

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038312.D
 Acq On : 16 Oct 2023 18:27
 Operator : JC/MD
 Sample : 04899-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-10-13

Quant Time: Oct 17 01:26:51 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)

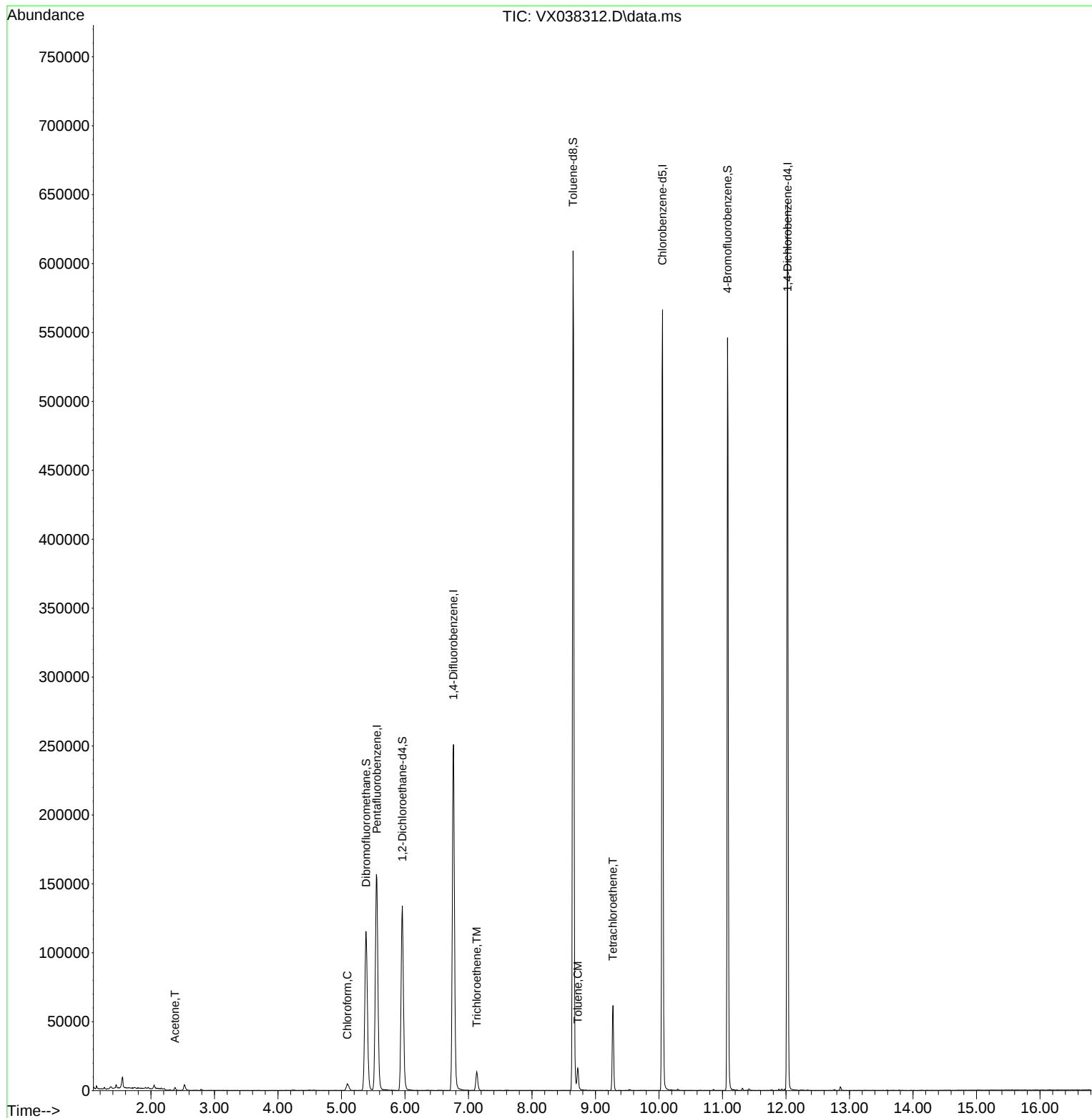
Internal Standards						
1) Pentafluorobenzene	5.556	168	145802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125773	53.631	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.260%	
35) Dibromofluoromethane	5.385	113	96850	52.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.780%	
50) Toluene-d8	8.647	98	369072	52.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	11.079	95	138554	51.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.480%	
Target Compounds						
						Qvalue
16) Acetone	2.380	43	1973	2.016	ug/l	# 88
30) Chloroform	5.093	83	5455	1.644	ug/l	95
44) Trichloroethene	7.129	130	4889	2.622	ug/l	93
52) Toluene	8.720	92	5639	1.214	ug/l	84
64) Tetrachloroethene	9.275	164	11107	6.754	ug/l	99

