

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038201.D
 Acq On : 10 Oct 2023 15:09
 Operator : JC/MD
 Sample : 04782-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-4-10-13

Quant Time: Oct 11 01:38:48 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)

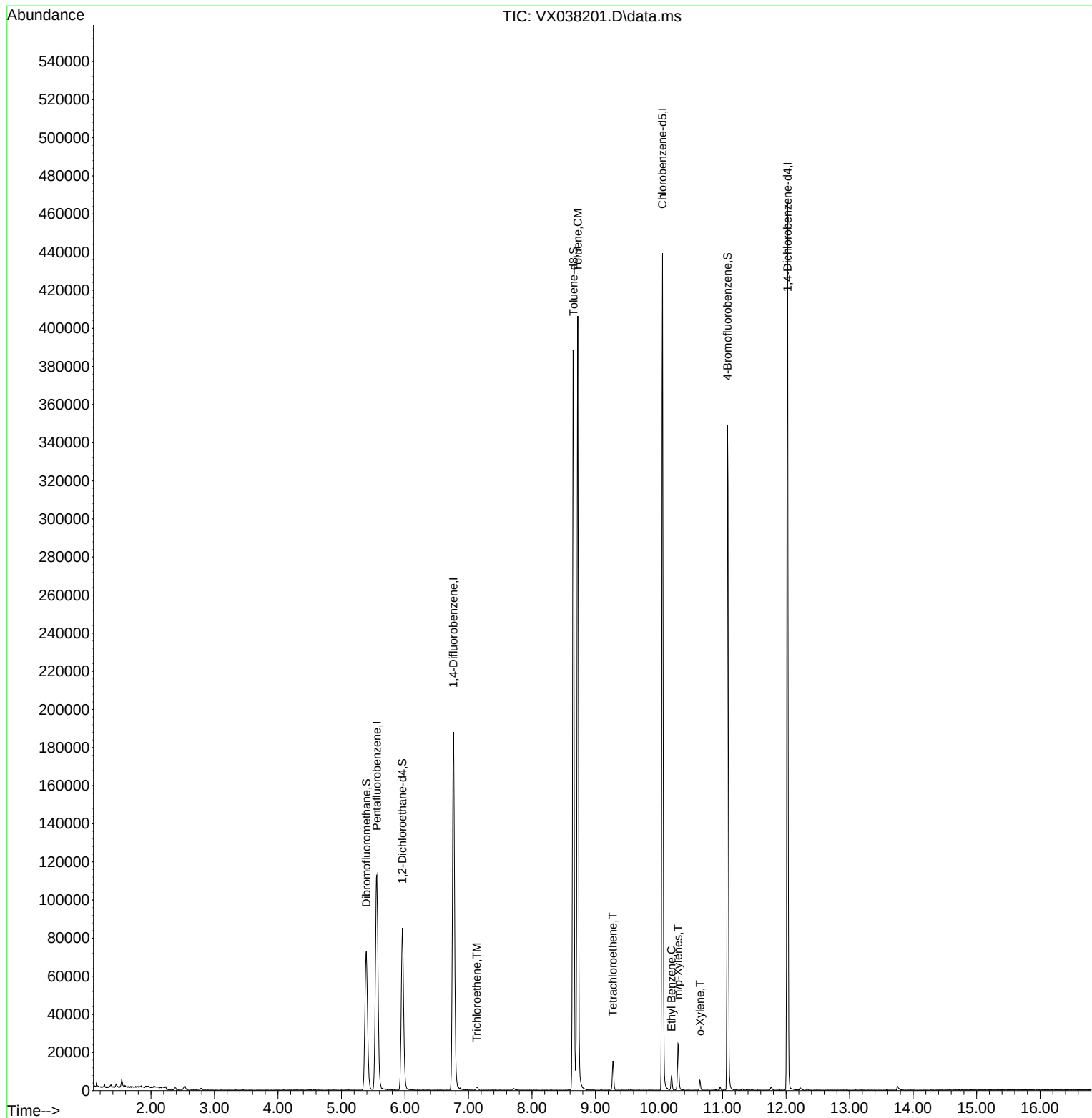
Internal Standards						
1) Pentafluorobenzene	5.556	168	106739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79284	46.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.391	113	62429	45.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.860%
50) Toluene-d8	8.653	98	243223	46.318	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	88690	44.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	855	0.617	ug/l	79
52) Toluene	8.720	92	147296	42.663	ug/l	92
64) Tetrachloroethene	9.275	164	2731	2.210	ug/l	94
67) Ethyl Benzene	10.195	91	4964	0.696	ug/l	97
68) m/p-Xylenes	10.299	106	6007	2.179	ug/l	99
69) o-Xylene	10.646	106	1217	0.452	ug/l	94

