

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038440.D
 Acq On : 23 Oct 2023 18:10
 Operator : JC/MD
 Sample : 05007-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 24 00:06:02 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)

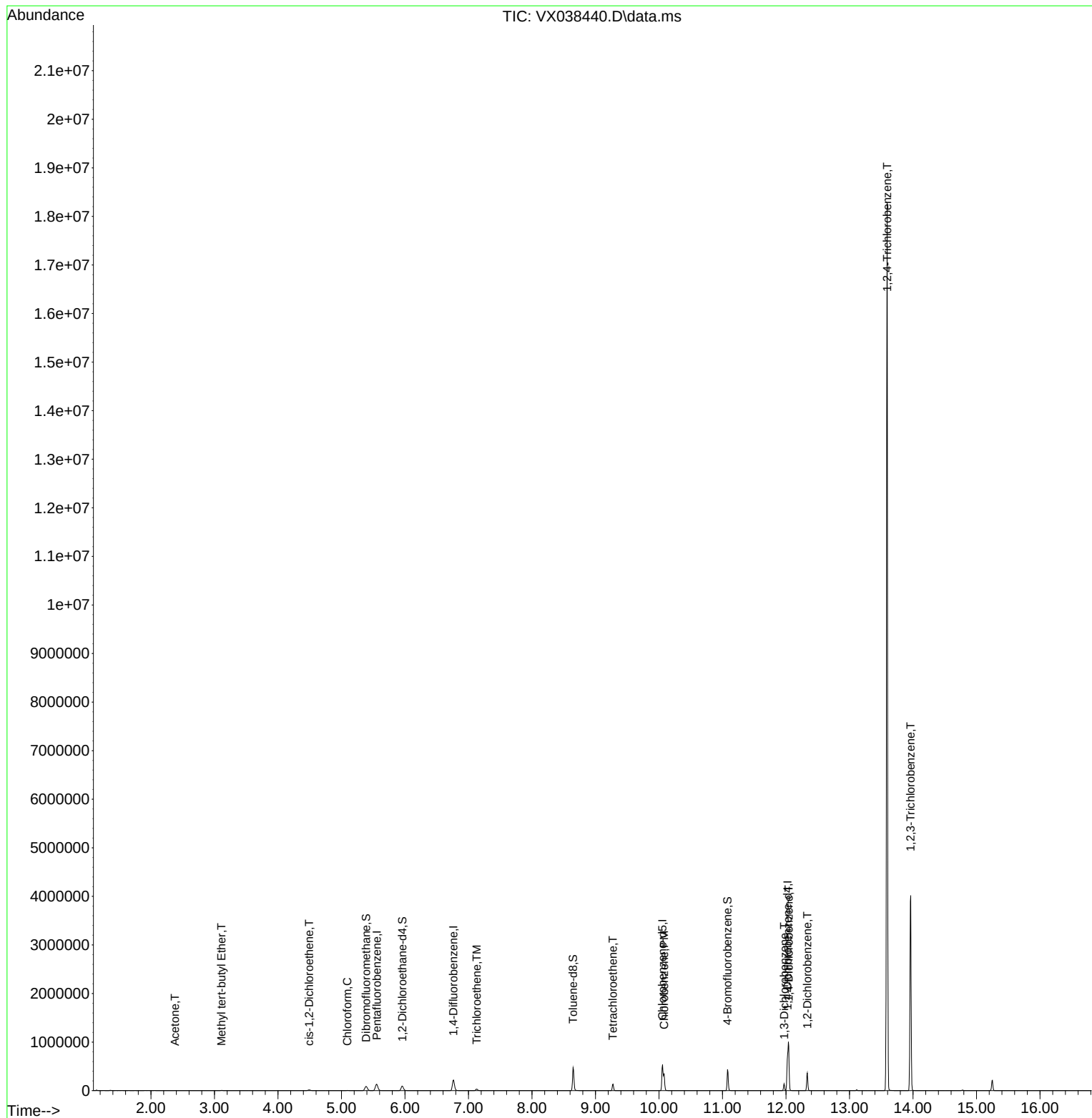
Internal Standards						
1) Pentafluorobenzene	5.556	168	127032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	230396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90693	44.387	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.780%
35) Dibromofluoromethane	5.385	113	76253	45.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	287358	45.297	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.600%#
62) 4-Bromofluorobenzene	11.079	95	109839	45.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.340%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1973	2.314	ug/l	# 87
19) Methyl tert-butyl Ether	3.111	73	5459	1.179	ug/l	# 90
27) cis-1,2-Dichloroethene	4.489	96	10206	5.955	ug/l	80
30) Chloroform	5.093	83	4367	1.510	ug/l	100
44) Trichloroethene	7.129	130	12412	7.411	ug/l	92
64) Tetrachloroethene	9.275	164	23451	15.389	ug/l	97
65) Chlorobenzene	10.080	112	148604	30.170	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	42664	9.962	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	289190	66.139	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	112170	27.247	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	3755752	1360.202	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	934199	349.423	ug/l	98

