

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015509.D
 Acq On : 12 Sep 2023 15:47
 Operator : SY/MD
 Sample : 04393-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 13 05:54:05 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)

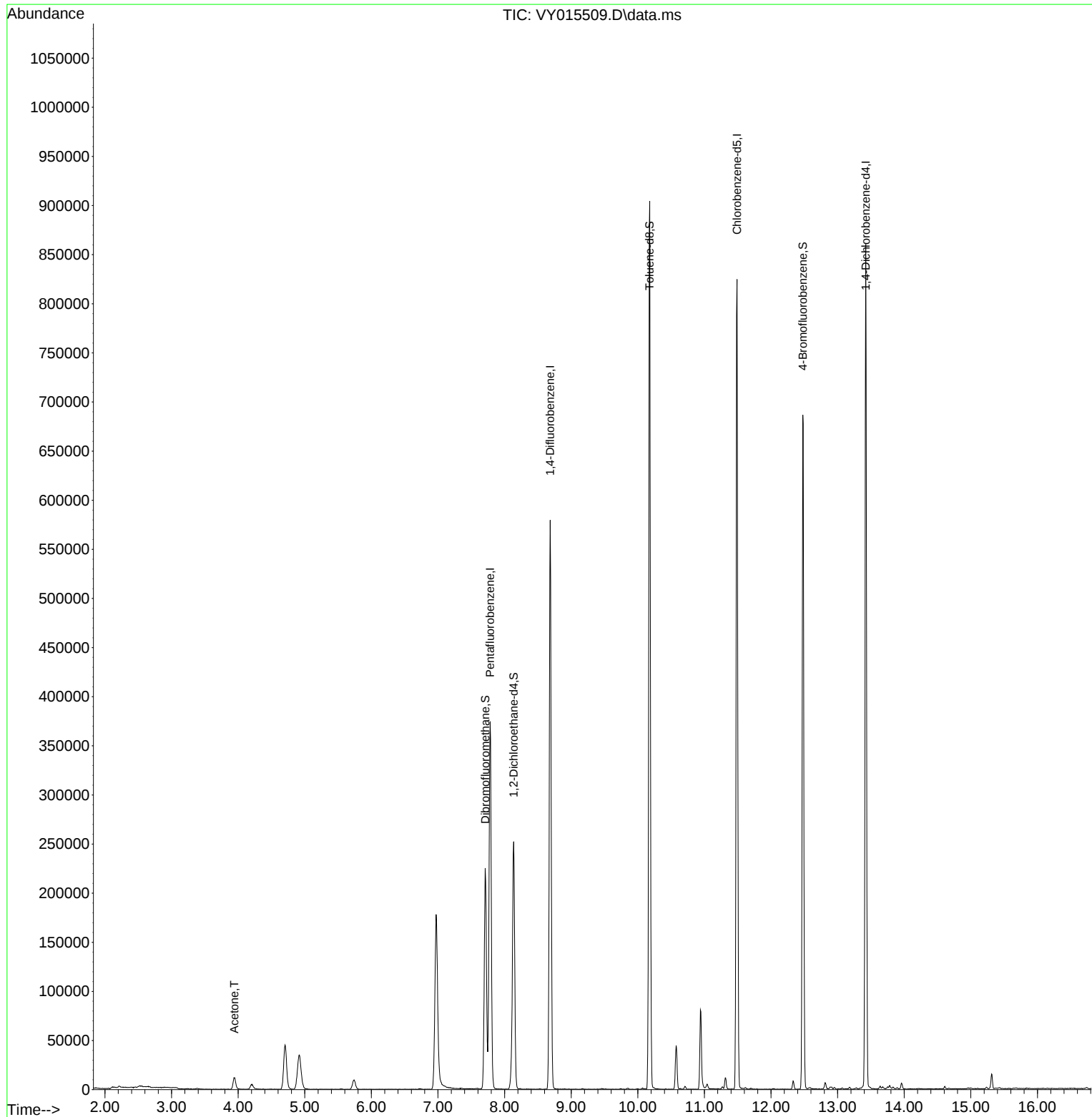
Internal Standards						
1) Pentafluorobenzene	7.783	168	295502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	188307	59.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.900%	
35) Dibromofluoromethane	7.710	113	154549	54.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.179	98	578062	55.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.477	95	202010	52.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.240%	
Target Compounds						
16) Acetone	3.942	43	21284	16.097	ug/l	Qvalue 94