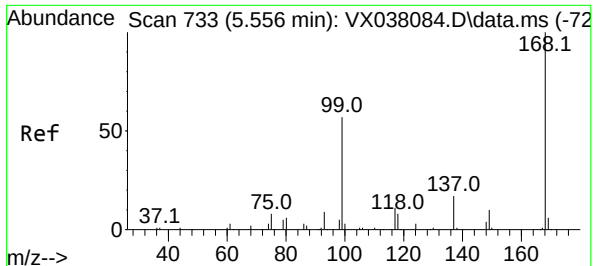
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

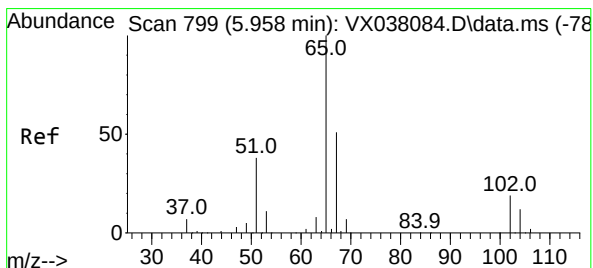
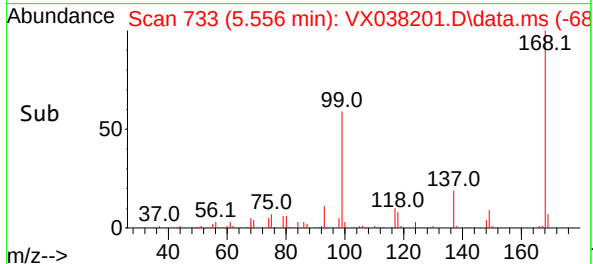
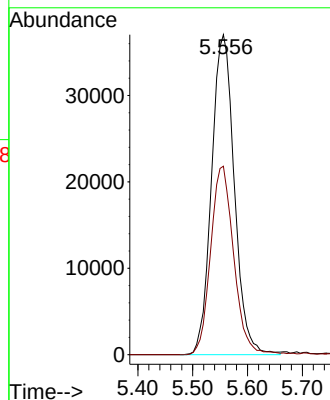
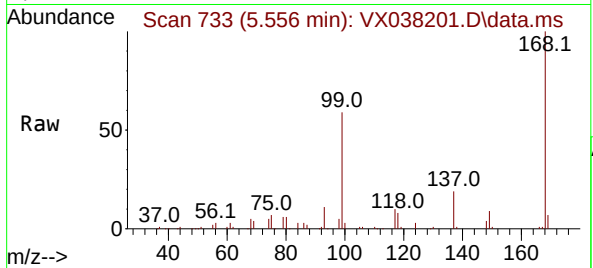




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

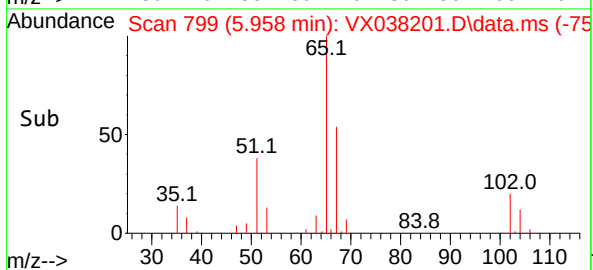
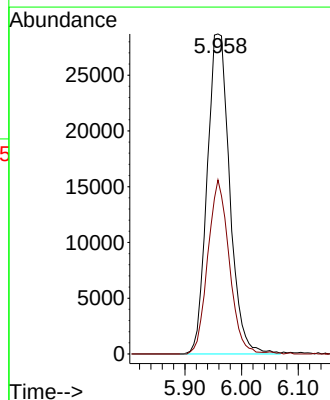
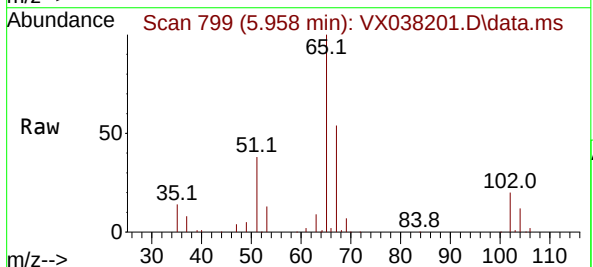
Instrument :
MSVOA_X
ClientSampleId :
GW-4-10-13

