

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012452.D
 Acq On : 02 Feb 2023 13:15
 Operator : KP/MD
 Sample : VY0202SBL06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL06

Quant Time: Feb 03 03:11:00 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	175519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68177	46.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.722	113	66579	45.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.580%
50) Toluene-d8	10.179	98	219250	42.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.800%
62) 4-Bromofluorobenzene	12.483	95	81464	39.742	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.480%

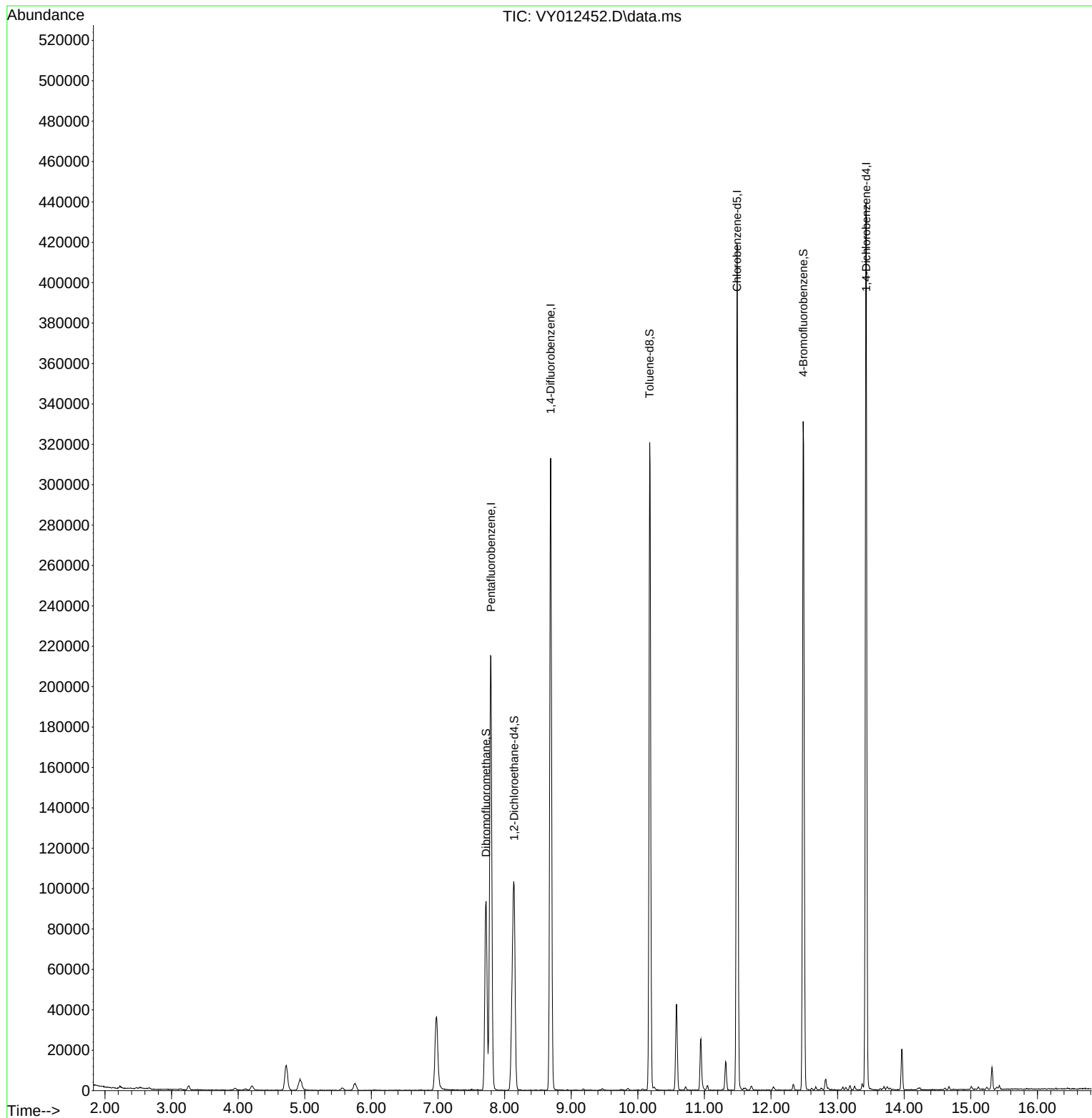
Target Compounds	Qvalue

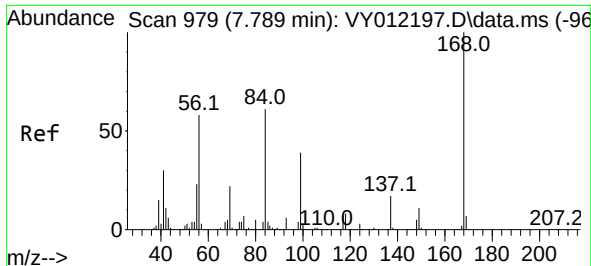
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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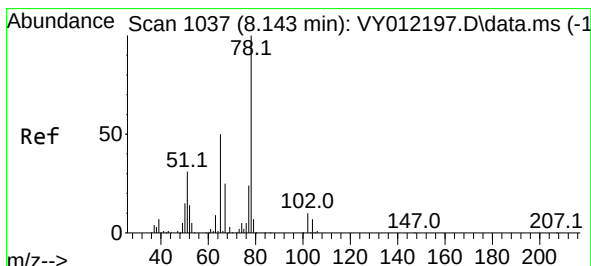
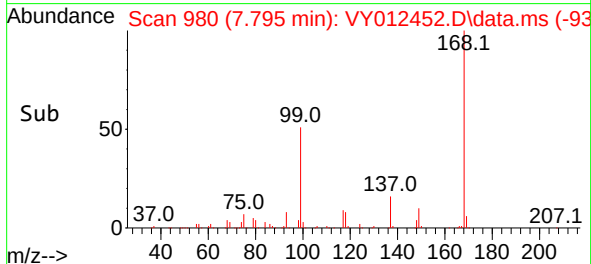
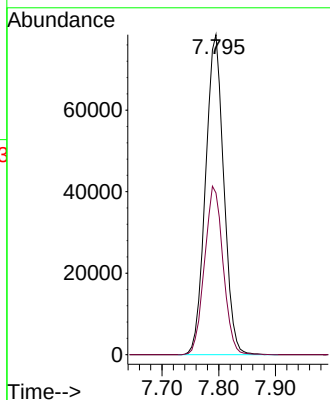
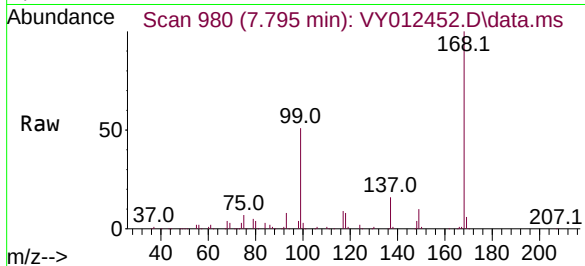




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

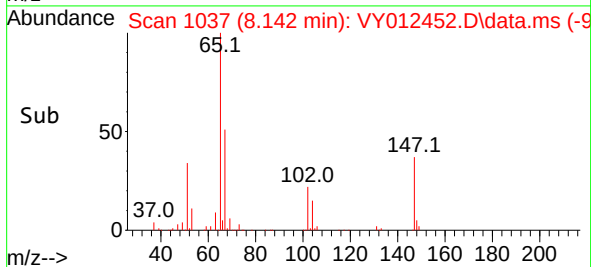
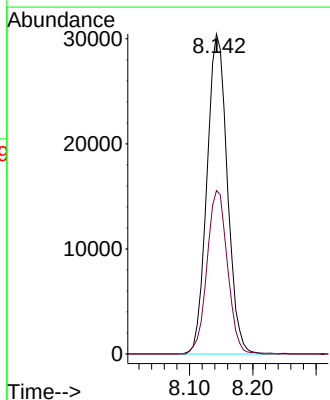
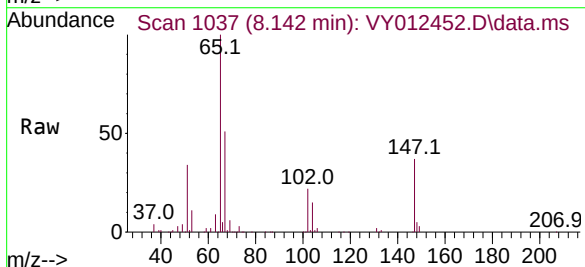
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL06

