

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015447.D
 Acq On : 06 Sep 2023 14:07
 Operator : SY/MD
 Sample : 04304-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 06 16:28:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

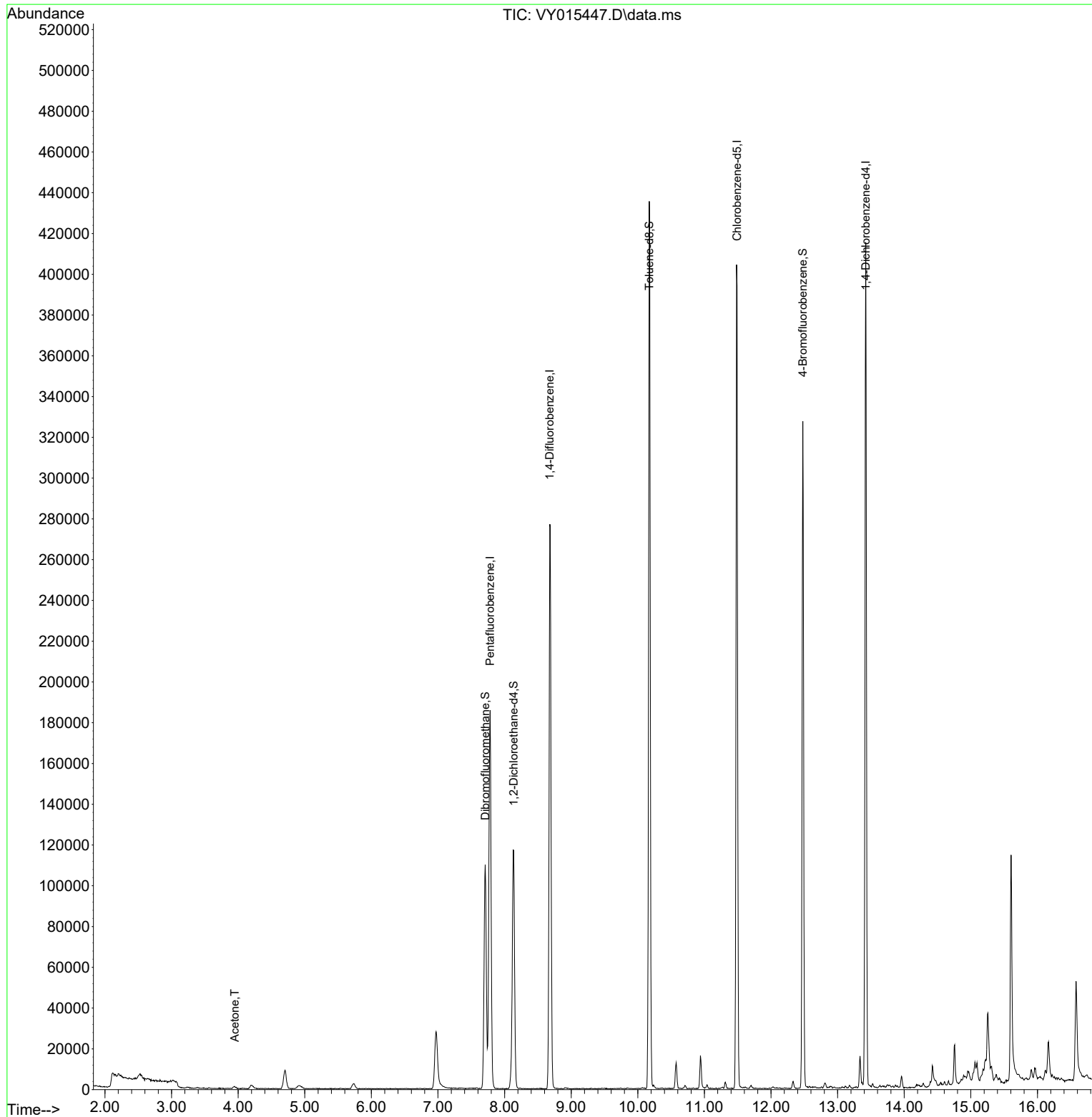
Internal Standards						
1) Pentafluorobenzene	7.783	168	145879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	242825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91050	58.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.440%	
35) Dibromofluoromethane	7.710	113	77450	55.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.760%	
50) Toluene-d8	10.173	98	284271	56.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.260%	
62) 4-Bromofluorobenzene	12.477	95	95154	50.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.220%	
Target Compounds						
16) Acetone	3.948	43	2005	3.072	ug/l	Qvalue 90

