

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038362.D
 Acq On : 18 Oct 2023 15:02
 Operator : JC/MD
 Sample : 04940-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-20-10-13

Quant Time: Oct 19 01:41:01 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)

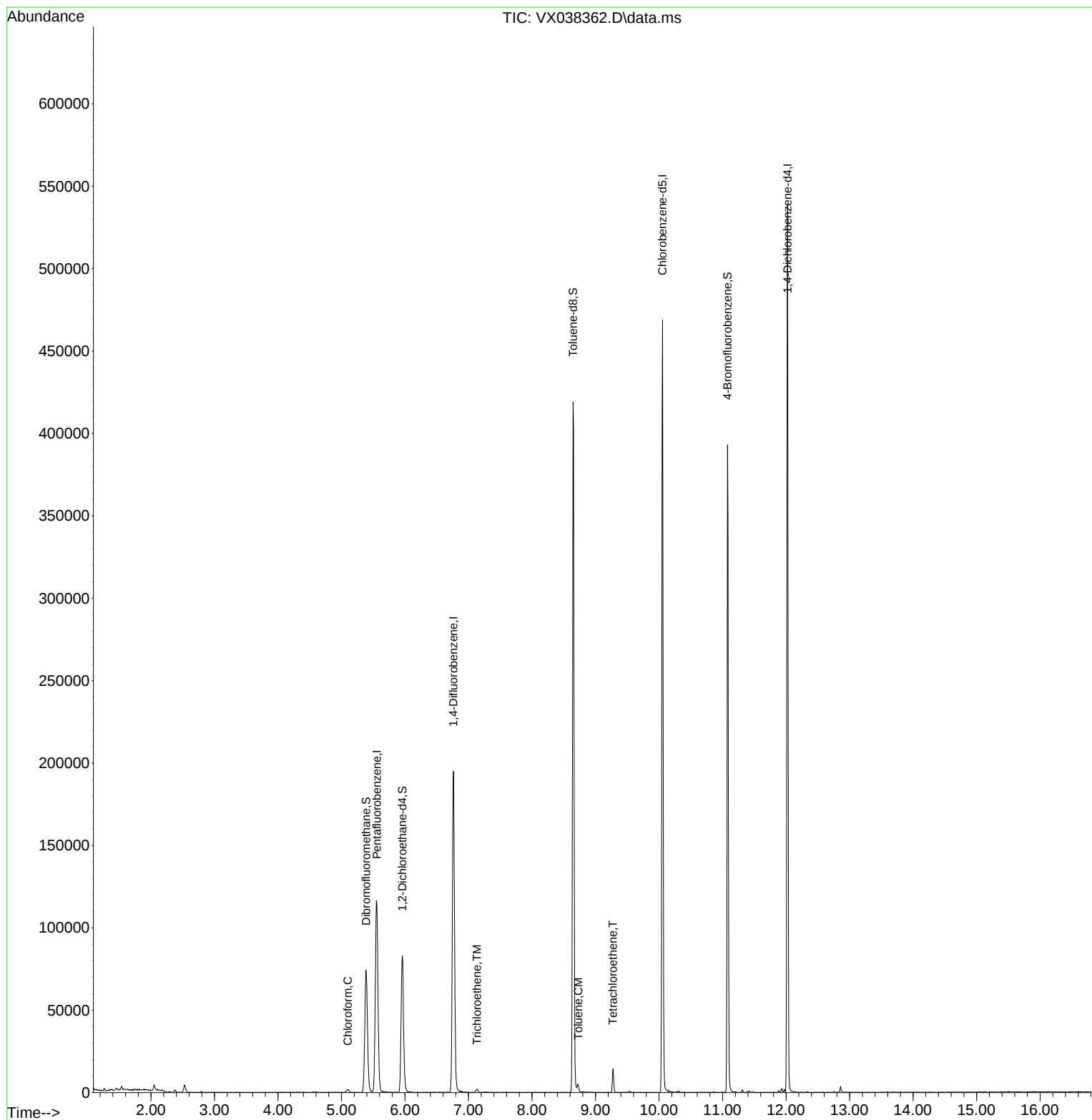
Internal Standards						
1) Pentafluorobenzene	5.556	168	111868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	199612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80342	44.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.300%
35) Dibromofluoromethane	5.385	113	63947	44.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.920%
50) Toluene-d8	8.646	98	254749	46.350	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.700%
62) 4-Bromofluorobenzene	11.079	95	99296	47.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%
Target Compounds						
					Qvalue	
30) Chloroform	5.098	83	2009	0.789	ug/l	88
44) Trichloroethene	7.135	130	936	0.645	ug/l	69
52) Toluene	8.726	92	1824	0.505	ug/l	99
64) Tetrachloroethene	9.274	164	2290	1.691	ug/l #	86

