

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010355.D
 Acq On : 06 Sep 2022 18:38
 Operator : KP/MD
 Sample : N4500-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0

Quant Time: Sep 07 05:56:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	251365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	414604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126969	49.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.716	113	124694	45.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.360%
50) Toluene-d8	10.179	98	489096	52.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.860%
62) 4-Bromofluorobenzene	12.477	95	170777	45.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.180%

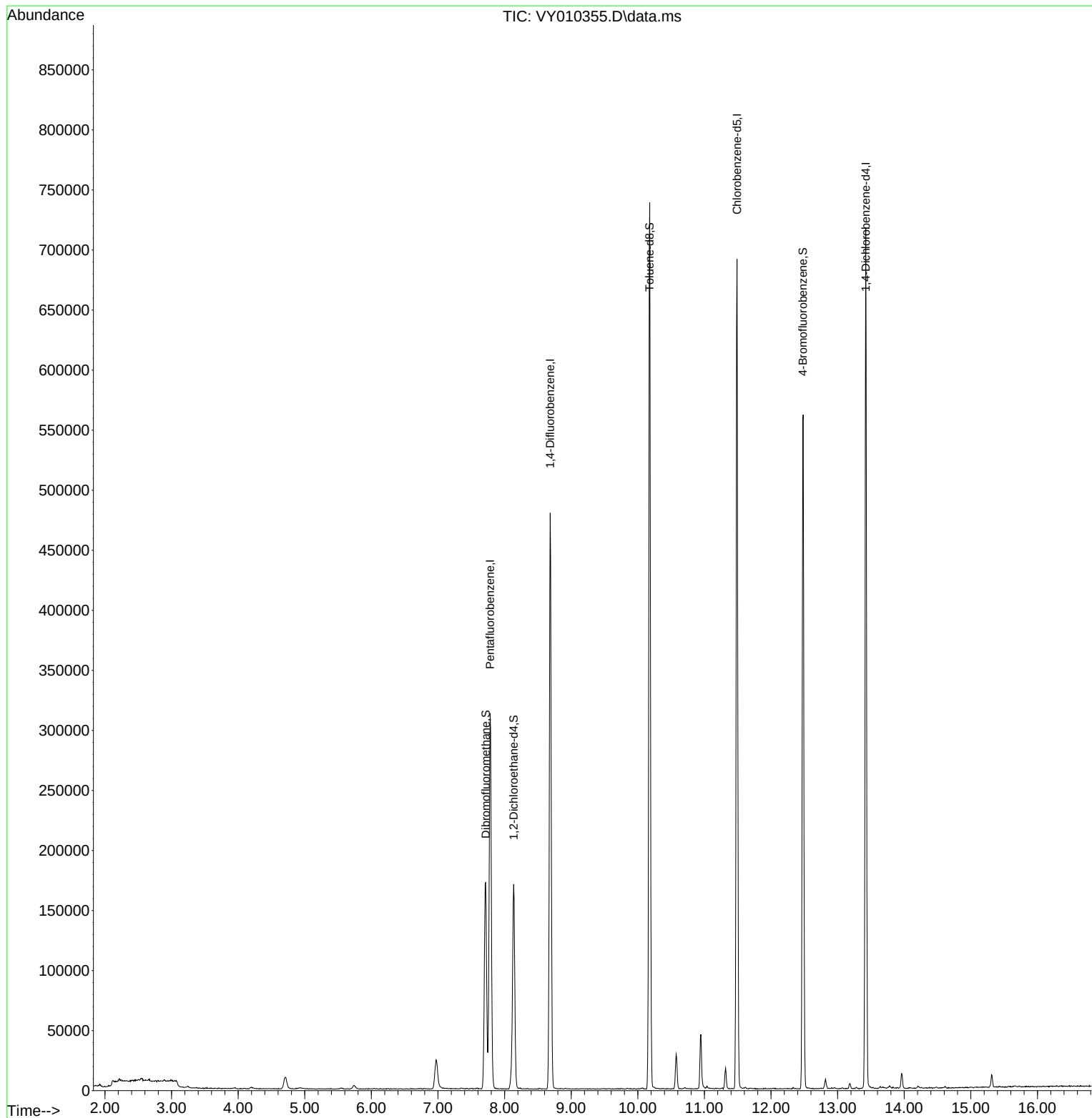
Target Compounds	Qvalue

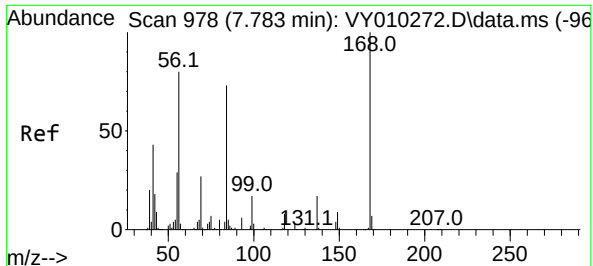
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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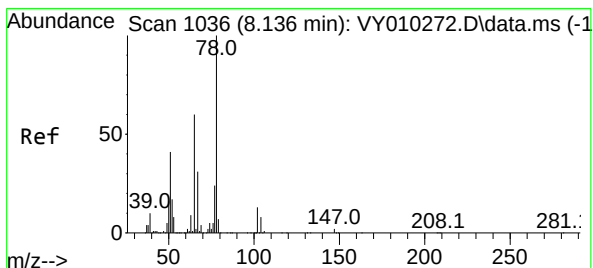
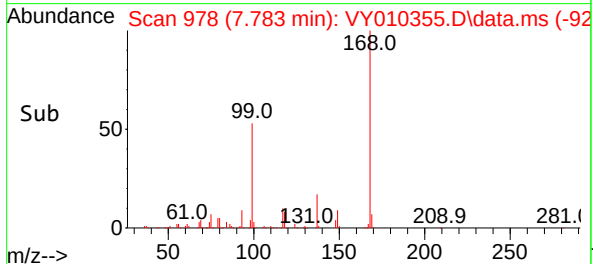
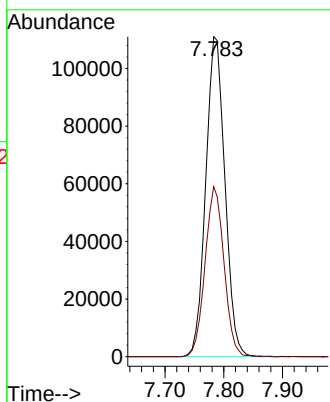
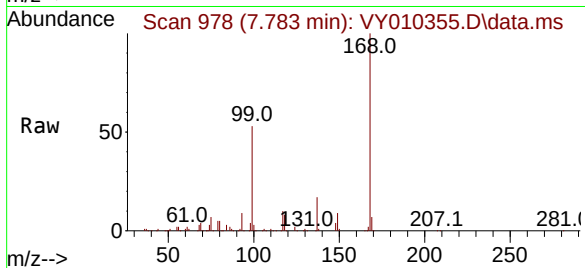




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

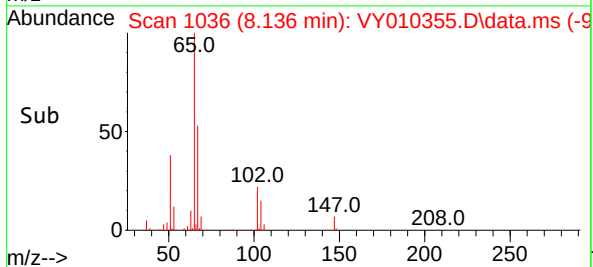
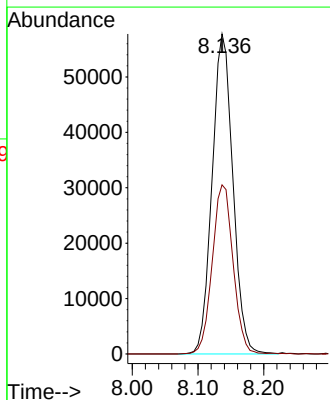
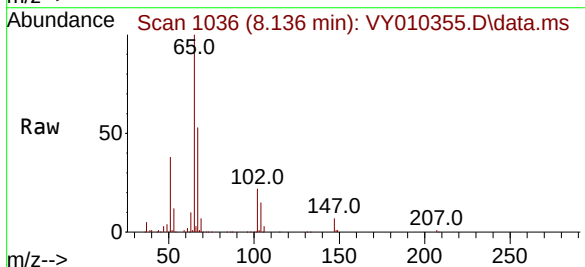
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0