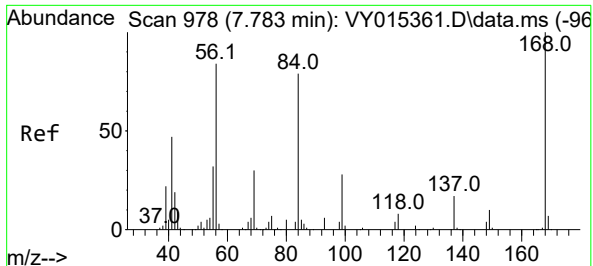
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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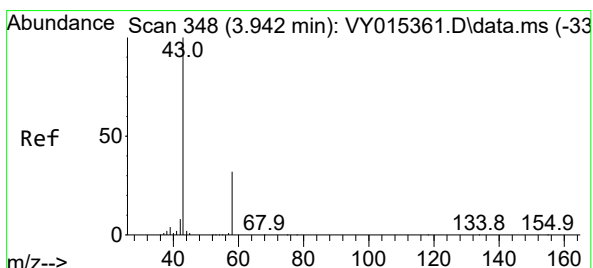
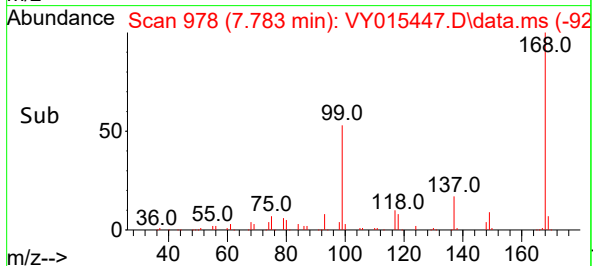
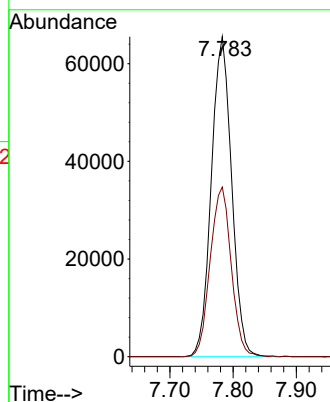
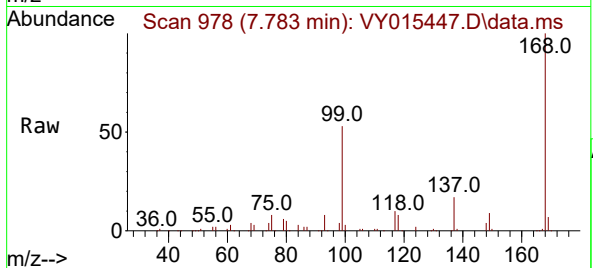




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015447.D
Acq: 06 Sep 2023 14:07