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

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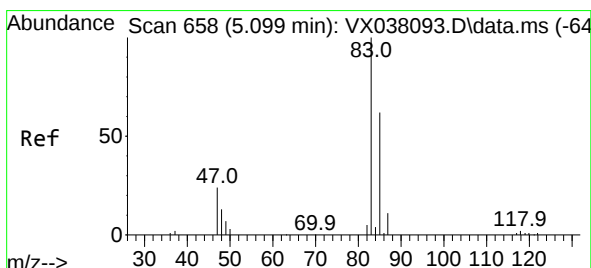
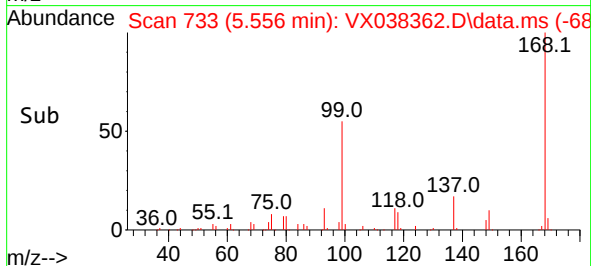
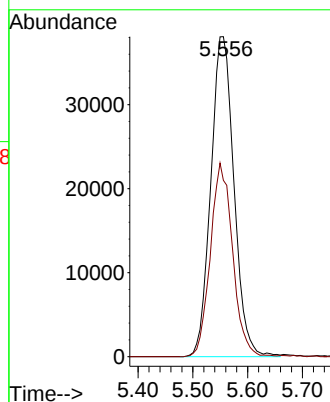
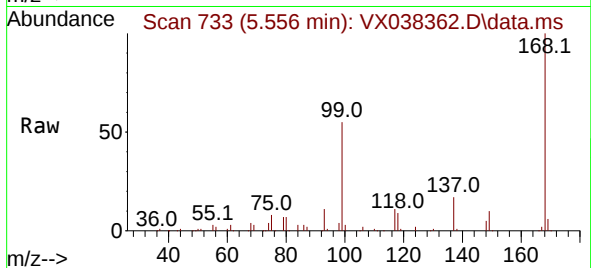




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

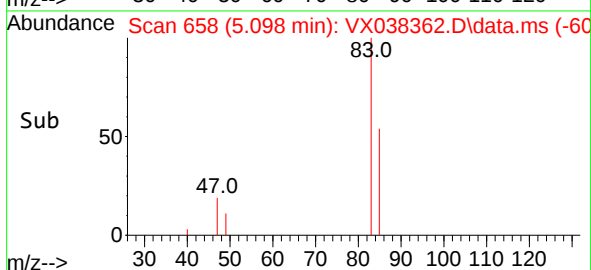
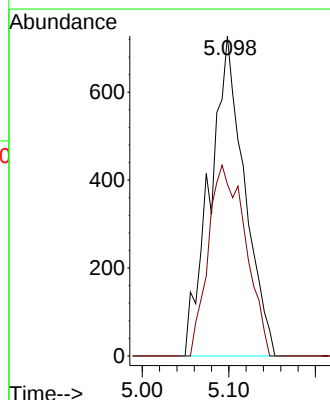
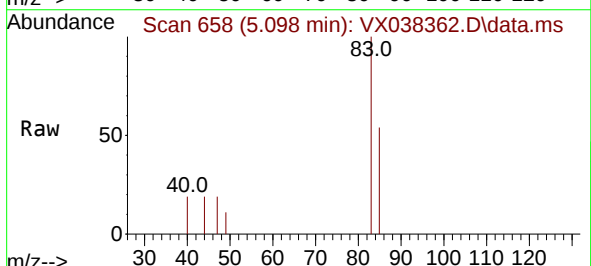
Instrument :
MSVOA_X
ClientSampleId :
GW-20-10-13

