

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010406.D
 Acq On : 08 Sep 2022 19:19
 Operator : KP/MD
 Sample : N4518-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-090622

Quant Time: Sep 09 06:27:39 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	287874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	487768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	241471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134353	45.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.716	113	123928	37.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.260%
50) Toluene-d8	10.179	98	481299	43.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.300%
62) 4-Bromofluorobenzene	12.477	95	171286	37.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.340%

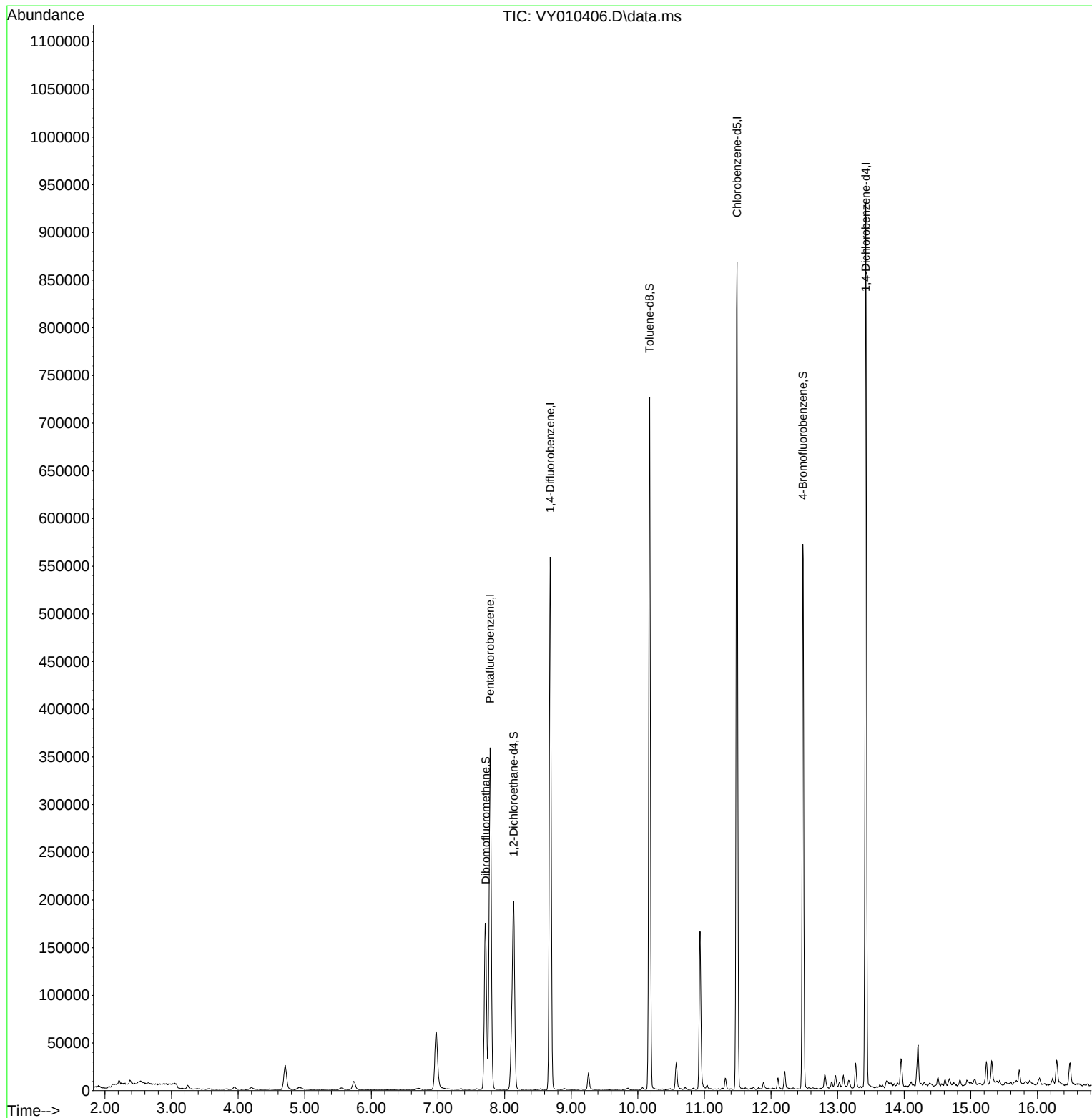
Target Compounds	Qvalue

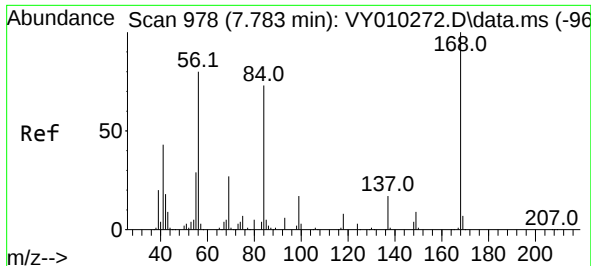
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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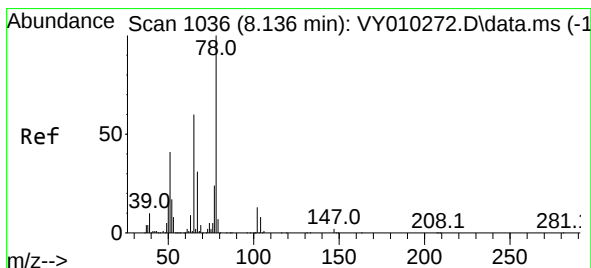
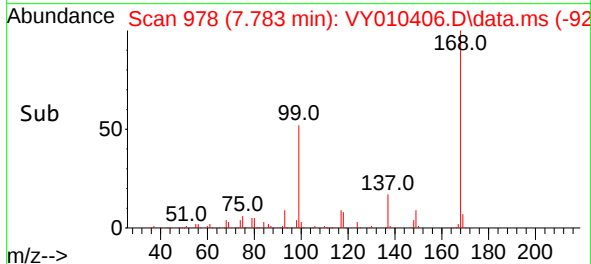
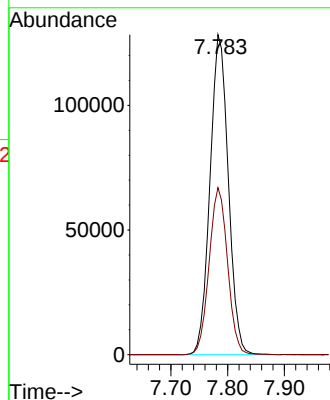
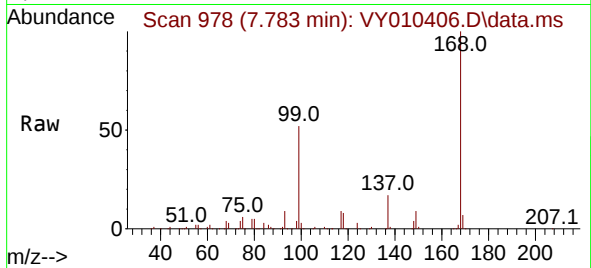




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

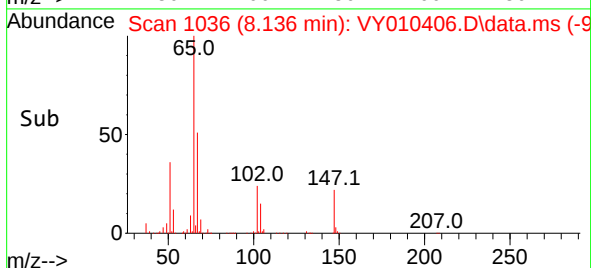
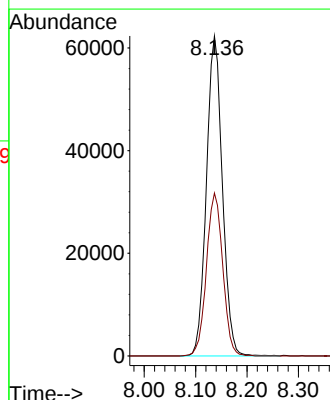
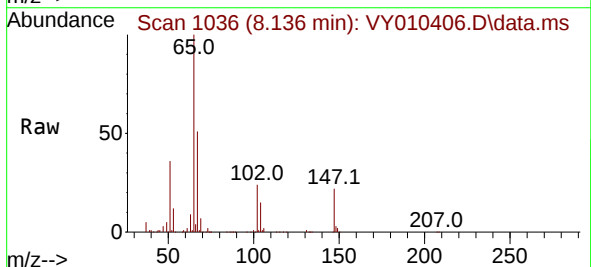
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-090622