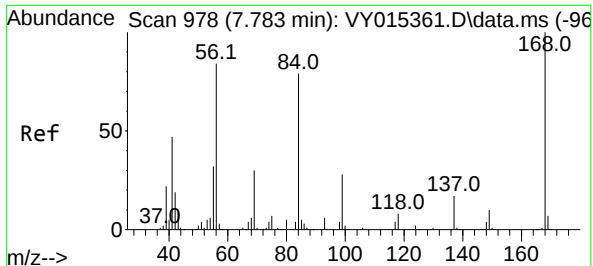
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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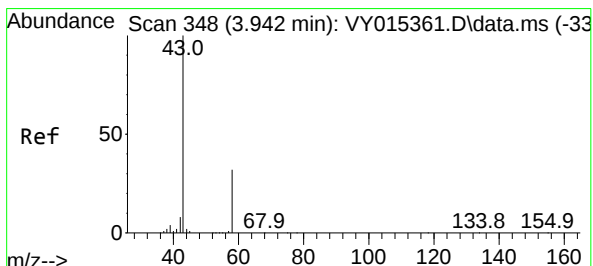
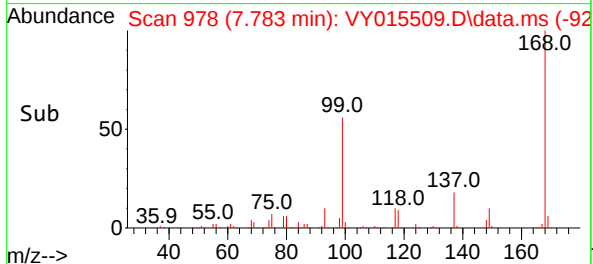
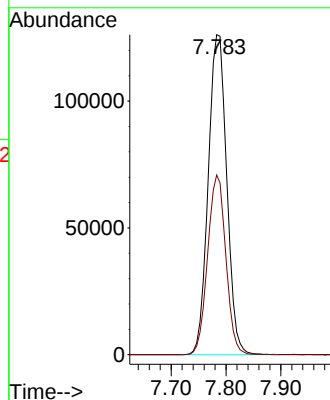
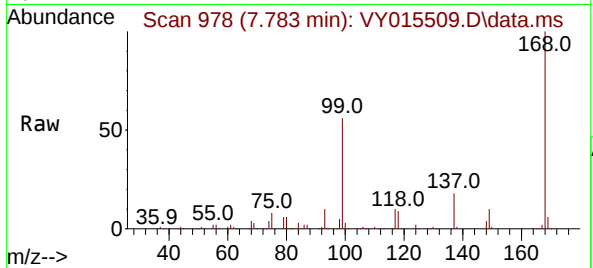