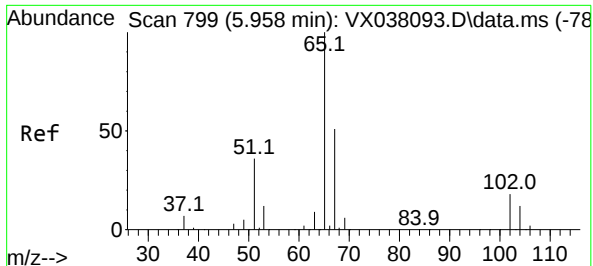
Tgt Ion:168 Resp: 111868
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#30
Chloroform
Concen: 0.789 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.005 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion: 83 Resp: 2009
Ion Ratio Lower Upper
83 100
85 53.7 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.651 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038362.D

Acq: 18 Oct 2023 15:02

Instrument :

MSVOA_X

ClientSampleId :

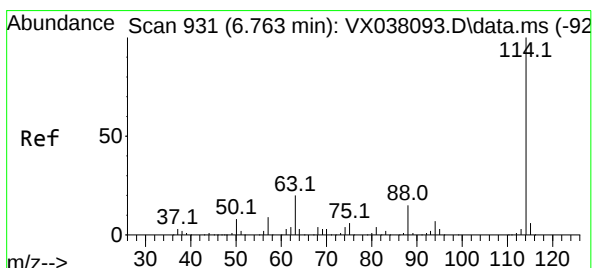
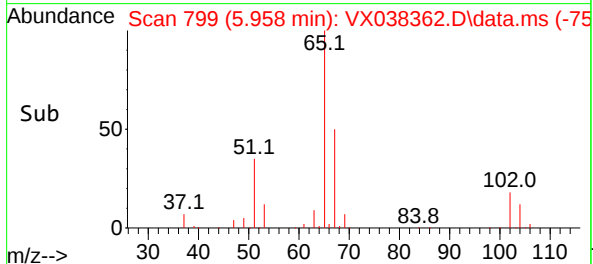
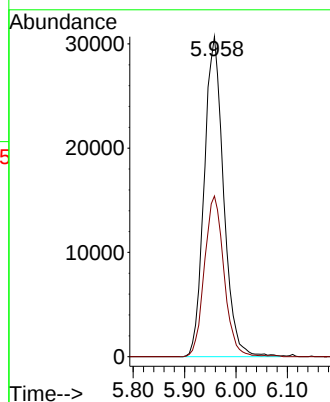
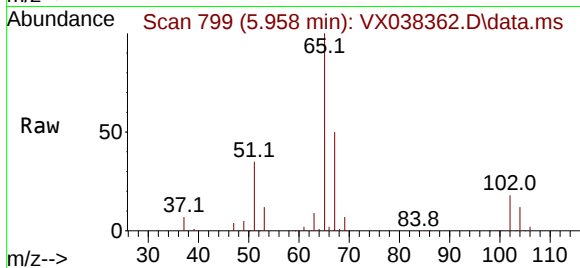
GW-20-10-13

Tgt Ion: 65 Resp: 80342

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038362.D

Acq: 18 Oct 2023 15:02

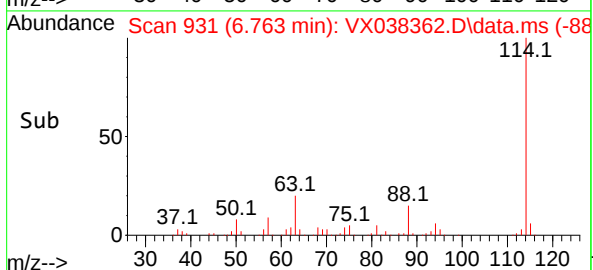
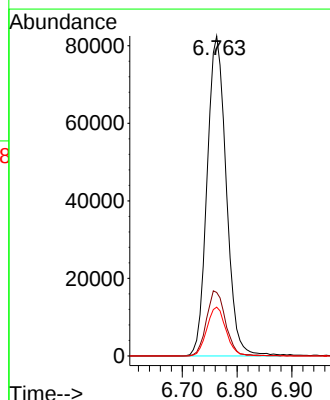
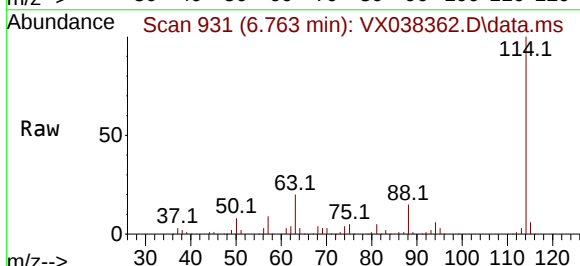
Tgt Ion: 114 Resp: 199612