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

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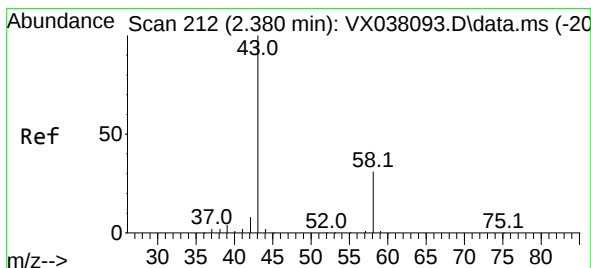
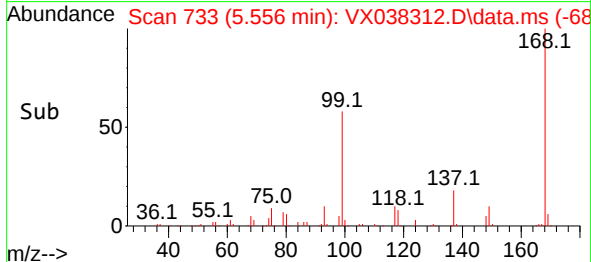
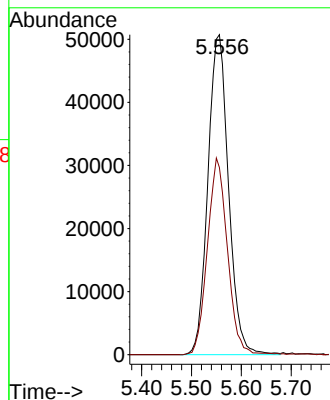
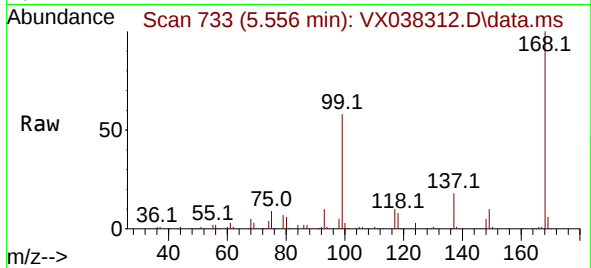




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

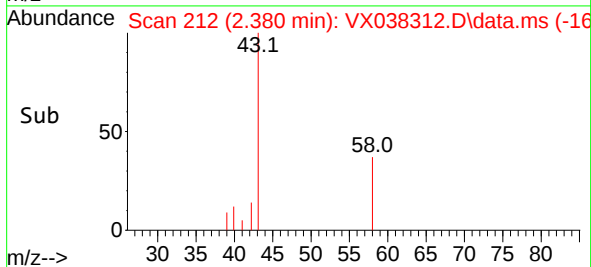
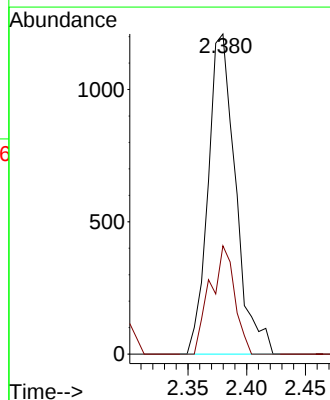
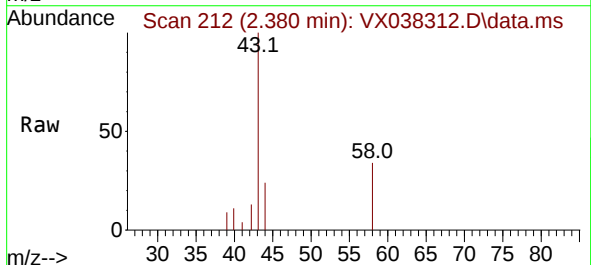
Instrument :
MSVOA_X
ClientSampleId :
GW-18-10-13

