

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011967.D
 Acq On : 22 Dec 2022 12:17
 Operator : KP/MD
 Sample : N6150-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-K

Quant Time: Dec 23 04:31:29 2022
 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	177294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	308973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104028	58.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	95366	51.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.179	98	371038	49.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.483	95	113343	44.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.320%

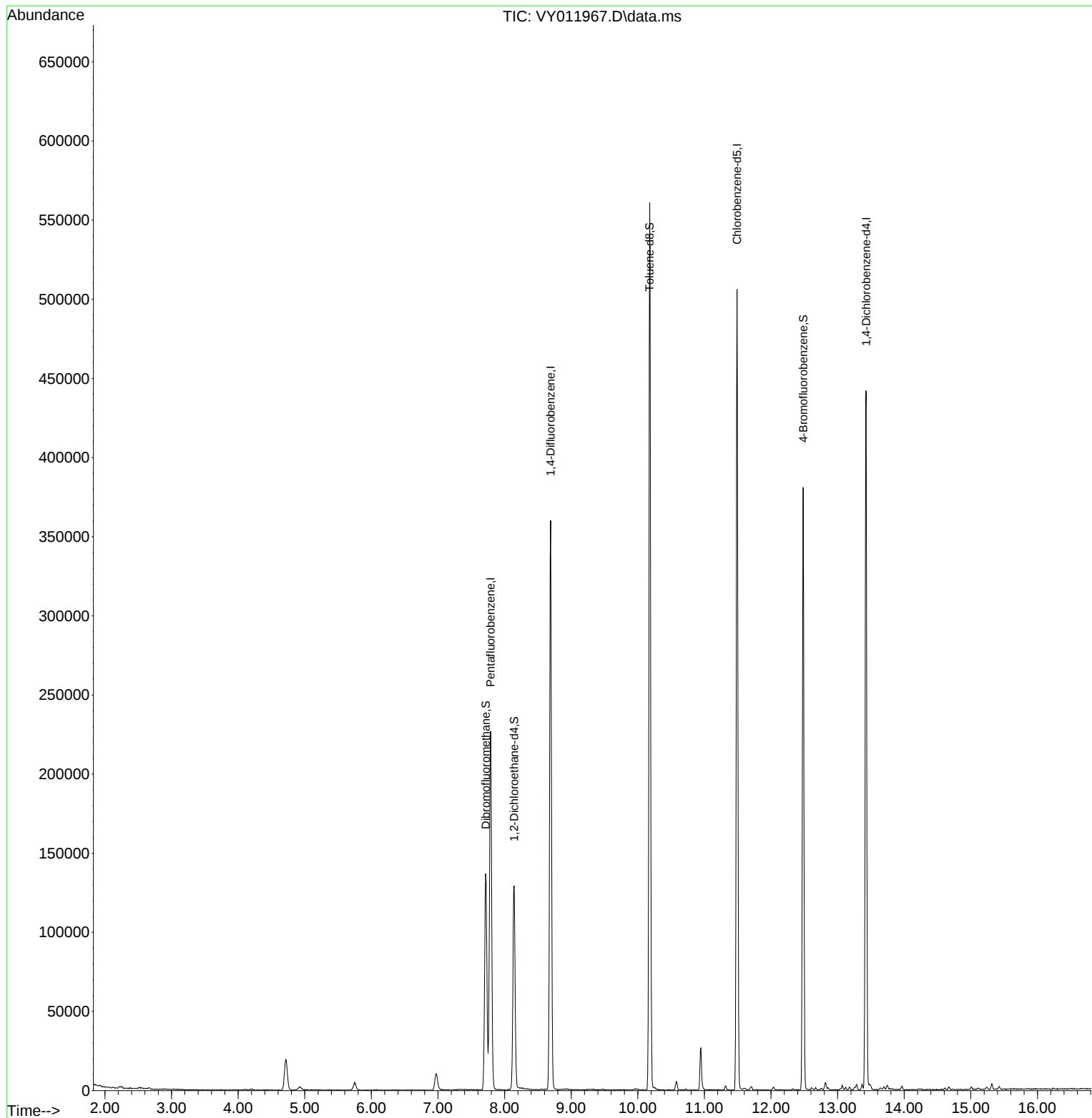
Target Compounds	Qvalue

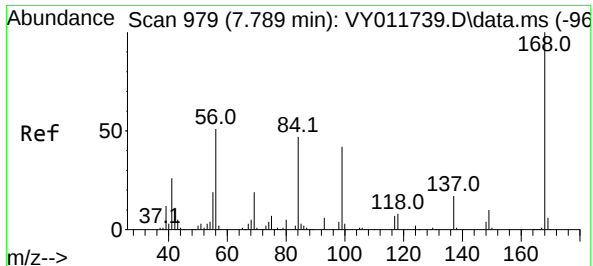
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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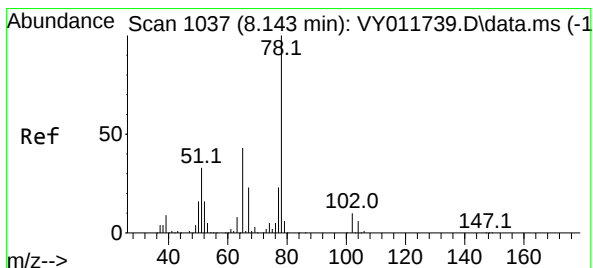
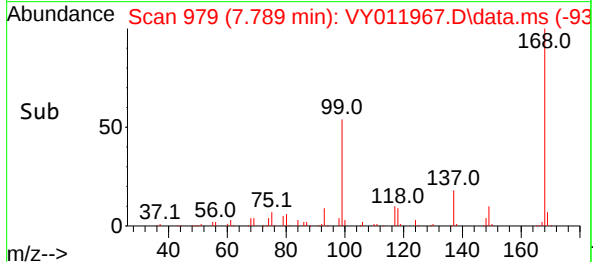
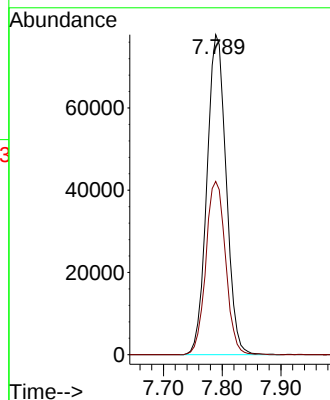
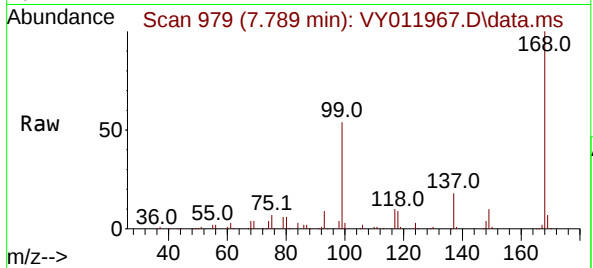




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

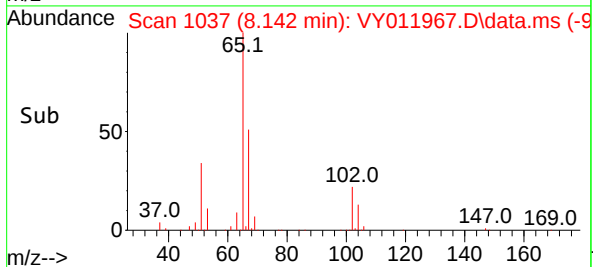
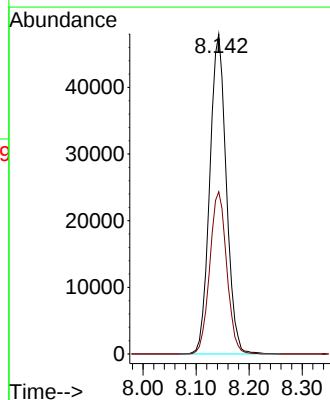
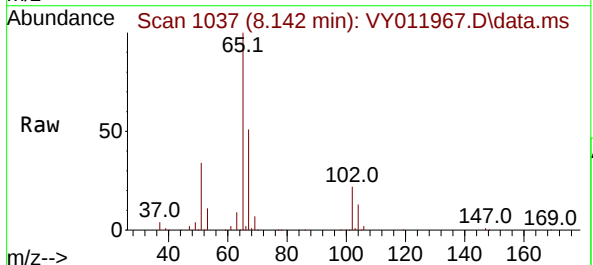
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

