

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012269.D
 Acq On : 19 Jan 2023 16:34
 Operator : KP/MD
 Sample : 01190-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-8

Quant Time: Jan 20 03:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	7018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4703	83.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.960%#
35) Dibromofluoromethane	7.715	113	1846	30.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.800%
50) Toluene-d8	10.185	98	13262	65.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.820%
62) 4-Bromofluorobenzene	12.483	95	4308	51.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.320%

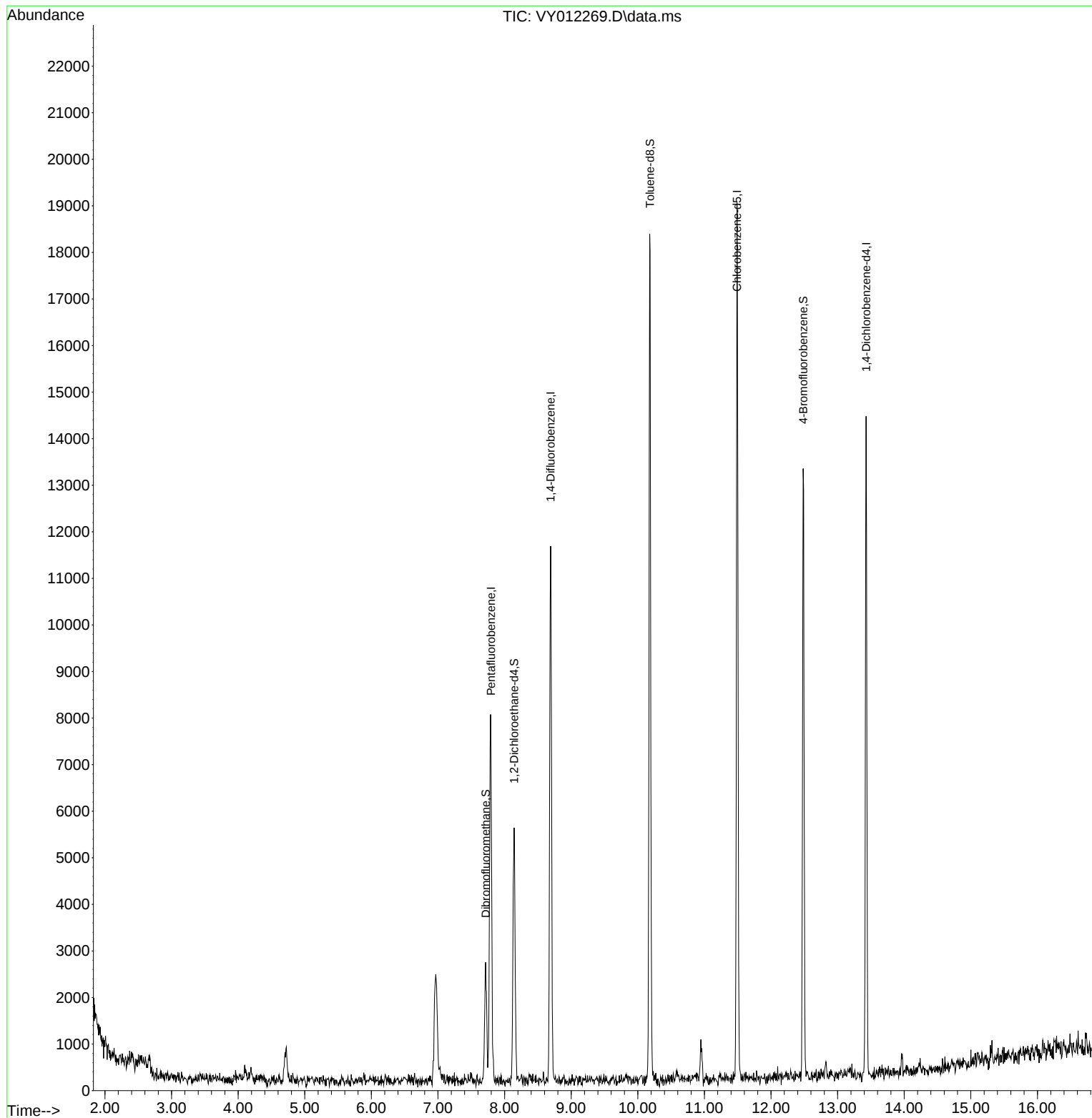
Target Compounds	Qvalue

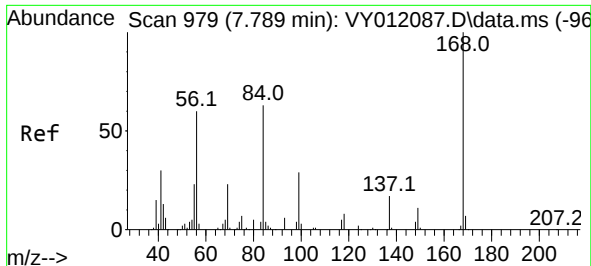
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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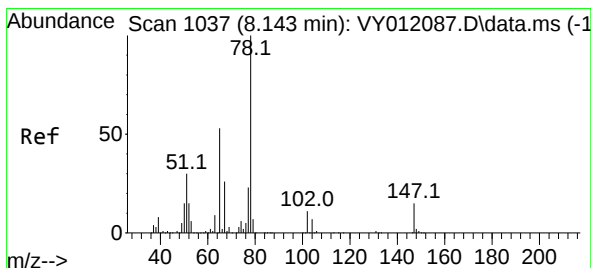
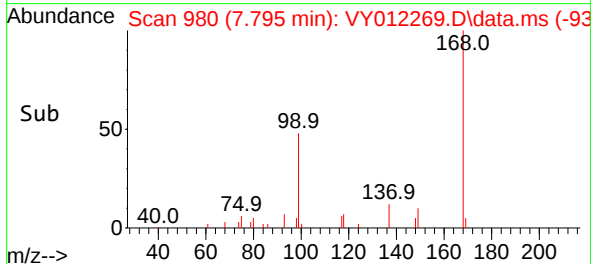
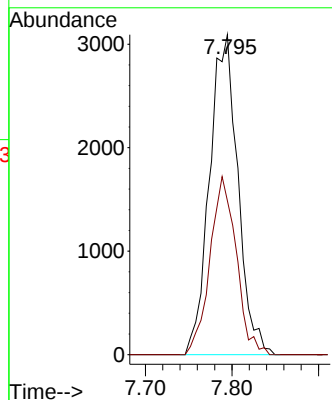
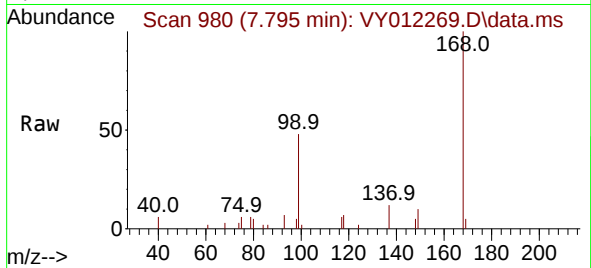




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

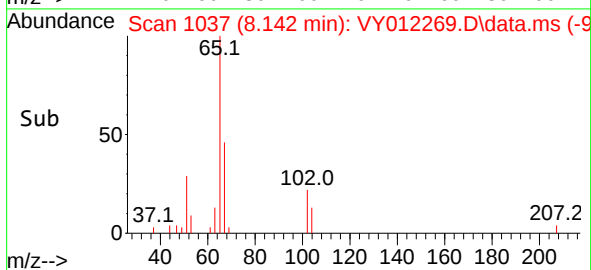
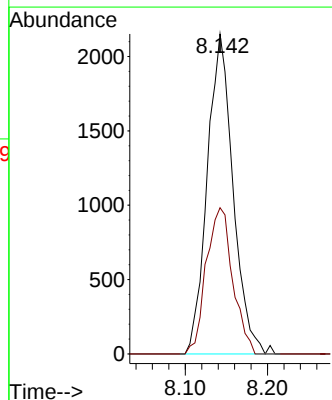
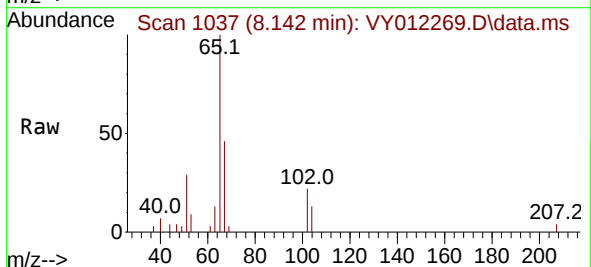
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