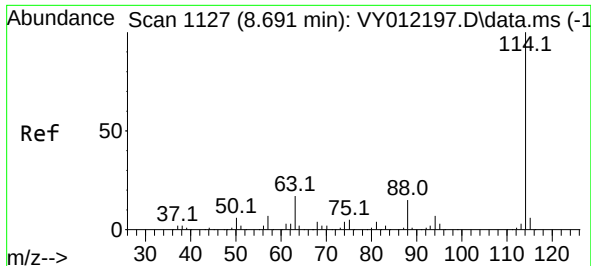
Tgt Ion:168 Resp: 175519
Ion Ratio Lower Upper
168 100
99 50.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 46.594 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 65 Resp: 68177
Ion Ratio Lower Upper
65 100
67 51.3 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: VY012452.D

Acq: 02 Feb 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL06

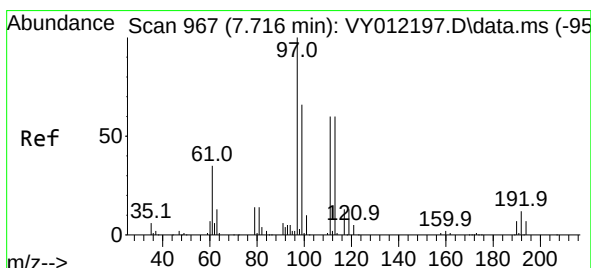
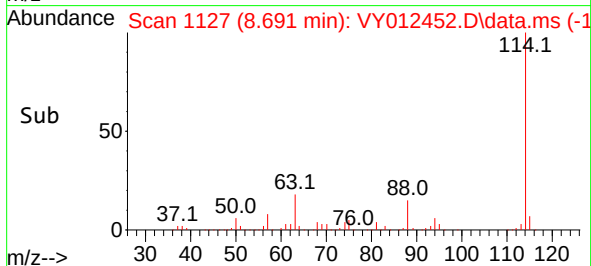
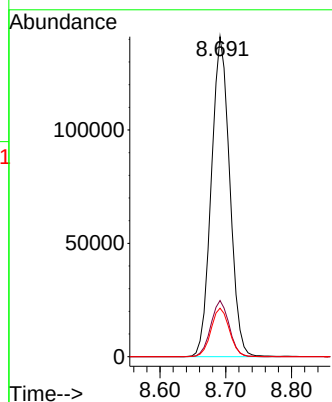
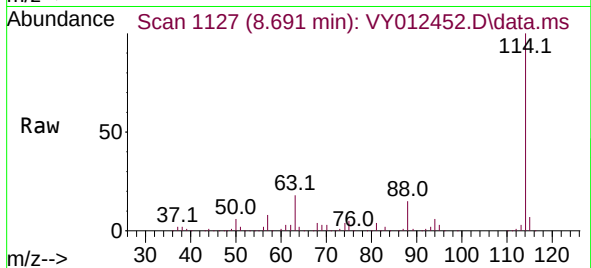
Tgt Ion:114 Resp: 274613

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.788 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012452.D