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

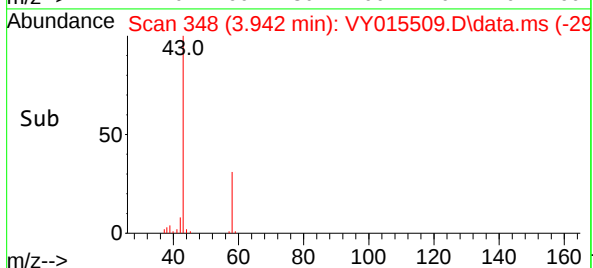
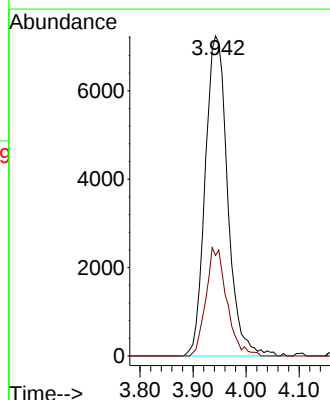
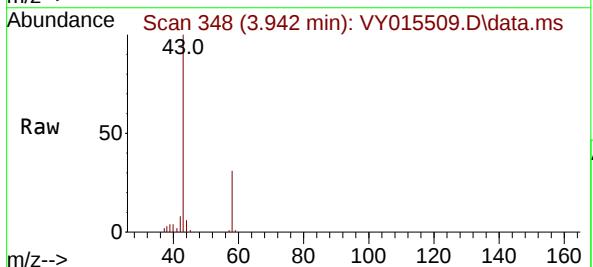
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

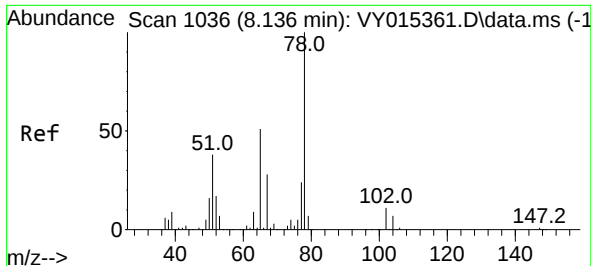
Tgt Ion:168 Resp: 295502
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#16
Acetone
Concen: 16.097 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 43 Resp: 21284
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 59.445 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

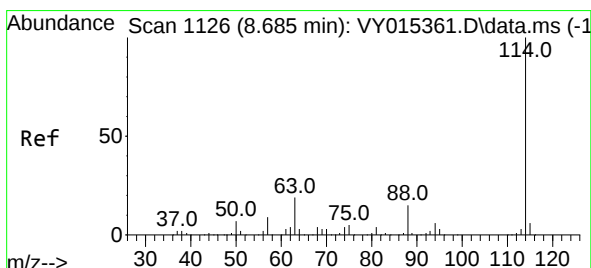
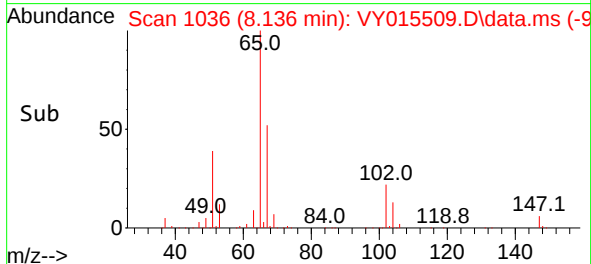
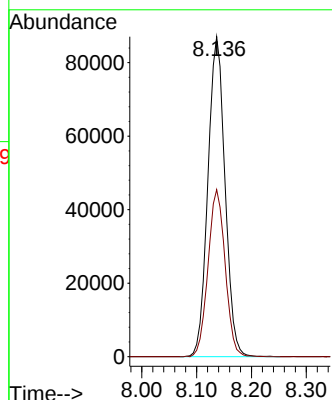
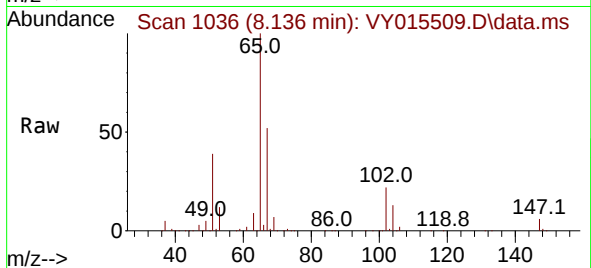
WC-1