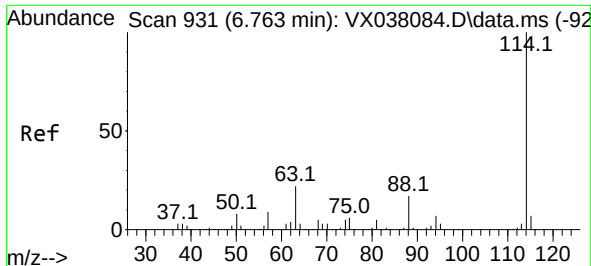
Tgt Ion:168 Resp: 106739
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.180 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Tgt Ion: 65 Resp: 79284
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

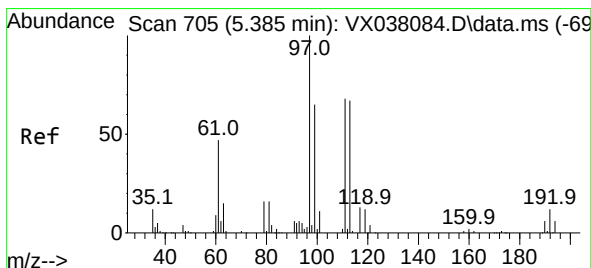
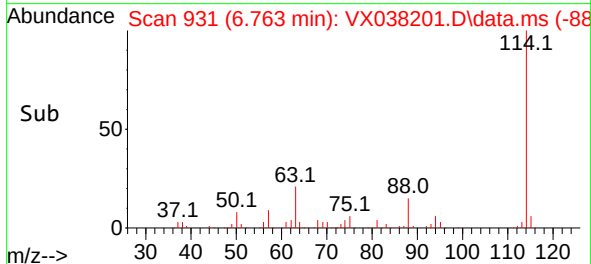
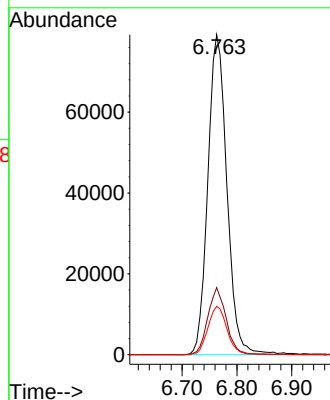
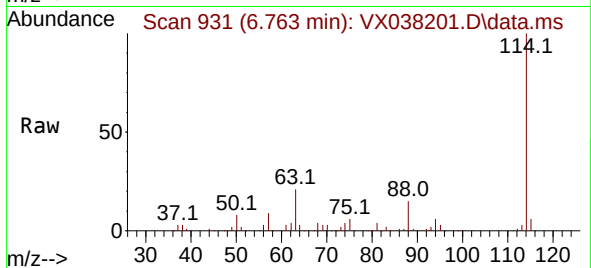




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

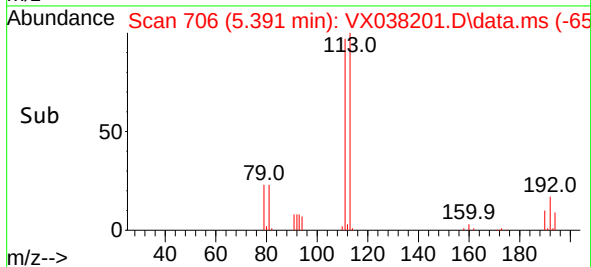
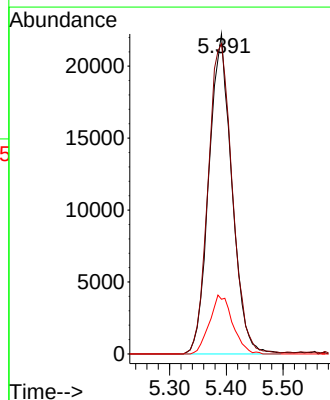
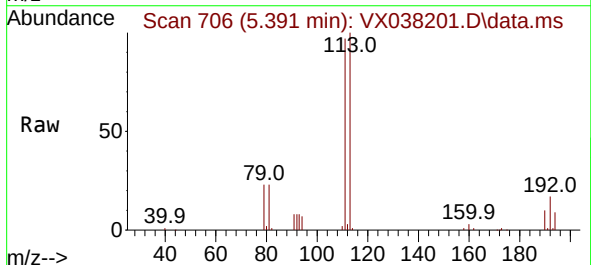
Instrument :
MSVOA_X
ClientSampleId :
GW-4-10-13