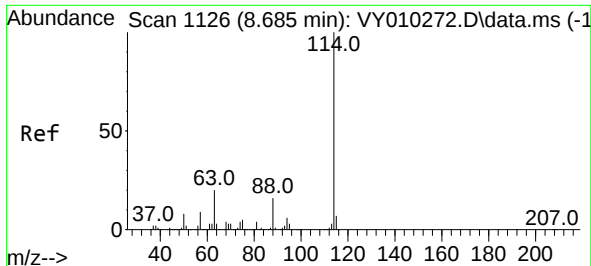
Tgt Ion:168 Resp: 287874
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.515 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

Tgt Ion: 65 Resp: 134353
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

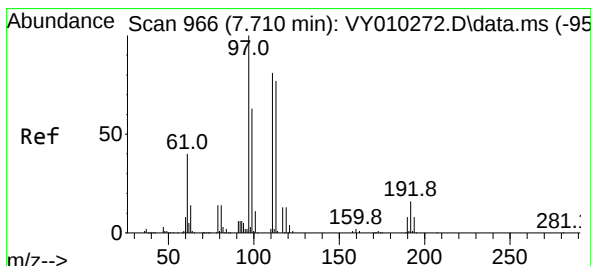
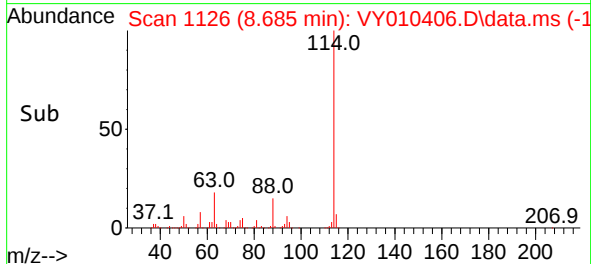
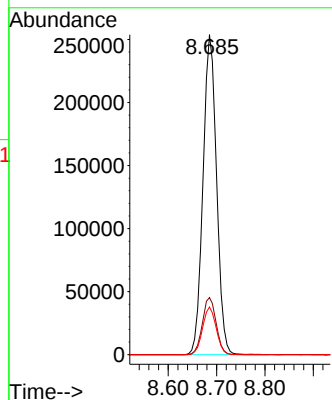
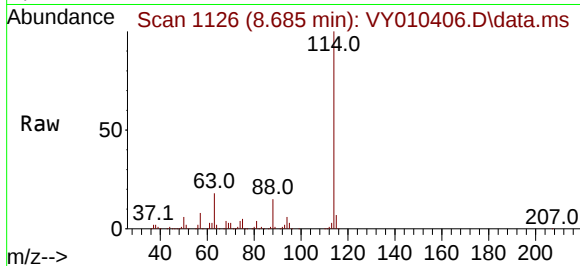




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

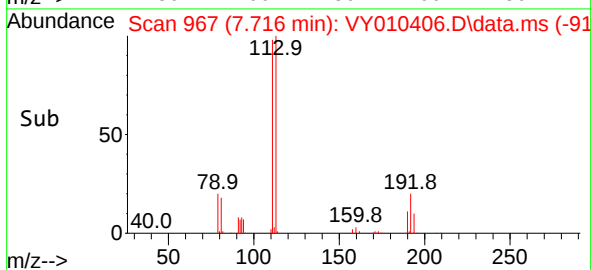
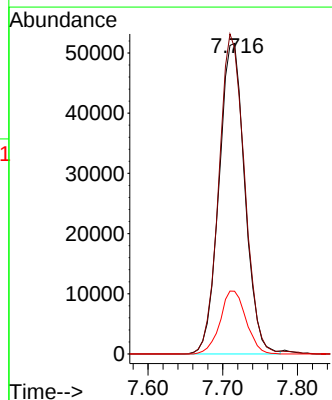
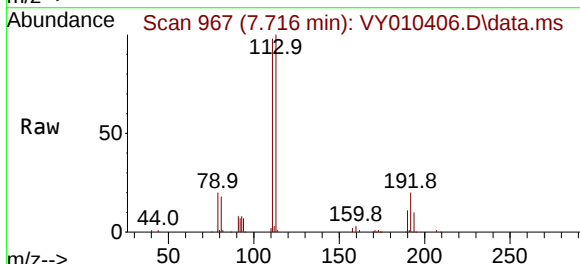
Instrument :
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ClientSampleId :
SU-04-090622

