

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010403.D
 Acq On : 08 Sep 2022 18:09
 Operator : KP/MD
 Sample : N4500-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Sep 09 06:27:15 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	288206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	482445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131463	44.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.960%
35) Dibromofluoromethane	7.710	113	126155	38.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.560%
50) Toluene-d8	10.179	98	482068	43.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.477	95	171523	37.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.400%

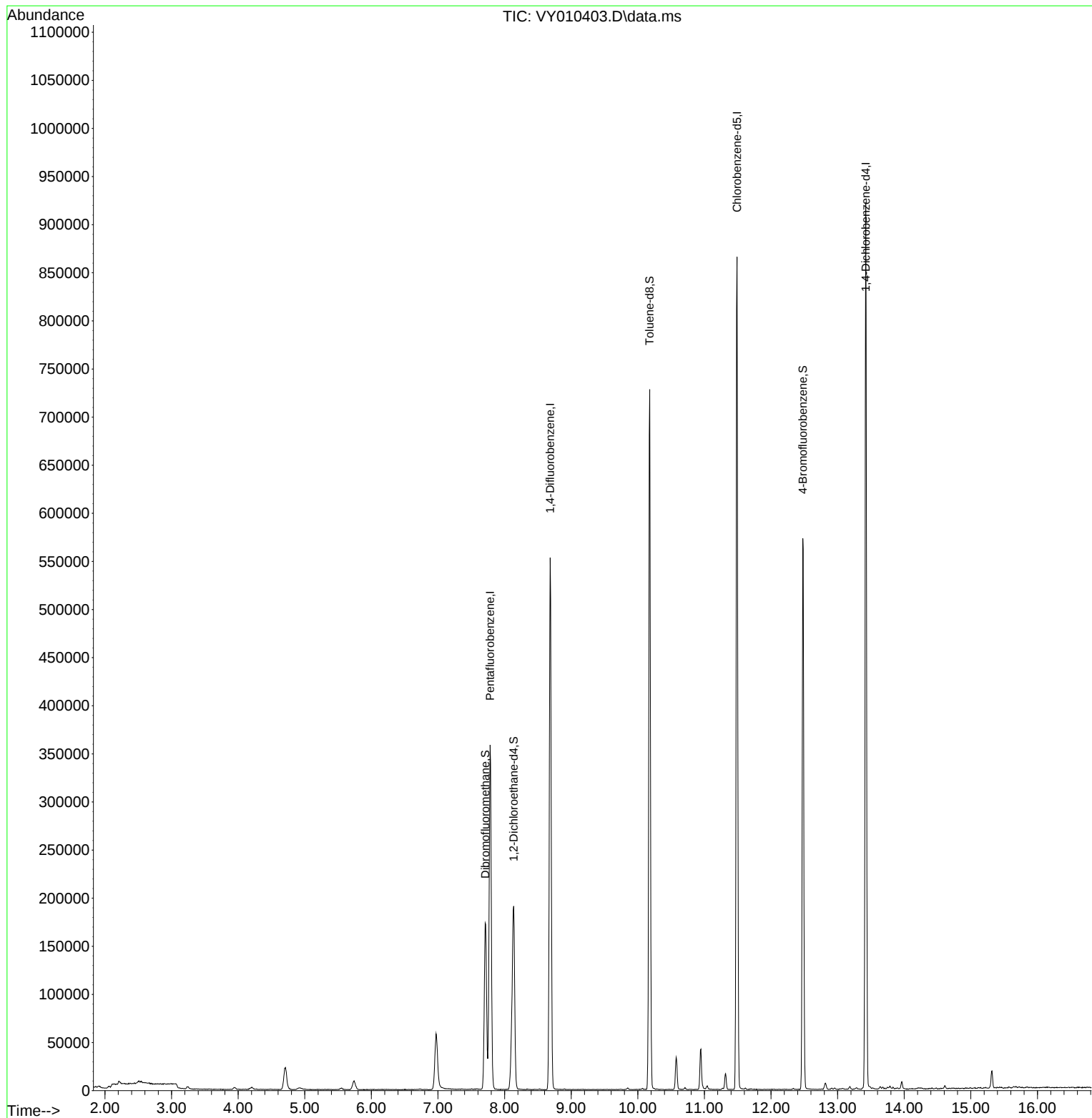
Target Compounds	Qvalue

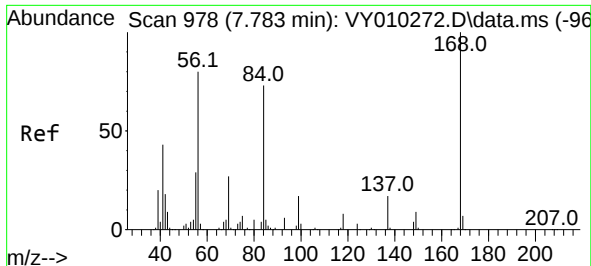
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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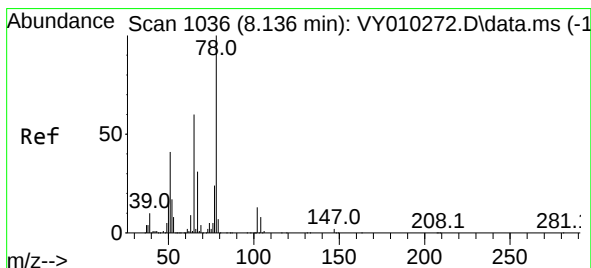
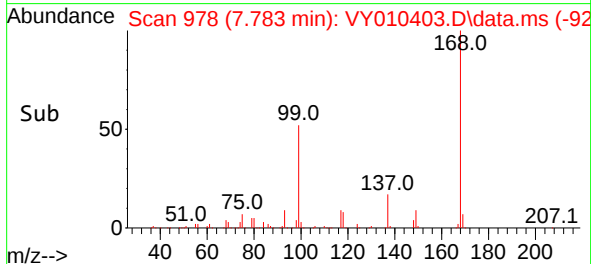
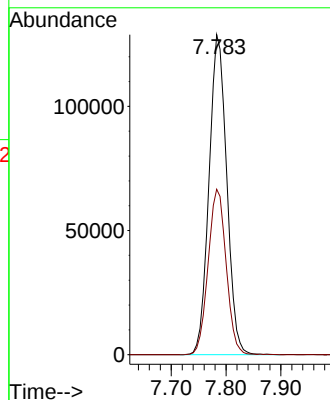
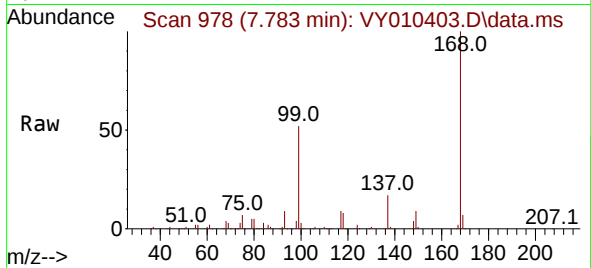




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

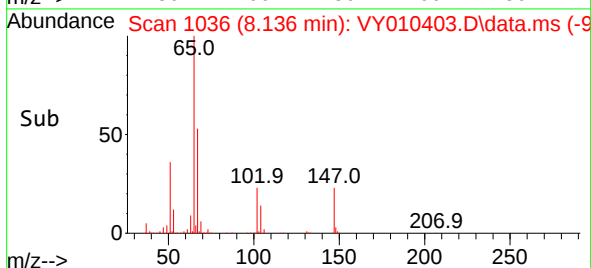
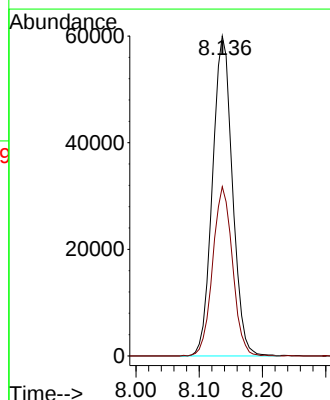
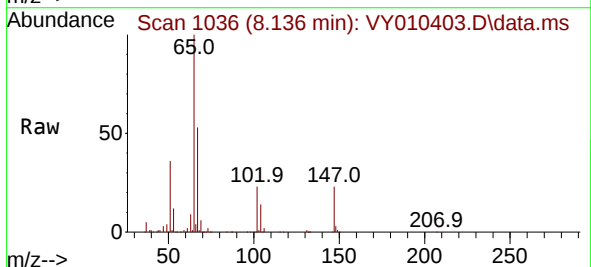
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

