

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014137.D
 Acq On : 13 Jun 2023 14:19
 Operator : KP/MD
 Sample : 03140-04
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 14 01:35:00 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	109663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	185373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76597	50.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.320%
35) Dibromofluoromethane	7.716	113	63751	48.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.179	98	230361	46.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.740%
62) 4-Bromofluorobenzene	12.477	95	76168	43.627	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.260%

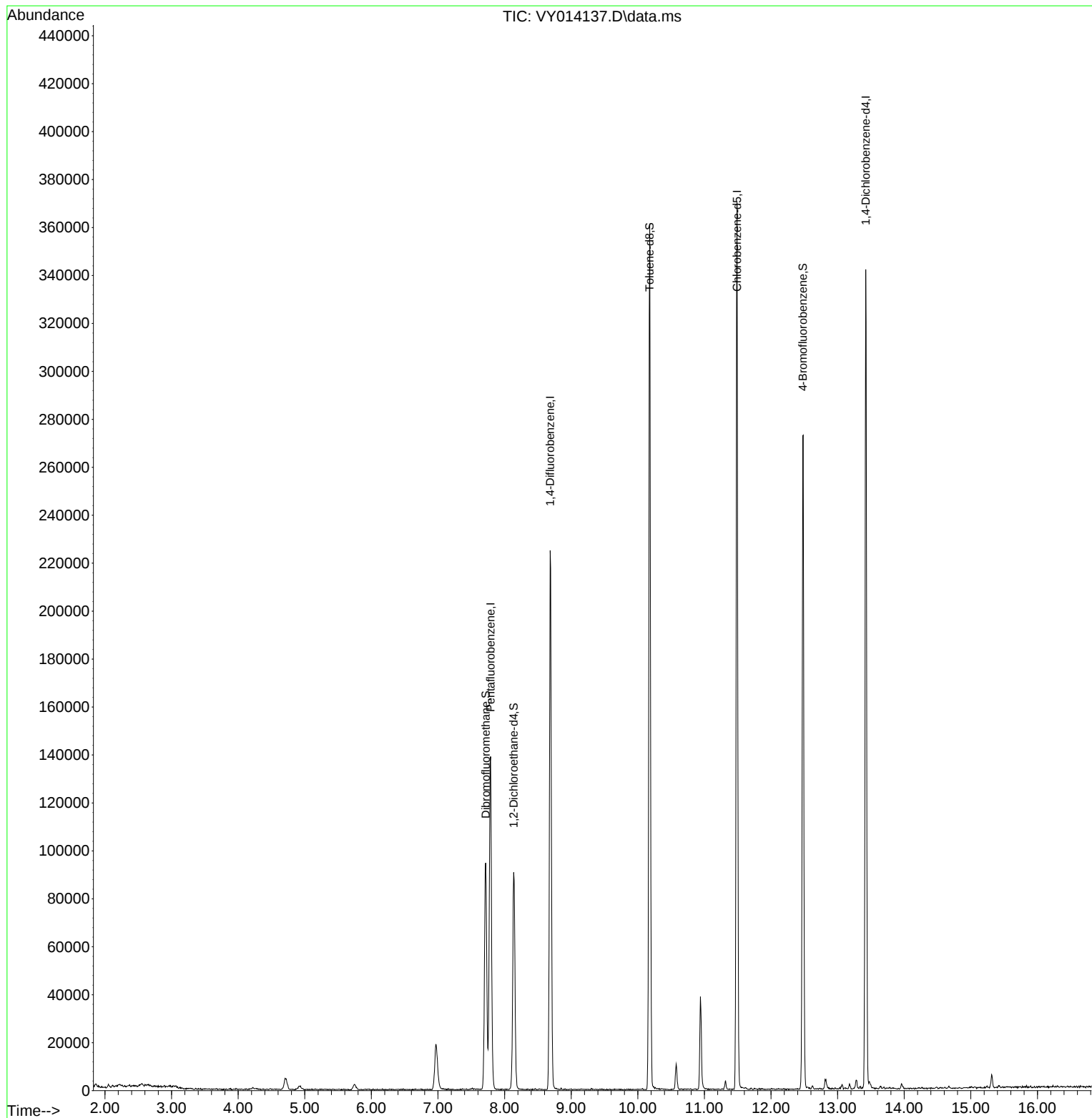
Target Compounds	Qvalue

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

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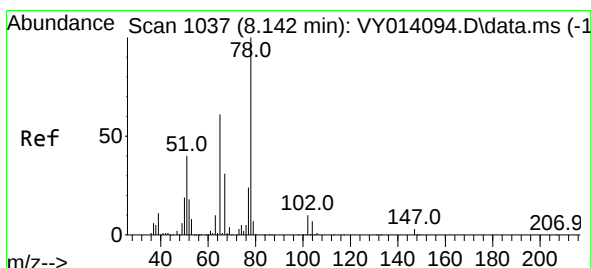
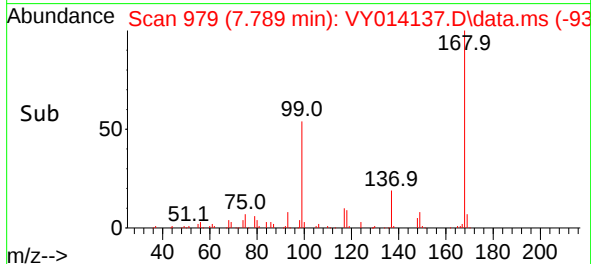
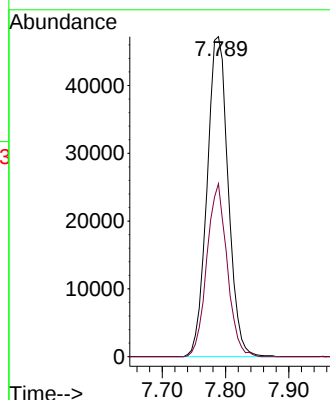
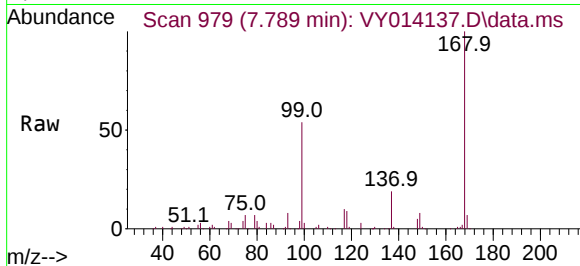




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

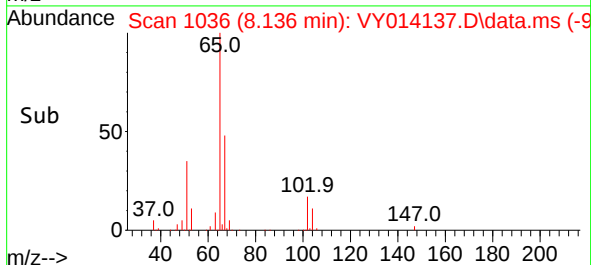
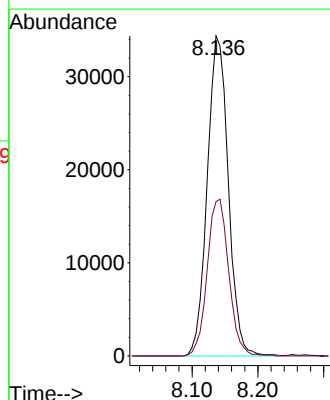
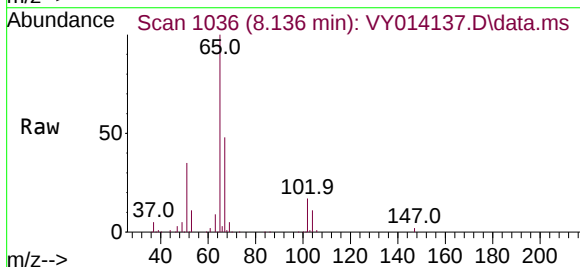
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-GA

