

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011969.D
 Acq On : 22 Dec 2022 13:04
 Operator : KP/MD
 Sample : N6163-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-122022

Quant Time: Dec 23 04:31:45 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	7843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	14329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6529	82.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.260%#
35) Dibromofluoromethane	7.716	113	3850	44.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.260%
50) Toluene-d8	10.179	98	17603	50.295	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.483	95	5000	42.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.960%

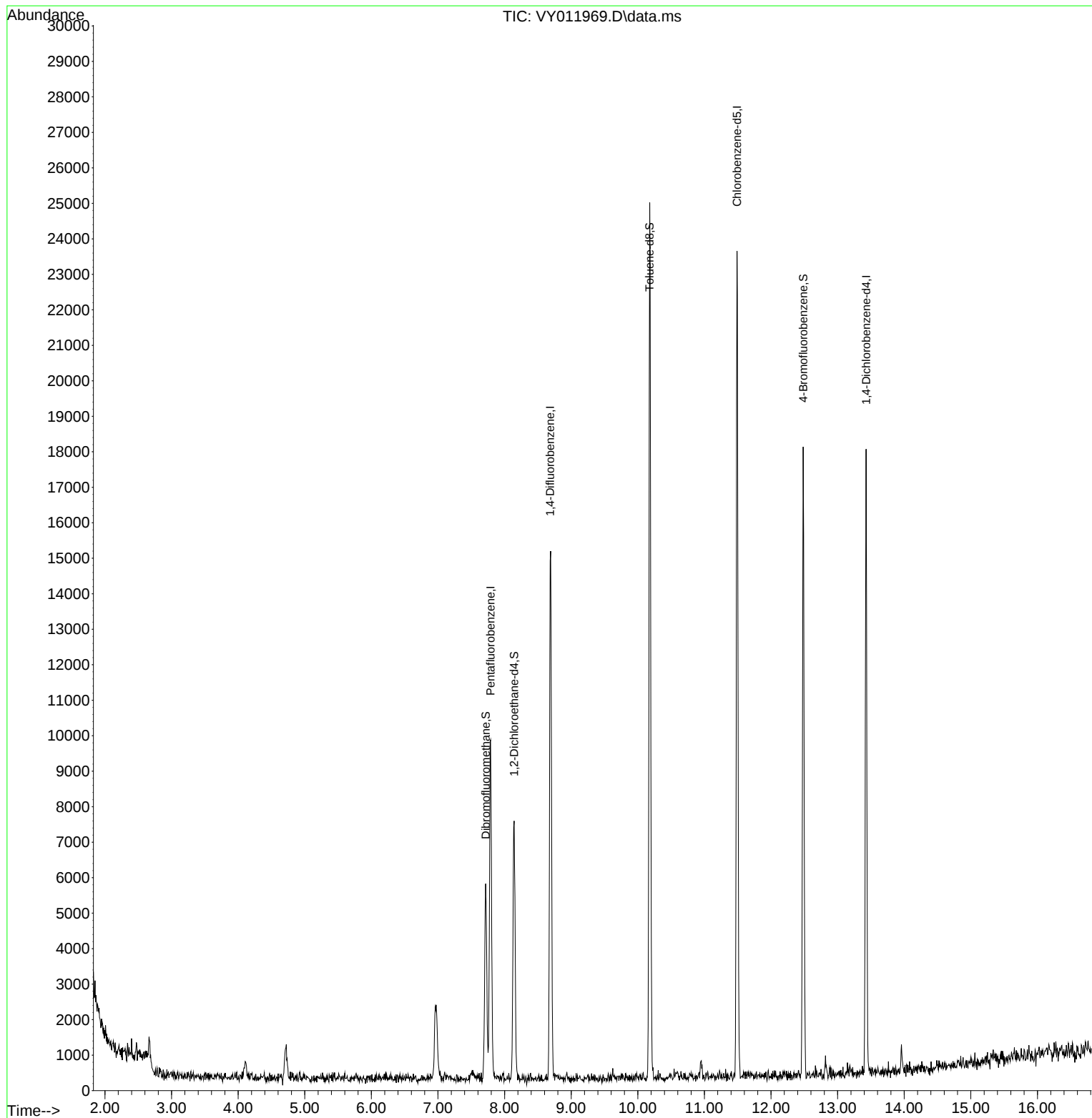
Target Compounds	Qvalue

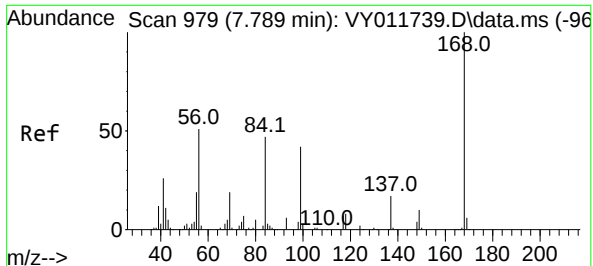
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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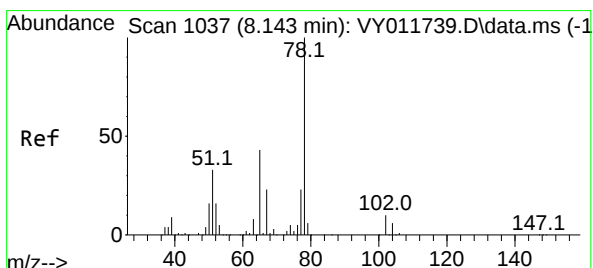
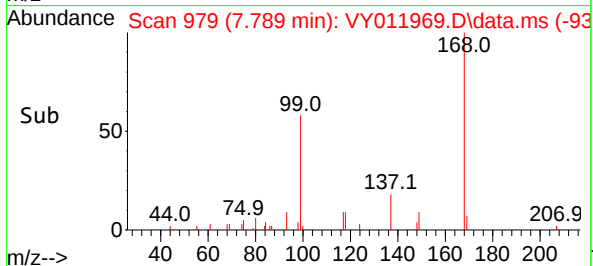
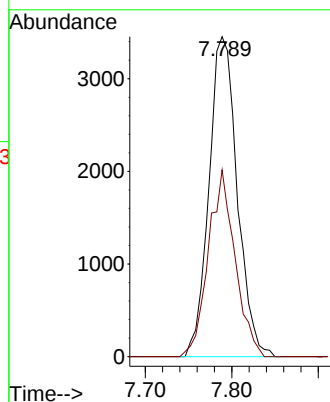
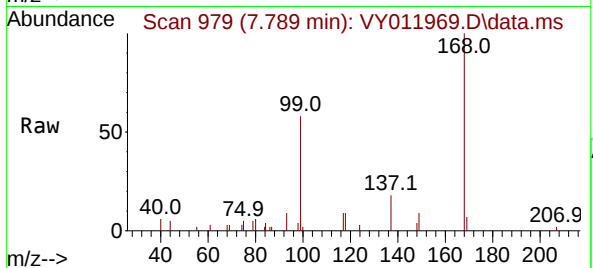




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011969.D
Acq: 22 Dec 2022 13:04

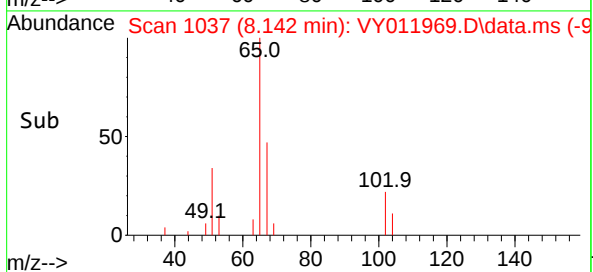
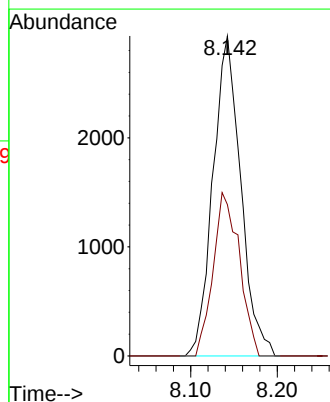
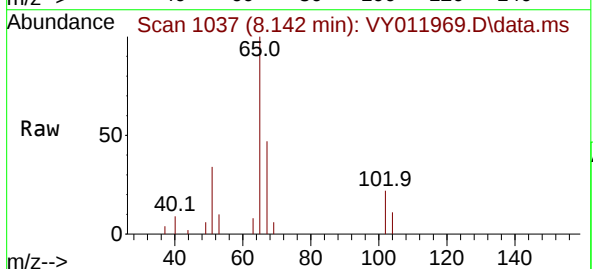
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022

