

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014338.D
 Acq On : 21 Jun 2023 16:08
 Operator : KP/MD
 Sample : 03337-16
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15

Quant Time: Jun 22 01:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	185549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124944	48.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.715	113	96910	46.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.000%
50) Toluene-d8	10.178	98	354508	45.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.483	95	115454	41.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.420%

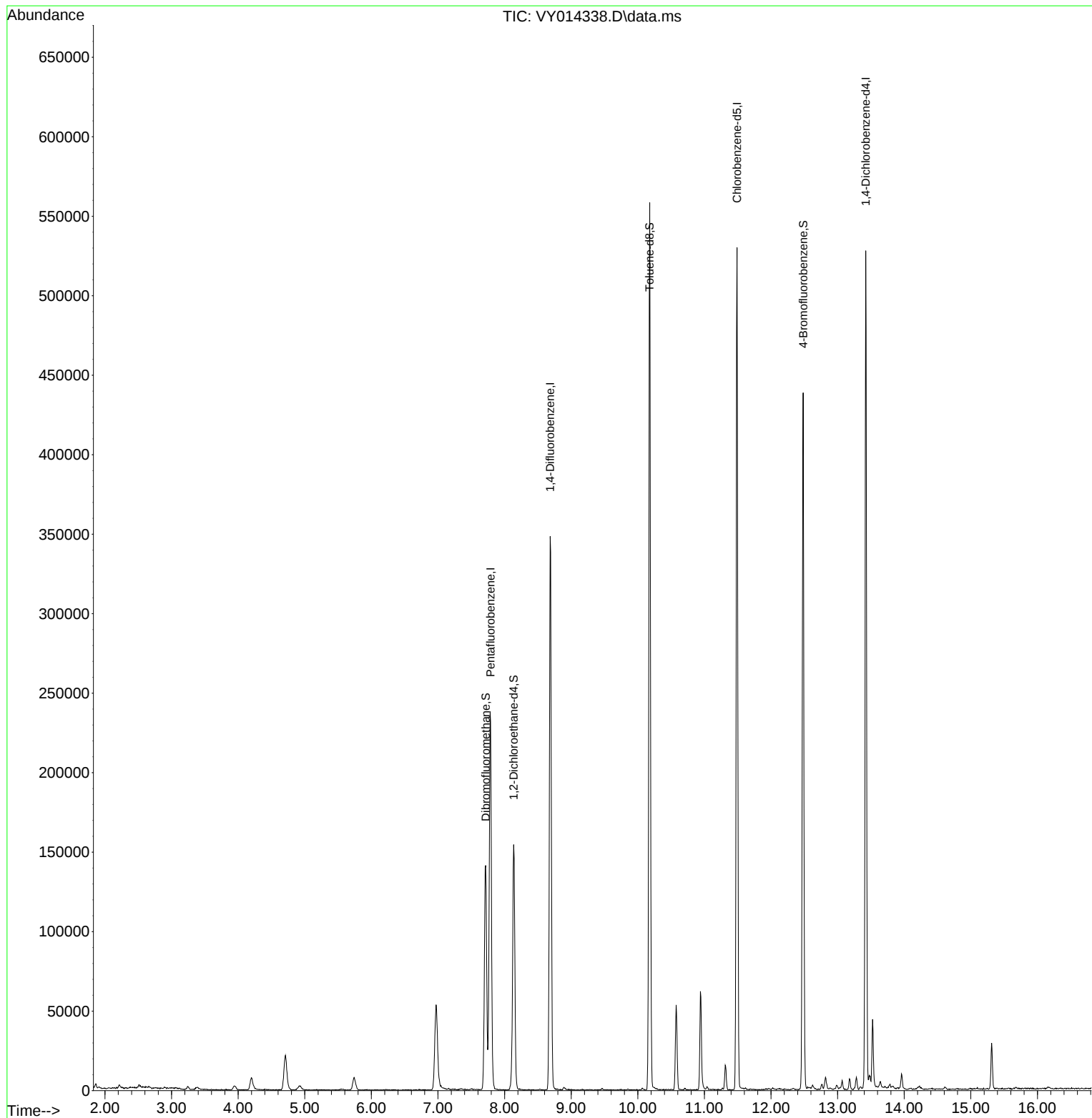
Target Compounds	Qvalue

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

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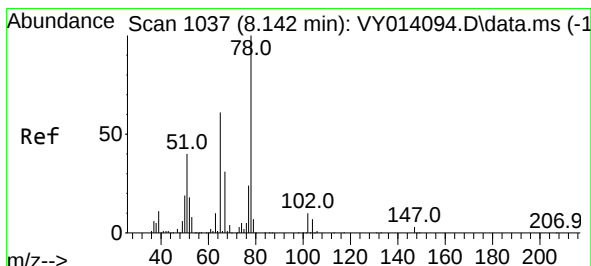
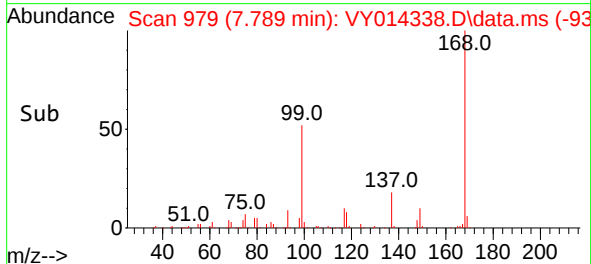
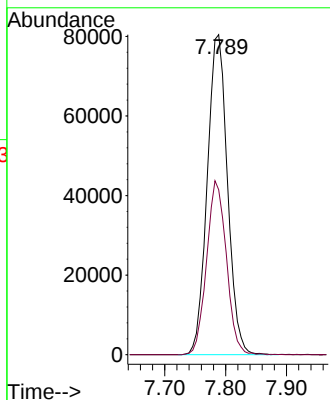
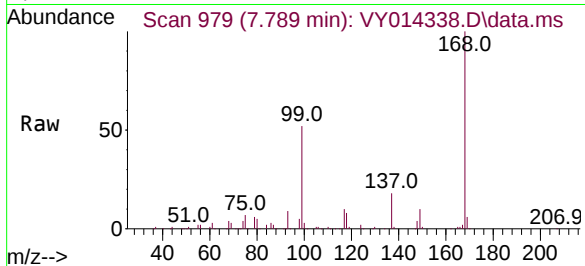




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

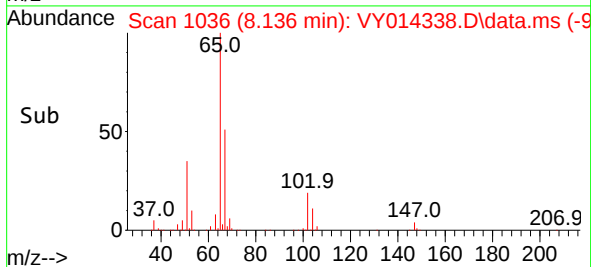
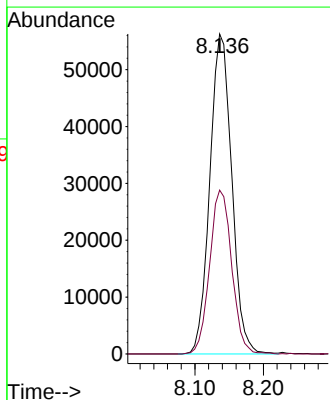
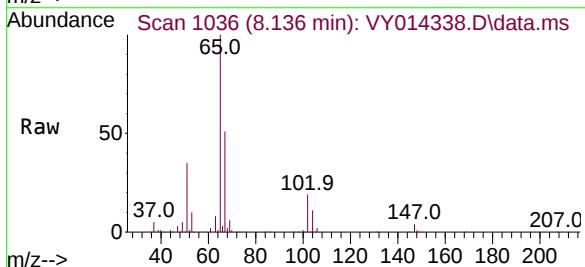
Instrument :
MSVOA_Y
ClientSampleId :
WC-15