Tgt Ion: 65 Resp: 188307

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015509.D

Acq: 12 Sep 2023 15:47

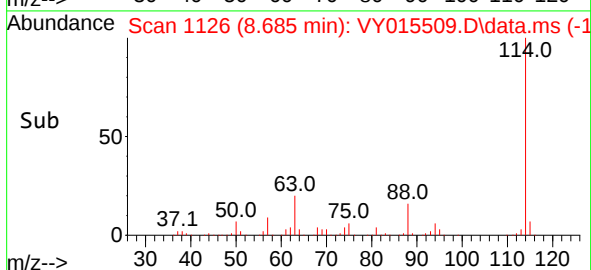
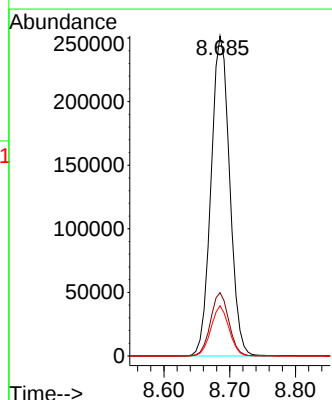
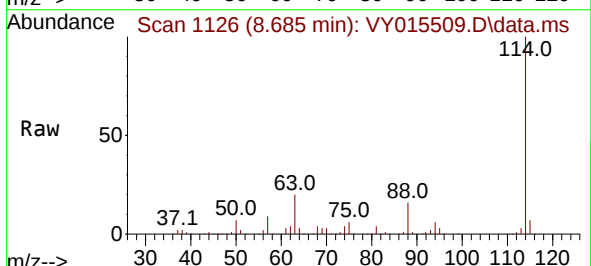
Tgt Ion: 114 Resp: 495823

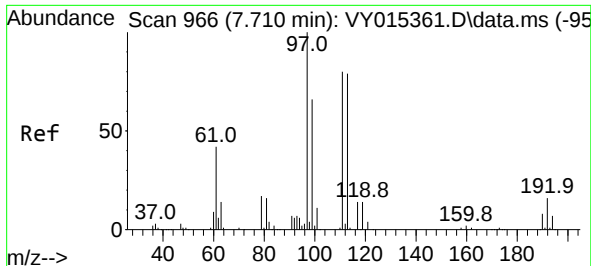
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.7 0.0 30.6

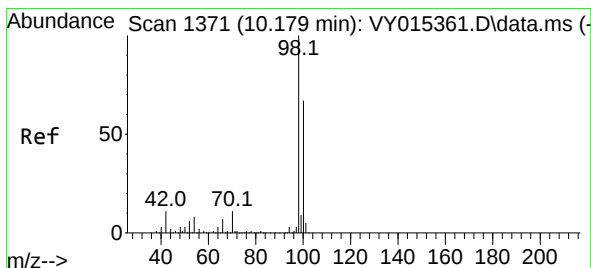
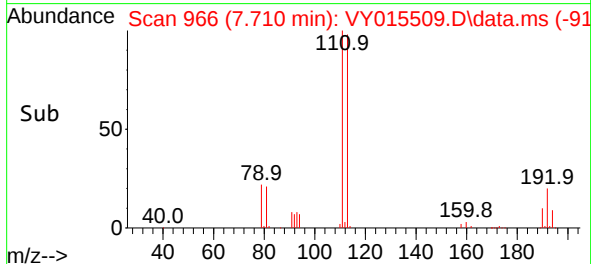
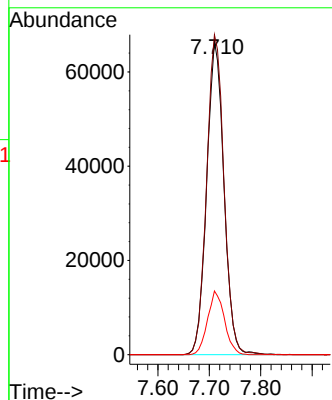
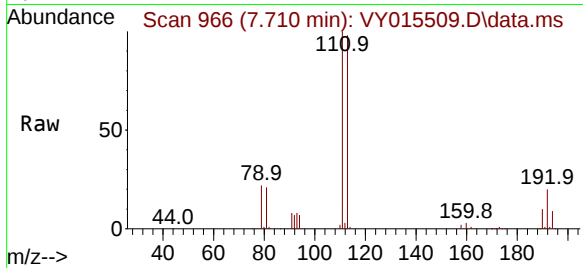