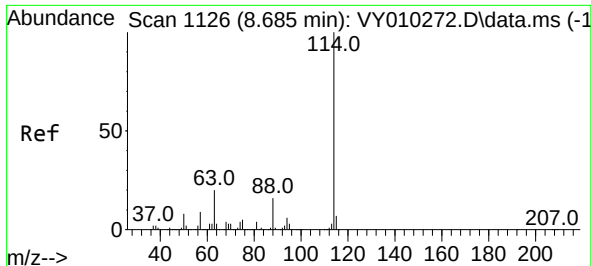
Tgt Ion:168 Resp: 251365
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.261 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

Tgt Ion: 65 Resp: 126969
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

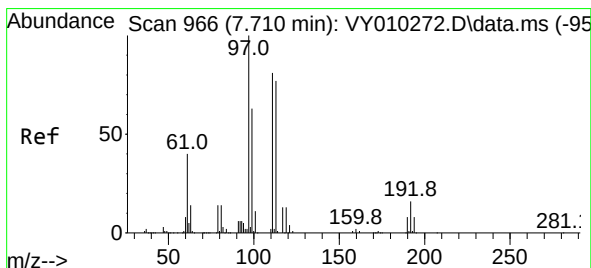
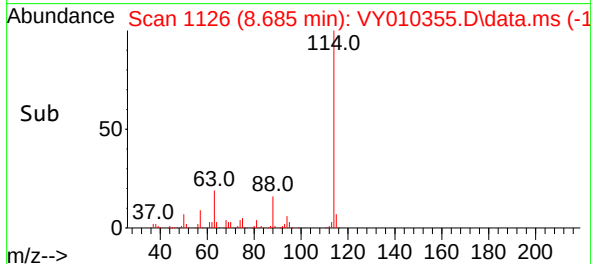
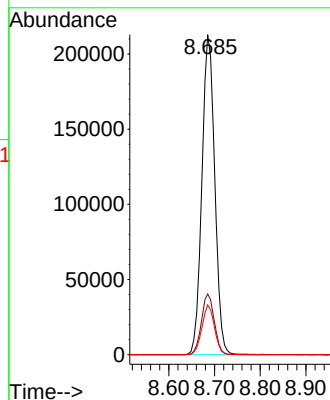
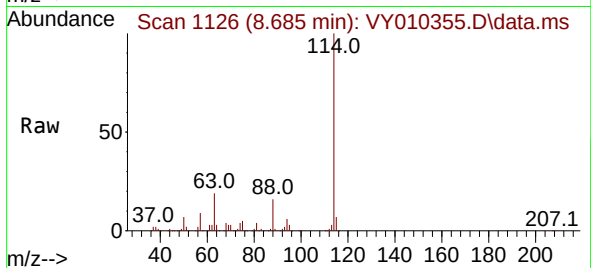




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

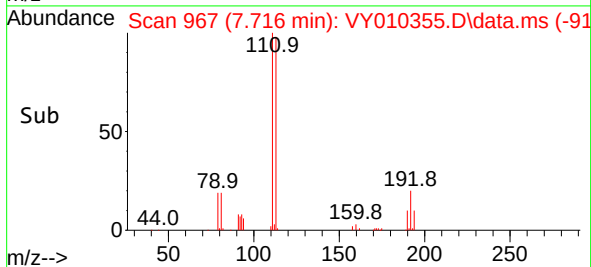
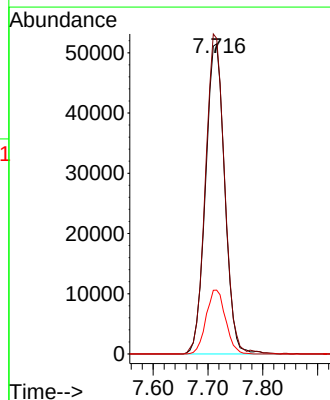
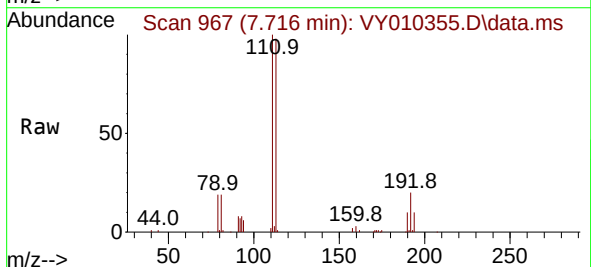
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0