Tgt Ion:168 Resp: 109663
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.159 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

Tgt Ion: 65 Resp: 76597
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

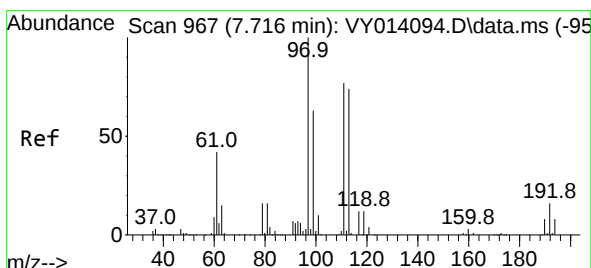
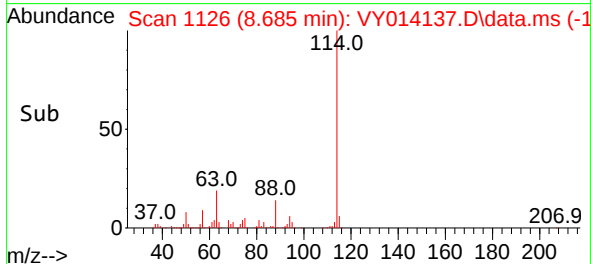
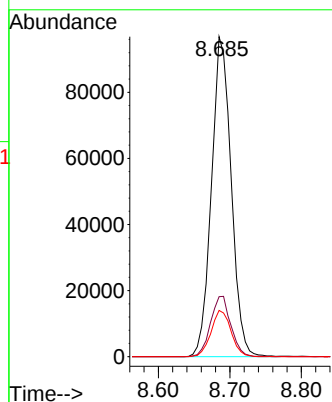
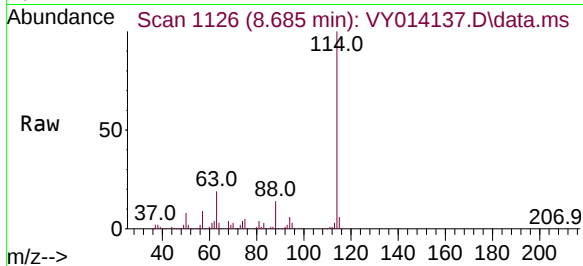




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

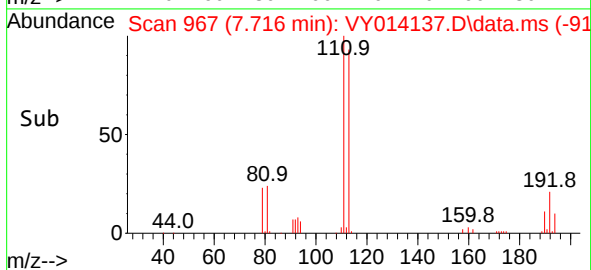
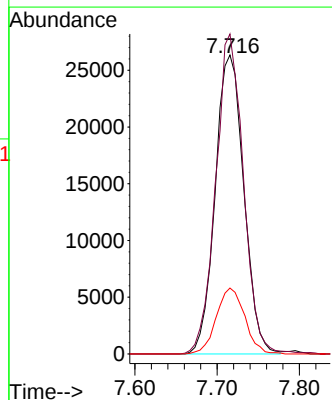
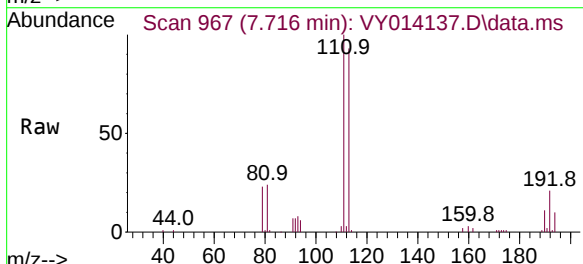
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-GA