Tgt Ion:168 Resp: 185549
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.357 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 65 Resp: 124944
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014338.D

Acq: 21 Jun 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-15

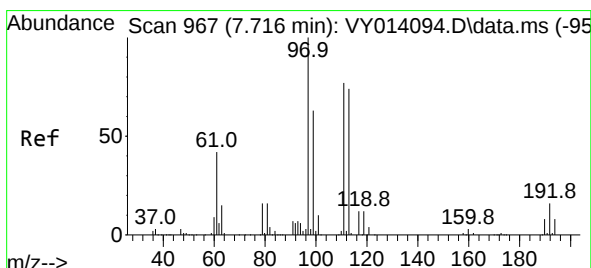
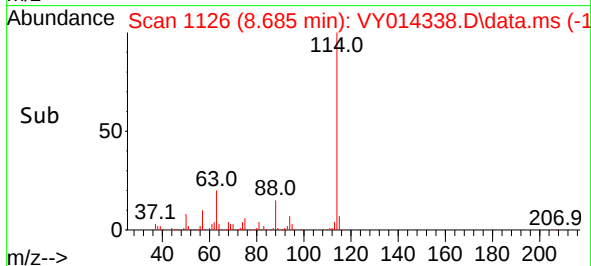
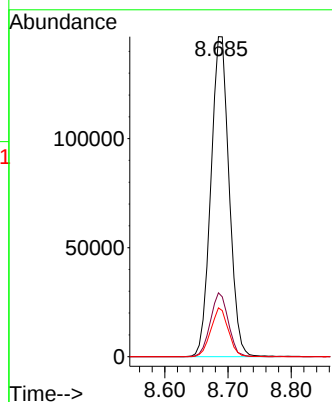
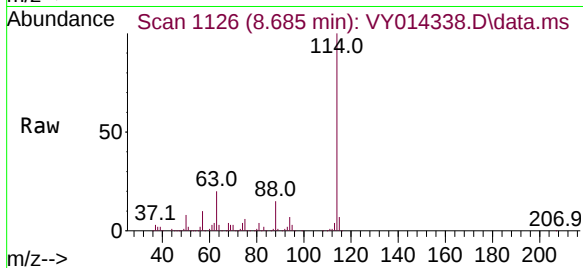
Tgt Ion:114 Resp: 293902

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.496 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014338.D

Acq: 21 Jun 2023 16:08

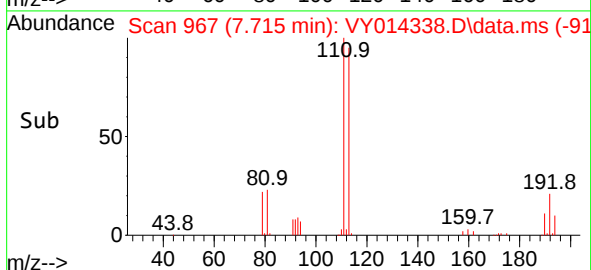
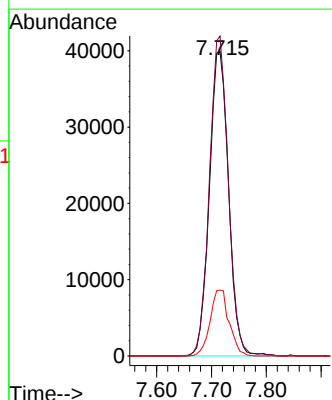
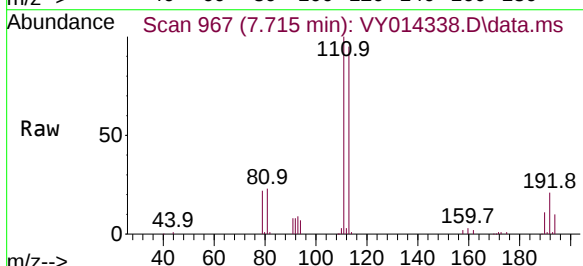
Tgt Ion:113 Resp: 96910

