

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012058.D
 Acq On : 03 Jan 2023 19:39
 Operator : KP/MD
 Sample : N6239-04
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C1

Quant Time: Jan 04 01:21:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109394	60.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.660%
35) Dibromofluoromethane	7.716	113	97914	51.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.179	98	387815	50.336	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.483	95	123841	47.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.580%

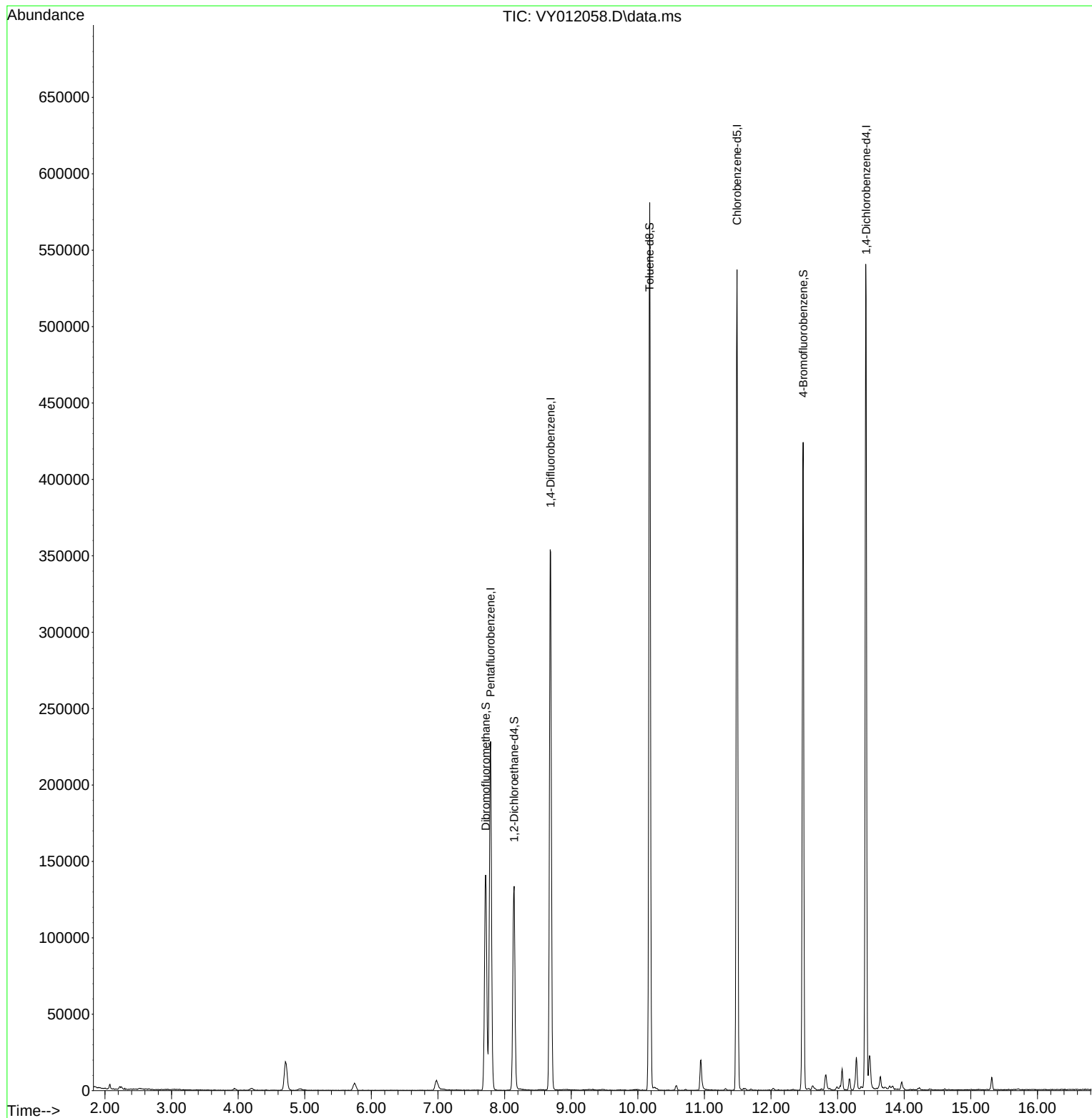
Target Compounds	Qvalue

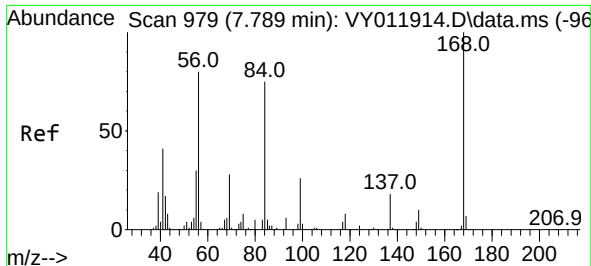
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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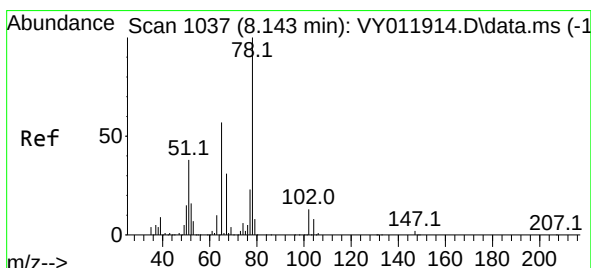
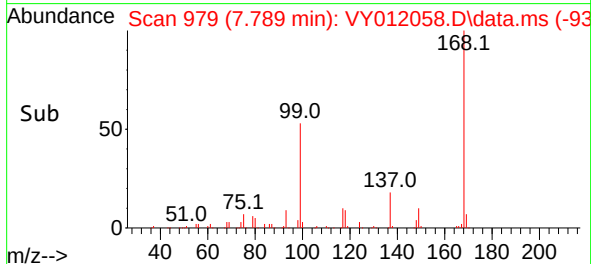
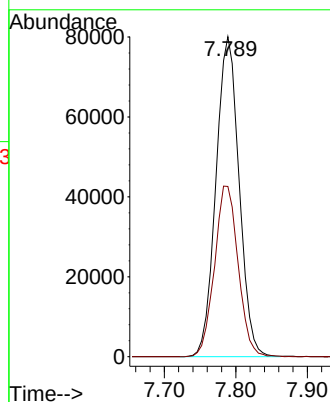
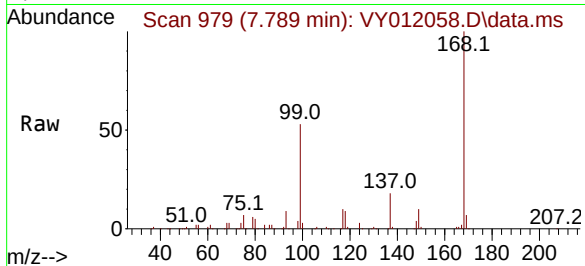




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

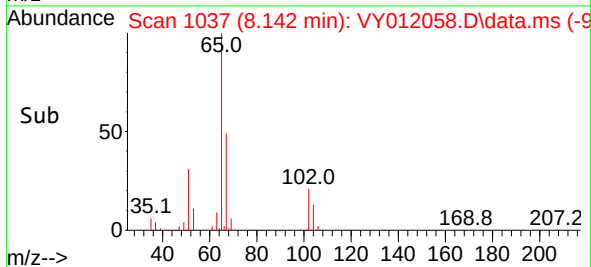
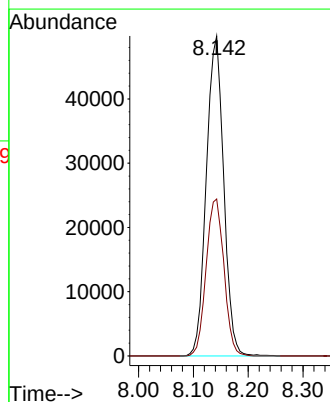
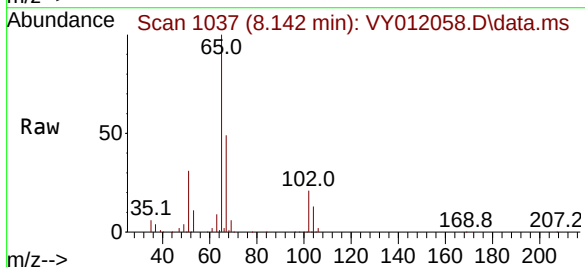
Instrument :
MSVOA_Y
ClientSampleId :
TP-C1