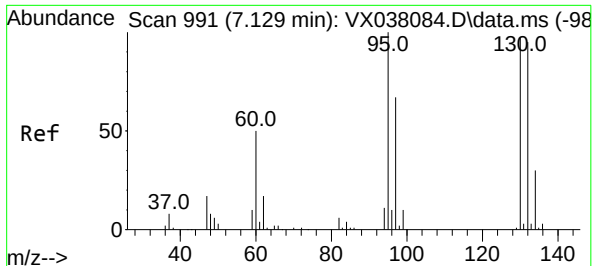
Tgt Ion:114 Resp: 190710
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.430 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Tgt Ion:113 Resp: 62429
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.5 13.3 19.9

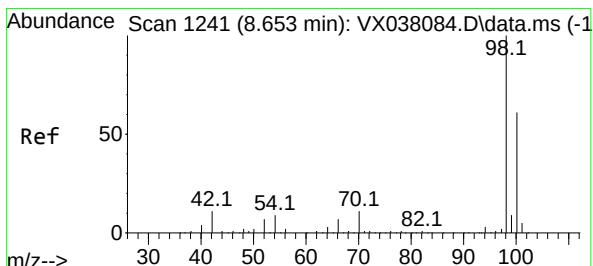
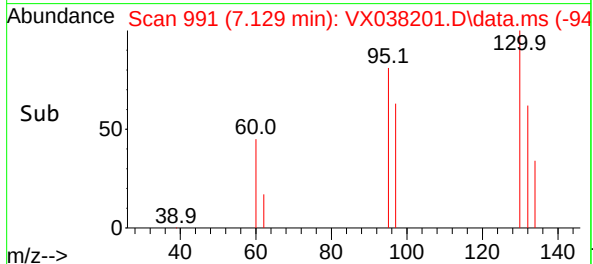
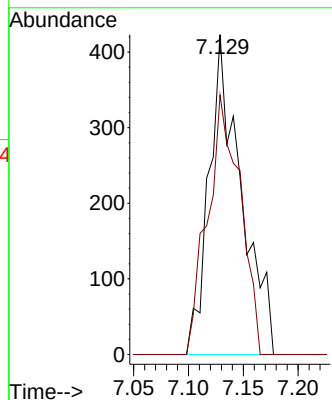
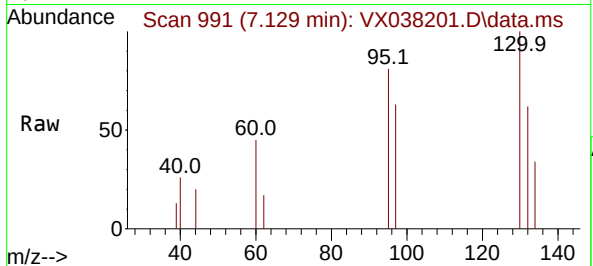




#44
Trichloroethene
Concen: 0.617 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

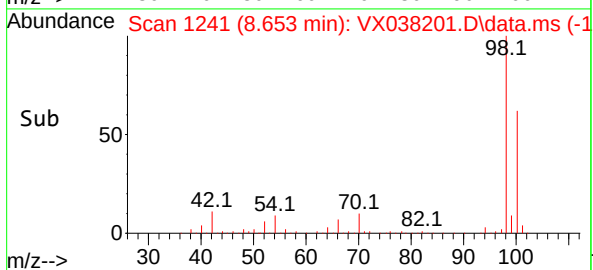
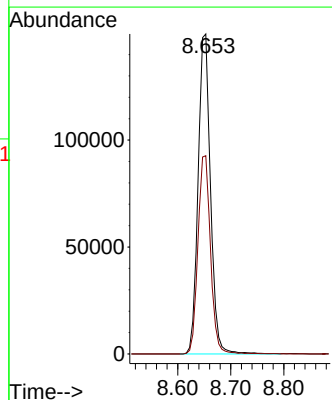
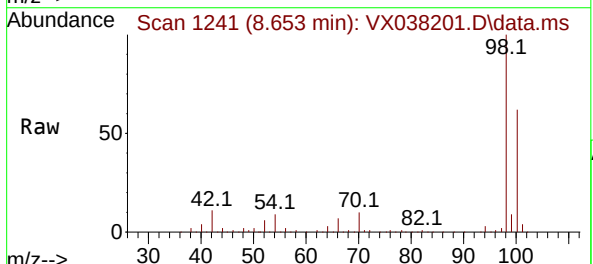
Instrument :
MSVOA_X
ClientSampleId :
GW-4-10-13