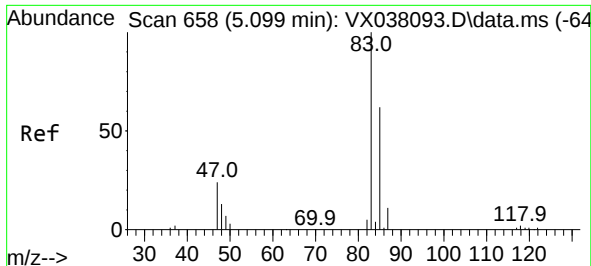
Tgt Ion:168 Resp: 145802
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#16
Acetone
Concen: 2.016 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 43 Resp: 1973
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#





#30

Chloroform

Concen: 1.644 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038312.D

Acq: 16 Oct 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

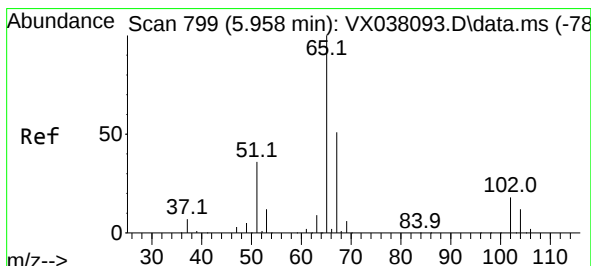
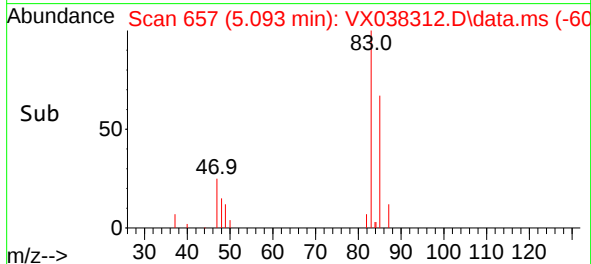
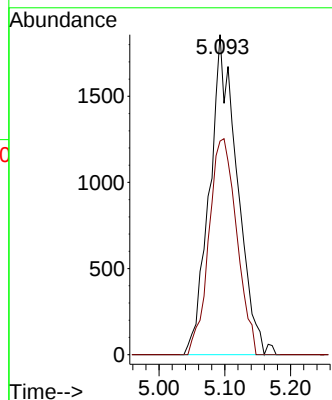
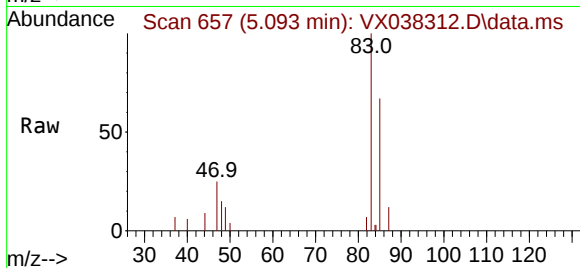
GW-18-10-13

Tgt Ion: 83 Resp: 5455

Ion Ratio Lower Upper

83 100

85 66.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 53.631 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038312.D

