

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009997.D
 Acq On : 12 Aug 2022 19:35
 Operator : KP/MD
 Sample : N4191-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-367

Quant Time: Aug 13 02:58:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	119658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120809	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47604	39.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.440%
35) Dibromofluoromethane	7.703	113	48378	33.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.000%
50) Toluene-d8	10.173	98	180113	32.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	64.140%
62) 4-Bromofluorobenzene	12.477	95	70863	34.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.880%

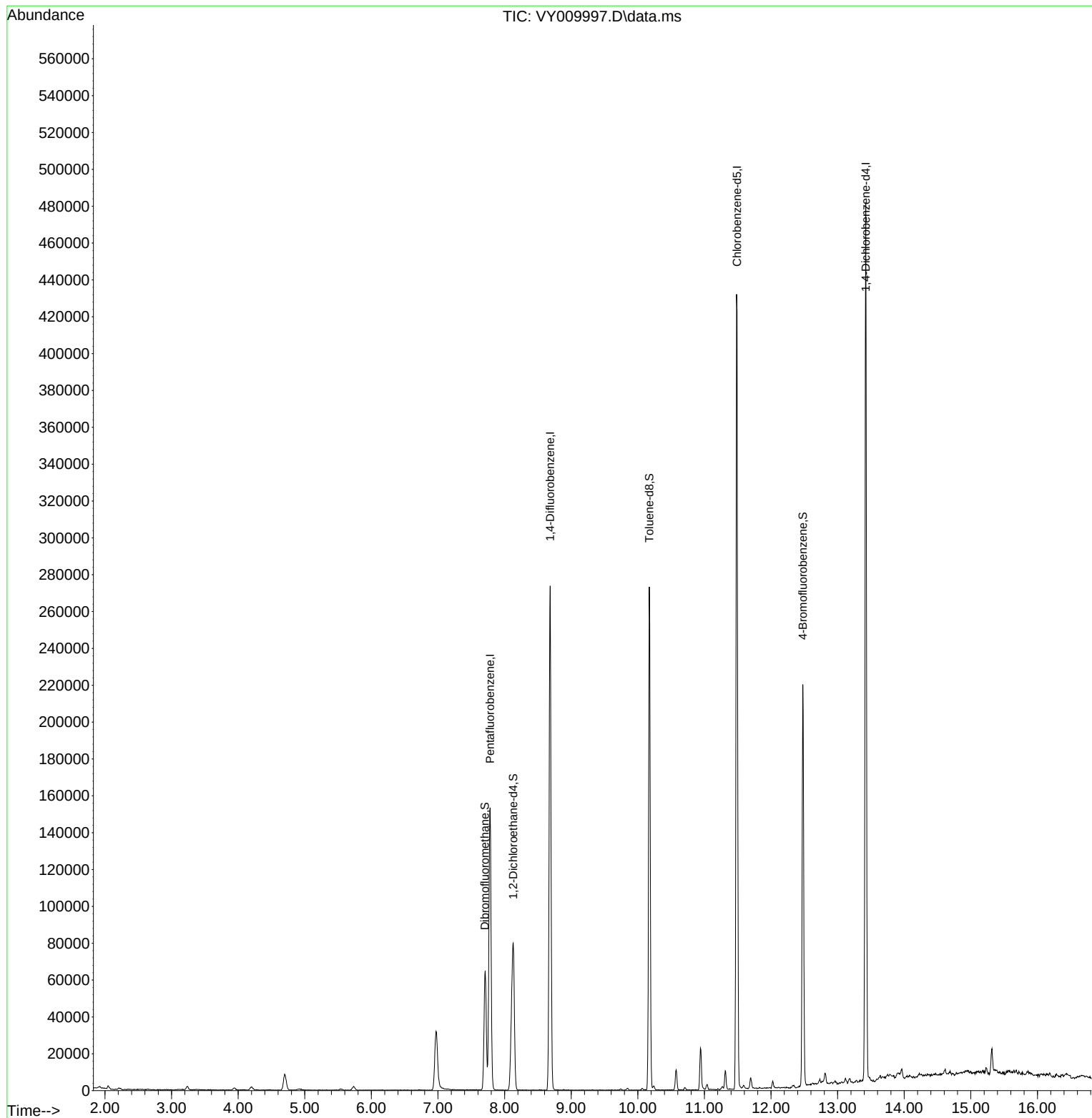
Target Compounds	Qvalue

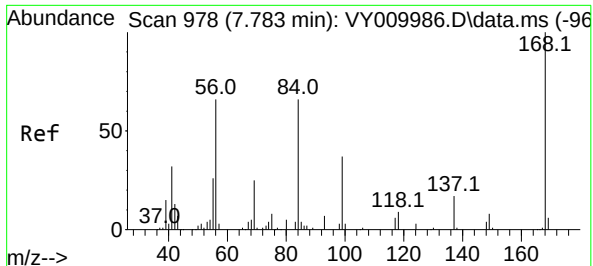
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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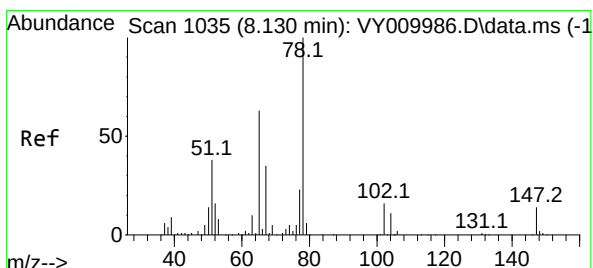
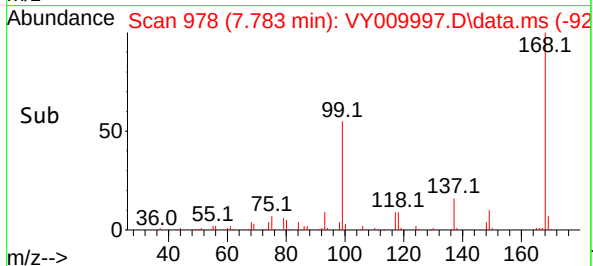
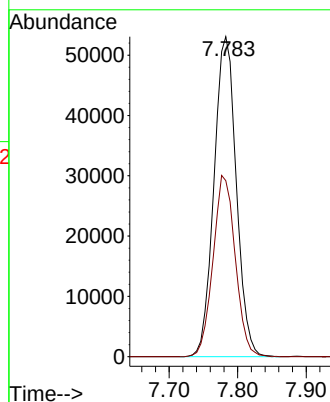
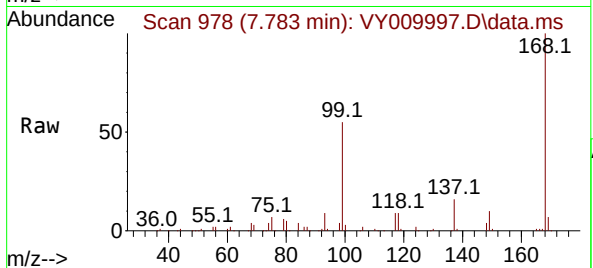




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009997.D
Acq: 12 Aug 2022 19:35

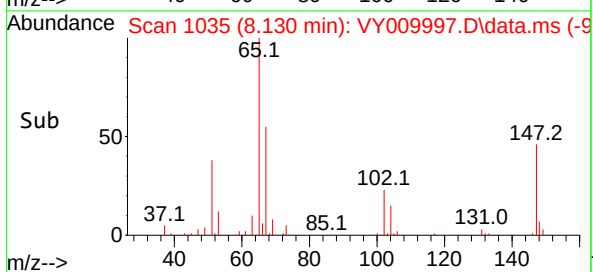
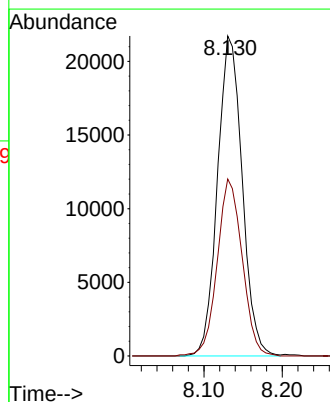
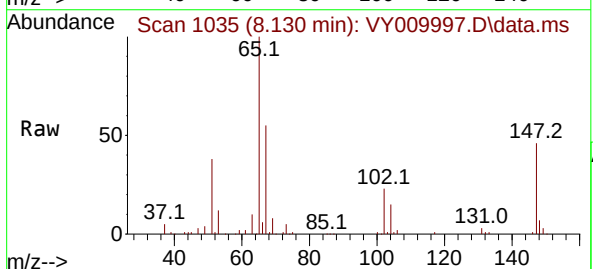
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