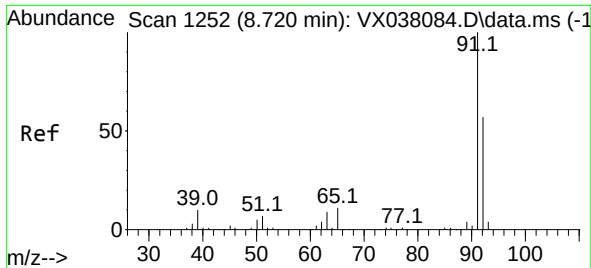
Tgt Ion:130 Resp: 855
Ion Ratio Lower Upper
130 100
95 81.1 0.0 204.4



#50
Toluene-d8
Concen: 46.318 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Tgt Ion: 98 Resp: 243223
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7

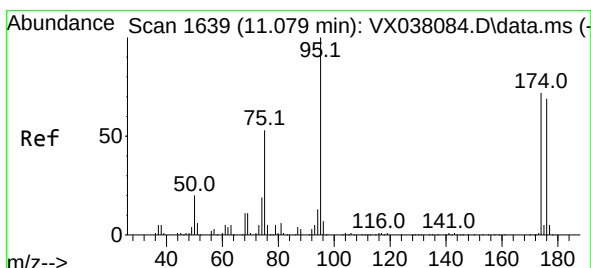
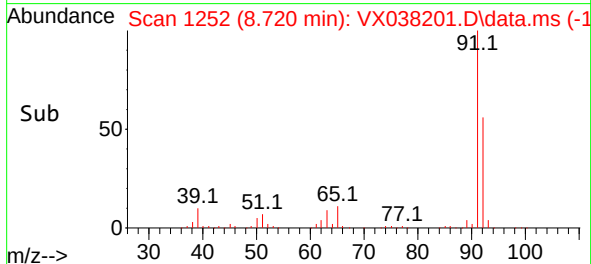
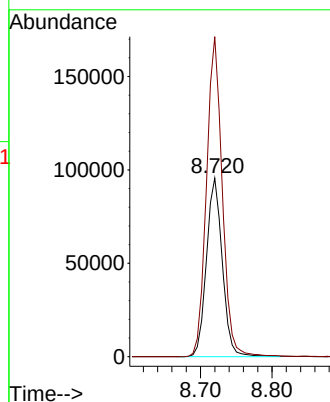
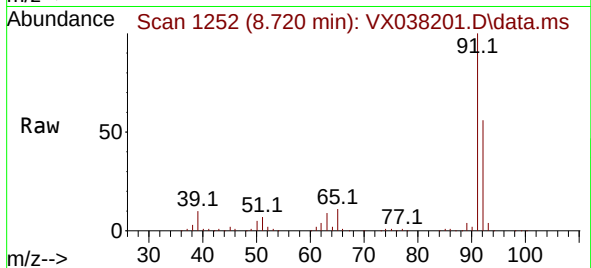




#52
Toluene
Concen: 42.663 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

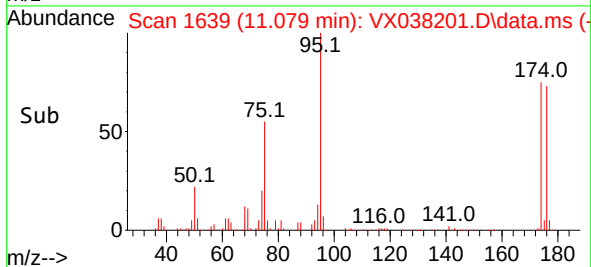
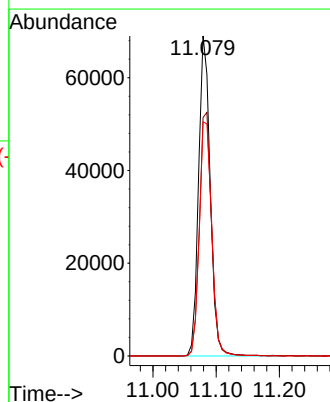
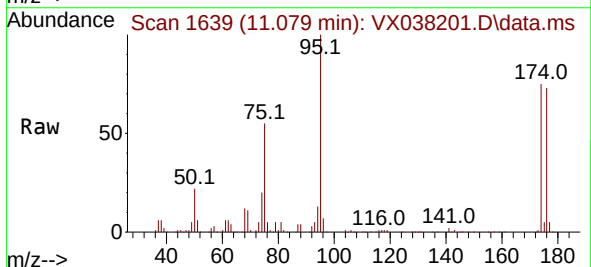
Instrument :
MSVOA_X
ClientSampleId :
GW-4-10-13