#35
Dibromofluoromethane
Concen: 54.117 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

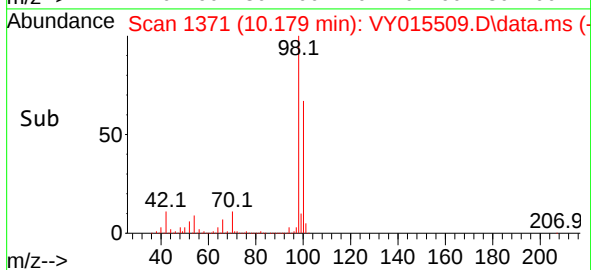
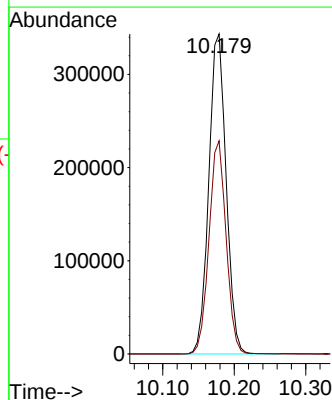
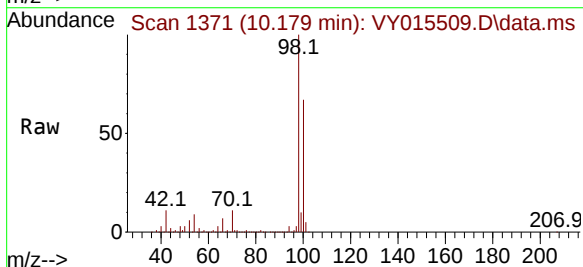
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

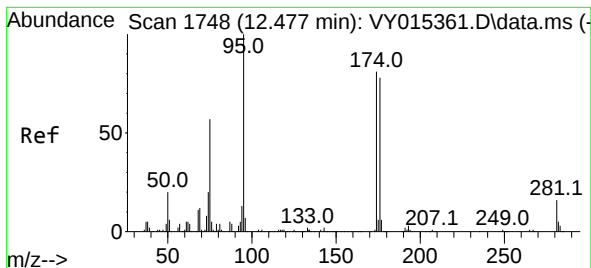
Tgt Ion:113 Resp: 154549
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 55.894 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 98 Resp: 578062
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

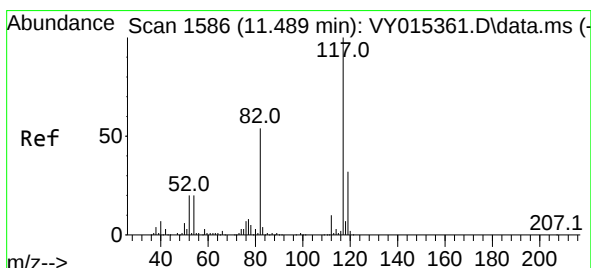
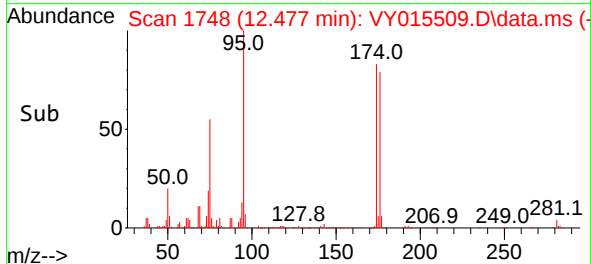
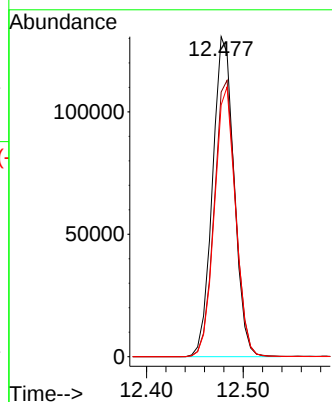
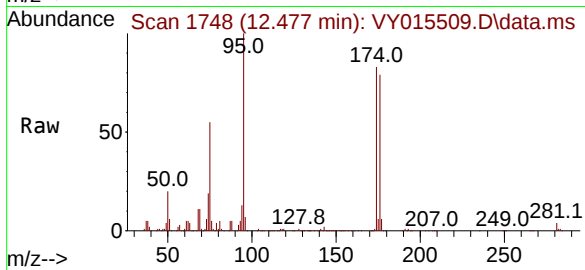