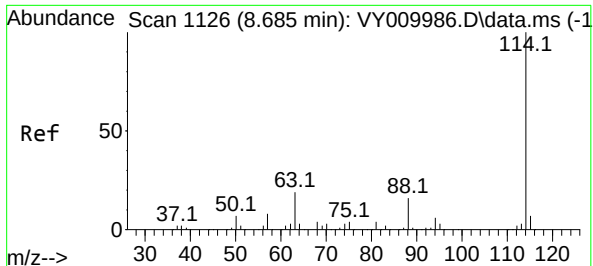
Tgt Ion:168 Resp: 119658
Ion Ratio Lower Upper
168 100
99 55.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 39.218 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY009997.D
Acq: 12 Aug 2022 19:35

Tgt Ion: 65 Resp: 47604
Ion Ratio Lower Upper
65 100
67 55.9 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009997.D

Acq: 12 Aug 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

RO-367

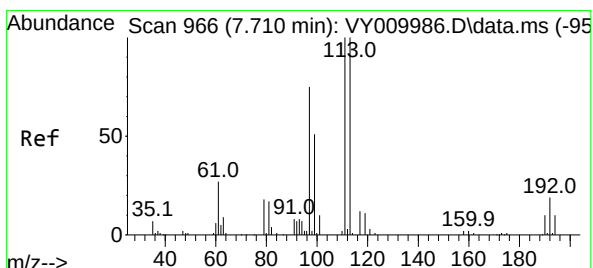
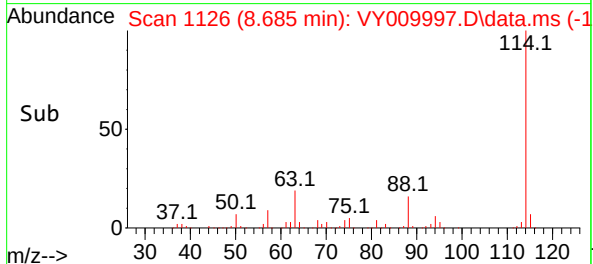
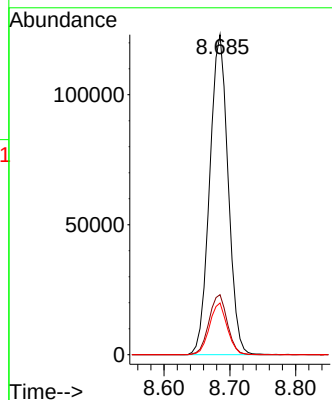
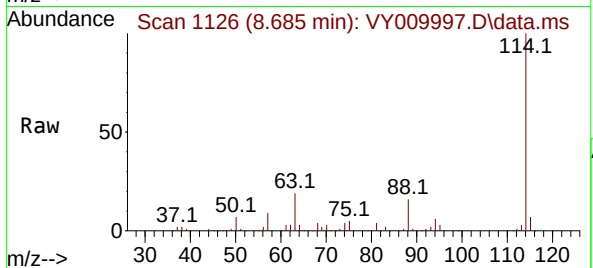
Tgt Ion:114 Resp: 239497

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.004 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009997.D

Acq: 12 Aug 2022 19:35

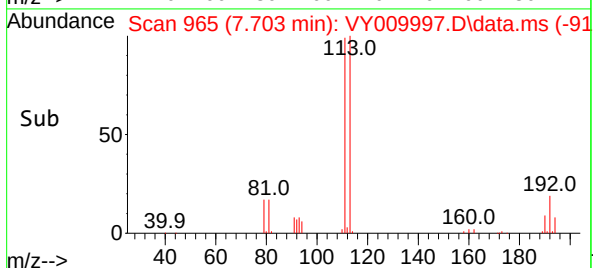
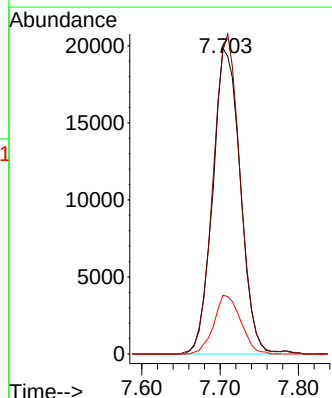
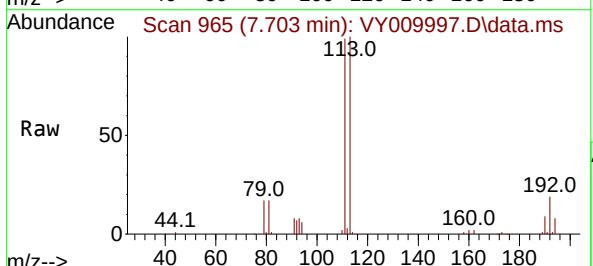
Tgt Ion:113 Resp: 48378