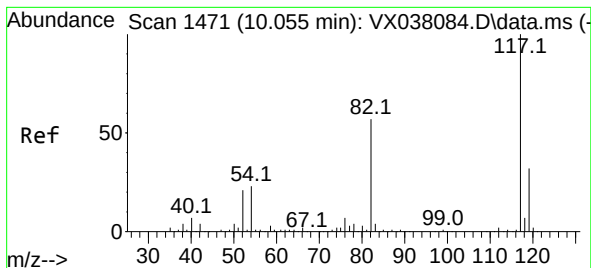
Tgt Ion: 92 Resp: 147296
Ion Ratio Lower Upper
92 100
91 178.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 44.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Tgt Ion: 95 Resp: 88690
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 78.0 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: VX038201.D

Acq: 10 Oct 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

GW-4-10-13

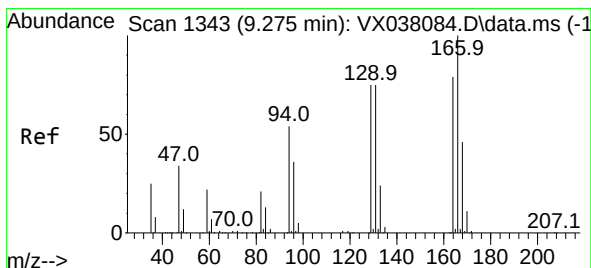
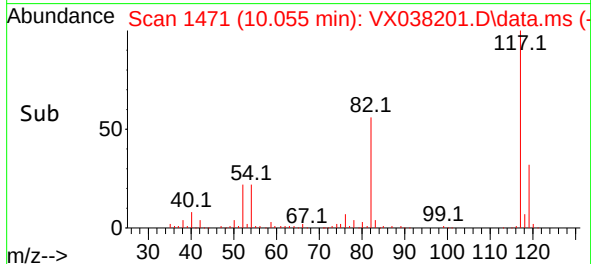
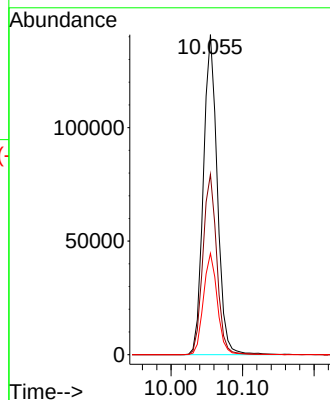
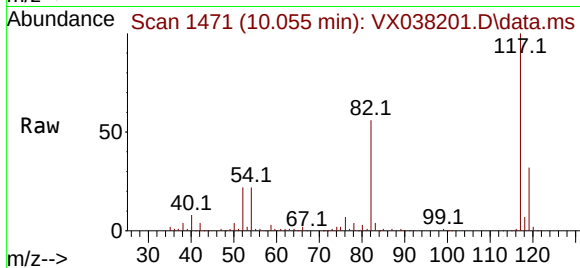
Tgt Ion:117 Resp: 190904

Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 2.210 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038201.D

