

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012646.D
 Acq On : 17 Feb 2023 13:22
 Operator : KP/MD
 Sample : 01559-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-743-745RE

Quant Time: Feb 17 13:36:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83116	45.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.240%
35) Dibromofluoromethane	7.710	113	70145	40.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.200%
50) Toluene-d8	10.179	98	278395	38.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.460%
62) 4-Bromofluorobenzene	12.477	95	96803	38.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.220%

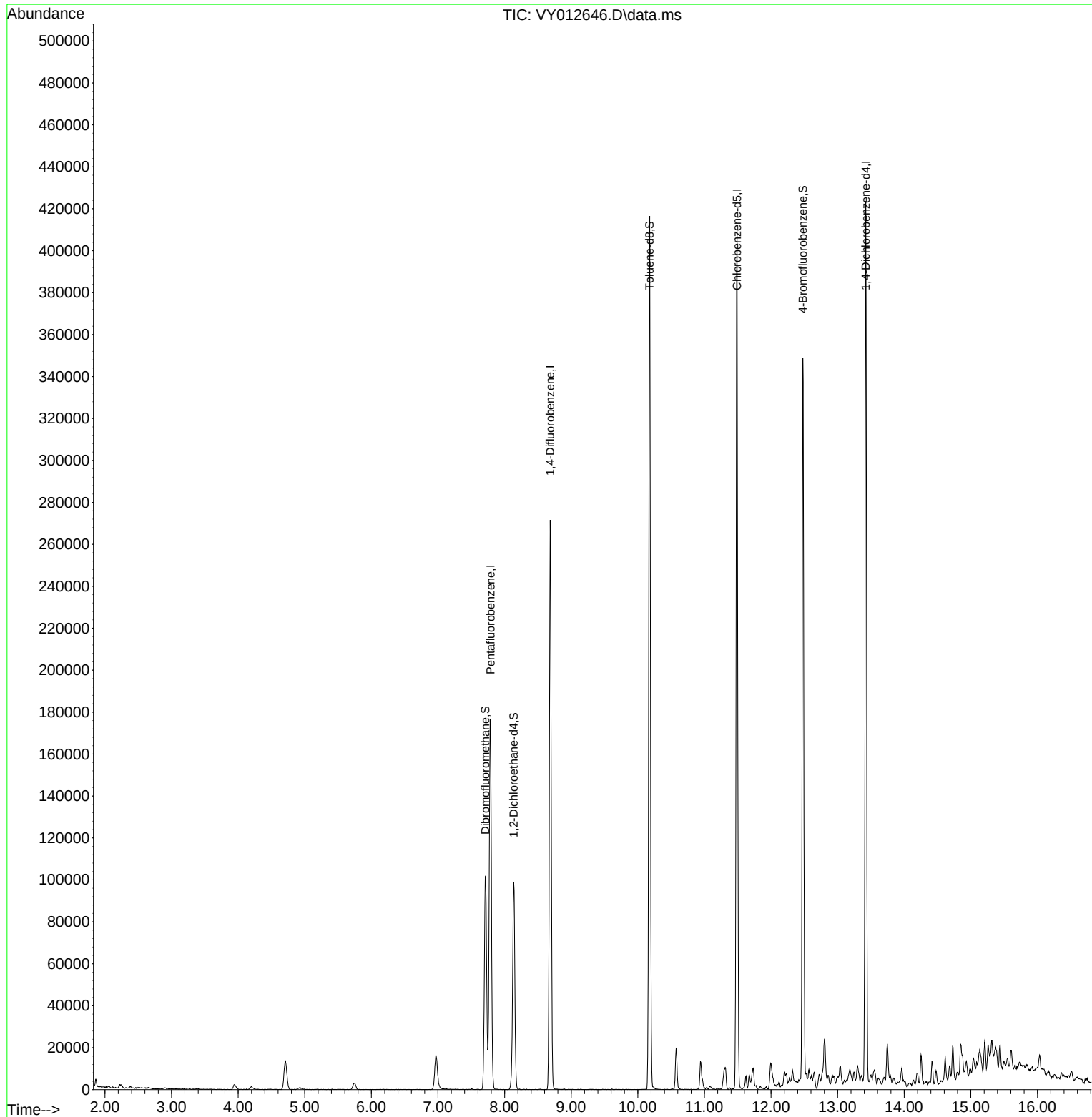
Target Compounds	Qvalue

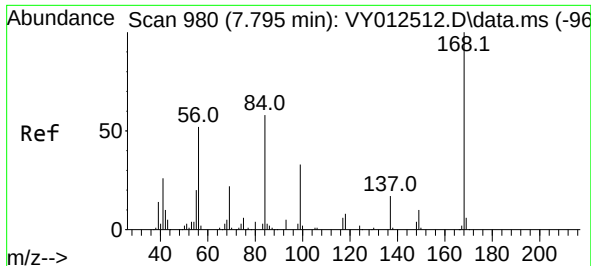
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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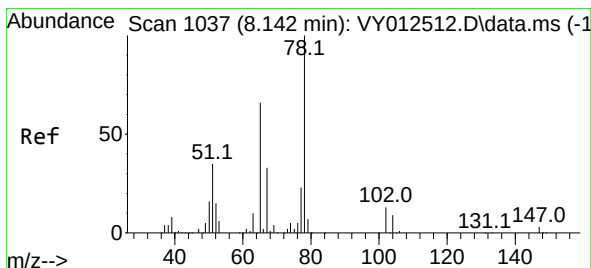
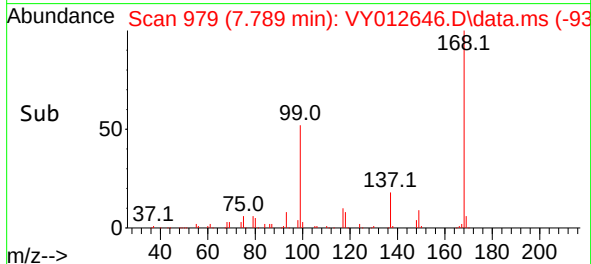
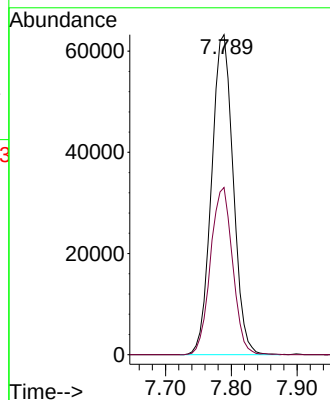
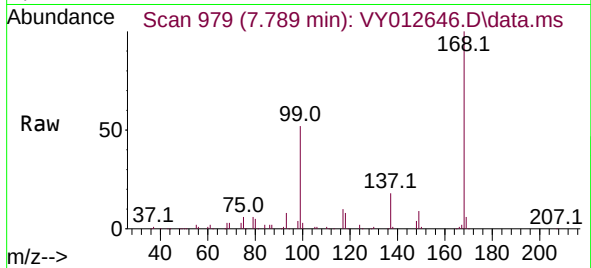




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012646.D
Acq: 17 Feb 2023 13:22

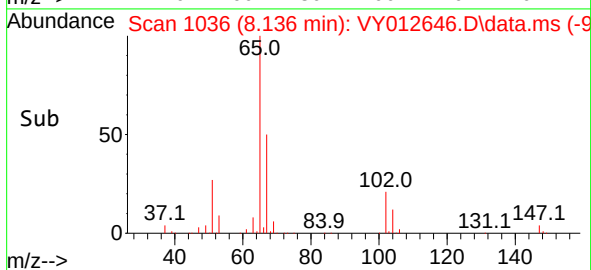
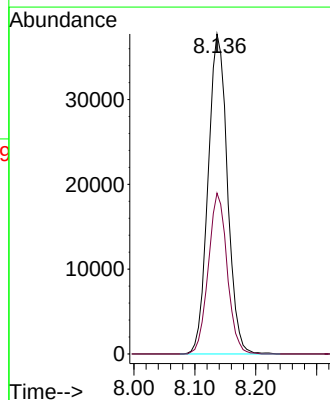
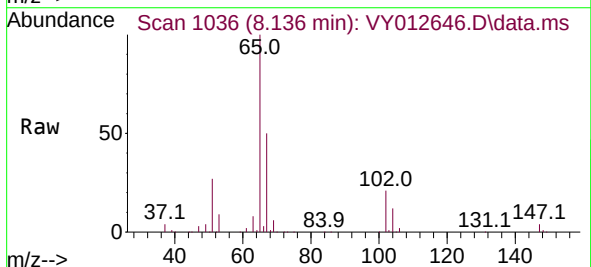
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-743-745RE