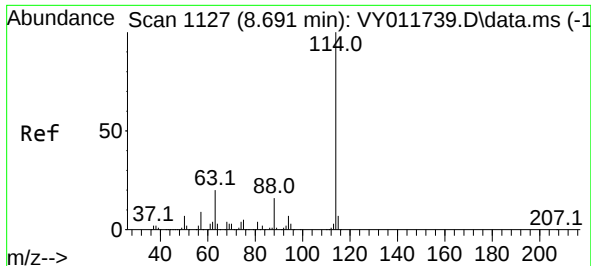
Tgt Ion:168 Resp: 7843
Ion Ratio Lower Upper
168 100
99 58.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 82.628 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011969.D
Acq: 22 Dec 2022 13:04

Tgt Ion: 65 Resp: 6529
Ion Ratio Lower Upper
65 100
67 48.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011969.D

Acq: 22 Dec 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-122022

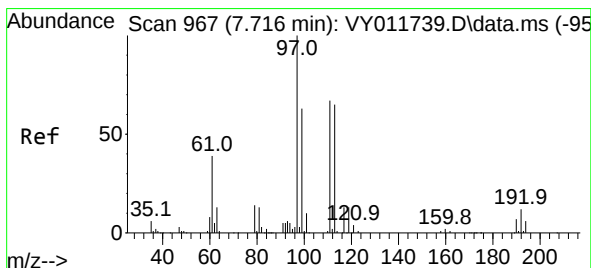
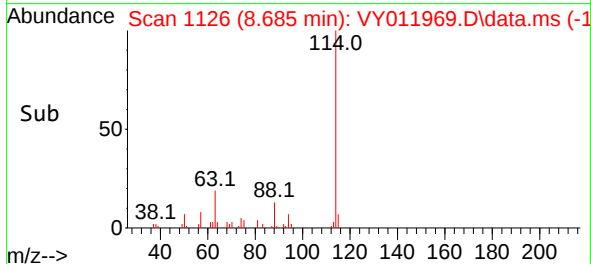
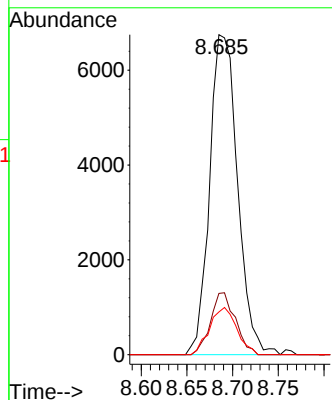
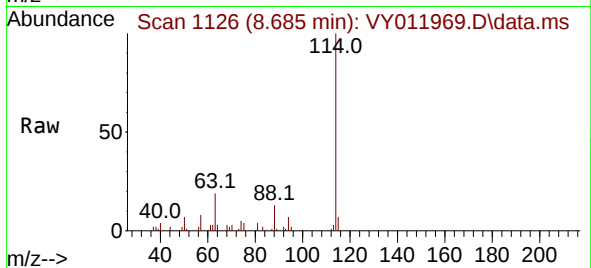
Tgt Ion:114 Resp: 14329

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 13.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.630 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011969.D

Acq: 22 Dec 2022 13:04

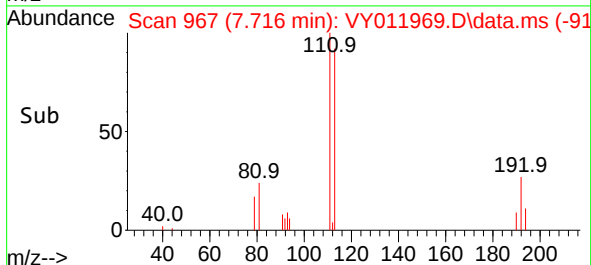
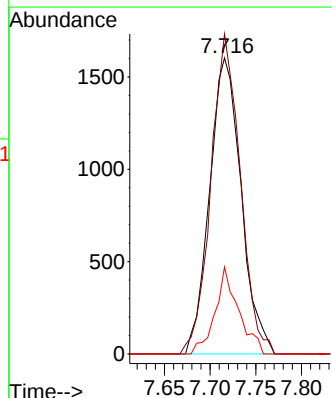
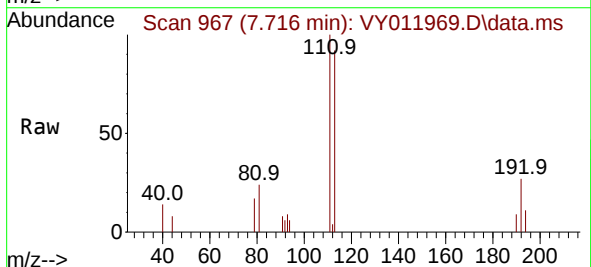
Tgt Ion:113 Resp: 3850