Acq: 10 Oct 2023 15:09

Tgt Ion:164 Resp: 2731

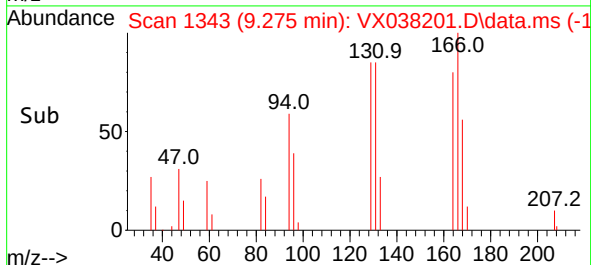
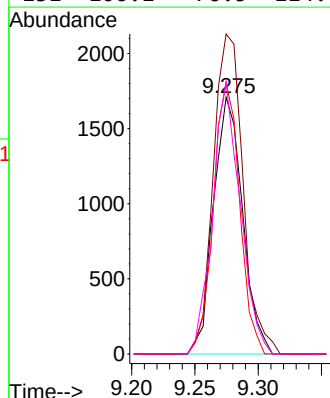
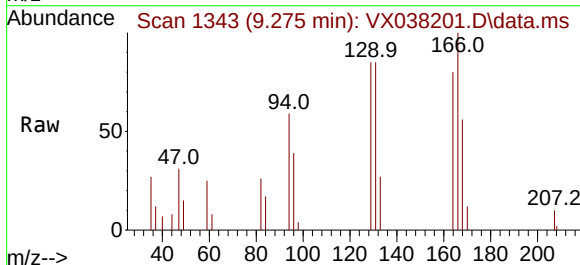
Ion Ratio Lower Upper

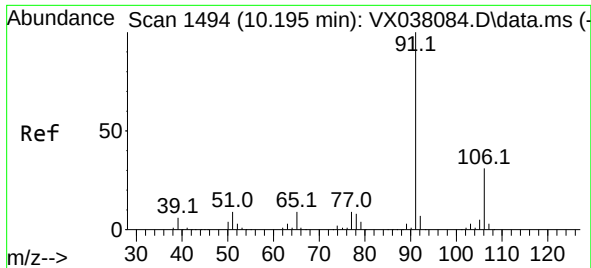
164 100

166 124.7 102.7 154.1

129 105.4 80.4 120.6

131 106.1 76.5 114.7

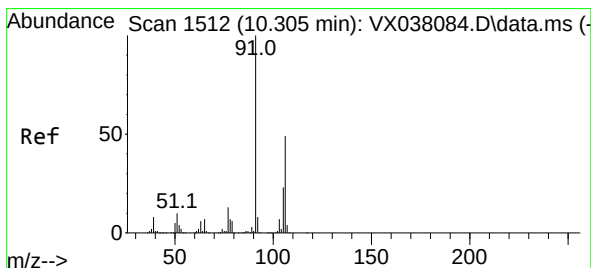
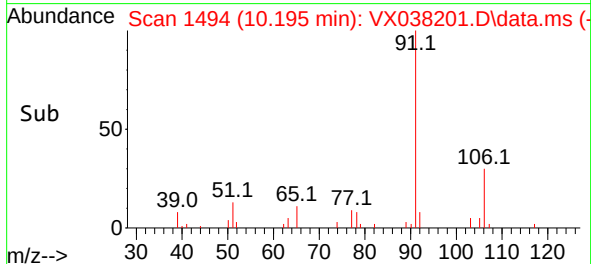
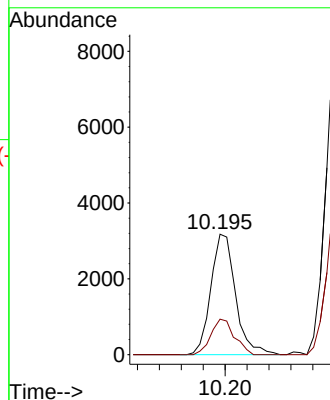
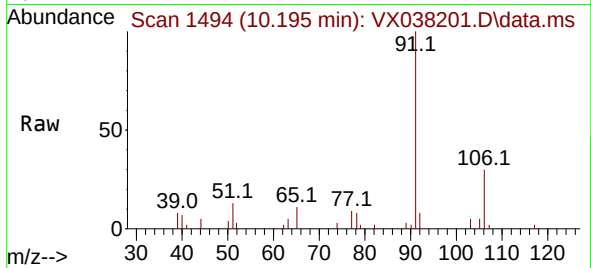




#67
Ethyl Benzene
Concen: 0.696 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