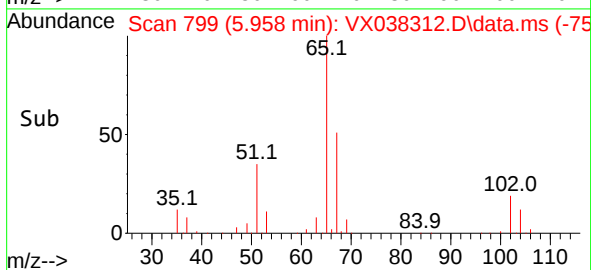
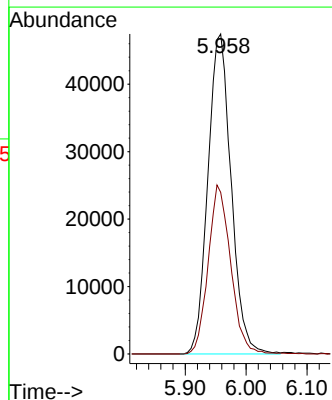
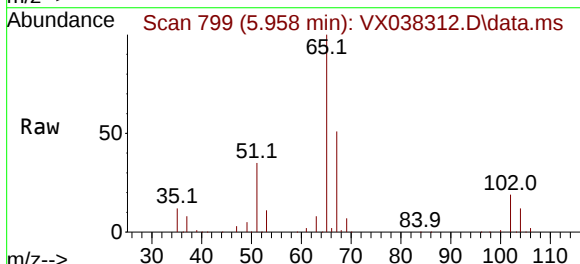
Acq: 16 Oct 2023 18:27

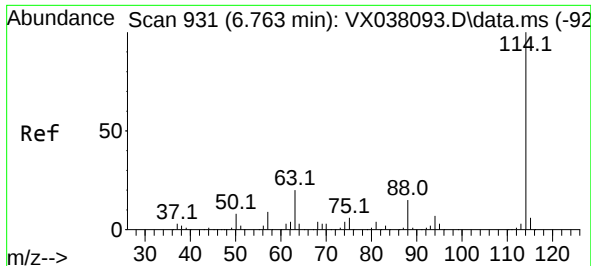
Tgt Ion: 65 Resp: 125773

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2

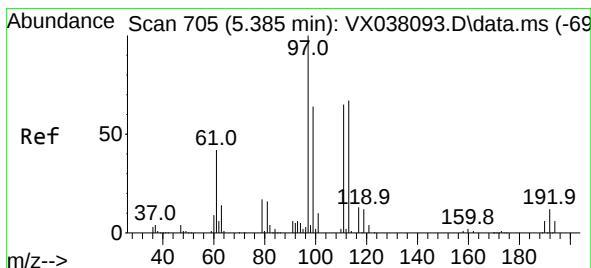
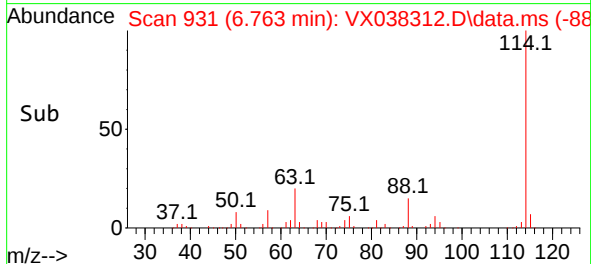
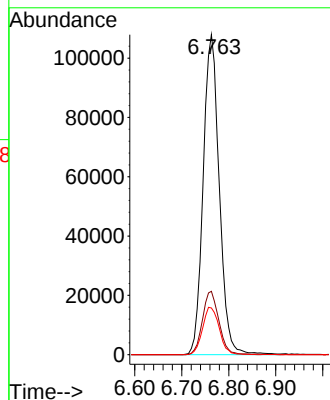
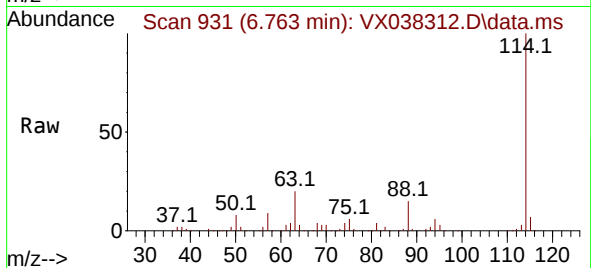




