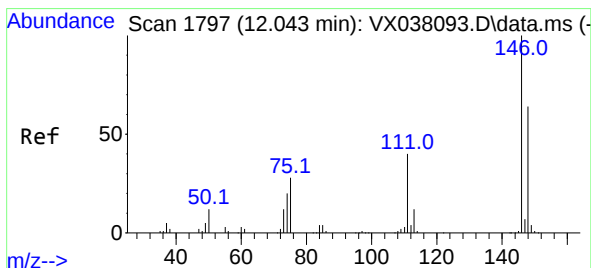
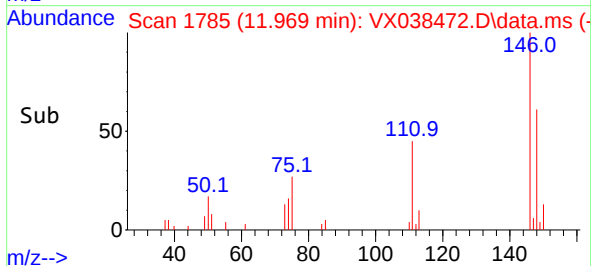
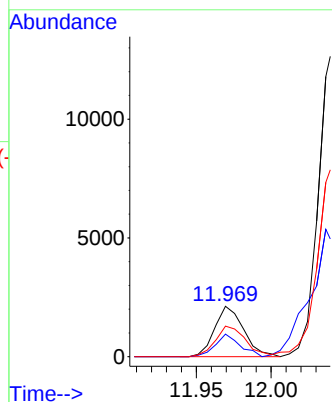
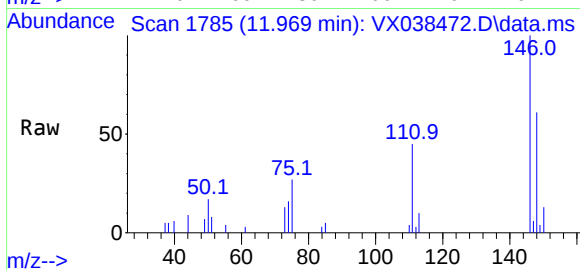
Tgt Ion:146 Resp: 2849

Ion Ratio Lower Upper

146 100

111 38.4 22.1 66.1

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 3.112 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038472.D

Acq: 25 Oct 2023 12:15

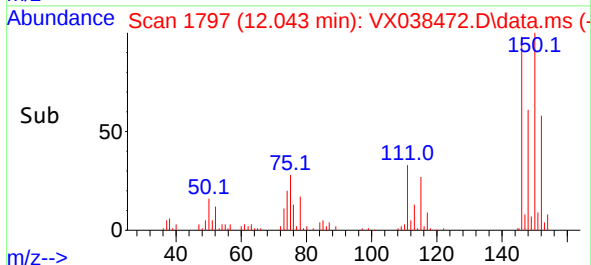
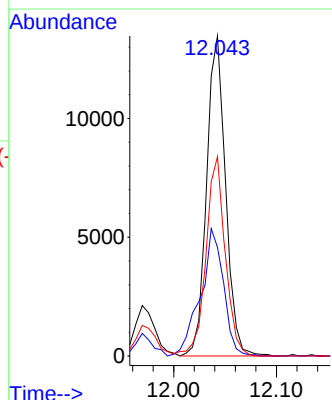
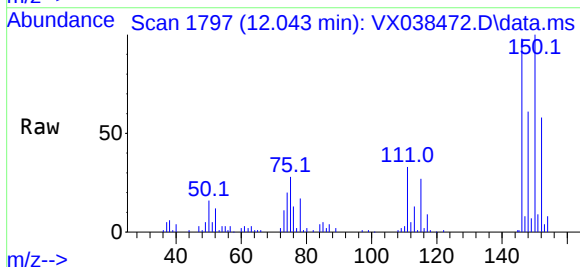
Tgt Ion:146 Resp: 17286