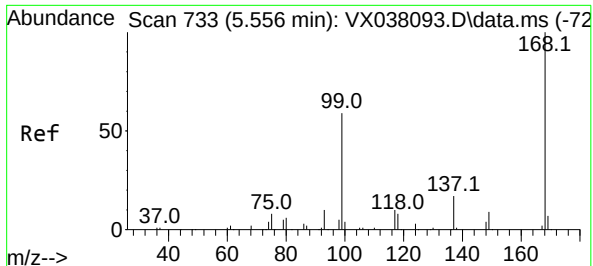
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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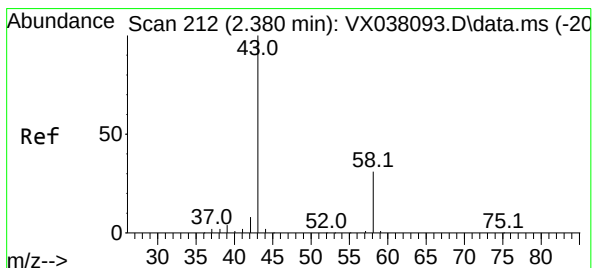
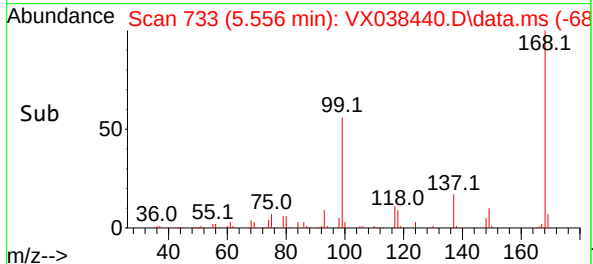
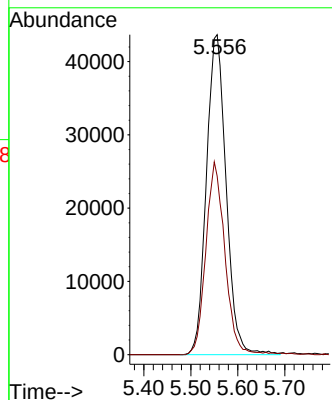
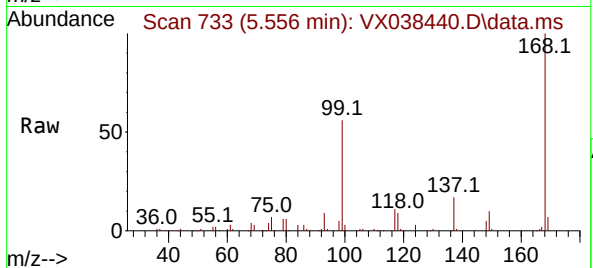




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

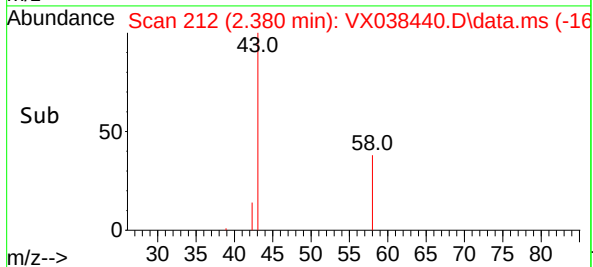
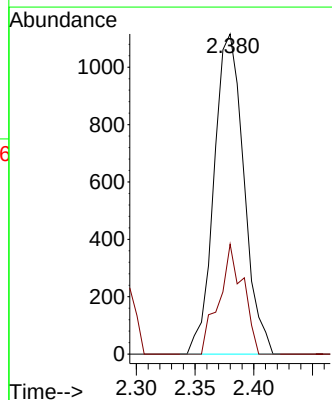
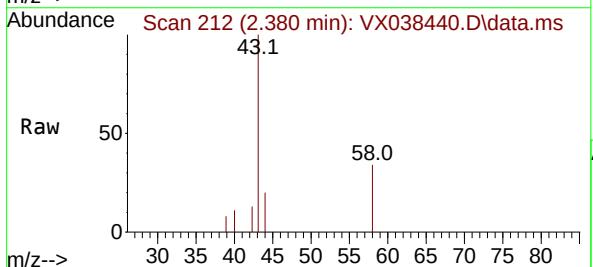
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40

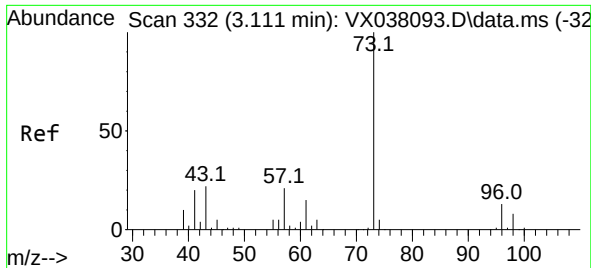
Tgt Ion:168 Resp: 127032
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#16
Acetone
Concen: 2.314 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#

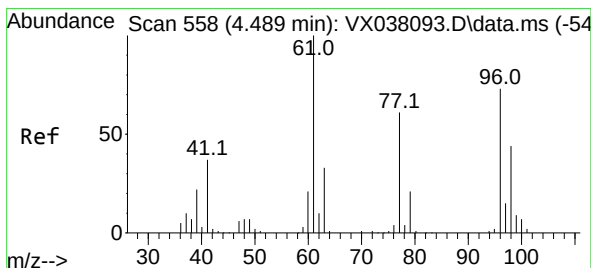
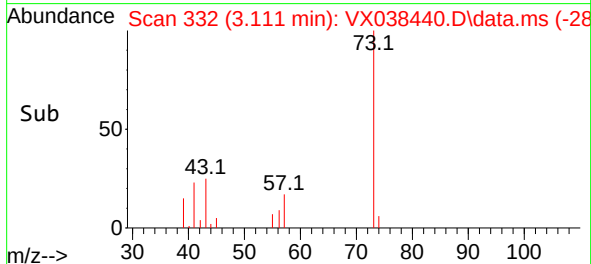
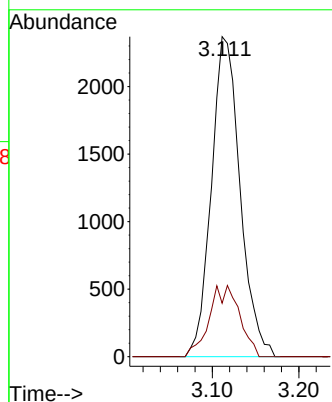
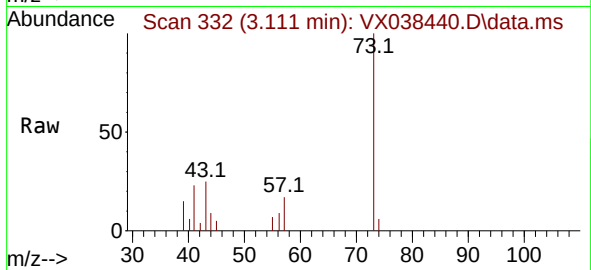




#19
Methyl tert-butyl Ether
Concen: 1.179 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