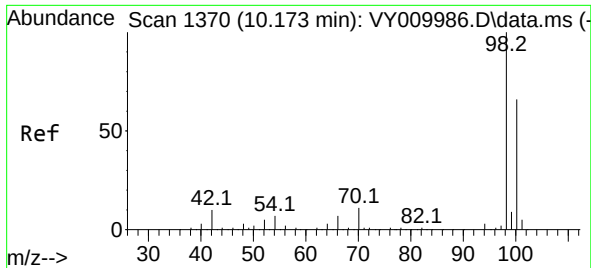
Ion Ratio Lower Upper

113 100

111 102.5 80.6 120.8

192 18.7 16.2 24.4

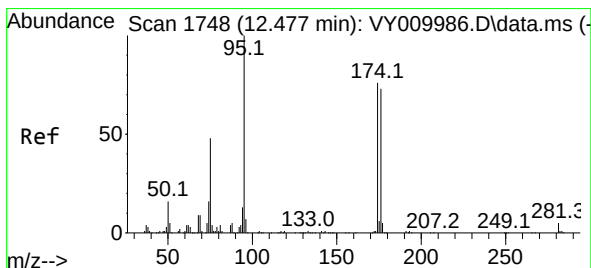
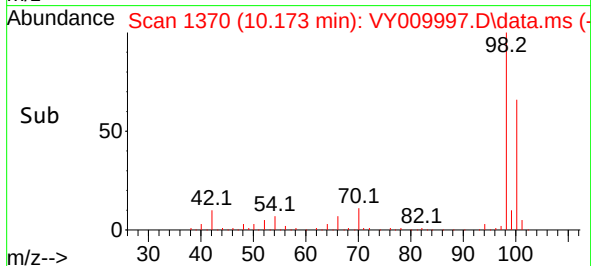
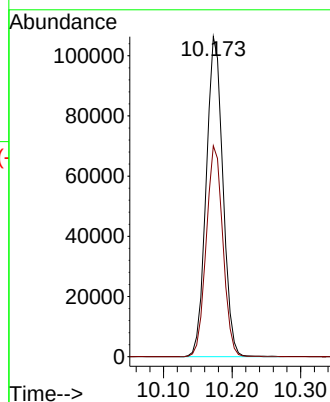
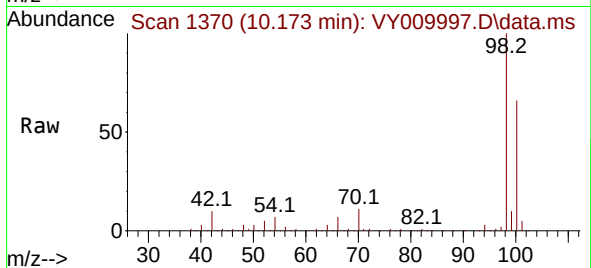




#50
Toluene-d8
Concen: 32.069 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009997.D
Acq: 12 Aug 2022 19:35