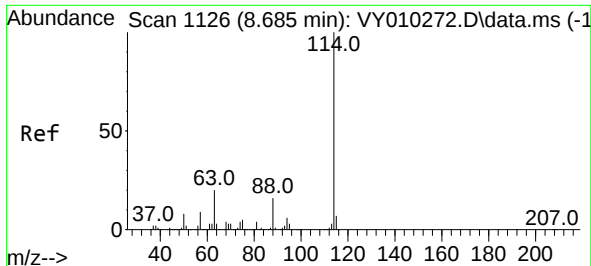
Tgt Ion:168 Resp: 288206
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.485 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

Tgt Ion: 65 Resp: 131463
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

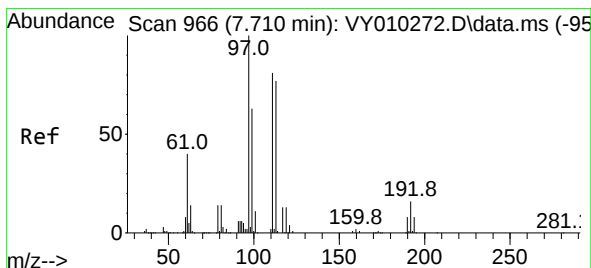
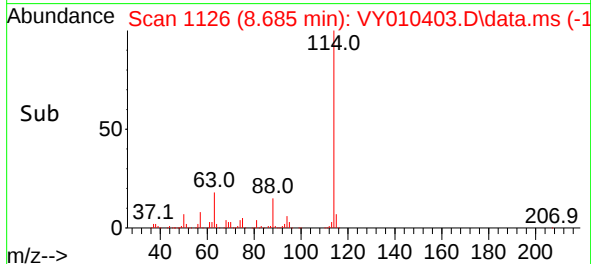
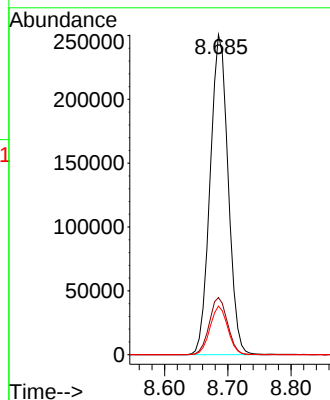
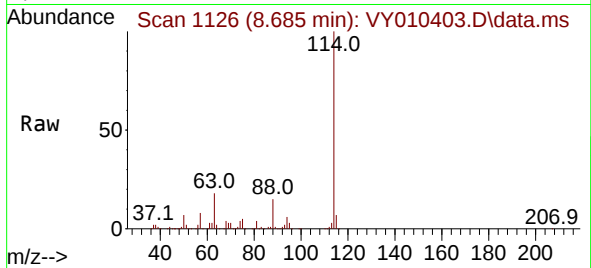




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

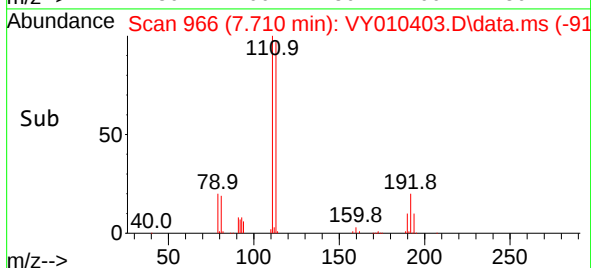
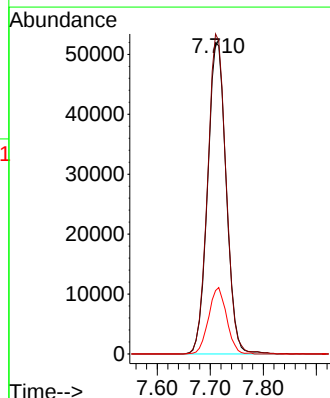
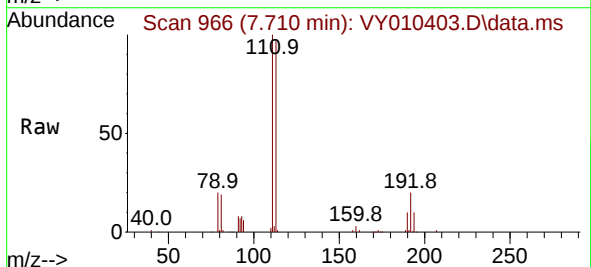
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