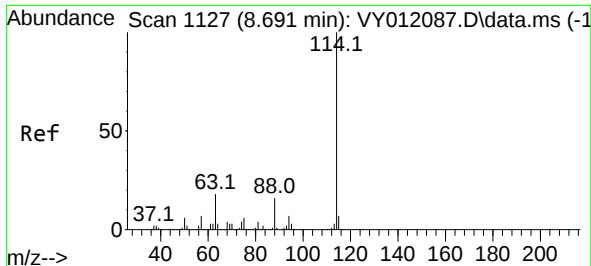
Tgt Ion:168 Resp: 7018
Ion Ratio Lower Upper
168 100
99 48.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 83.480 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion: 65 Resp: 4703
Ion Ratio Lower Upper
65 100
67 46.8 0.0 103.2

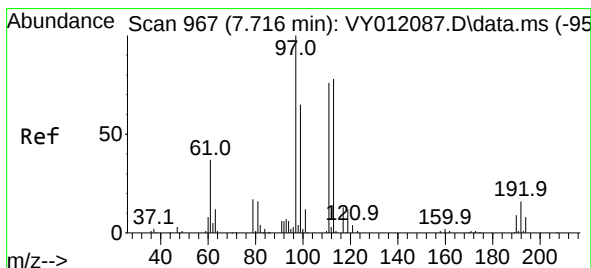
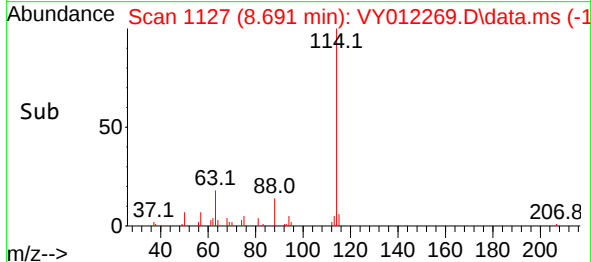
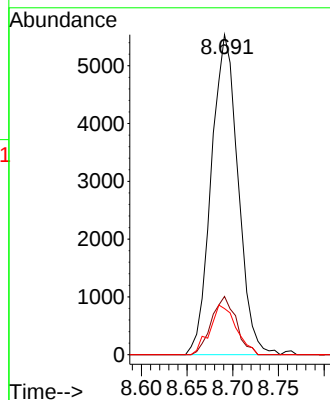
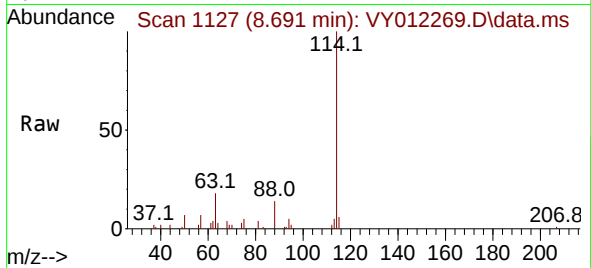




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

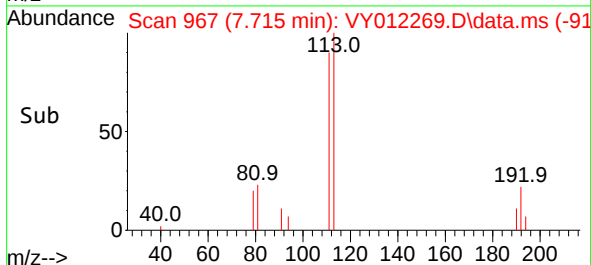
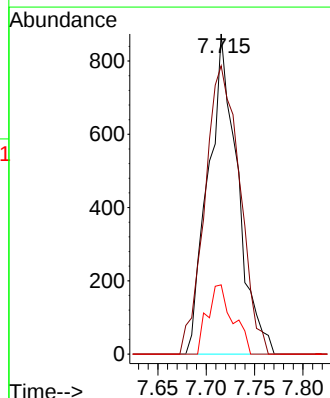
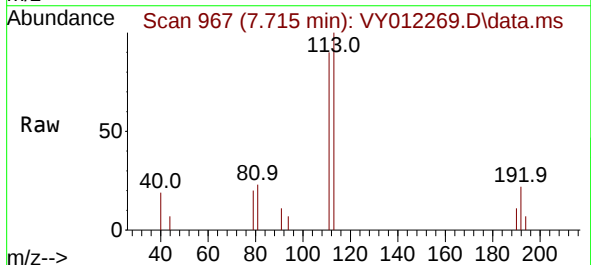
Instrument :
MSVOA_Y
ClientSampleId :
PE-8