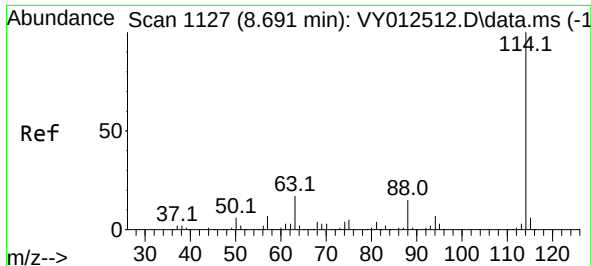
Tgt Ion:168 Resp: 144860
Ion Ratio Lower Upper
168 100
99 52.3 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 45.121 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012646.D
Acq: 17 Feb 2023 13:22

Tgt Ion: 65 Resp: 83116
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012646.D

Acq: 17 Feb 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW10-GW-743-745RE

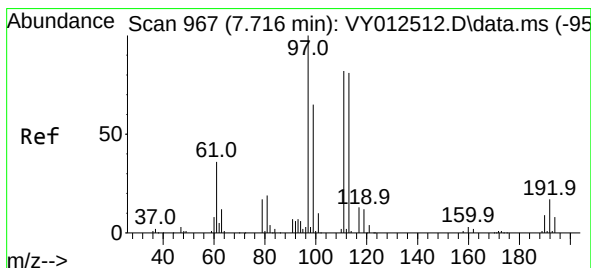
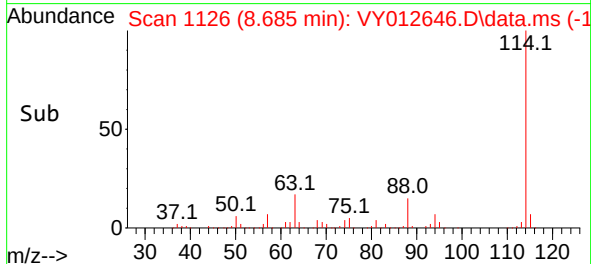
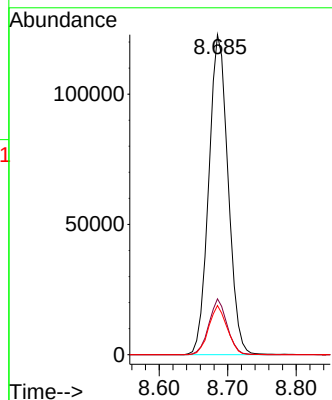
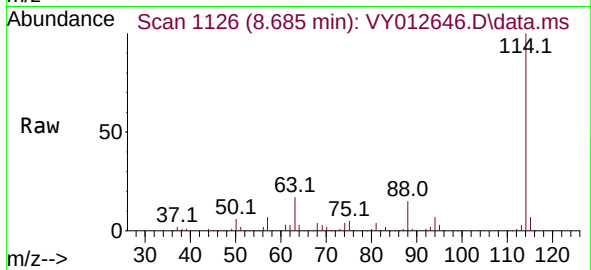
Tgt Ion:114 Resp: 240226

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

88 15.4 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.095 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012646.D

Acq: 17 Feb 2023 13:22

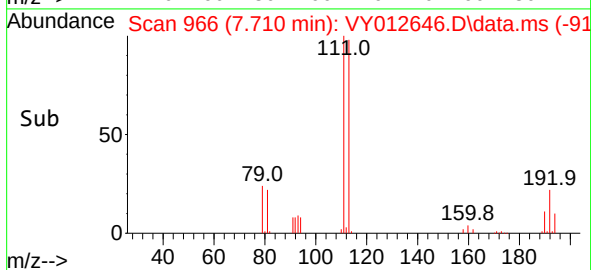
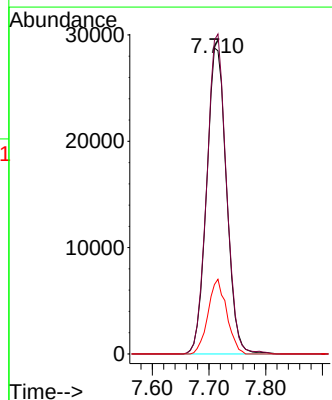
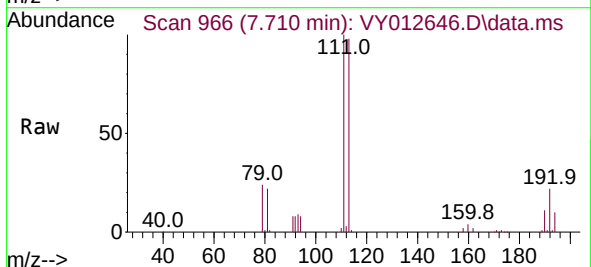
Tgt Ion:113 Resp: 70145