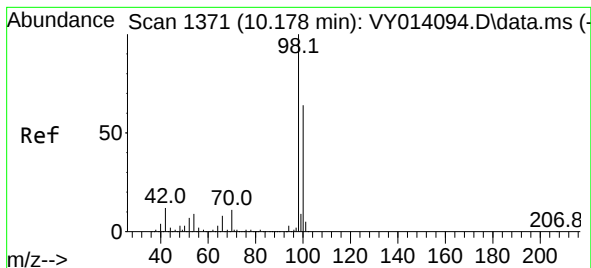
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 21.4 16.9 25.3

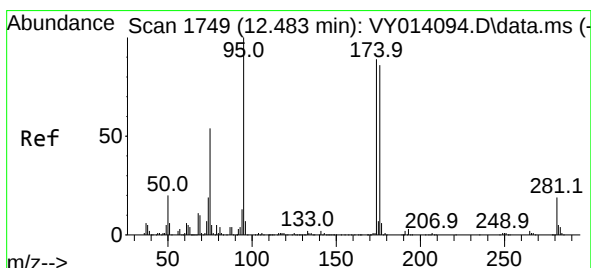
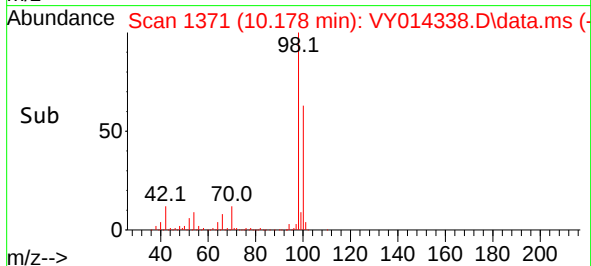
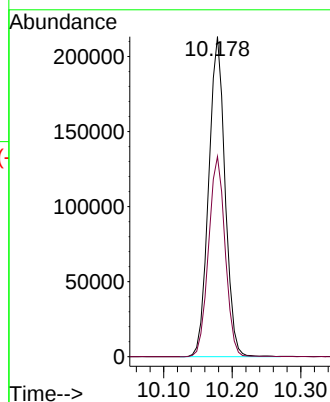
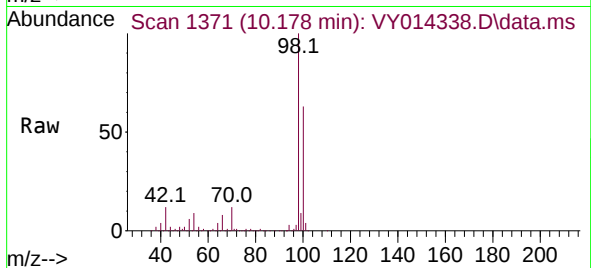




#50
Toluene-d8
Concen: 45.495 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