#62
4-Bromofluorobenzene
Concen: 52.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

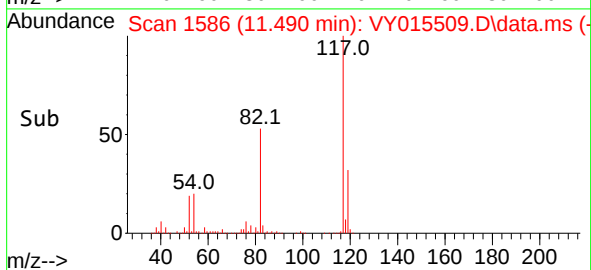
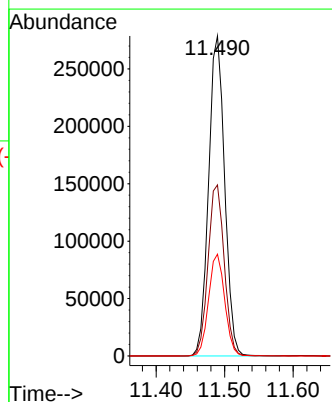
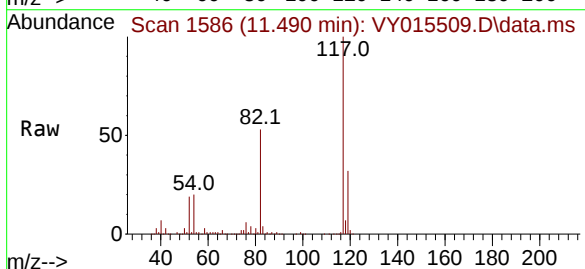
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

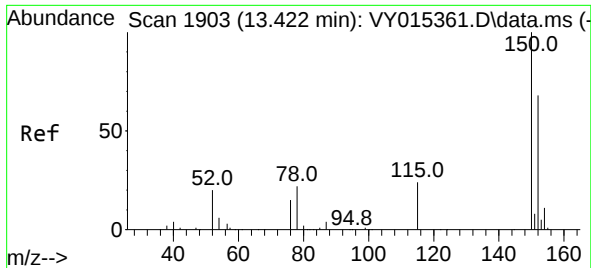
Tgt Ion: 95 Resp: 202010
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015509.D
Acq: 12 Sep 2023 15:47

Tgt Ion: 117 Resp: 453720
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.8 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: VY015509.D

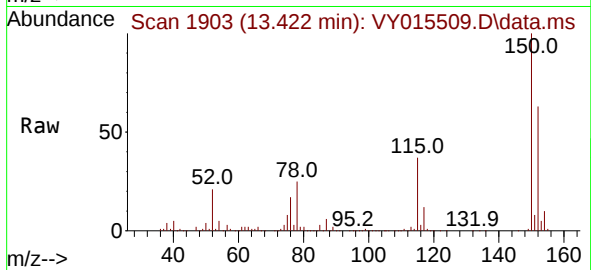
Acq: 12 Sep 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 216403

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.1 0.0 348.8