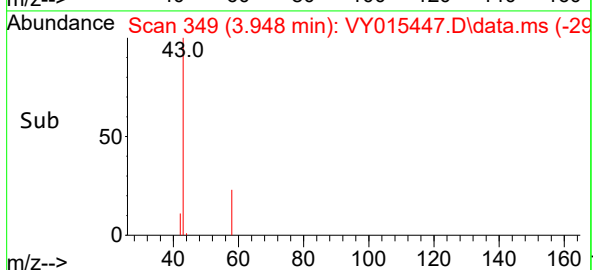
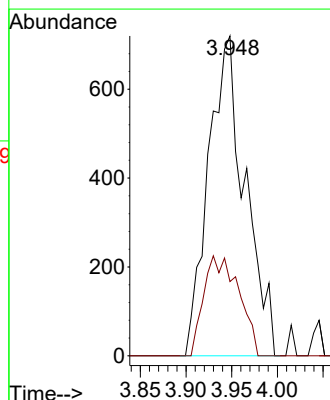
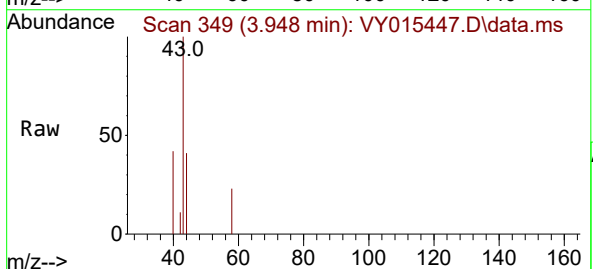
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

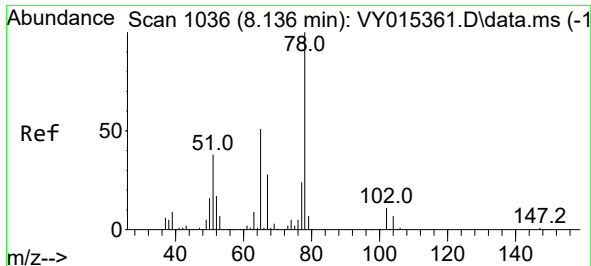
Tgt Ion:168 Resp: 145879
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#16
Acetone
Concen: 3.072 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015447.D
Acq: 06 Sep 2023 14:07

Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 23.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 58.223 ug/l

RT: 8.136 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY015447.D

Acq: 06 Sep 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

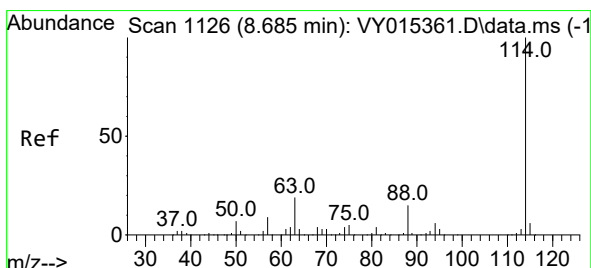
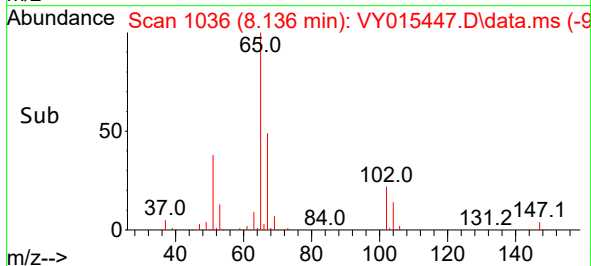
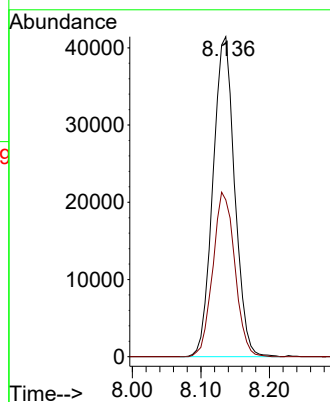
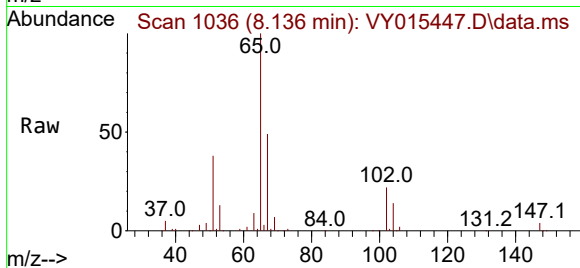
WC-1