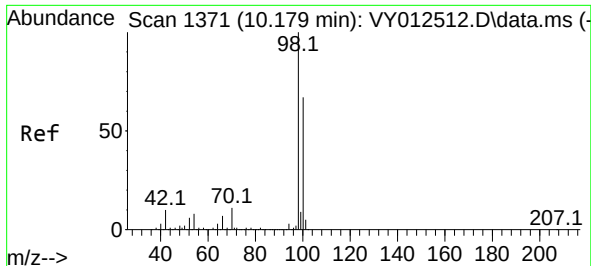
Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 22.9 17.5 26.3

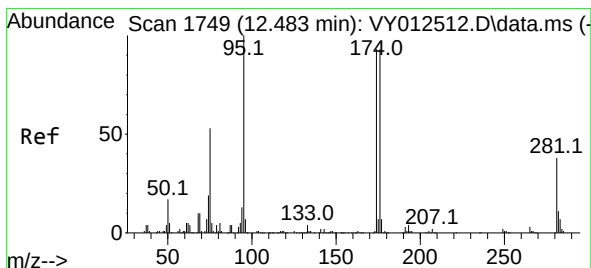
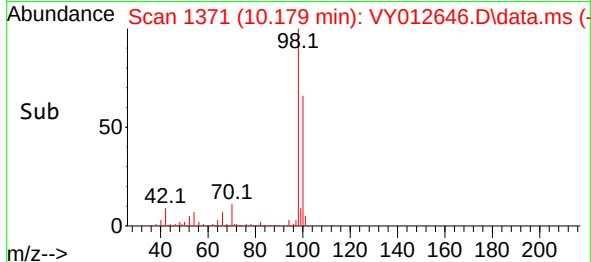
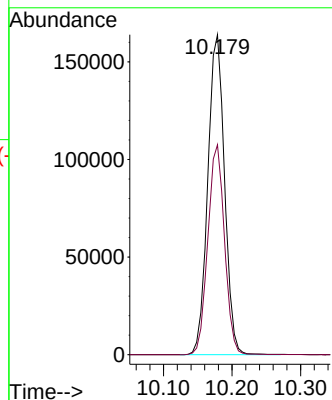
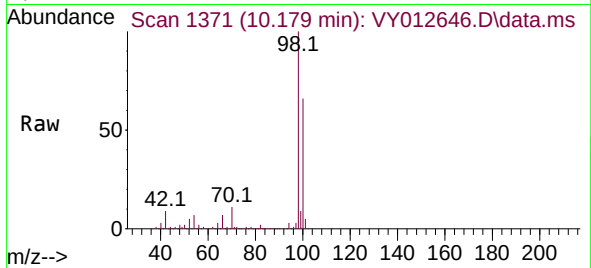




#50
Toluene-d8
Concen: 38.232 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012646.D
Acq: 17 Feb 2023 13:22