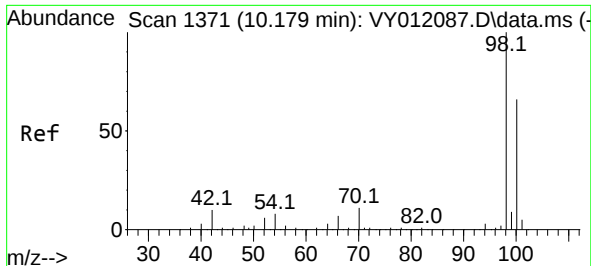
Tgt Ion:114	Resp:	11281
Ion	Ratio	Lower Upper
114	100	
63	18.2	0.0 39.6
88	14.4	0.0 32.2



#35
Dibromofluoromethane
Concen: 30.904 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion:113	Resp:	1846
Ion	Ratio	Lower Upper
113	100	
111	106.8	83.0 124.4
192	18.6	16.0 24.0





#50

Toluene-d8

Concen: 65.414 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012269.D

Acq: 19 Jan 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

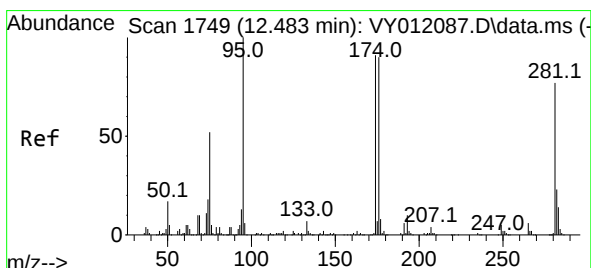
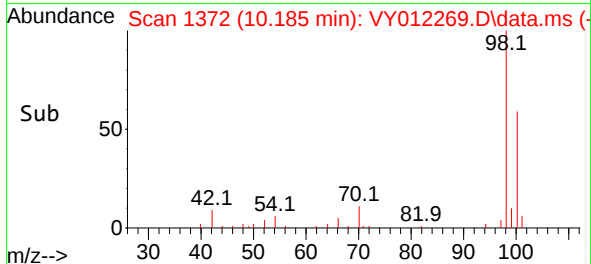
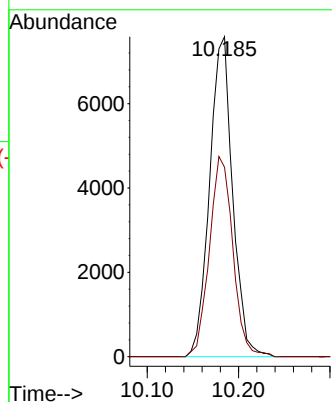
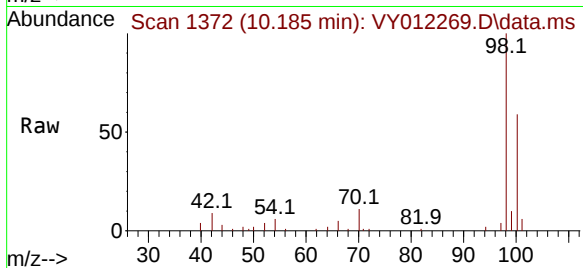
PE-8

Tgt Ion: 98 Resp: 13262

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.161 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012269.D