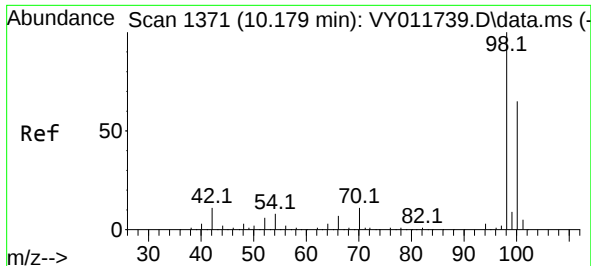
Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.4

192 21.7 16.0 24.0

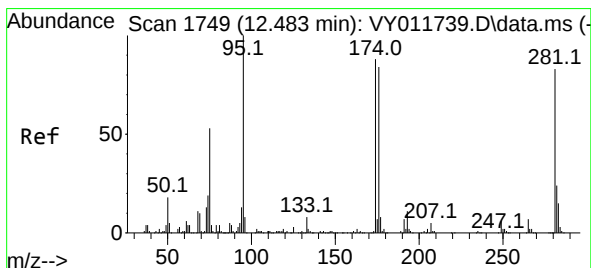
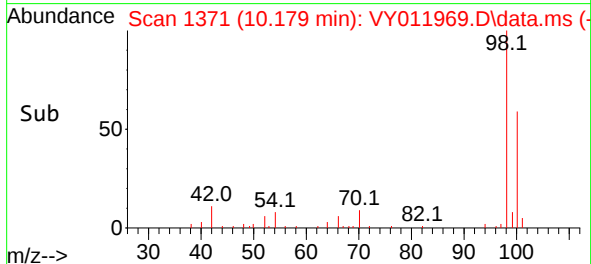
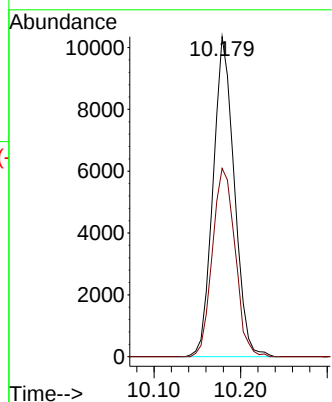
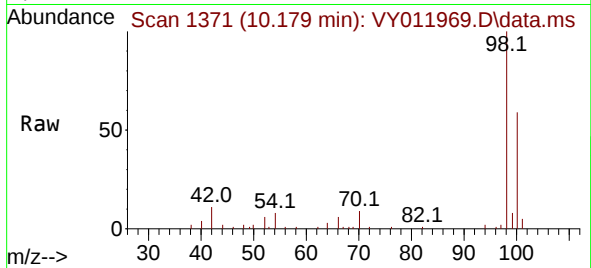




#50
Toluene-d8
Concen: 50.295 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011969.D
Acq: 22 Dec 2022 13:04