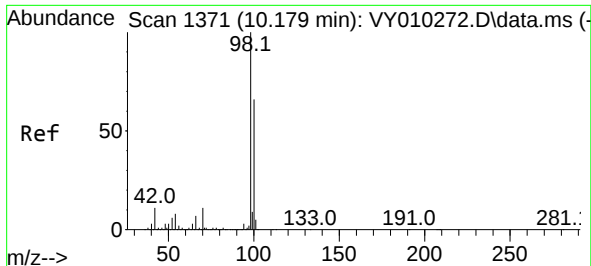
Tgt Ion:114 Resp: 495029
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 38.281 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

Tgt Ion:113 Resp: 126155
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.8 17.6 26.4

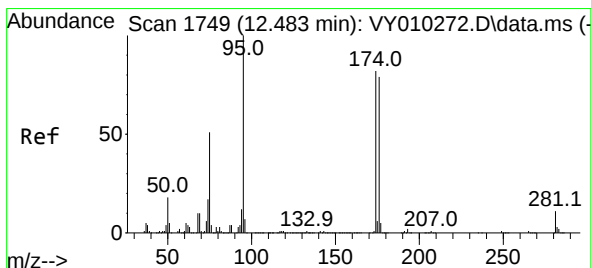
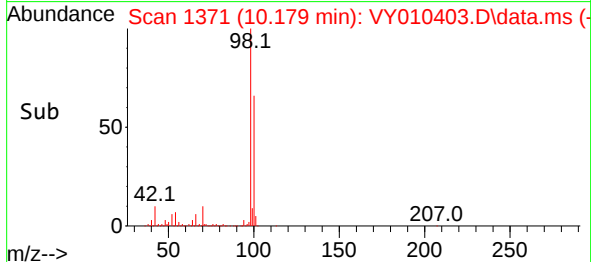
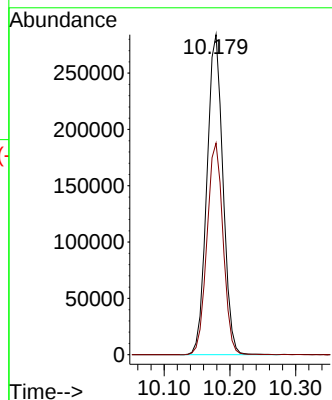
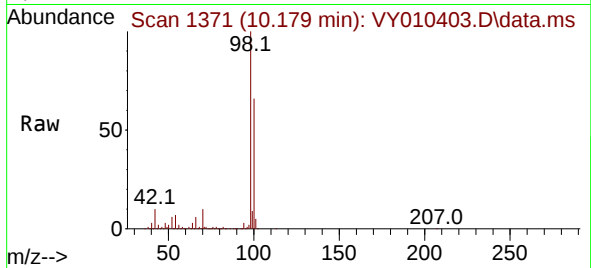




#50
Toluene-d8
Concen: 43.692 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