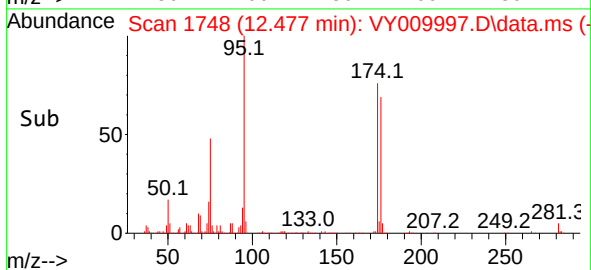
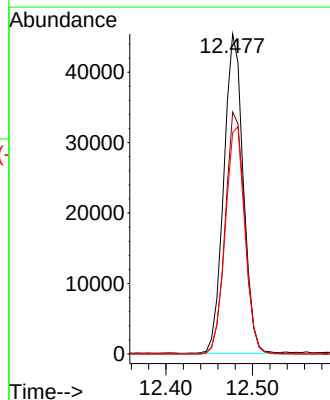
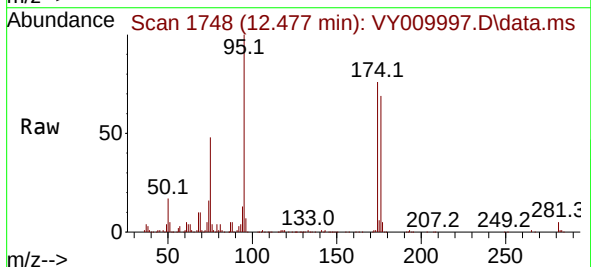
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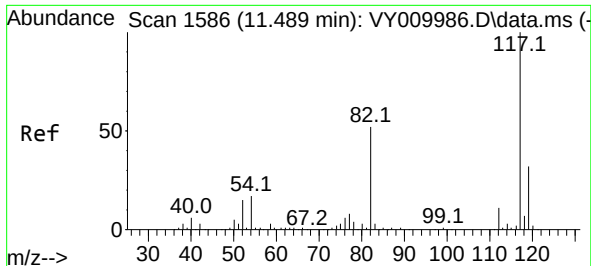
Tgt Ion: 98 Resp: 180113
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.436 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009997.D
Acq: 12 Aug 2022 19:35

Tgt Ion: 95 Resp: 70863
Ion Ratio Lower Upper
95 100
174 75.6 0.0 173.8
176 72.0 0.0 167.0

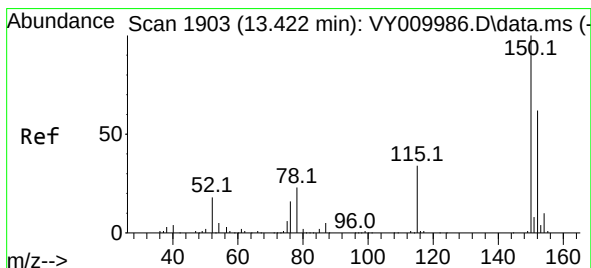
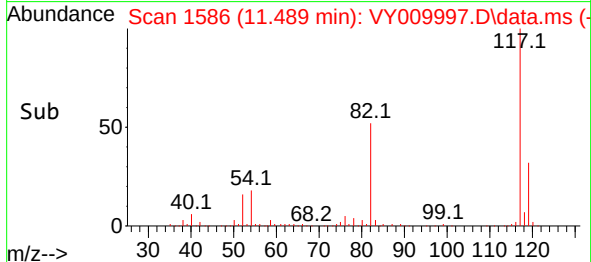
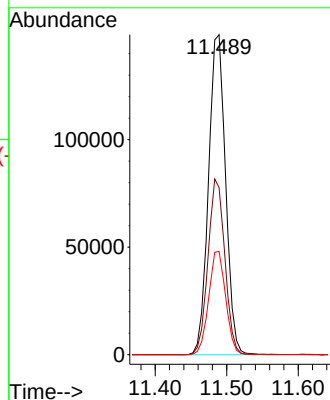
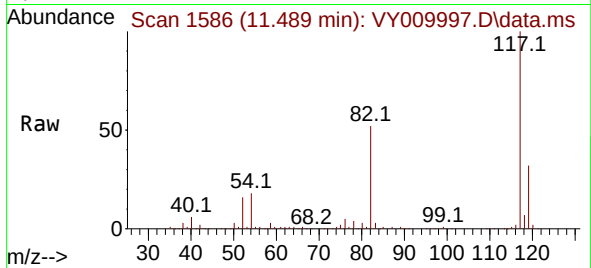




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009997.D
Acq: 12 Aug 2022 19:35

Instrument :
MSVOA_Y
ClientSampleId :
RO-367

Tgt Ion:117 Resp: 246478
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009997.D
Acq: 12 Aug 2022 19:35

Tgt Ion:152 Resp: 120809
Ion Ratio Lower Upper
152 100
115 60.5 28.6 85.9
150 156.8 0.0 349.8