Acq: 02 Feb 2023 13:15

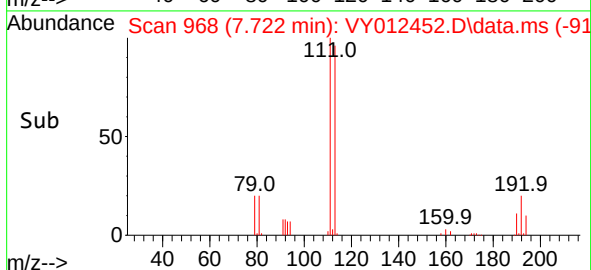
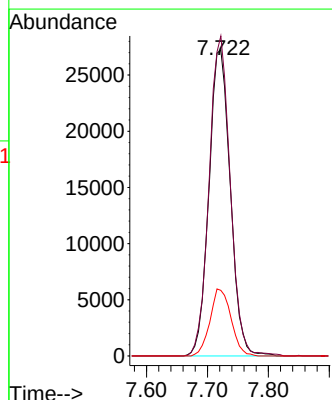
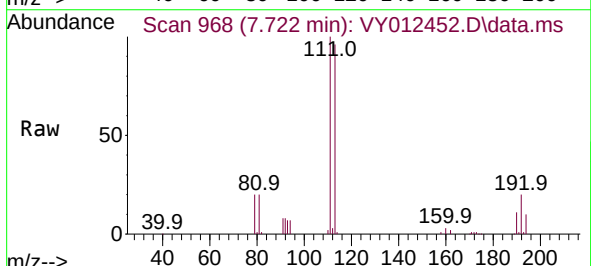
Tgt Ion:113 Resp: 66579

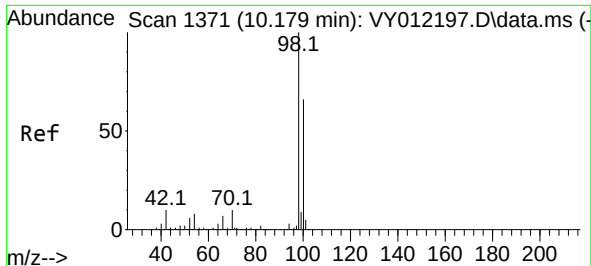
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.5 16.0 24.0

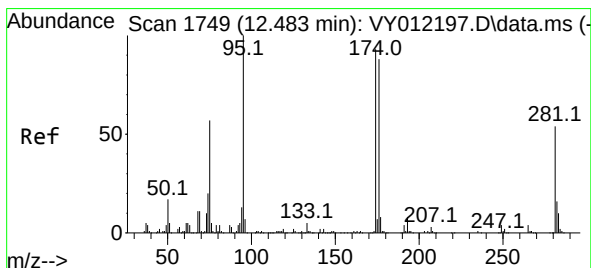
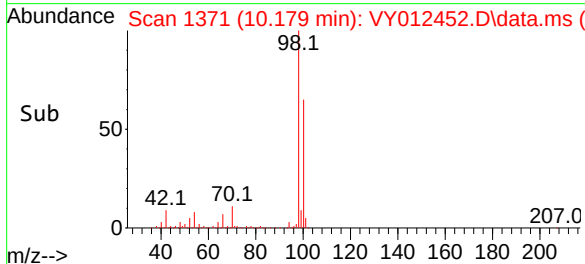
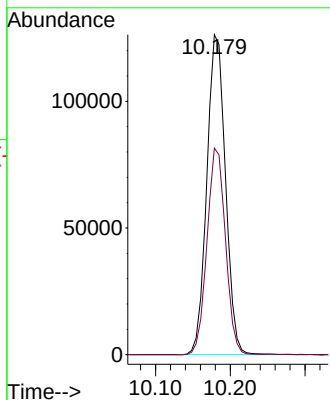
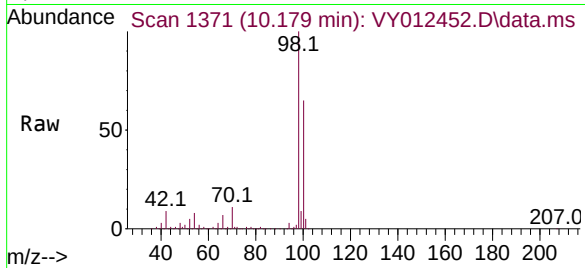




#50
Toluene-d8
Concen: 42.904 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