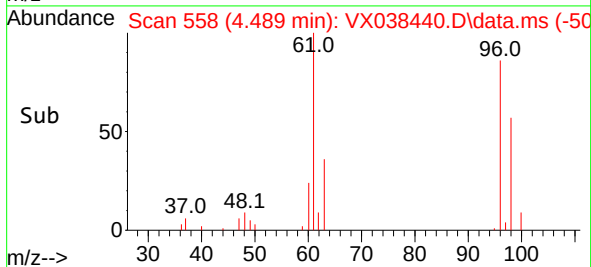
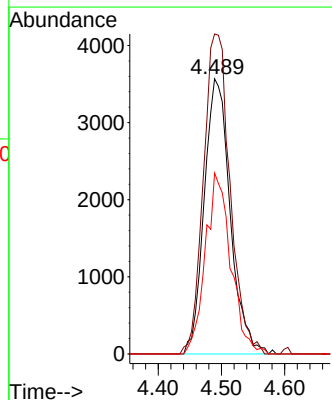
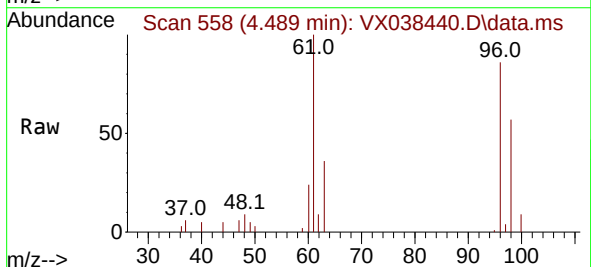
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40

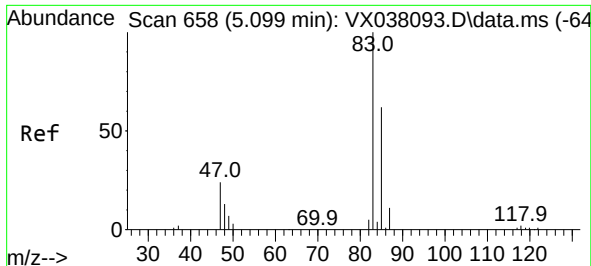
Tgt Ion: 73 Resp: 5459
Ion Ratio Lower Upper
73 100
57 16.7 17.3 25.9#



#27
cis-1,2-Dichloroethene
Concen: 5.955 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion: 96 Resp: 10206
Ion Ratio Lower Upper
96 100
61 119.2 0.0 312.2
98 64.1 0.0 129.0





#30

Chloroform

Concen: 1.510 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038440.D

Acq: 23 Oct 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

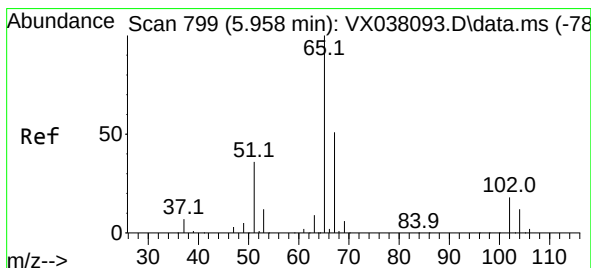
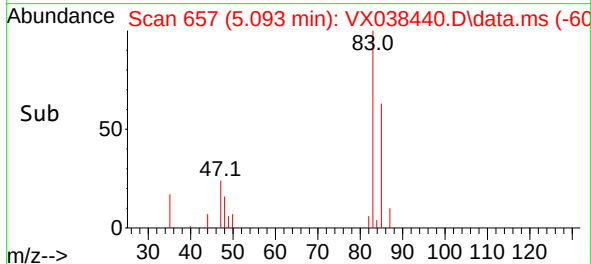
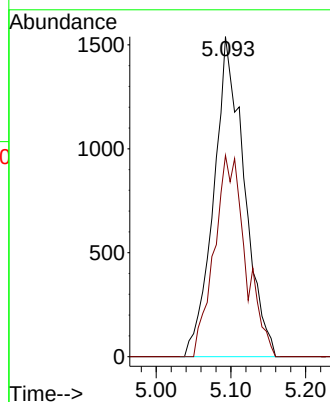
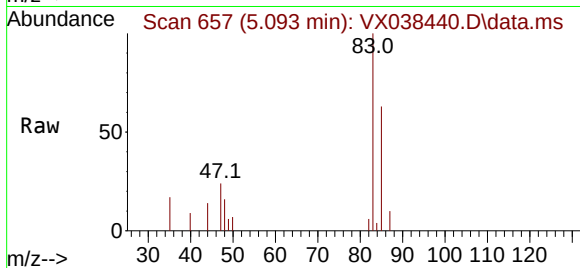
GW-25-37-40

Tgt Ion: 83 Resp: 4367

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 44.387 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038440.D

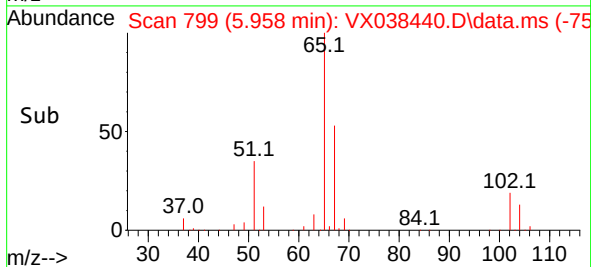
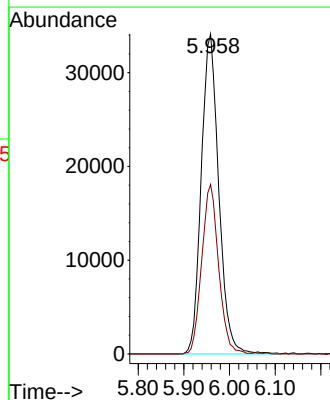
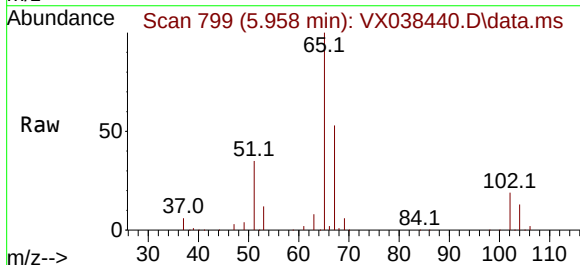
Acq: 23 Oct 2023 18:10