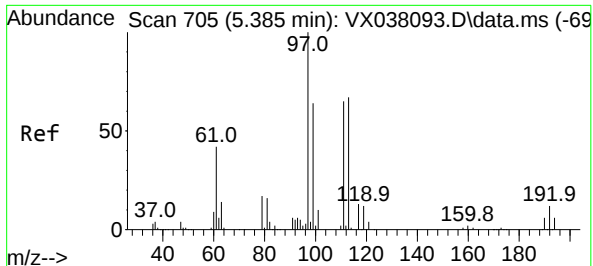
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.3 0.0 36.6

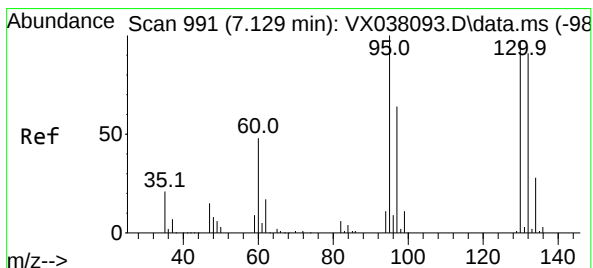
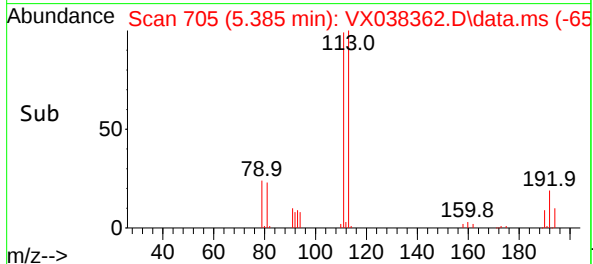
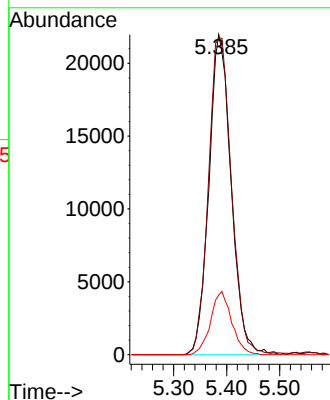
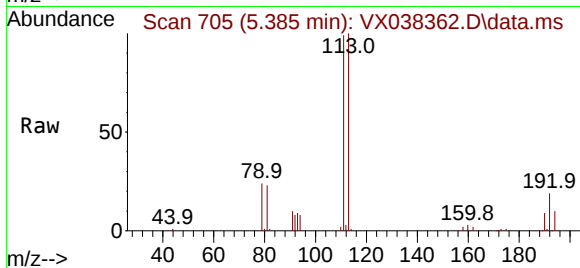




#35
Dibromofluoromethane
Concen: 44.459 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

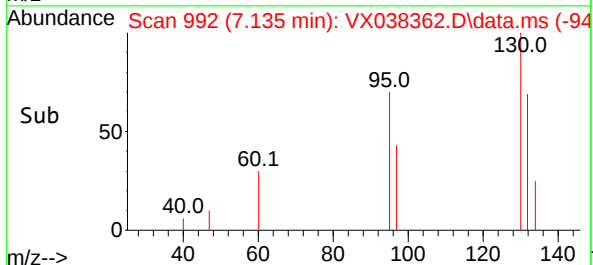
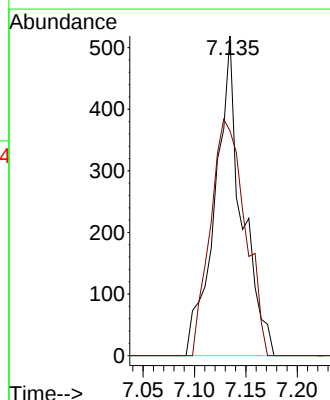
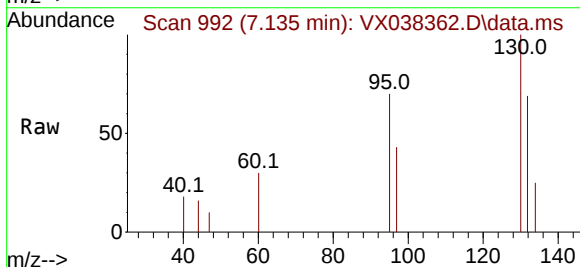
Instrument :
MSVOA_X
ClientSampleId :
GW-20-10-13