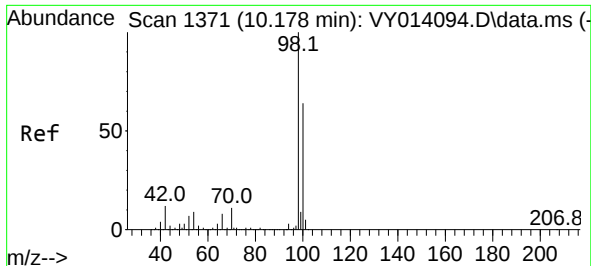
Tgt Ion:	114	Resp:	185373
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.4
88	14.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.494 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

Tgt Ion:	113	Resp:	63751
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	21.9	16.9	25.3

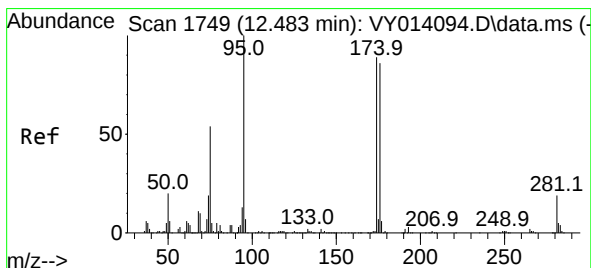
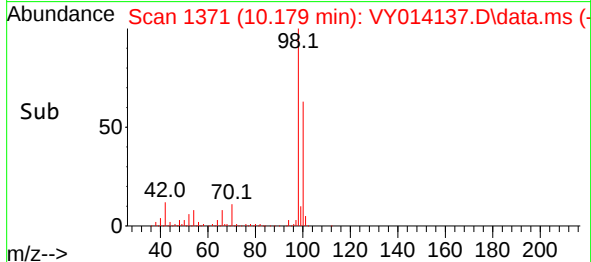
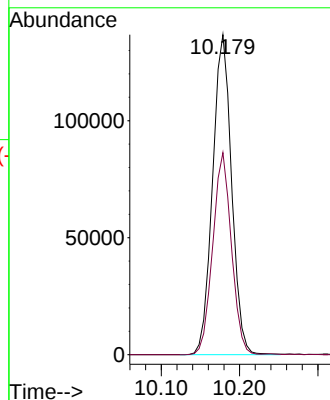
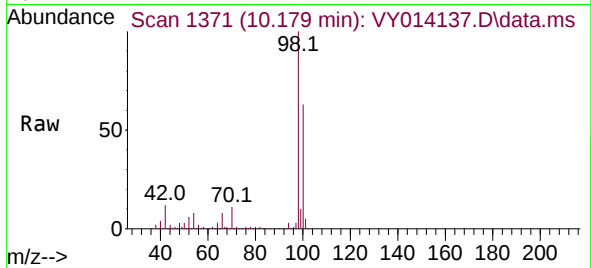




#50
Toluene-d8
Concen: 46.870 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

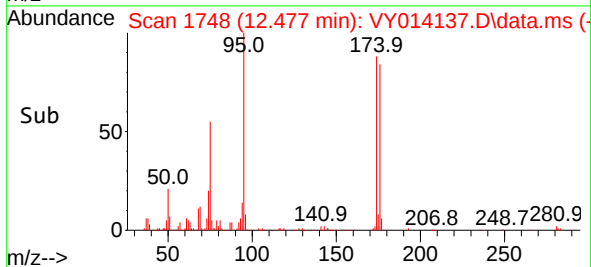
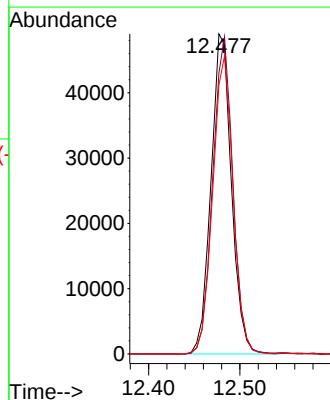
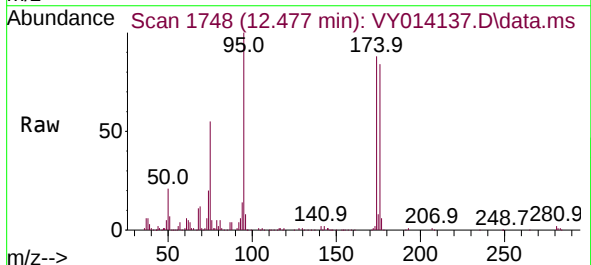
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-GA