Tgt Ion:168 Resp: 177294
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.240 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 65 Resp: 104028
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2

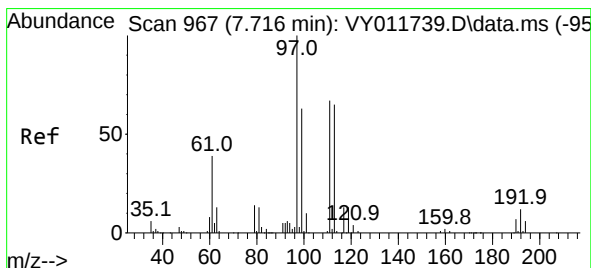
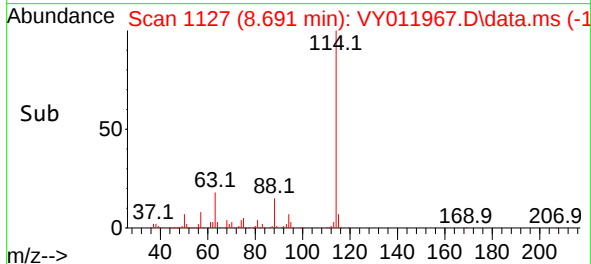
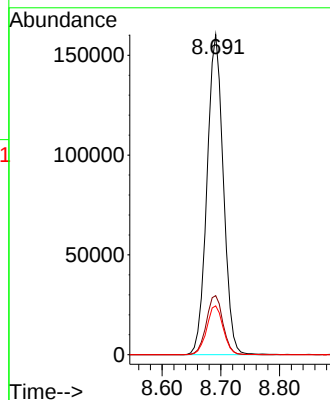
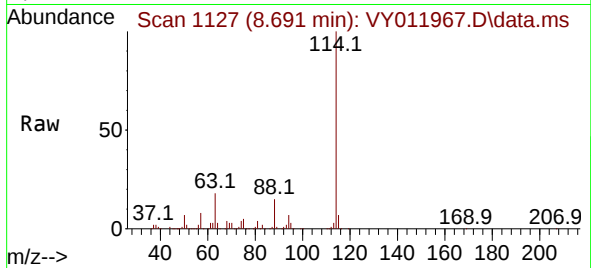




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

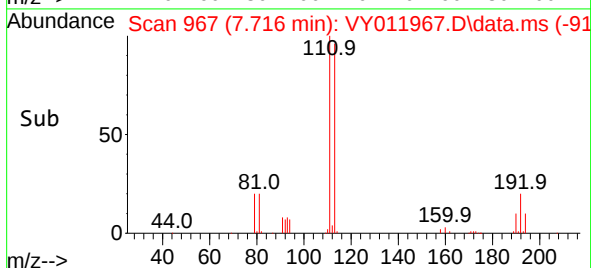
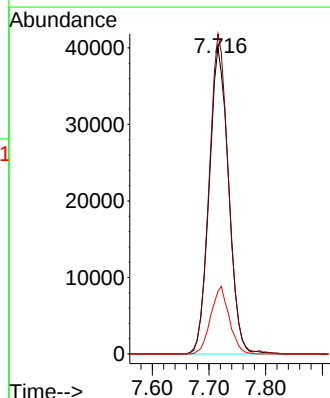
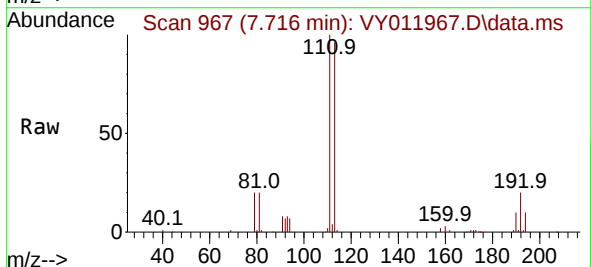
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