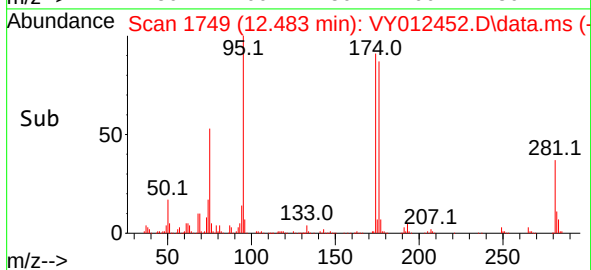
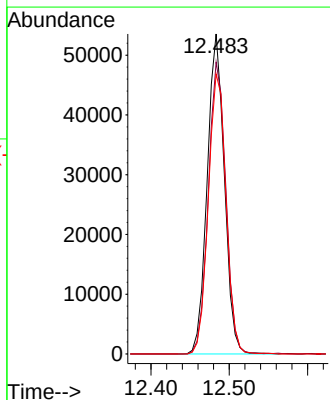
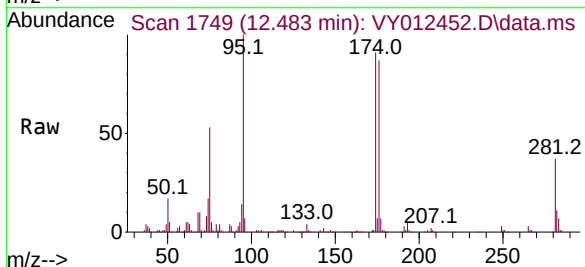
Instrument :
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VY0202SBL06

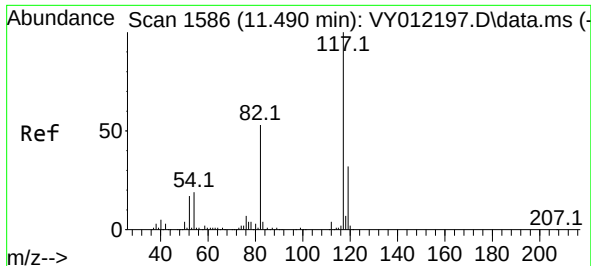
Tgt Ion: 98 Resp: 219250
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion: 95 Resp: 81464
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.2 0.0 167.6

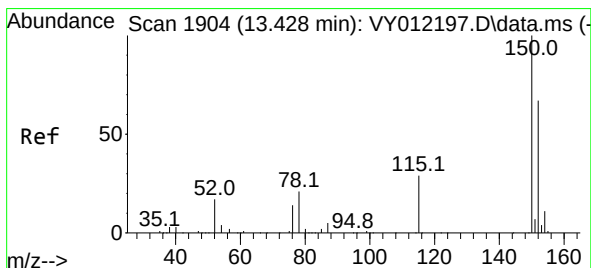
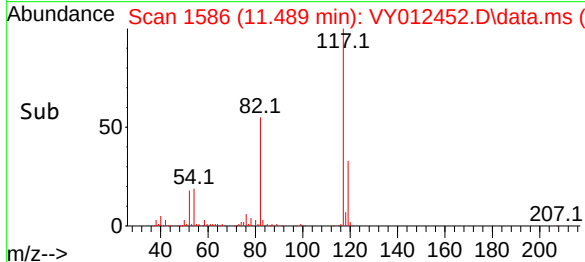
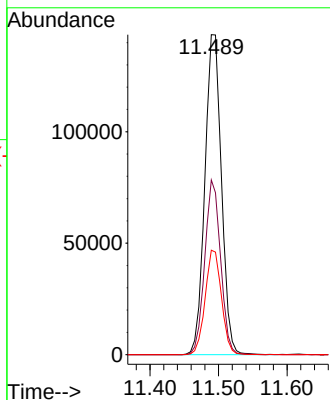
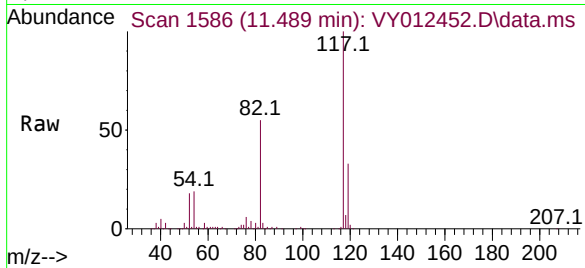




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012452.D
Acq: 02 Feb 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL06

Tgt Ion:117 Resp: 241978
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 32.6 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: VY012452.D
Acq: 02 Feb 2023 13:15

Tgt Ion:152 Resp: 116805
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 157.9 0.0 342.6