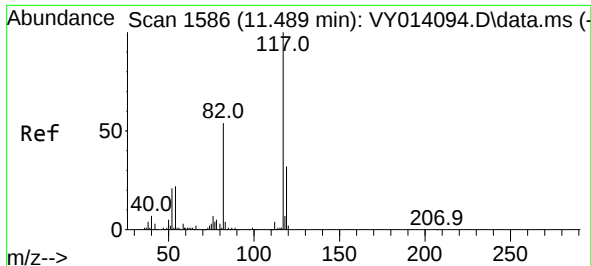
Tgt Ion: 98 Resp: 230361
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

Tgt Ion: 95 Resp: 76168
Ion Ratio Lower Upper
95 100
174 97.4 0.0 178.2
176 92.8 0.0 173.8

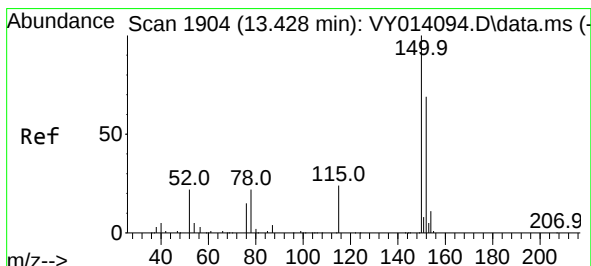
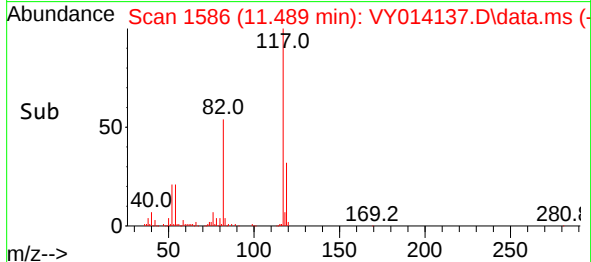
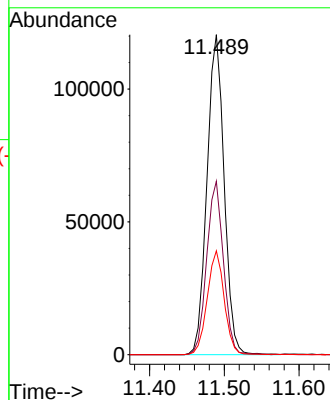
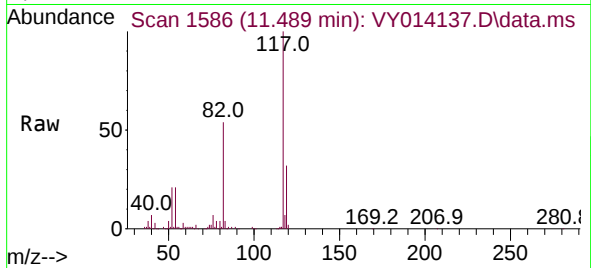




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-GA

Tgt Ion:117 Resp: 192133
Ion Ratio Lower Upper
117 100
82 54.2 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. -0.006 min
Lab File: VY014137.D
Acq: 13 Jun 2023 14:19

Tgt Ion:152 Resp: 90698
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 155.6 0.0 348.8