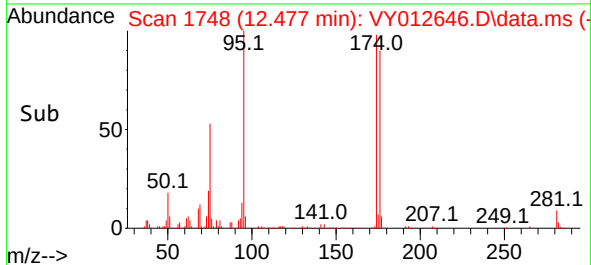
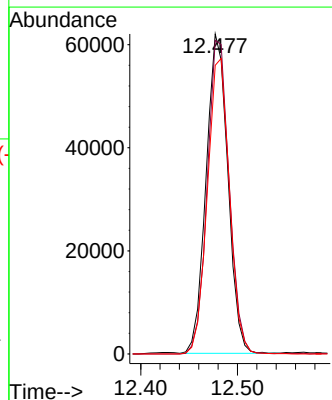
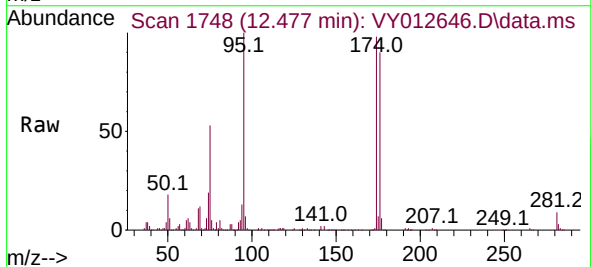
Instrument :
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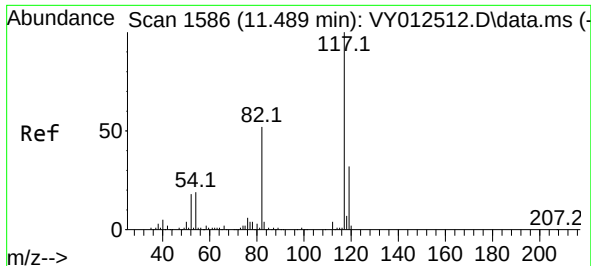
Tgt Ion: 98 Resp: 278395
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.113 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012646.D
Acq: 17 Feb 2023 13:22

Tgt Ion: 95 Resp: 96803
Ion Ratio Lower Upper
95 100
174 99.1 0.0 188.0
176 94.2 0.0 183.6

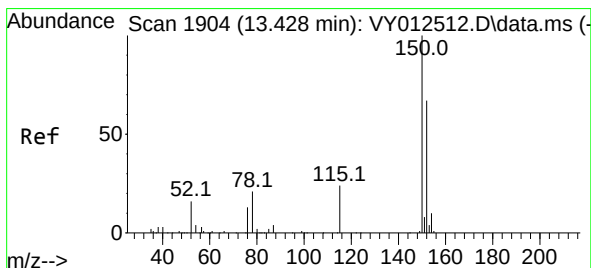
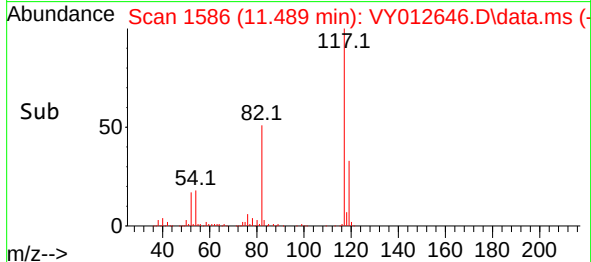
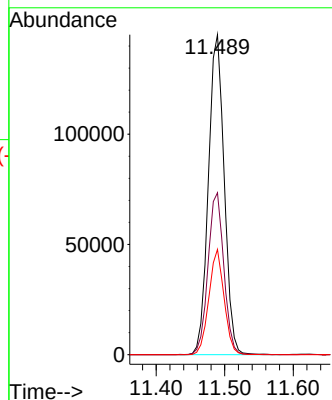
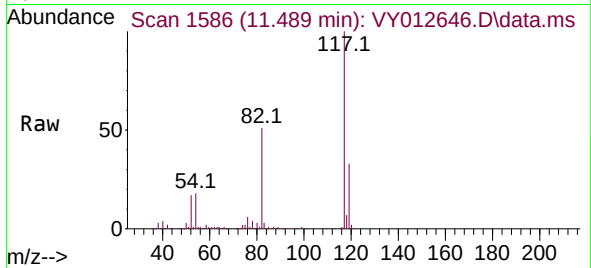




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012646.D
Acq: 17 Feb 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-743-745RE

Tgt Ion:117 Resp: 233440
Ion Ratio Lower Upper
117 100
82 50.6 41.7 62.5
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012646.D
Acq: 17 Feb 2023 13:22

Tgt Ion:152 Resp: 112097
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.3
150 156.4 0.0 351.0