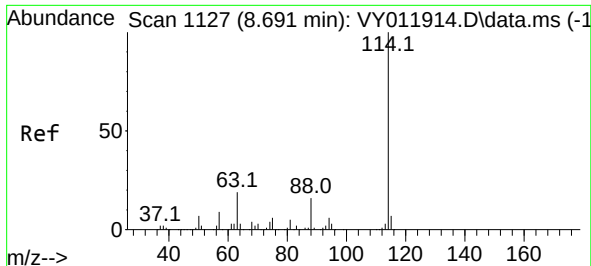
Tgt Ion:168 Resp: 179981
Ion Ratio Lower Upper
168 100
99 53.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 60.330 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

Tgt Ion: 65 Resp: 109394
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.2

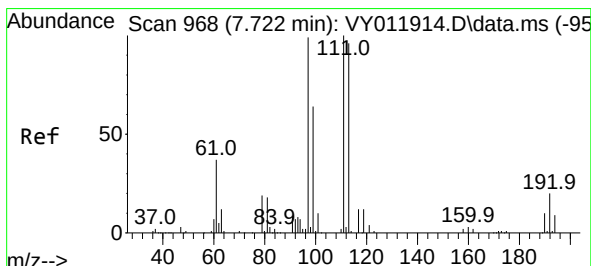
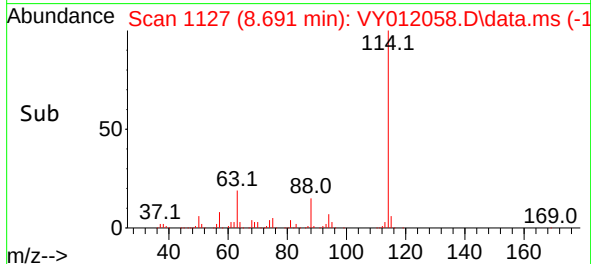
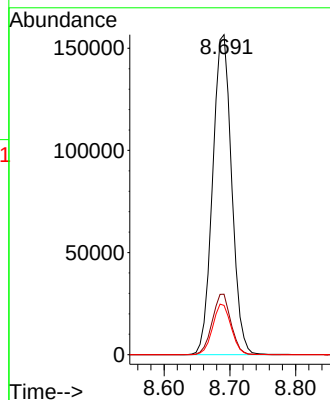
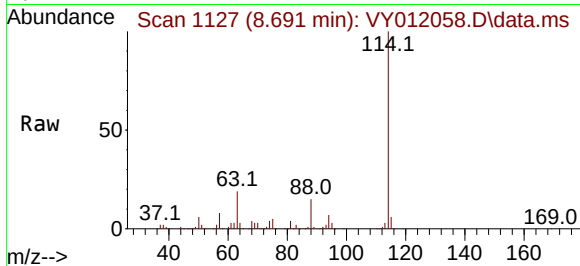




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

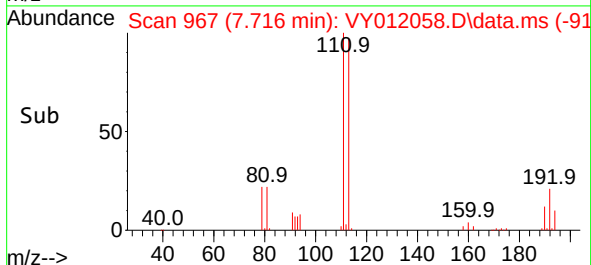
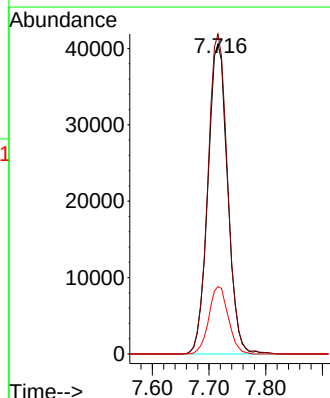
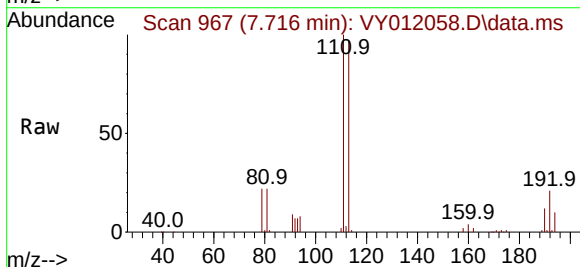
Instrument :
MSVOA_Y
ClientSampleId :
TP-C1