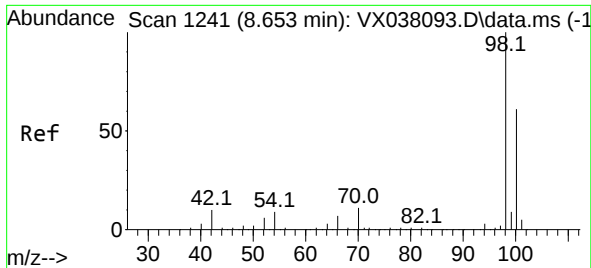
Tgt Ion:113 Resp: 63947
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.8 13.3 19.9



#44
Trichloroethene
Concen: 0.645 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion:130 Resp: 936
Ion Ratio Lower Upper
130 100
95 70.3 0.0 204.4

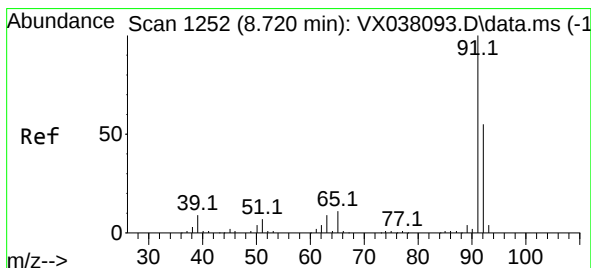
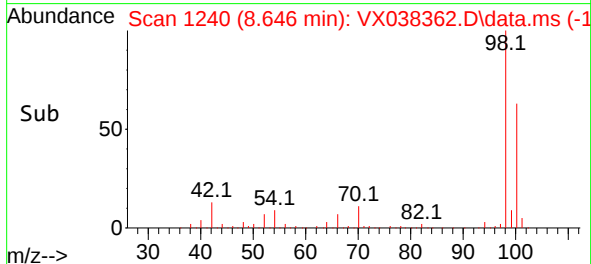
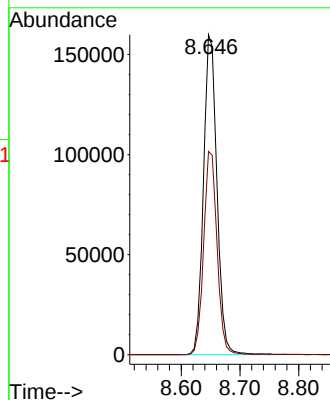
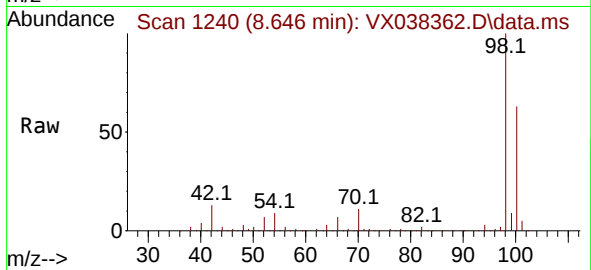




#50
Toluene-d8
Concen: 46.350 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

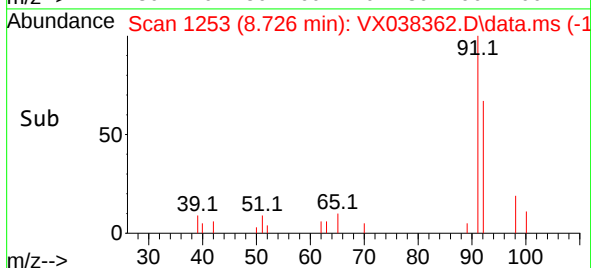
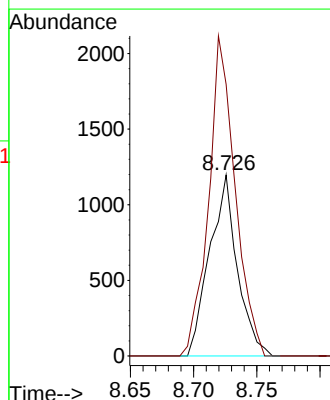
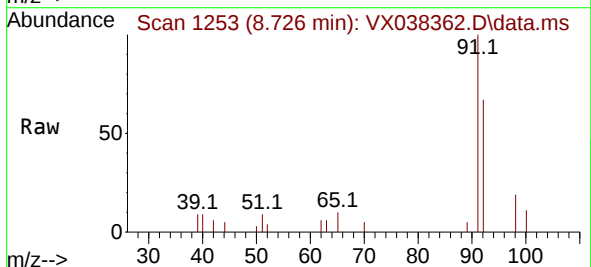
Instrument :
MSVOA_X
ClientSampleId :
GW-20-10-13