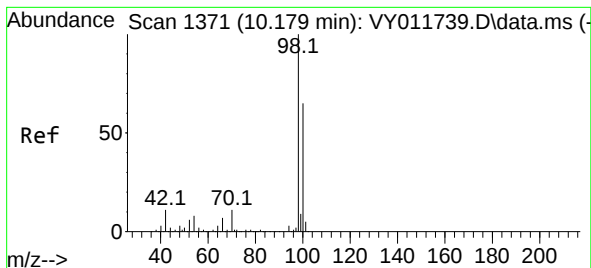
Tgt Ion:114 Resp: 308973
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.6
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion:113 Resp: 95366
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 20.9 16.0 24.0





#50

Toluene-d8

Concen: 49.164 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011967.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_Y

ClientSampleId :

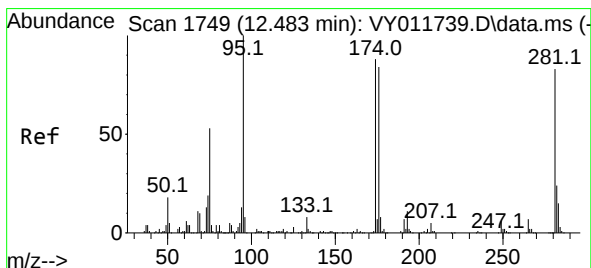
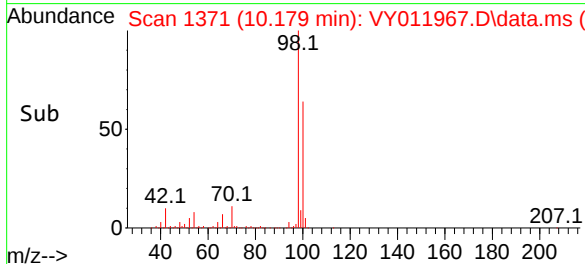
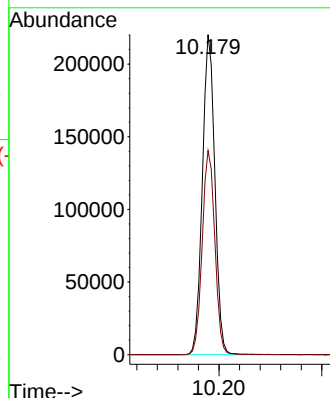
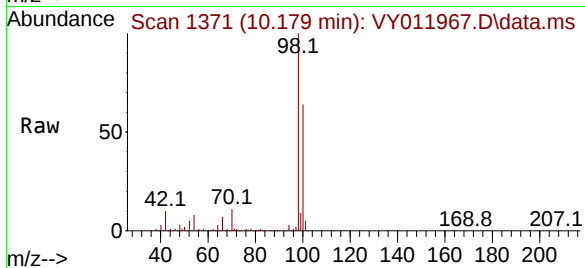
TP-K

Tgt Ion: 98 Resp: 371038

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.655 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011967.D