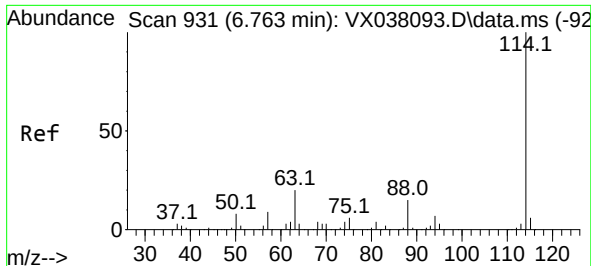
Tgt Ion: 65 Resp: 90693

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2

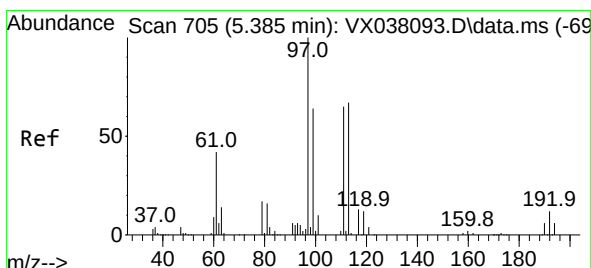
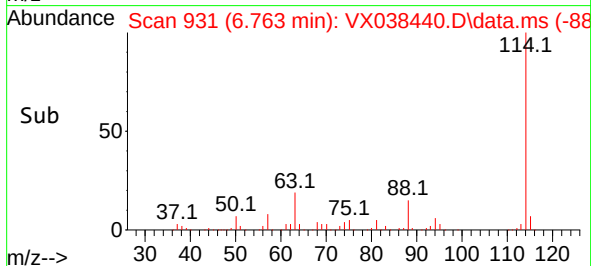
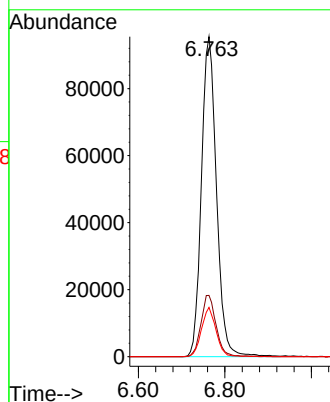
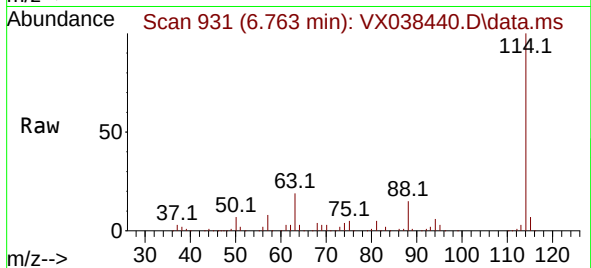




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

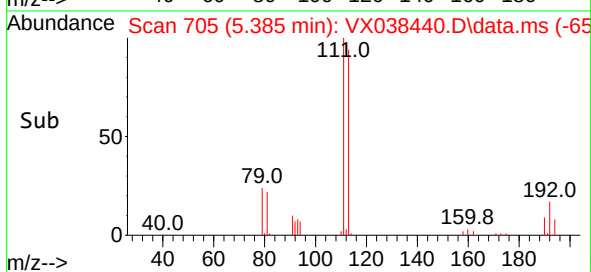
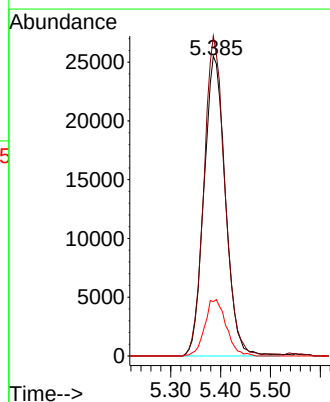
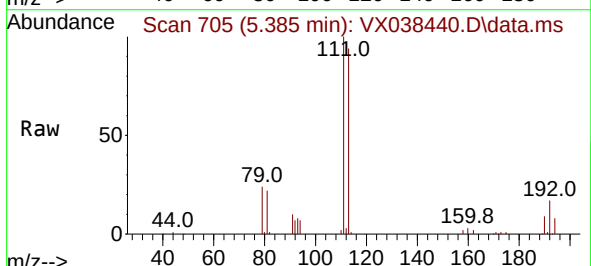
Instrument :
MSVOA_X
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GW-25-37-40

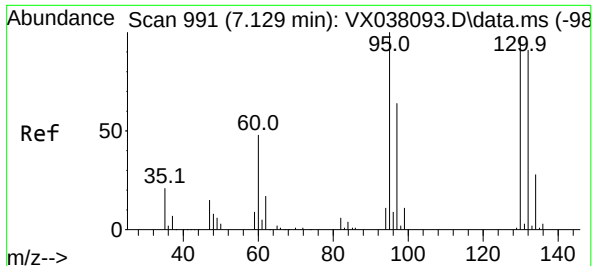
Tgt Ion:114 Resp: 230396
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.931 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion:113 Resp: 76253
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.8 13.3 19.9