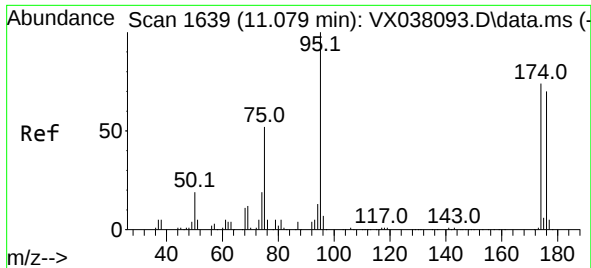
Tgt Ion: 98 Resp: 254749
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#52
Toluene
Concen: 0.505 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion: 92 Resp: 1824
Ion Ratio Lower Upper
92 100
91 169.6 134.2 201.2

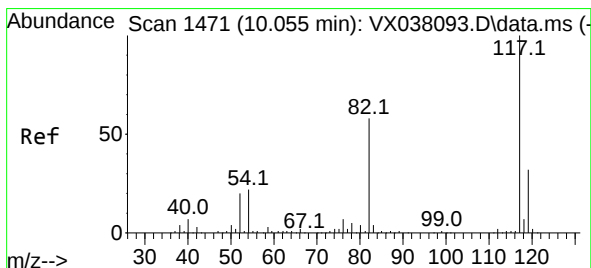
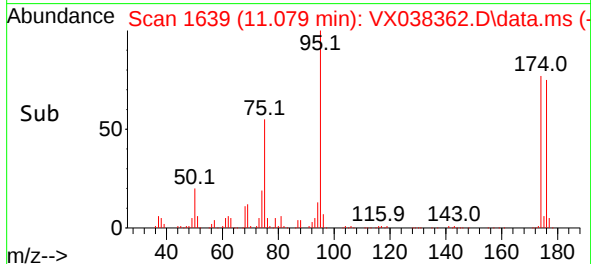
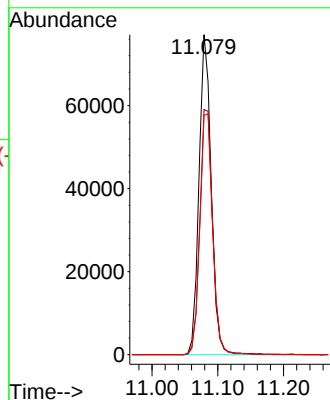
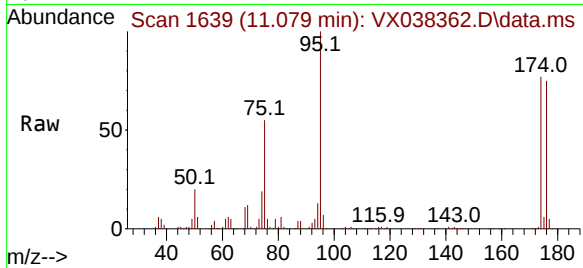




#62
4-Bromofluorobenzene
Concen: 47.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