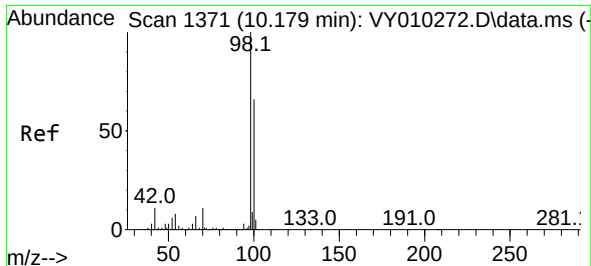
Tgt Ion:114 Resp: 414604
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.177 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

Tgt Ion:113 Resp: 124694
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.9 17.6 26.4

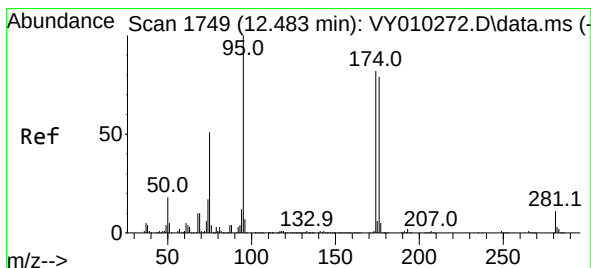
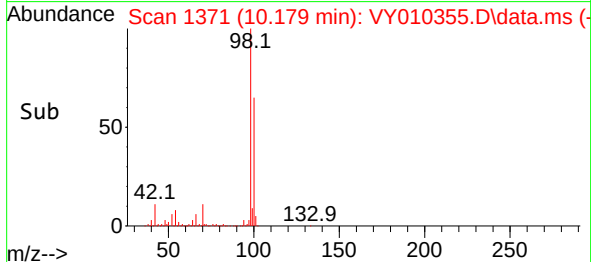
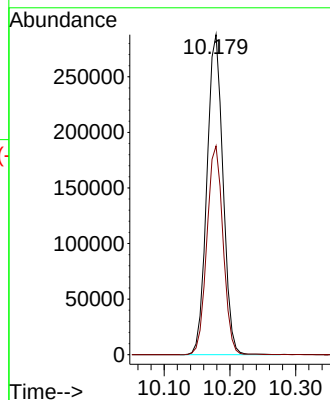
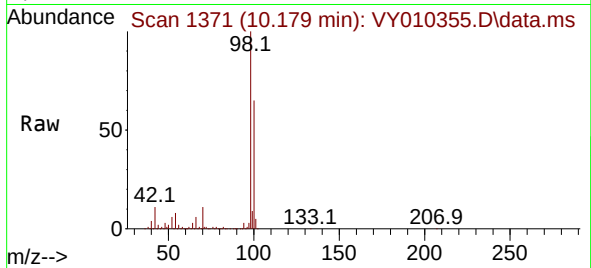




#50
Toluene-d8
Concen: 52.928 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