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

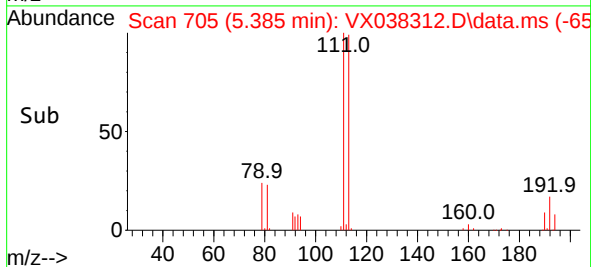
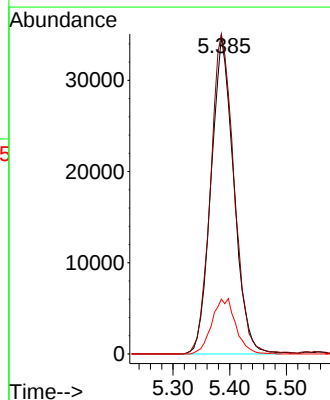
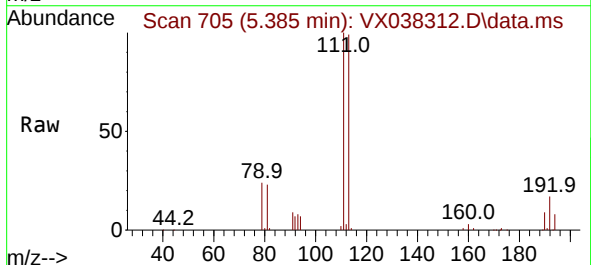
Instrument :
MSVOA_X
ClientSampleId :
GW-18-10-13

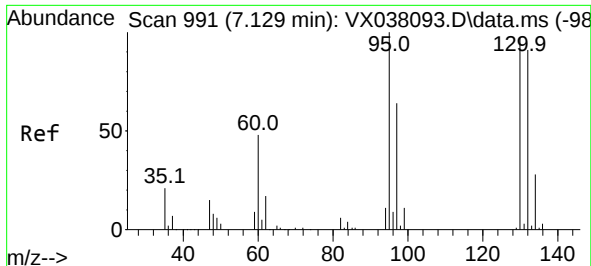
Tgt Ion:114 Resp: 256539
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.393 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion:113 Resp: 96850
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9

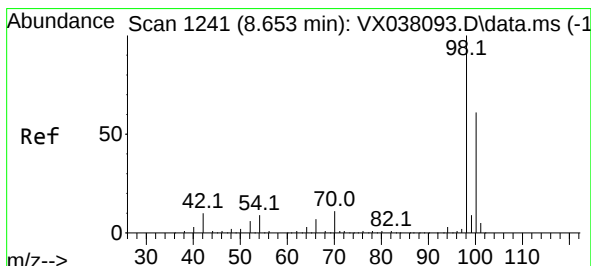
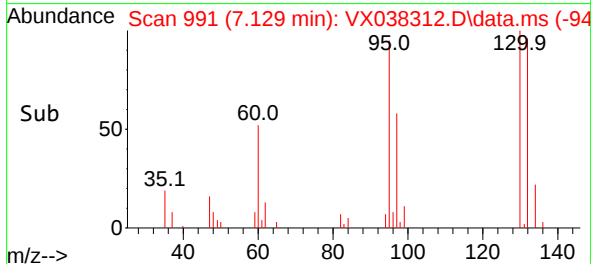
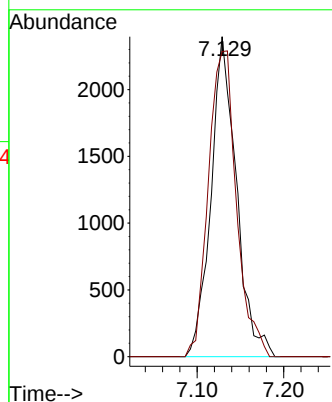
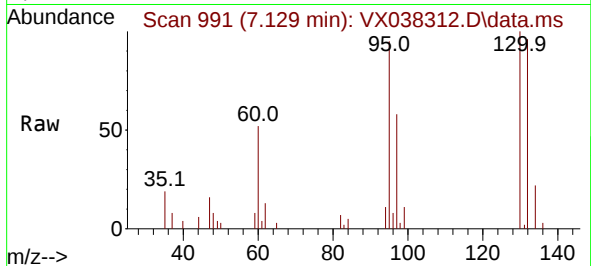




#44
Trichloroethene
Concen: 2.622 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