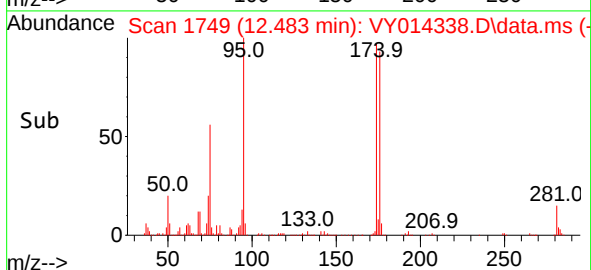
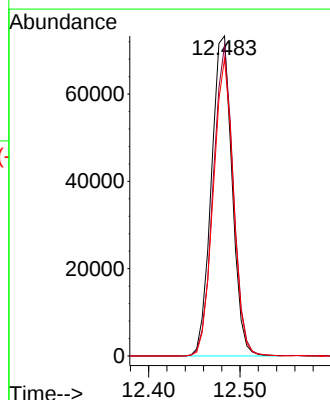
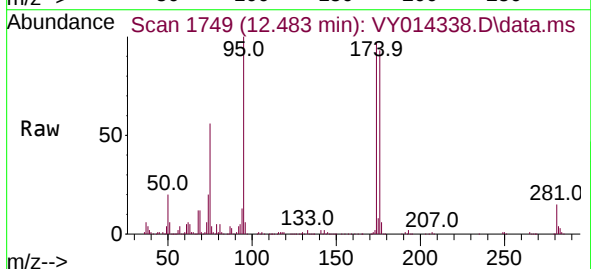
Instrument :
MSVOA_Y
ClientSampleId :
WC-15

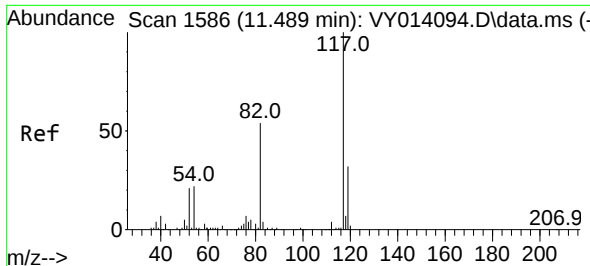
Tgt Ion: 98 Resp: 354508
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.709 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion: 95 Resp: 115454
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 90.4 0.0 173.8

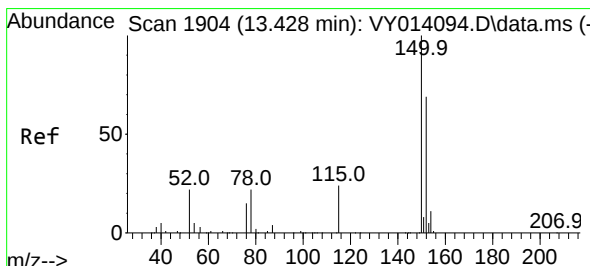
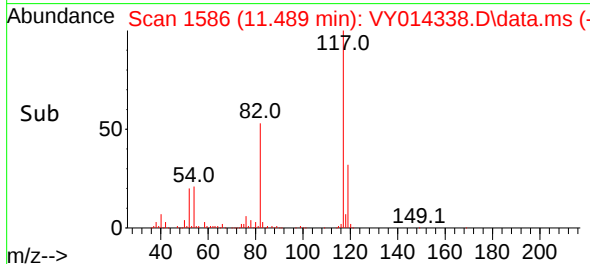
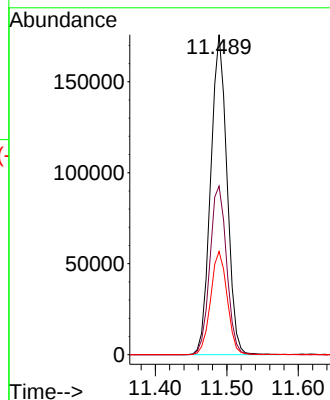
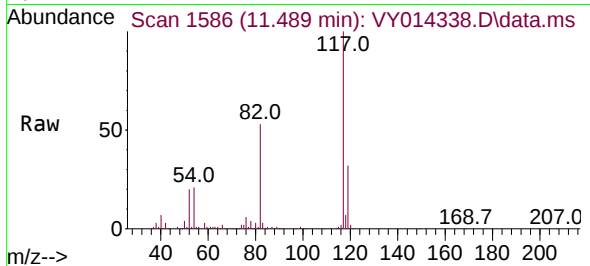




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :
WC-15

Tgt Ion:117 Resp: 278932
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014338.D
Acq: 21 Jun 2023 16:08

Tgt Ion:152 Resp: 133301
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 157.4 0.0 348.8