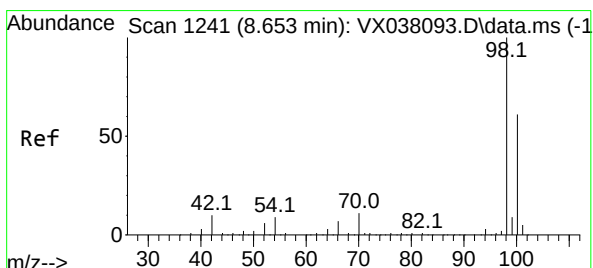
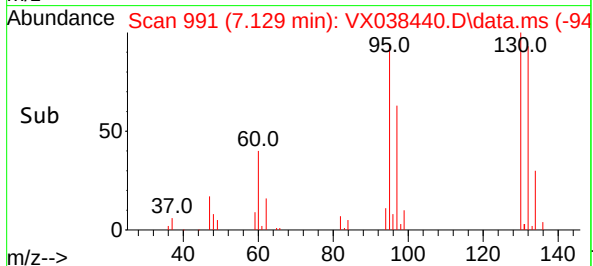
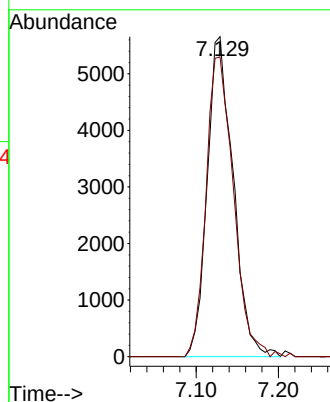
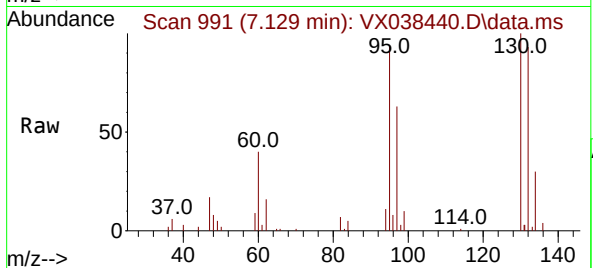




#44
Trichloroethene
Concen: 7.411 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

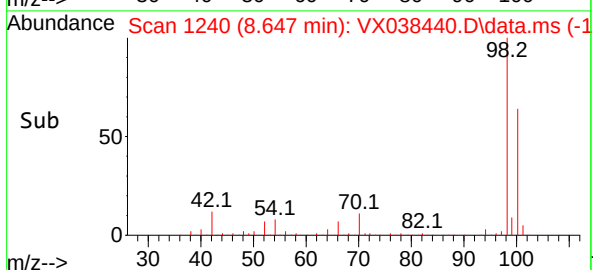
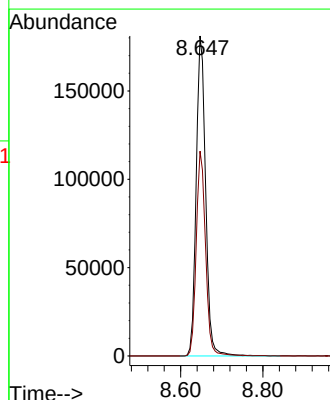
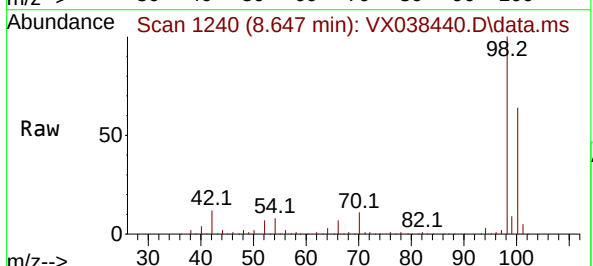
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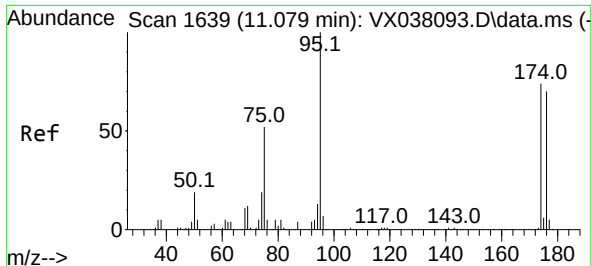
Tgt Ion:130 Resp: 12412
Ion Ratio Lower Upper
130 100
95 93.7 0.0 204.4



#50
Toluene-d8
Concen: 45.297 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion: 98 Resp: 287358
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

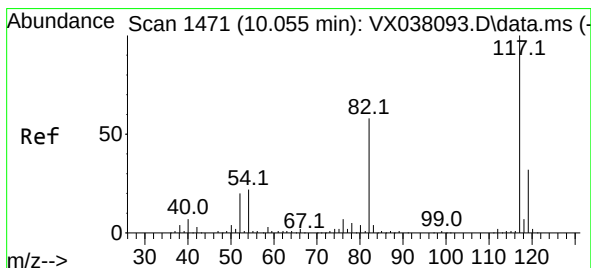
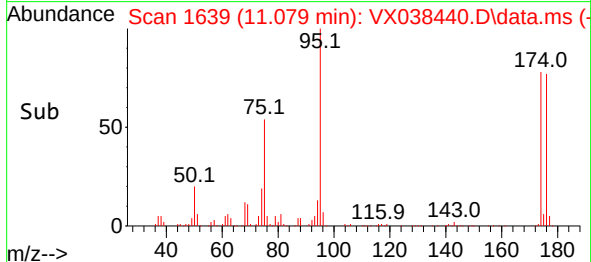
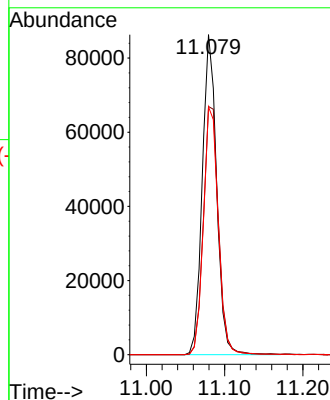
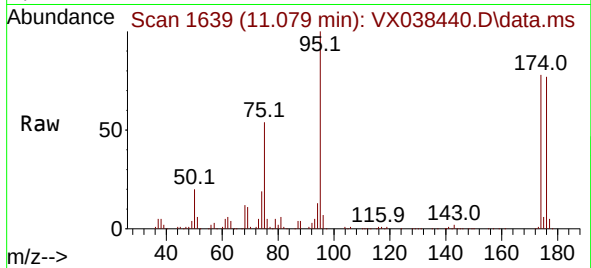




#62
4-Bromofluorobenzene
Concen: 45.671 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