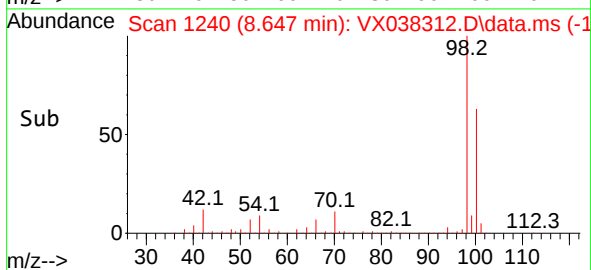
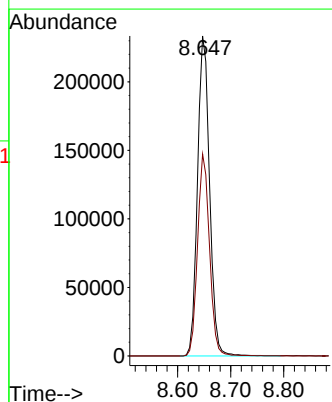
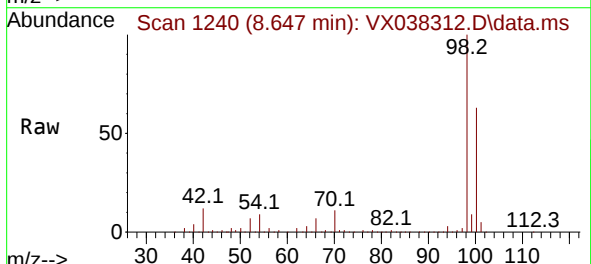
Instrument :
MSVOA_X
ClientSampleId :
GW-18-10-13

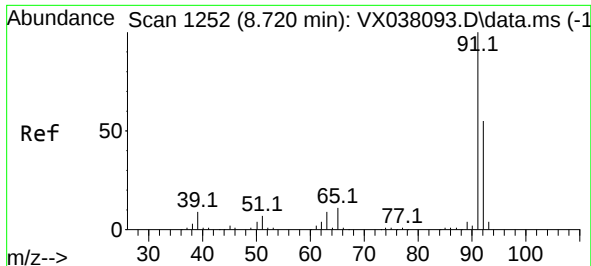
Tgt Ion:130 Resp: 4889
Ion Ratio Lower Upper
130 100
95 95.4 0.0 204.4



#50
Toluene-d8
Concen: 52.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 98 Resp: 369072
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7

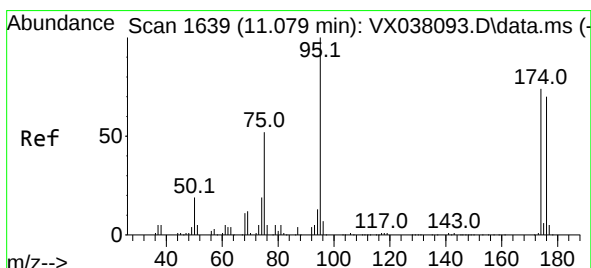
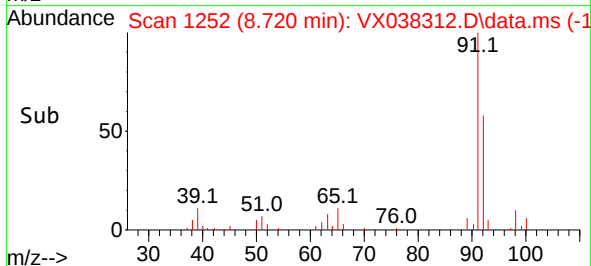
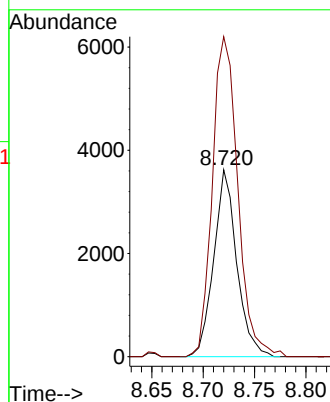
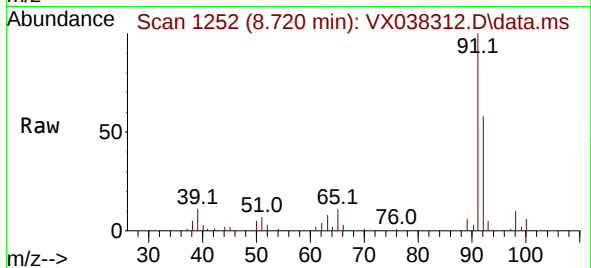