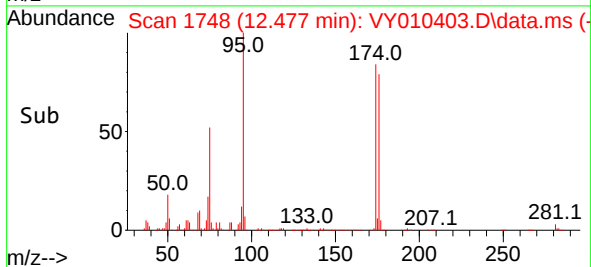
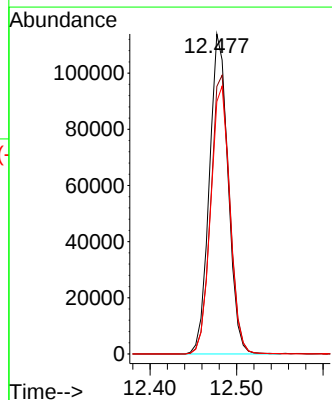
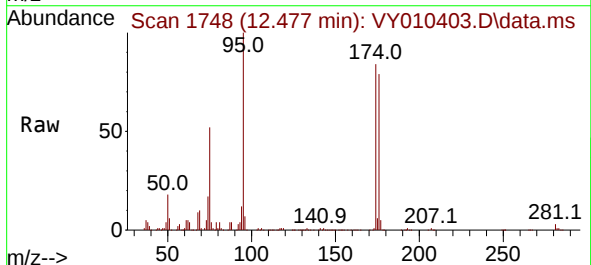
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

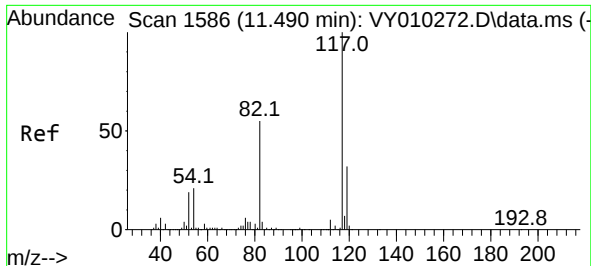
Tgt Ion: 98 Resp: 482068
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.202 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

Tgt Ion: 95 Resp: 171523
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 85.8 0.0 175.8

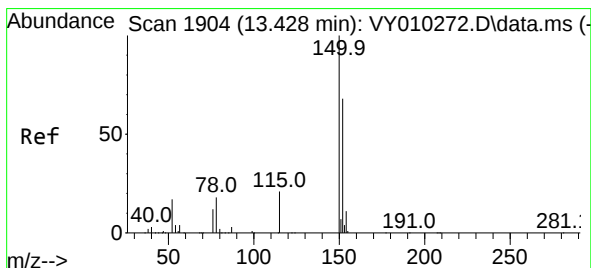
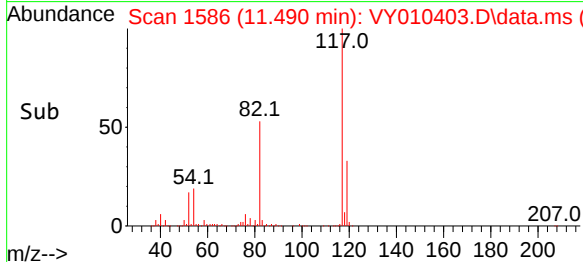
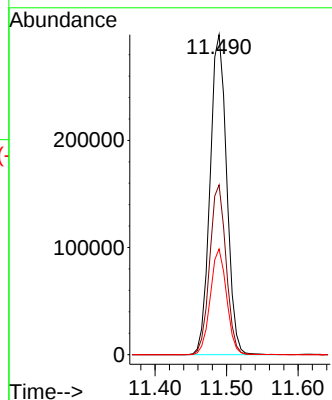
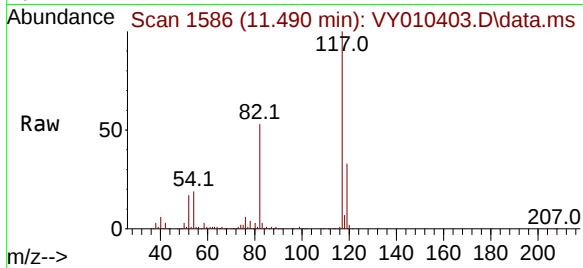




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010403.D
Acq: 08 Sep 2022 18:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

Tgt Ion:117 Resp: 482445
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 33.1 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: VY010403.D
Acq: 08 Sep 2022 18:09

Tgt Ion:152 Resp: 238145
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 157.0 0.0 347.6