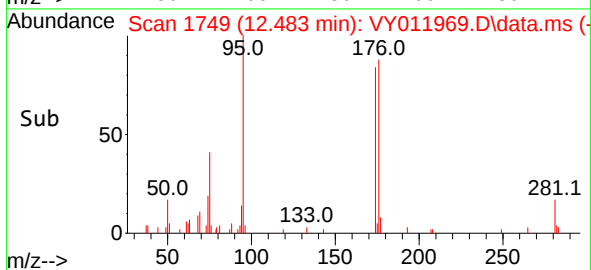
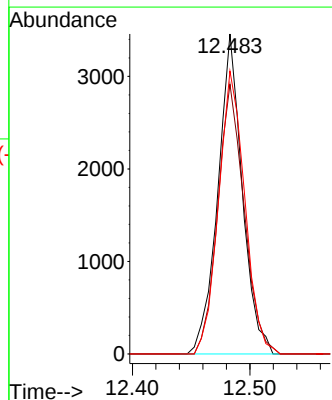
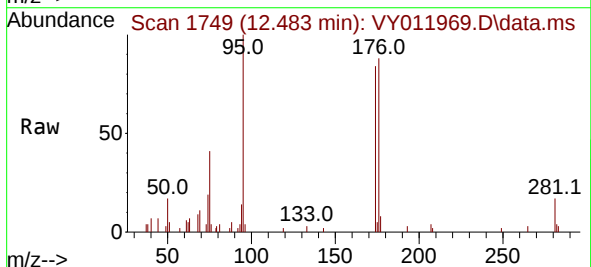
Instrument :
MSVOA_Y
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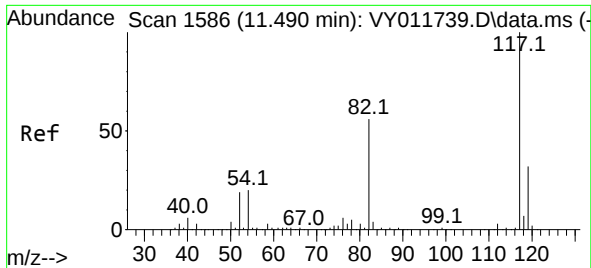
Tgt Ion: 98 Resp: 17603
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011969.D
Acq: 22 Dec 2022 13:04

Tgt Ion: 95 Resp: 5000
Ion Ratio Lower Upper
95 100
174 90.8 0.0 172.0
176 94.6 0.0 167.6

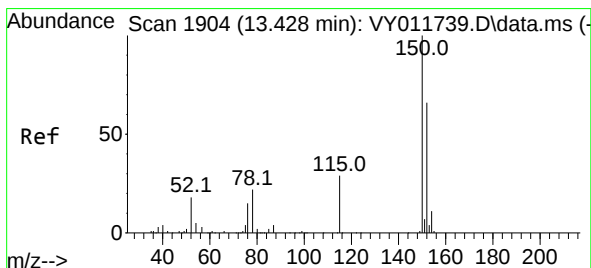
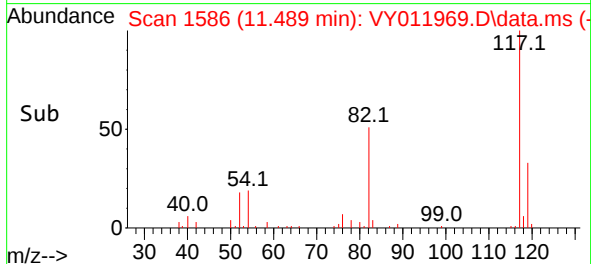
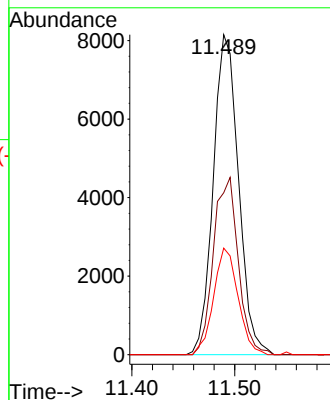
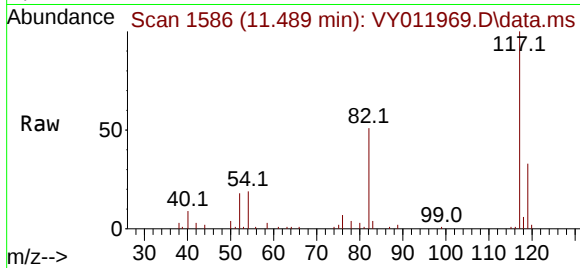




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011969.D
Acq: 22 Dec 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022

Tgt Ion:117	Resp:	13900
Ion	Ratio	Lower Upper
117	100	
82	50.6	44.8 67.2
119	33.3	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: VY011969.D
Acq: 22 Dec 2022 13:04

Tgt Ion:152	Resp:	5030
Ion	Ratio	Lower Upper
152	100	
115	61.1	29.1 87.3
150	154.5	0.0 342.6