Tgt Ion: 65 Resp: 91050

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015447.D

Acq: 06 Sep 2023 14:07

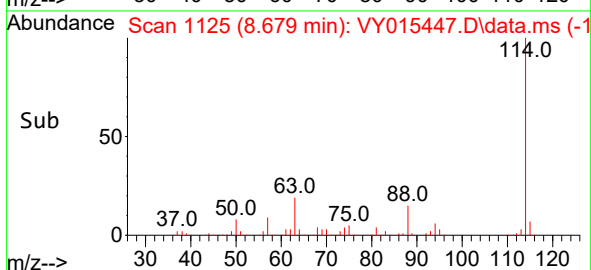
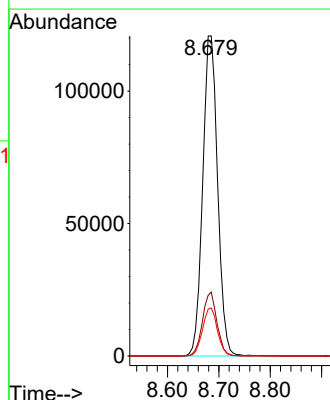
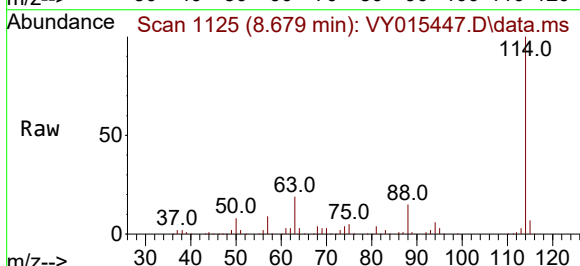
Tgt Ion: 114 Resp: 242825

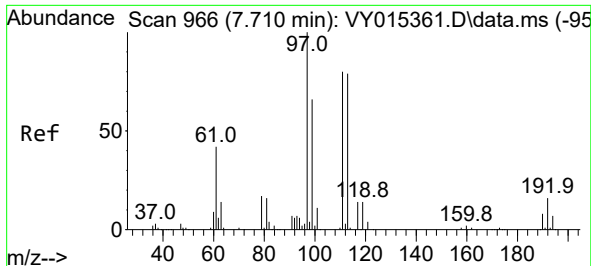
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.6 0.0 30.6

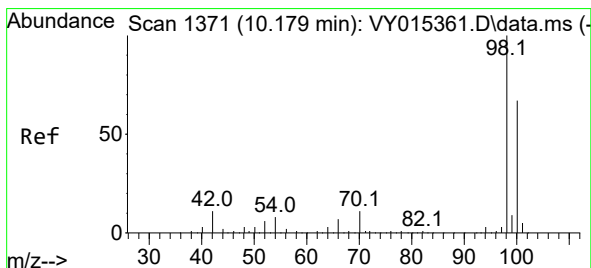
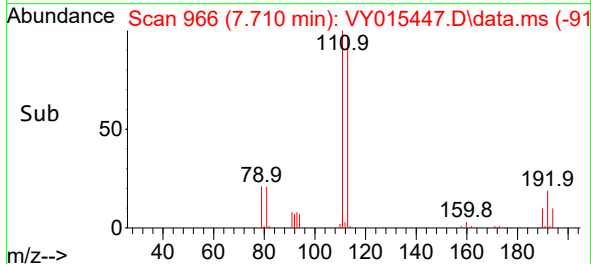
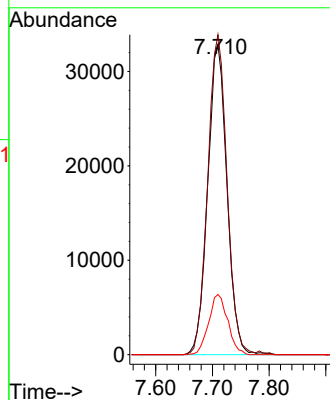
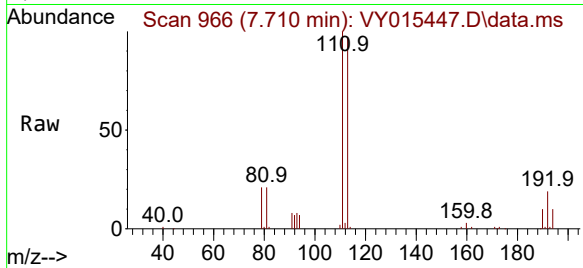