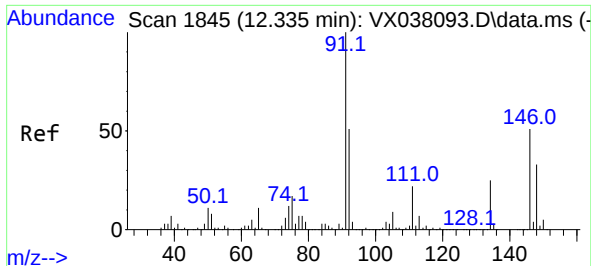
Ion Ratio Lower Upper

146 100

111 48.2 21.3 63.7

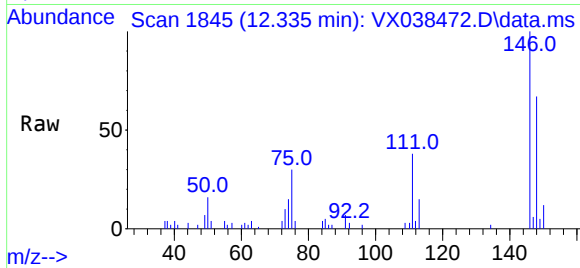
148 63.4 31.8 95.4



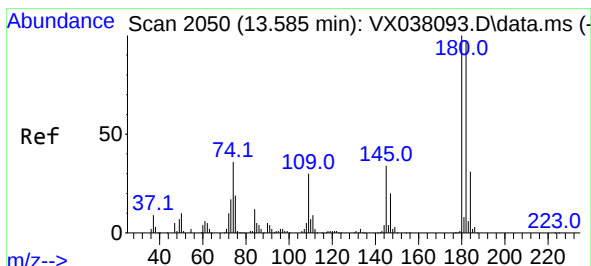
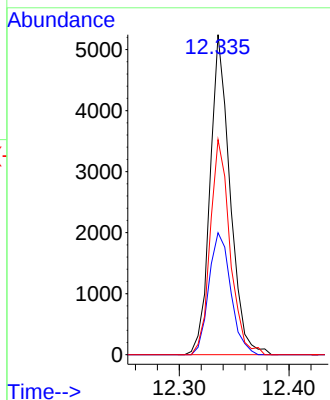
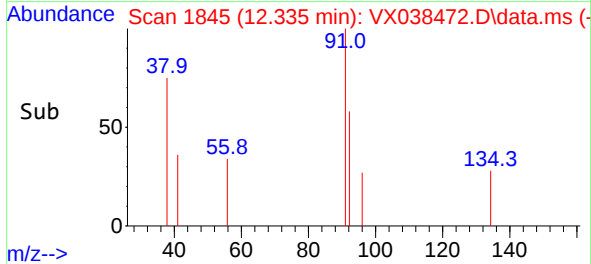


#91
1,2-Dichlorobenzene
Concen: 1.266 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15

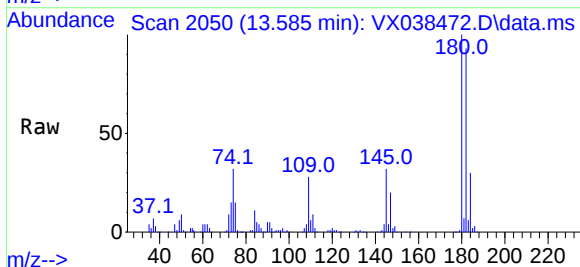
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40DL



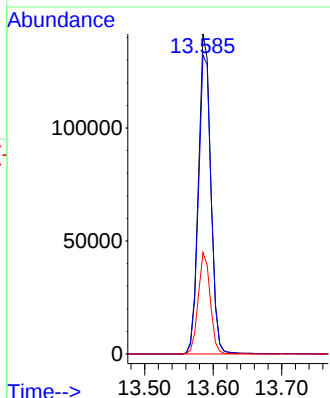
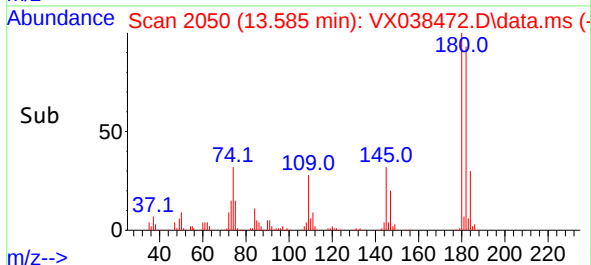
Tgt Ion:146 Resp: 6623
Ion Ratio Lower Upper
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111 41.8 22.4 67.0
148 66.7 31.6 95.0

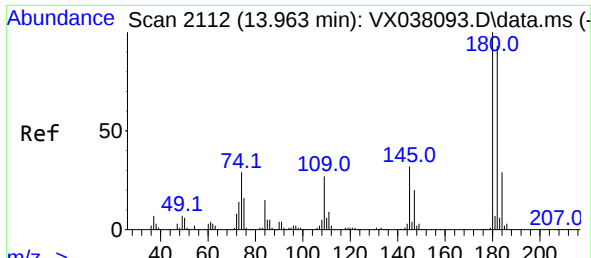


#93
1,2,4-Trichlorobenzene
Concen: 50.773 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038472.D
Acq: 25 Oct 2023 12:15



Tgt Ion:180 Resp: 178090
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 30.7 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 14.951 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038472.D

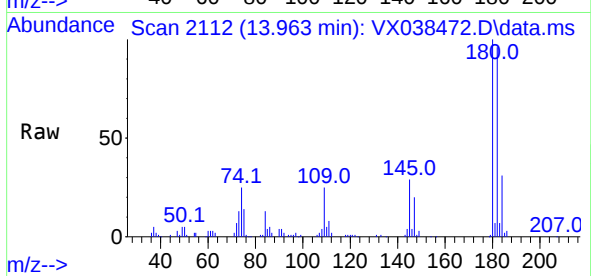
Acq: 25 Oct 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

GW-25-37-40DL



Tgt Ion:180 Resp: 50779

Ion Ratio Lower Upper

180 100

182 97.5 46.9 140.6

145 31.8 17.8 53.5