#52
Toluene
Concen: 1.214 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

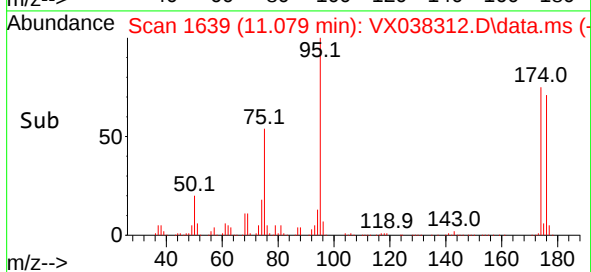
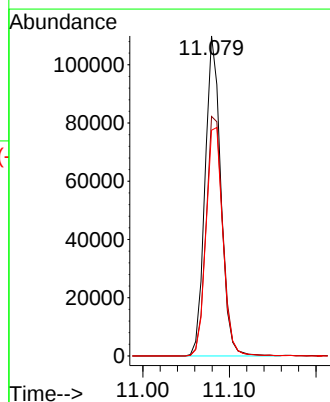
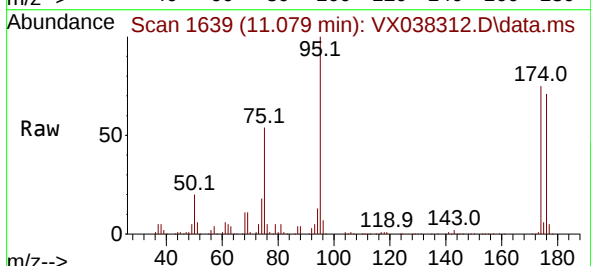
Instrument :
MSVOA_X
ClientSampleId :
GW-18-10-13

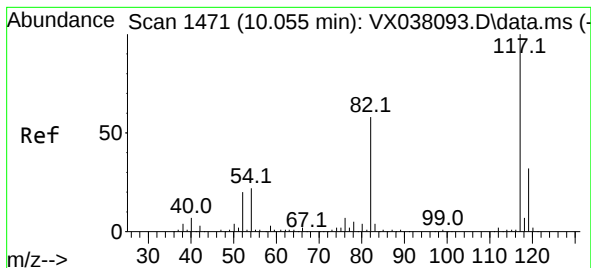
Tgt Ion: 92 Resp: 5639
Ion Ratio Lower Upper
92 100
91 189.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038312.D
Acq: 16 Oct 2023 18:27

Tgt Ion: 95 Resp: 138554
Ion Ratio Lower Upper
95 100
174 79.7 0.0 135.6
176 76.5 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: VX038312.D

Acq: 16 Oct 2023 18:27

Instrument :

MSVOA_X

ClientSampleId :

GW-18-10-13

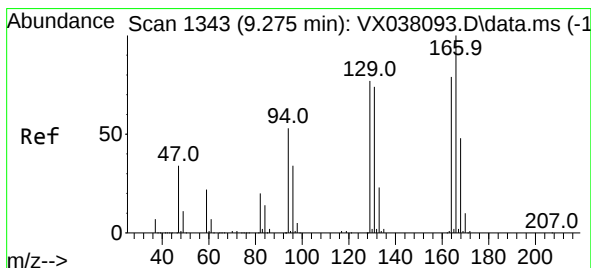
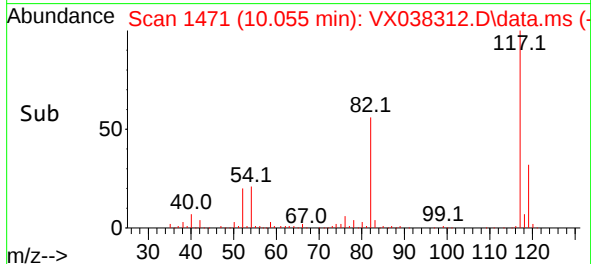
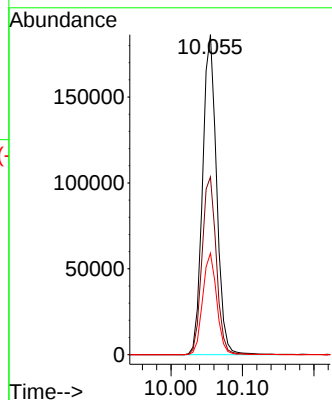
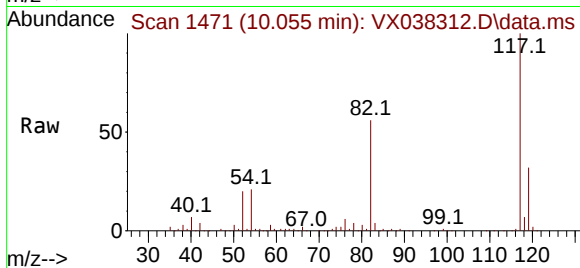
Tgt Ion:117 Resp: 254019