Acq: 22 Dec 2022 12:17

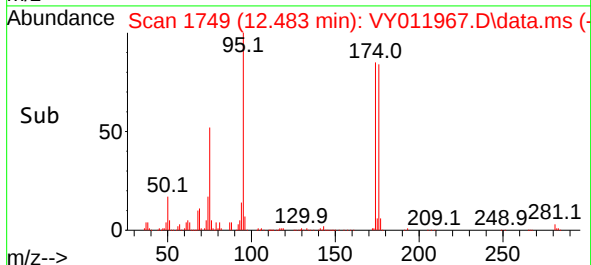
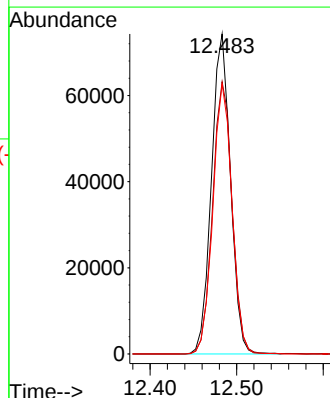
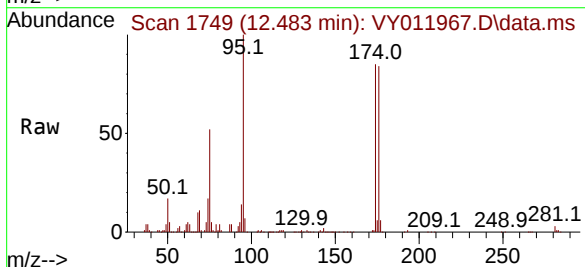
Tgt Ion: 95 Resp: 113343

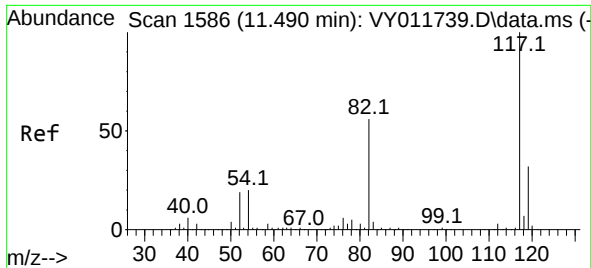
Ion Ratio Lower Upper

95 100

174 87.4 0.0 172.0

176 84.9 0.0 167.6

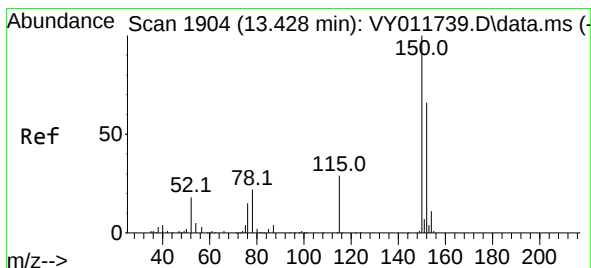
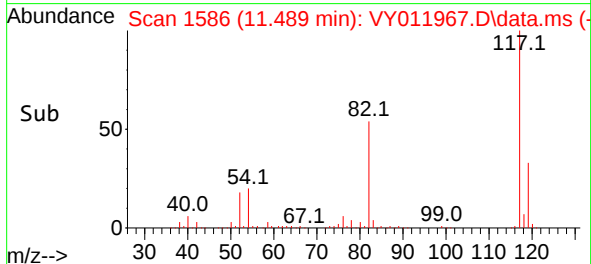
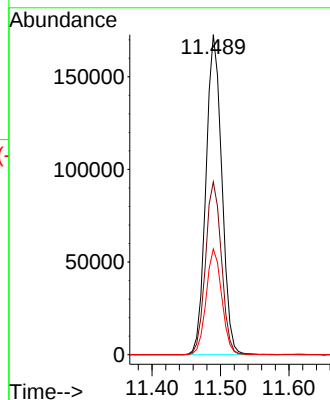
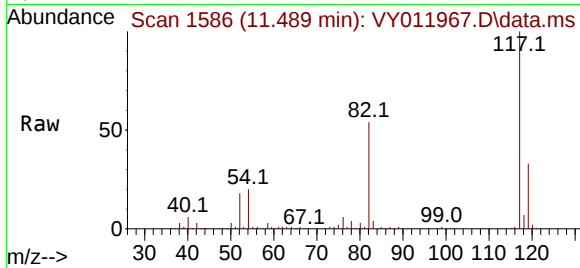




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-K

Tgt Ion:117 Resp: 278982
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 33.1 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: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion:152 Resp: 121790
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 155.7 0.0 342.6