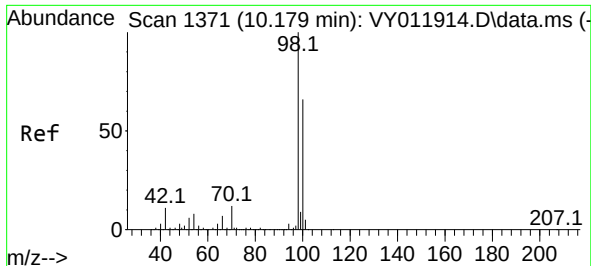
Tgt Ion:	114	Resp:	315429
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.6
88	15.4	0.0	32.2



#35
Dibromofluoromethane
Concen: 51.562 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

Tgt Ion:	113	Resp:	97914
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	21.4	16.0	24.0

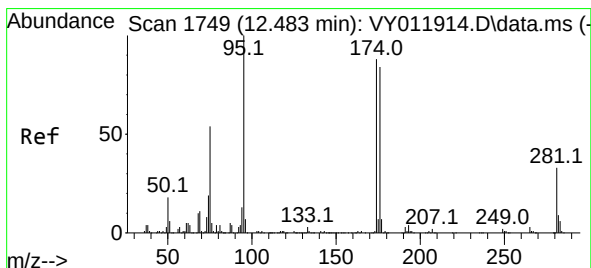
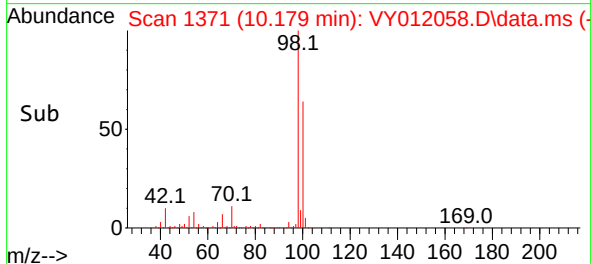
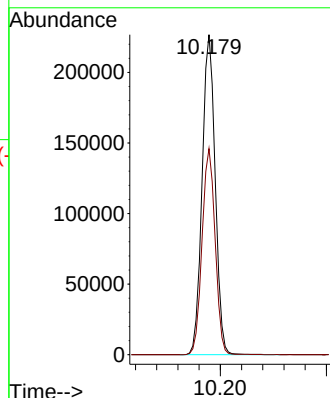
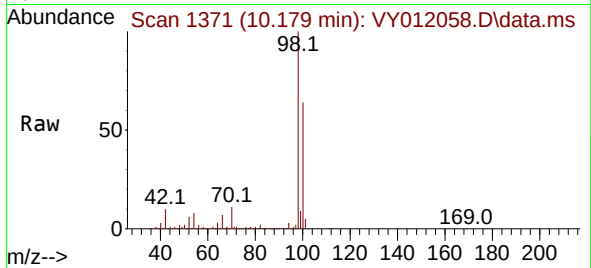