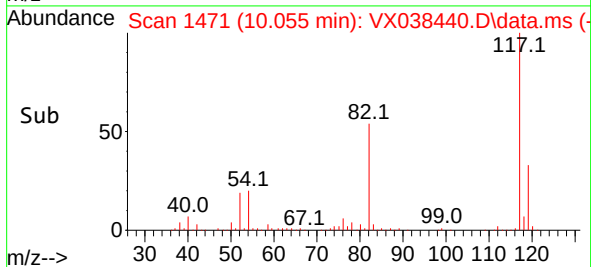
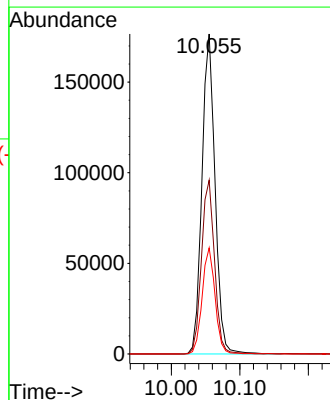
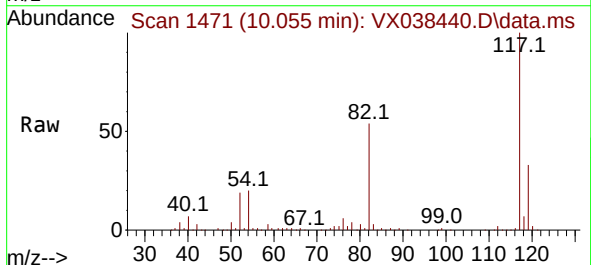
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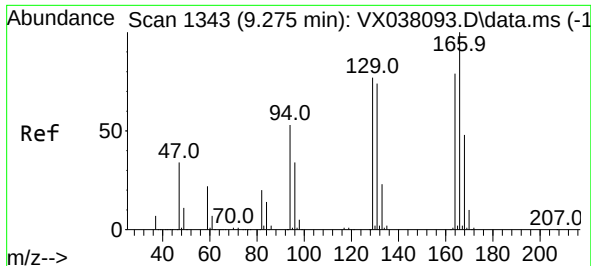
Tgt Ion: 95 Resp: 109839
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 80.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion: 117 Resp: 235389
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 33.1 25.5 38.3

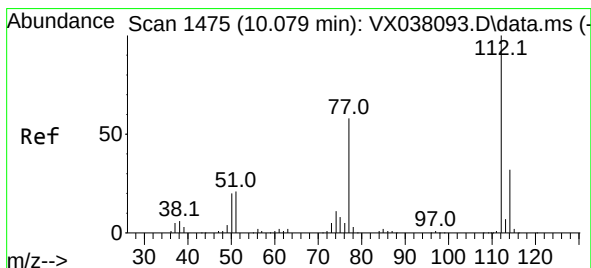
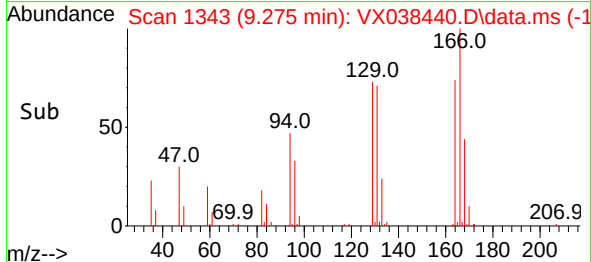
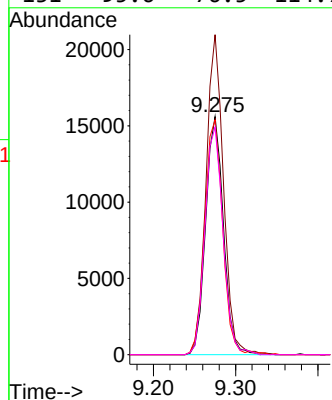
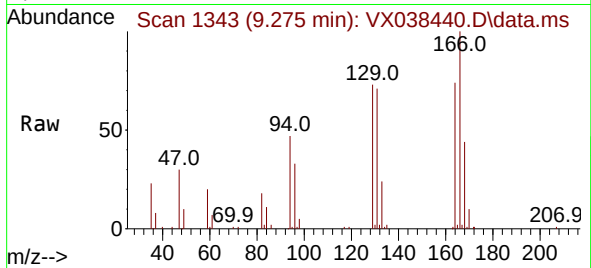




#64
Tetrachloroethene
Concen: 15.389 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

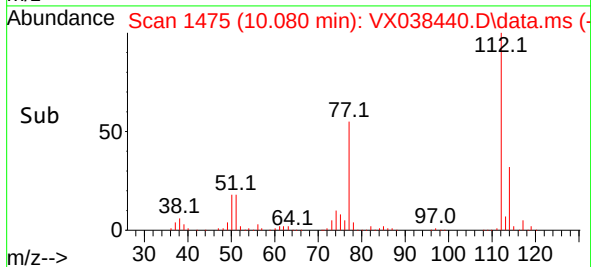
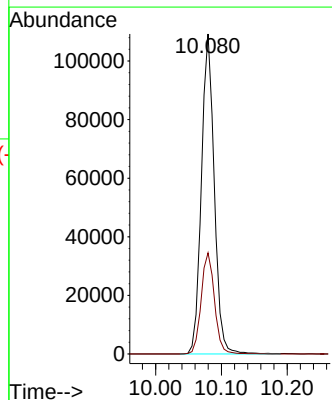
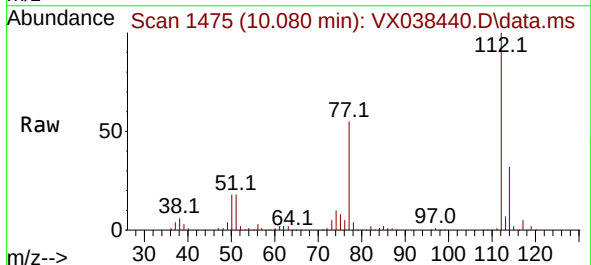
Instrument :
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GW-25-37-40

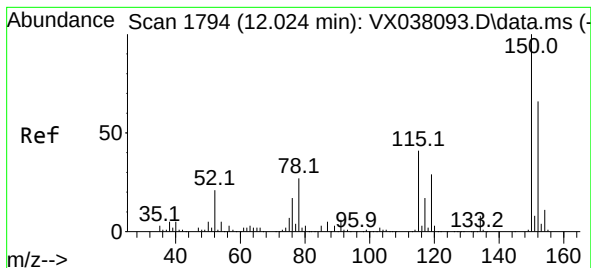
Tgt Ion:164 Resp: 23451
Ion Ratio Lower Upper
164 100
166 134.4 102.7 154.1
129 98.6 80.4 120.6
131 95.6 76.5 114.7