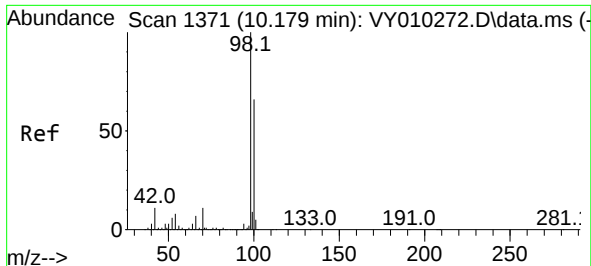
Tgt Ion:114 Resp: 494756
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 37.626 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

Tgt Ion:113 Resp: 123928
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.3 17.6 26.4

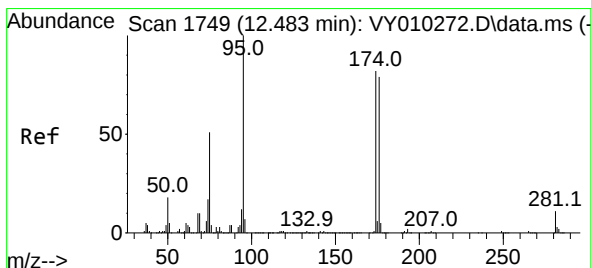
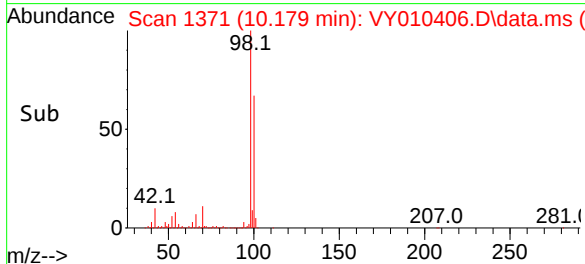
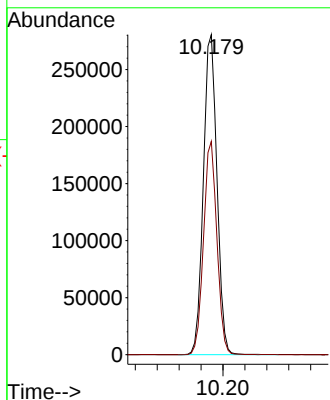
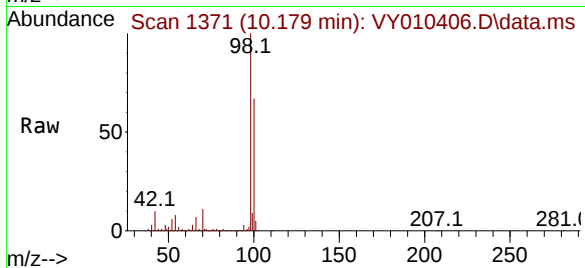




#50
Toluene-d8
Concen: 43.646 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