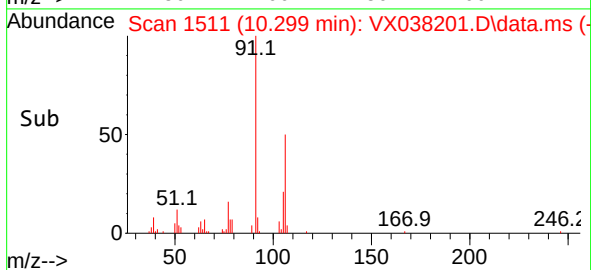
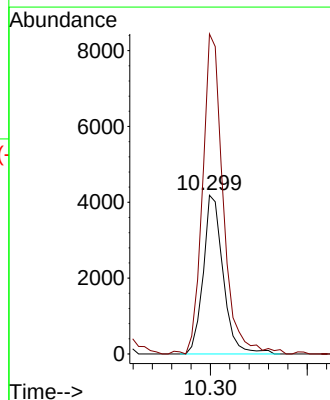
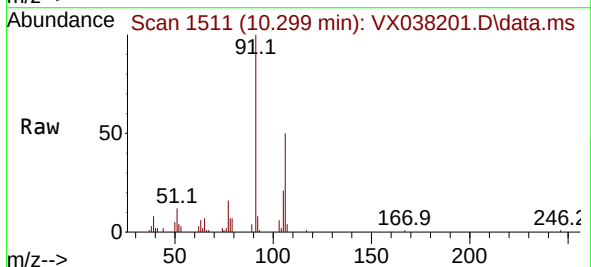
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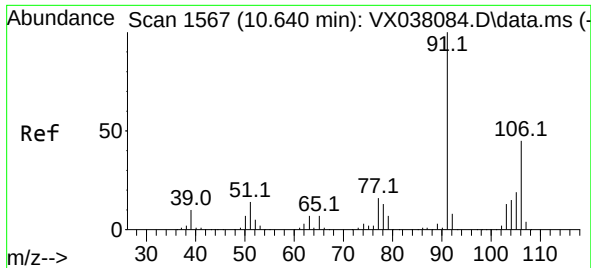
Tgt Ion: 91 Resp: 4964
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3



#68
m/p-Xylenes
Concen: 2.179 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Tgt Ion: 106 Resp: 6007
Ion Ratio Lower Upper
106 100
91 208.1 165.5 248.3

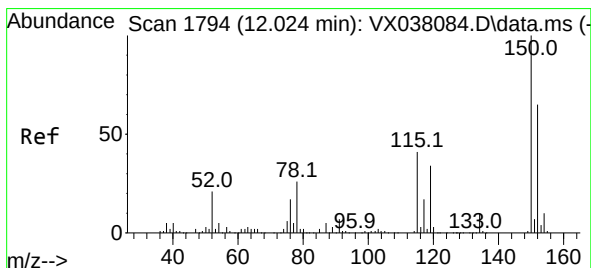
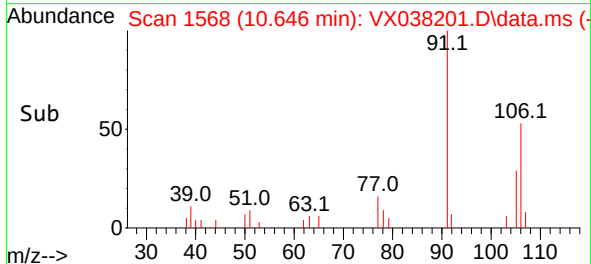
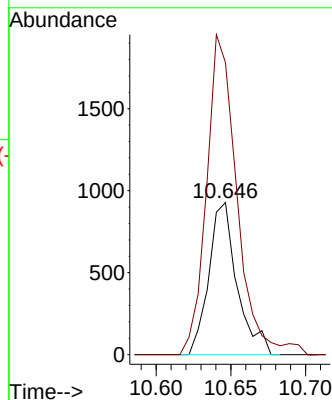
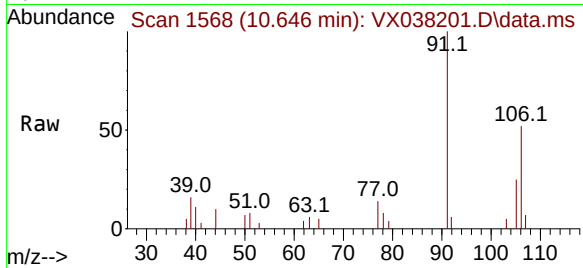




#69
o-Xylene
Concen: 0.452 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
GW-4-10-13

Tgt Ion:106 Resp: 1217
Ion Ratio Lower Upper
106 100
91 226.9 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038201.D
Acq: 10 Oct 2023 15:09

Tgt Ion:152 Resp: 94183
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 156.3 0.0 345.0