#65
Chlorobenzene
Concen: 30.170 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion:112 Resp: 148604
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038440.D

Acq: 23 Oct 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

GW-25-37-40

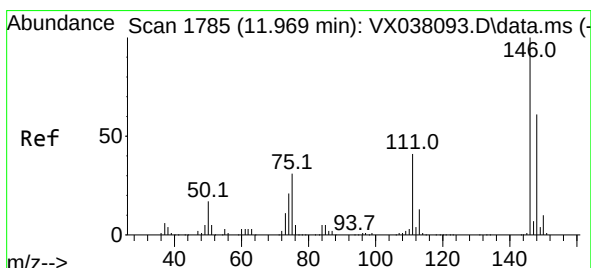
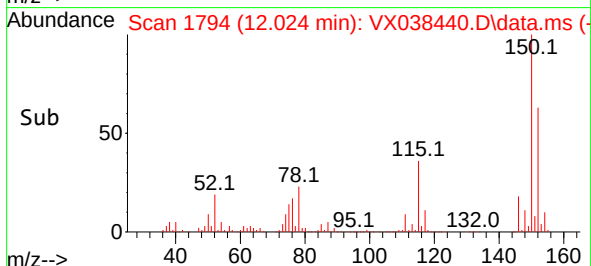
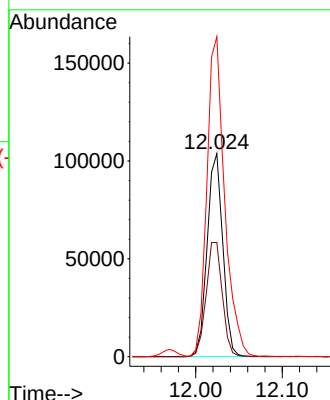
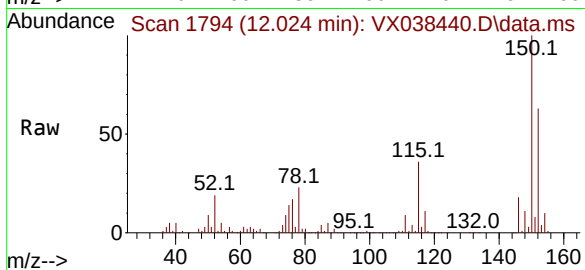
Tgt Ion:152 Resp: 130233

Ion Ratio Lower Upper

152 100

115 58.3 43.3 129.9

150 178.6 0.0 345.0



#87

1,3-Dichlorobenzene

Concen: 9.962 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX038440.D

Acq: 23 Oct 2023 18:10

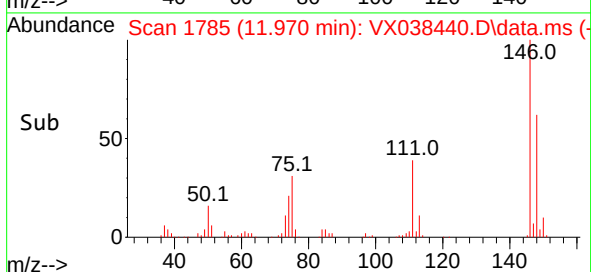
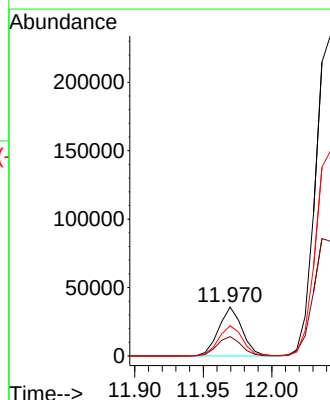
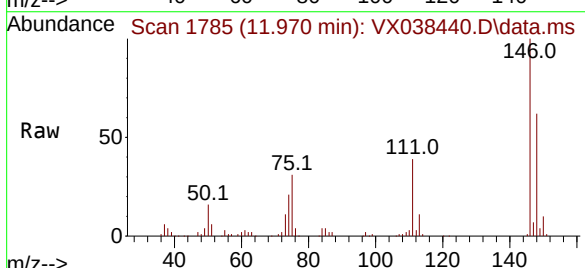
Tgt Ion:146 Resp: 42664