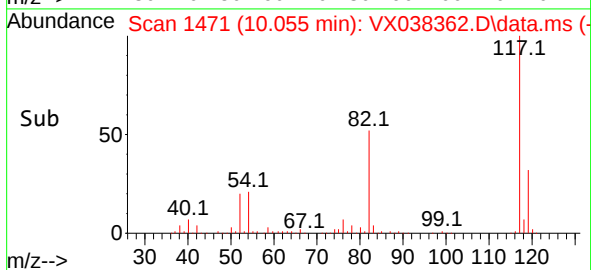
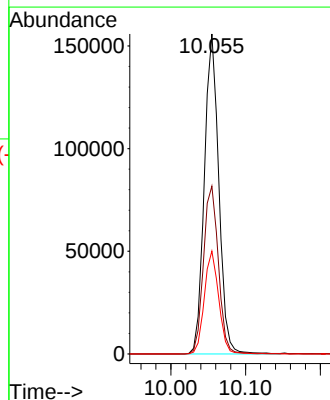
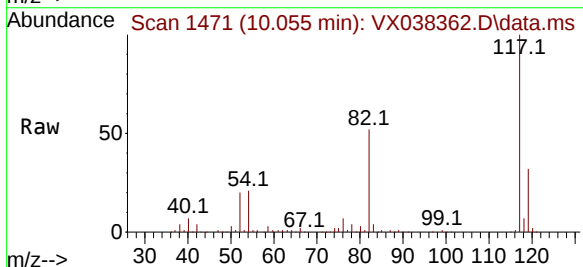
Instrument :
MSVOA_X
ClientSampleId :
GW-20-10-13

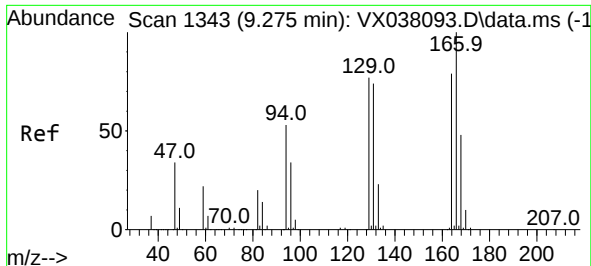
Tgt Ion:	95	Resp:	99296
Ion Ratio	Lower	Upper	
95	100		
174	81.1	0.0	135.6
176	78.9	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

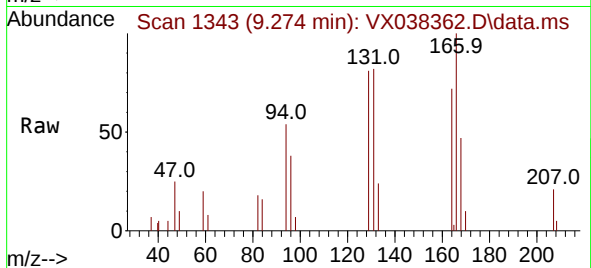
Tgt Ion:	117	Resp:	209173
Ion Ratio	Lower	Upper	
117	100		
82	52.5	46.2	69.4
119	32.1	25.5	38.3





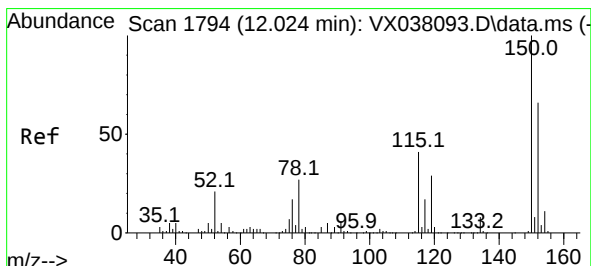
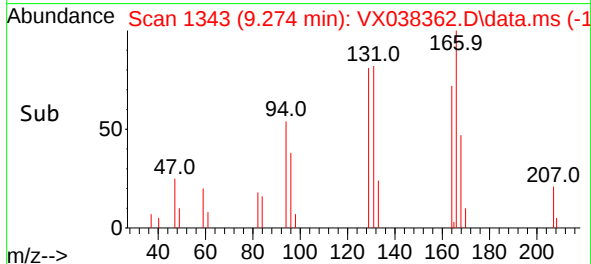
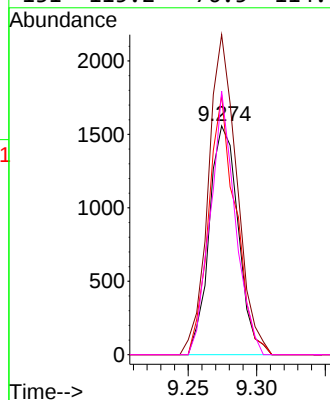
#64
Tetrachloroethene
Concen: 1.691 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Instrument :
MSVOA_X
ClientSampleId :
GW-20-10-13



Tgt Ion:164 Resp: 2290

Ion	Ratio	Lower	Upper
164	100		
166	139.9	102.7	154.1
129	113.4	80.4	120.6
131	115.2	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038362.D
Acq: 18 Oct 2023 15:02

Tgt Ion:152 Resp: 110759

Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.3	129.9
150	157.8	0.0	345.0