#35
Dibromofluoromethane
Concen: 55.376 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015447.D
Acq: 06 Sep 2023 14:07

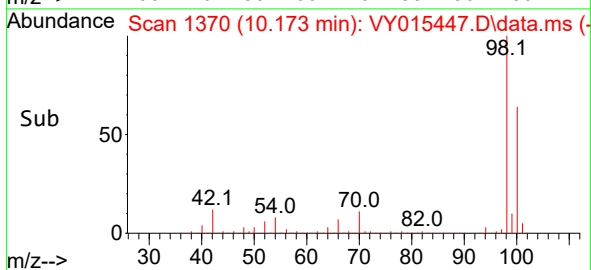
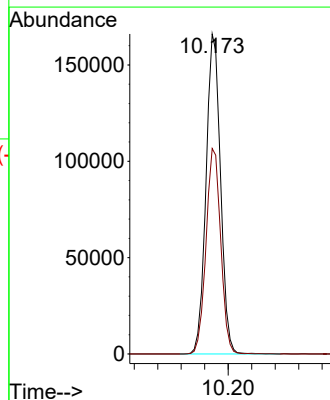
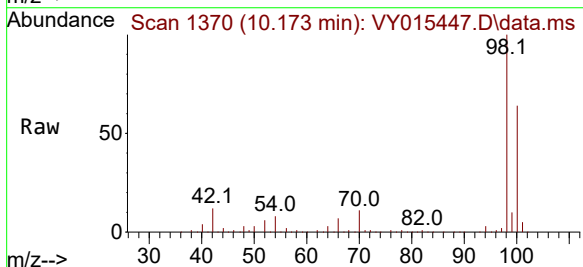
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

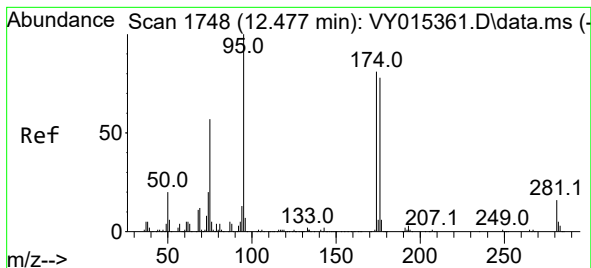
Tgt Ion:113 Resp: 77450
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 56.125 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015447.D
Acq: 06 Sep 2023 14:07

Tgt Ion: 98 Resp: 284271
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

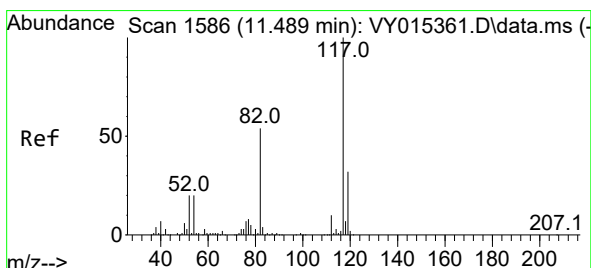
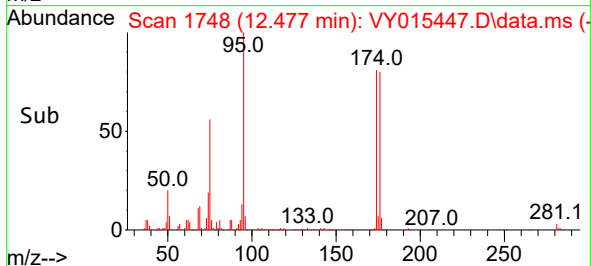
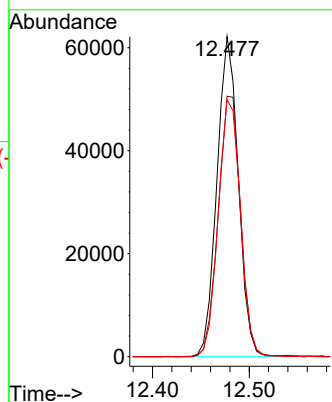
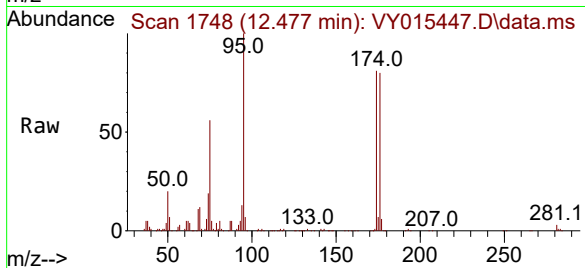