#50
Toluene-d8
Concen: 50.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

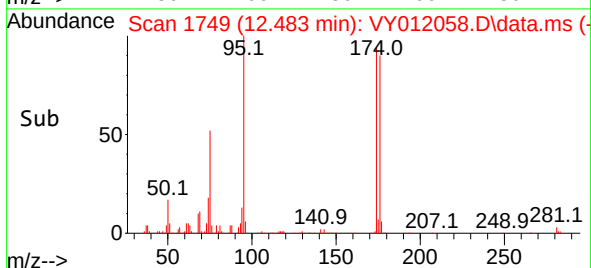
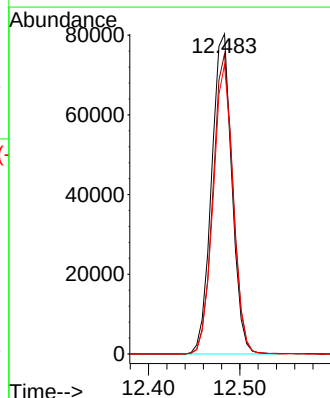
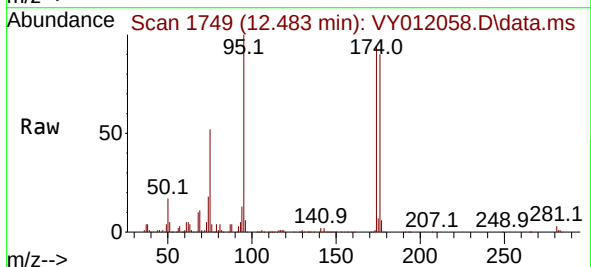
Instrument :
MSVOA_Y
ClientSampleId :
TP-C1

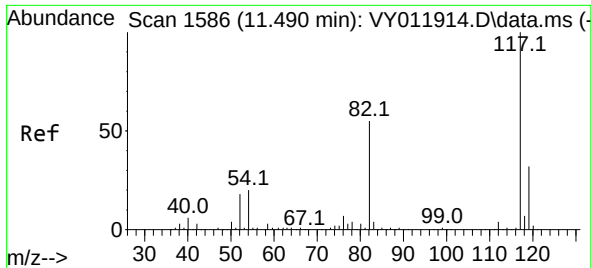
Tgt Ion: 98 Resp: 387815
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

Tgt Ion: 95 Resp: 123841
Ion Ratio Lower Upper
95 100
174 92.9 0.0 172.0
176 89.1 0.0 167.6

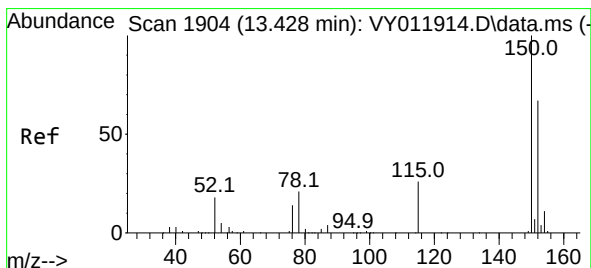
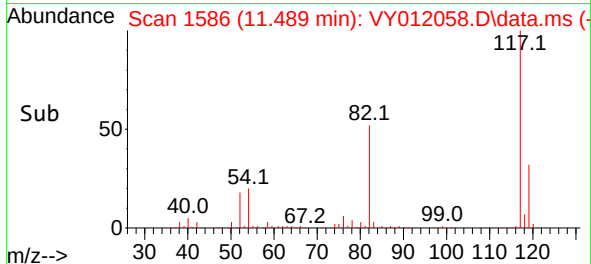
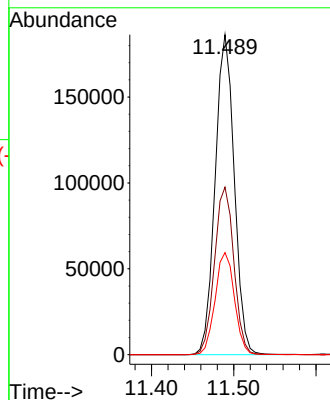
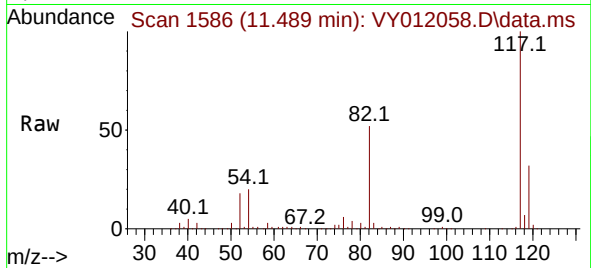




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-C1

Tgt Ion:117 Resp: 300818
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012058.D
Acq: 03 Jan 2023 19:39

Tgt Ion:152 Resp: 143867
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 156.0 0.0 342.6