Acq: 19 Jan 2023 16:34

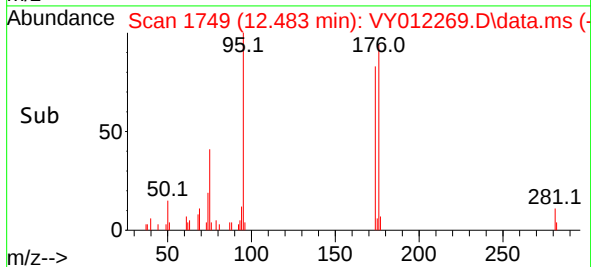
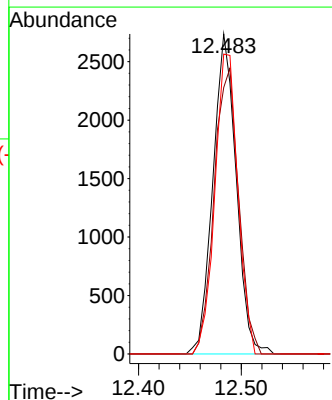
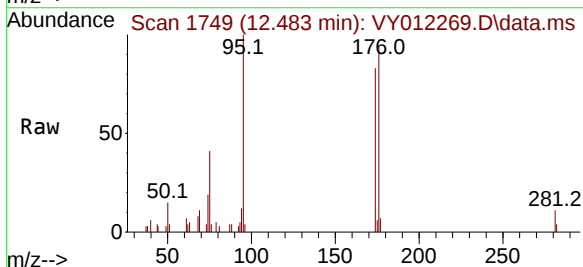
Tgt Ion: 95 Resp: 4308

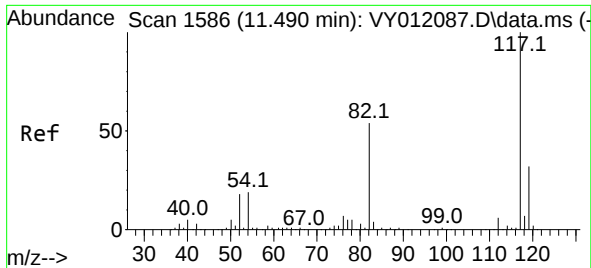
Ion Ratio Lower Upper

95 100

174 93.8 0.0 172.0

176 92.6 0.0 167.6

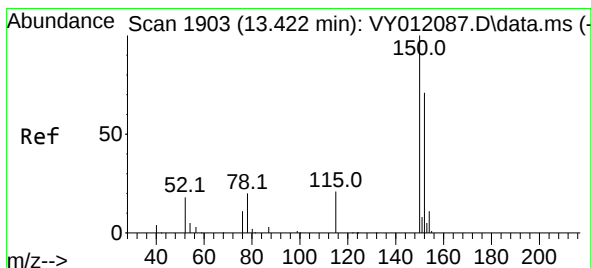
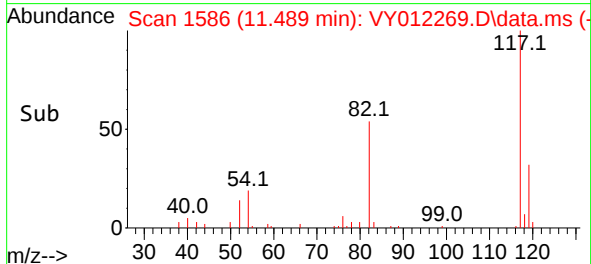
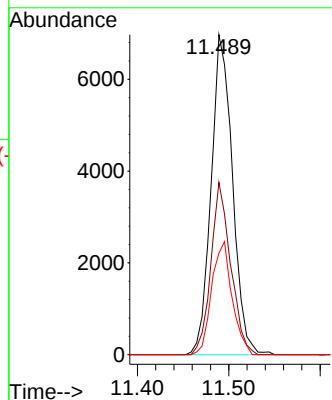
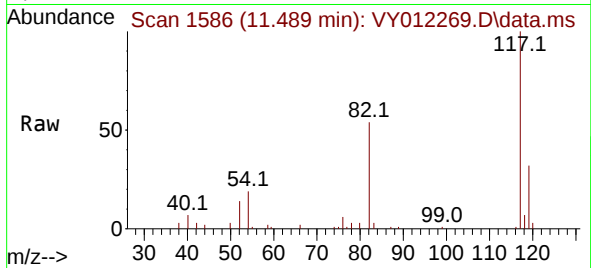




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :
PE-8

Tgt Ion:117 Resp: 11305
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012269.D
Acq: 19 Jan 2023 16:34

Tgt Ion:152 Resp: 4199
Ion Ratio Lower Upper
152 100
115 53.6 29.1 87.3
150 159.6 0.0 342.6