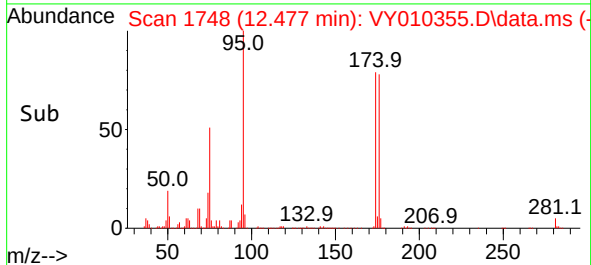
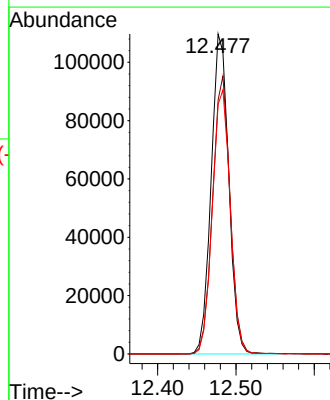
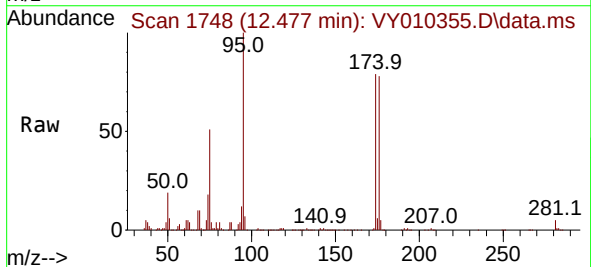
Instrument :
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ClientSampleId :
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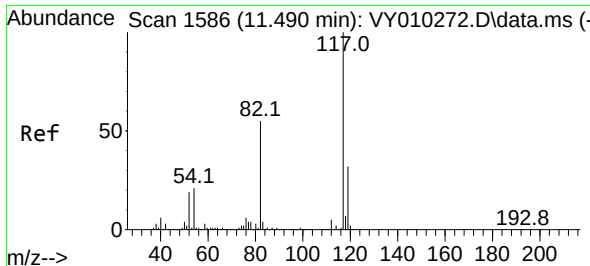
Tgt Ion: 98 Resp: 489096
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.589 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

Tgt Ion: 95 Resp: 170777
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.2 0.0 175.8

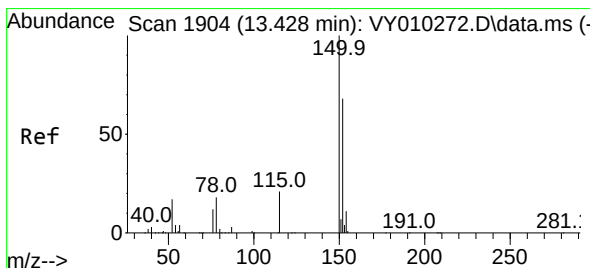
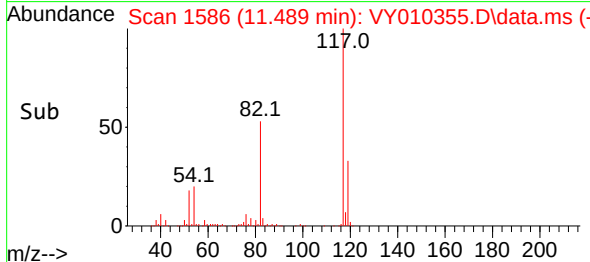
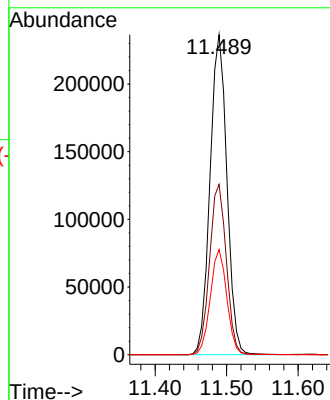
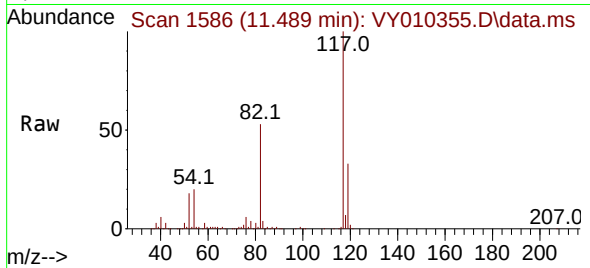




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0

Tgt Ion:117 Resp: 387723
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010355.D
Acq: 06 Sep 2022 18:38

Tgt Ion:152 Resp: 181045
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 159.2 0.0 347.6