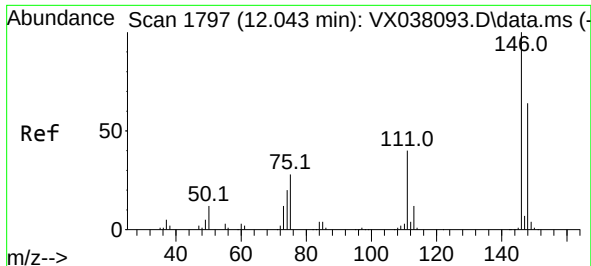
Ion Ratio Lower Upper

146 100

111 40.7 22.1 66.1

148 63.3 31.8 95.3

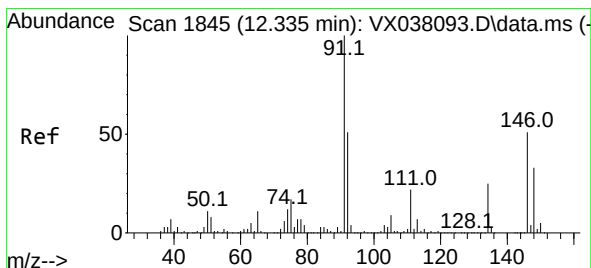
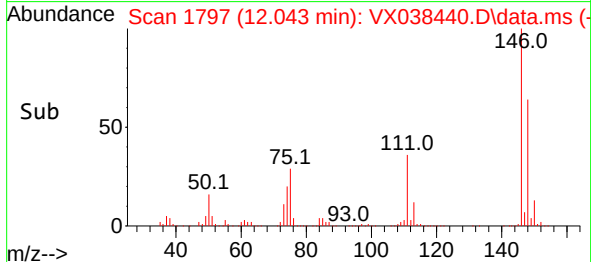
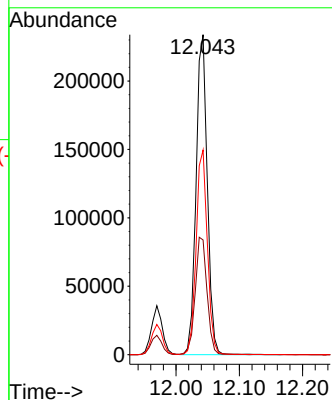
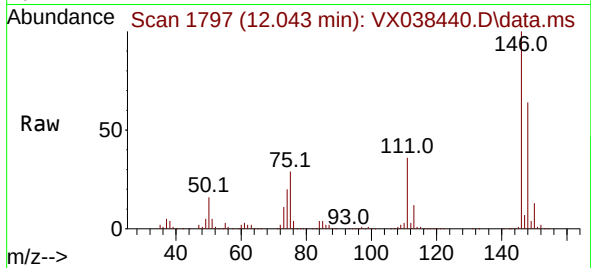




#88
1,4-Dichlorobenzene
Concen: 66.139 ug/l
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

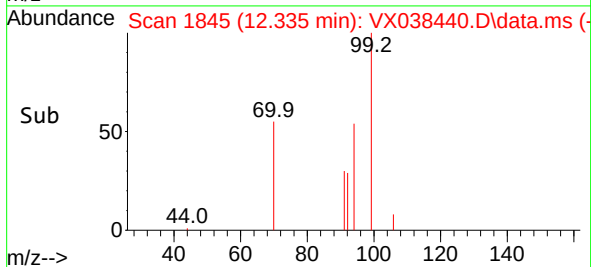
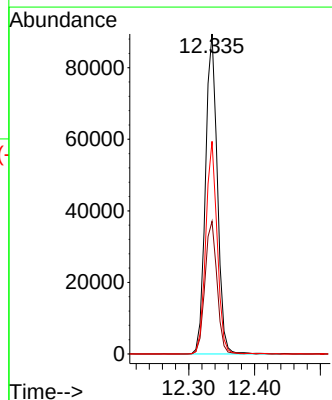
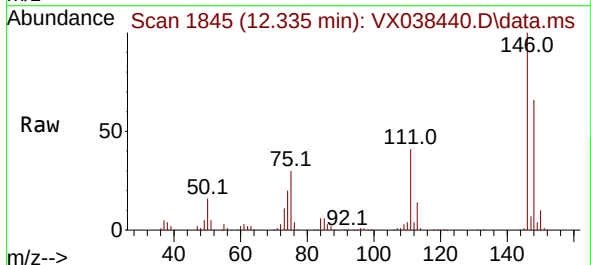
Instrument :
MSVOA_X
ClientSampleId :
GW-25-37-40

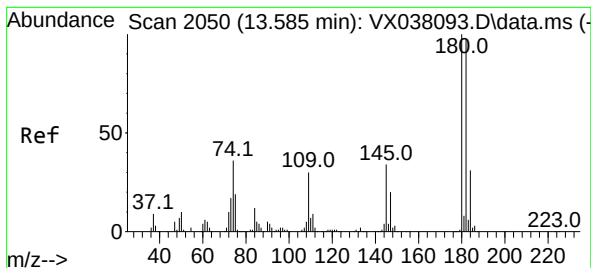
Tgt Ion:146 Resp: 289190
Ion Ratio Lower Upper
146 100
111 38.6 21.3 63.7
148 63.9 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 27.247 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038440.D
Acq: 23 Oct 2023 18:10

Tgt Ion:146 Resp: 112170
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 63.9 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 1360.202 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038440.D

Acq: 23 Oct 2023 18:10

Instrument :

MSVOA_X

ClientSampleId :

GW-25-37-40

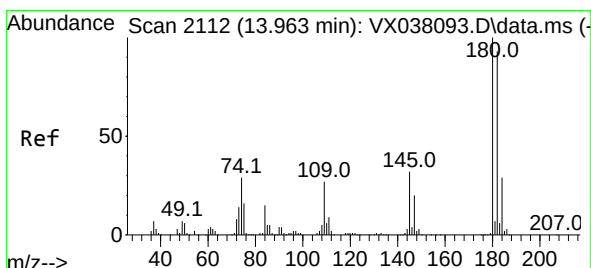
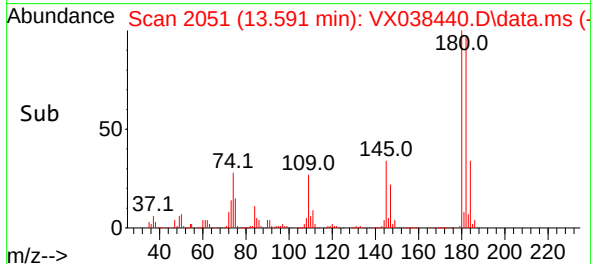
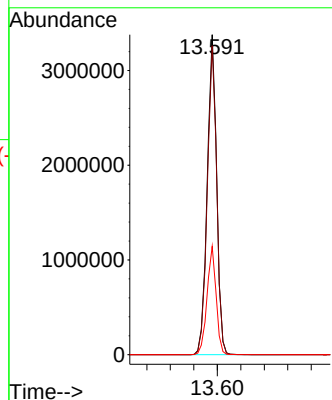
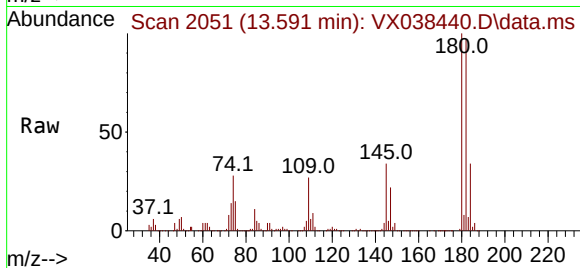
Tgt Ion:180 Resp: 3755752

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.8

145 32.8 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 349.423 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038440.D

Acq: 23 Oct 2023 18:10

Tgt Ion:180 Resp: 934199

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 33.2 17.8 53.5