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 6.754 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038312.D

Acq: 16 Oct 2023 18:27

Tgt Ion:164 Resp: 11107

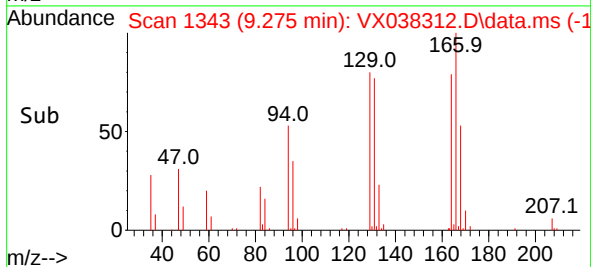
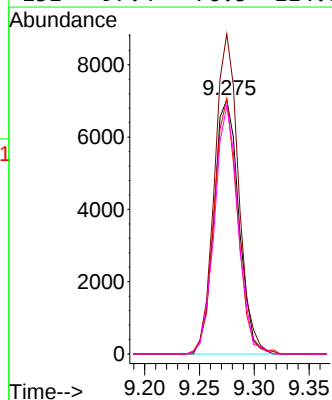
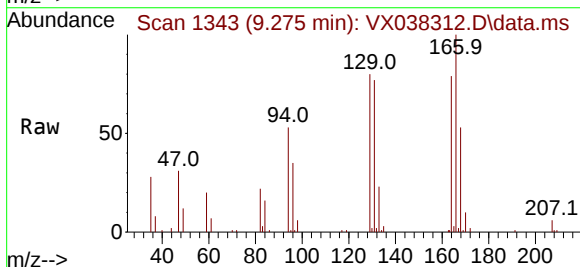
Ion Ratio Lower Upper

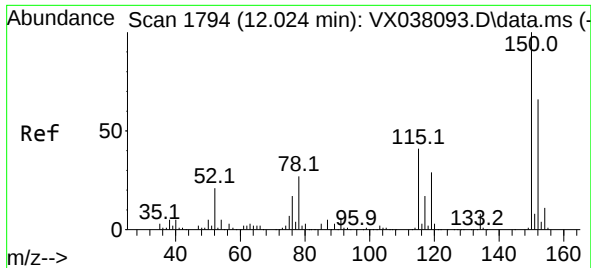
164 100

166 125.8 102.7 154.1

129 100.4 80.4 120.6

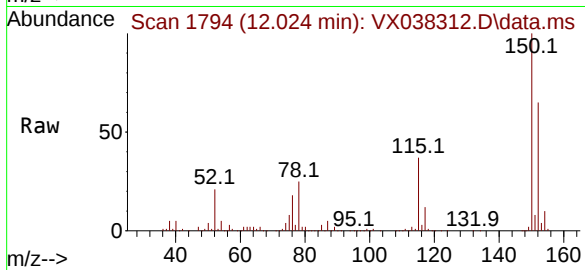
131 97.4 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038312.D
 Acq: 16 Oct 2023 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-18-10-13



Tgt Ion:152 Resp: 132184
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 156.0 0.0 345.0