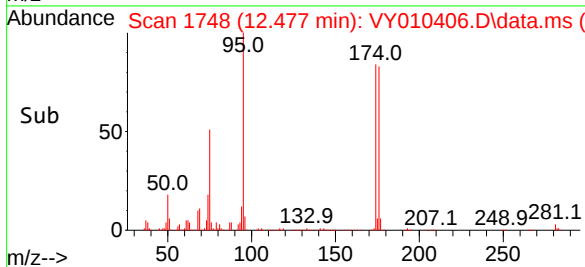
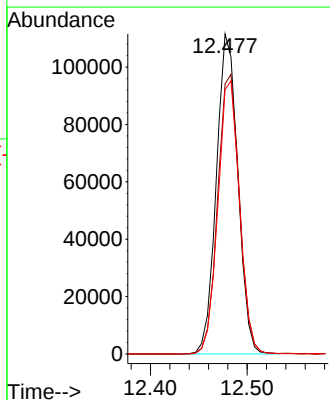
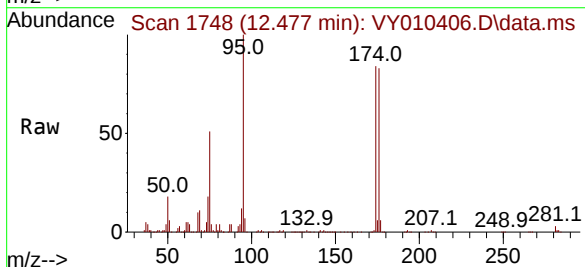
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-090622

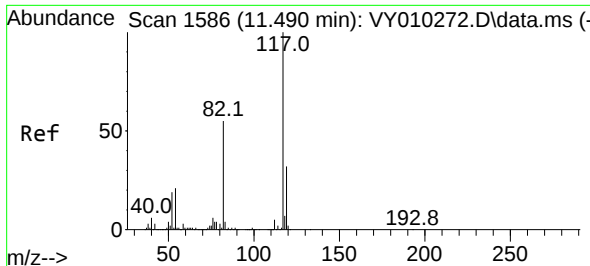
Tgt Ion: 98 Resp: 481299
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.165 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

Tgt Ion: 95 Resp: 171286
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 86.3 0.0 175.8

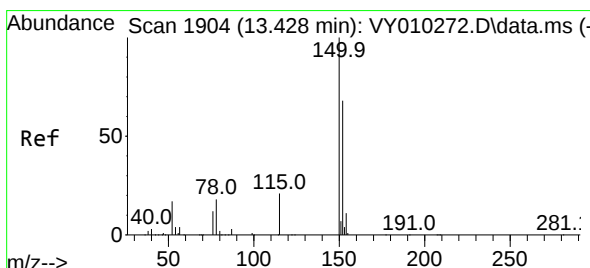
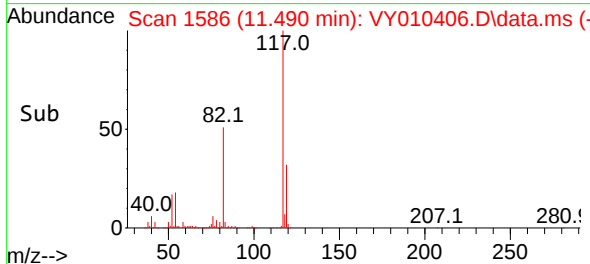
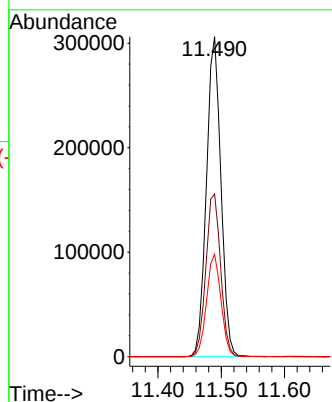
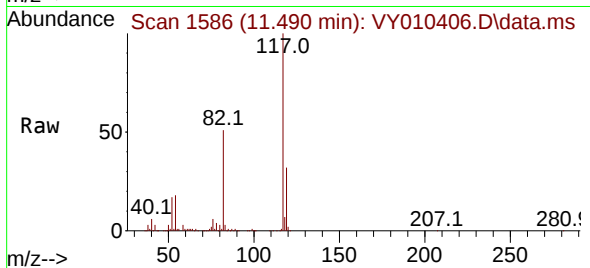




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010406.D
Acq: 08 Sep 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-090622

Tgt Ion:117 Resp: 487768
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.0 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: VY010406.D
Acq: 08 Sep 2022 19:19

Tgt Ion:152 Resp: 241471
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 156.1 0.0 347.6