#62
4-Bromofluorobenzene
Concen: 50.606 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015447.D
Acq: 06 Sep 2023 14:07

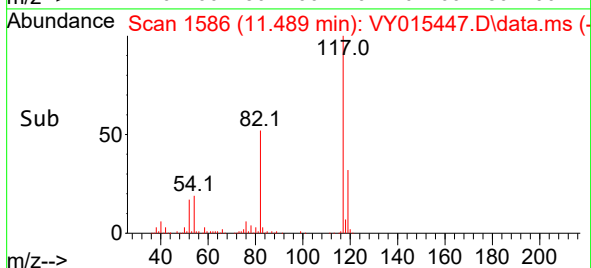
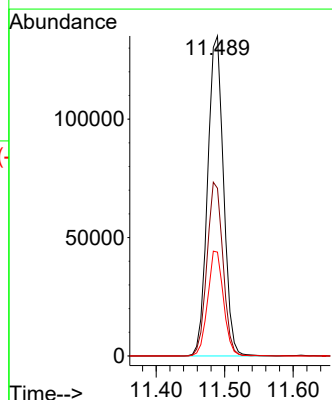
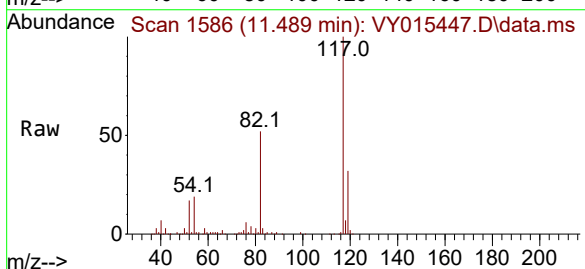
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

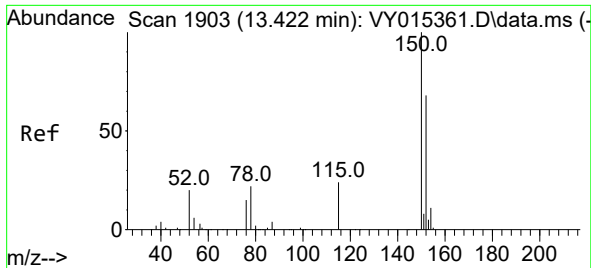
Tgt Ion: 95 Resp: 95154
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015447.D
Acq: 06 Sep 2023 14:07

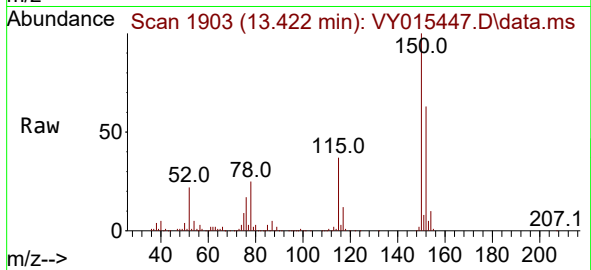
Tgt Ion: 117 Resp: 218468
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015447.D
 Acq: 06 Sep 2023 14:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1



Tgt Ion:	152	Resp:	102572
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	158.2	0.0	348.8

