

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010428.D
 Acq On : 09 Sep 2022 19:19
 Operator : KP/MD
 Sample : N4530-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-8.5-9.0

Quant Time: Sep 10 00:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	187162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100523	53.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.660%
35) Dibromofluoromethane	7.709	113	94934	43.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.100%
50) Toluene-d8	10.178	98	367341	51.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.477	95	126173	43.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.560%

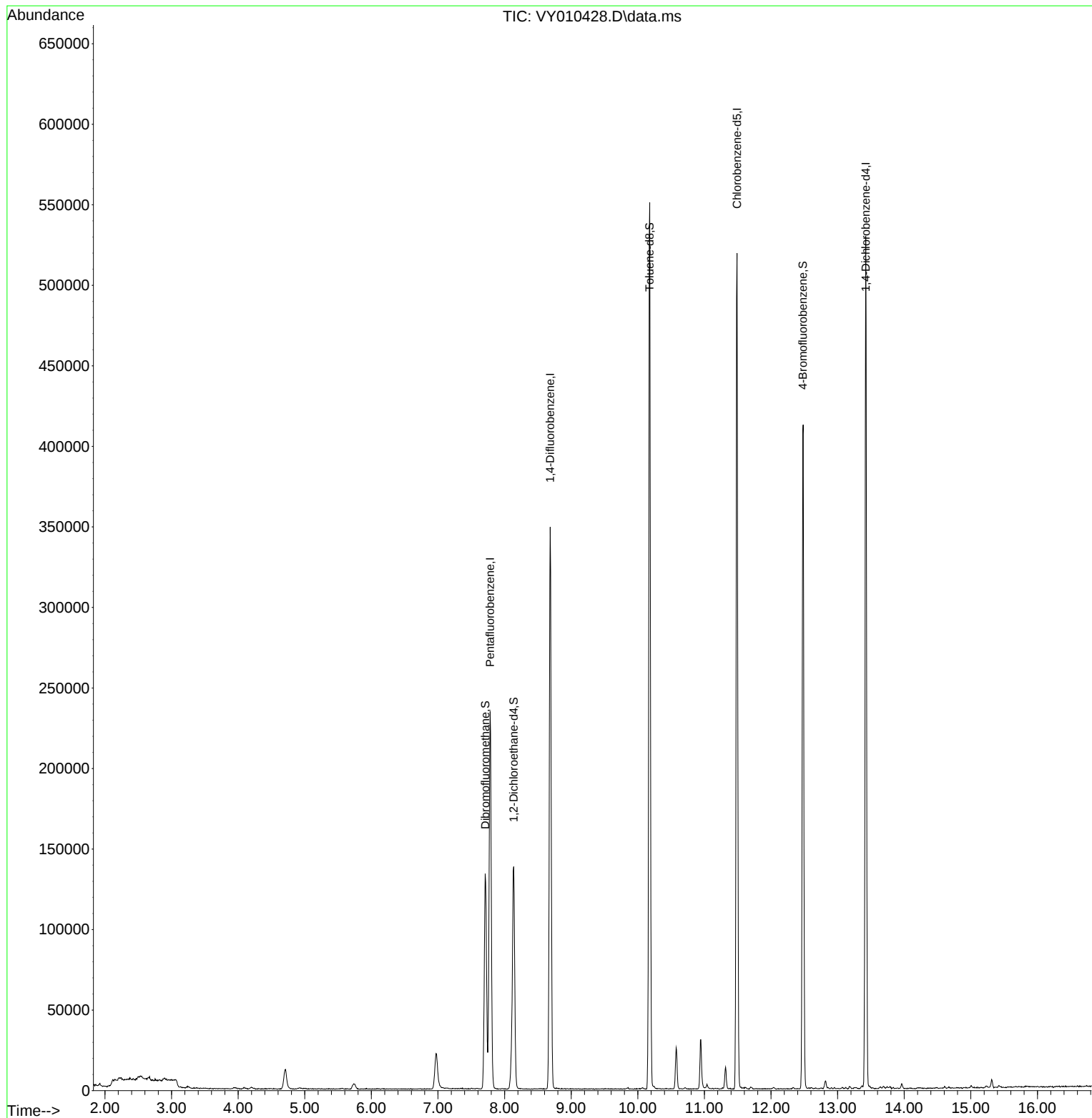
Target Compounds	Qvalue

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

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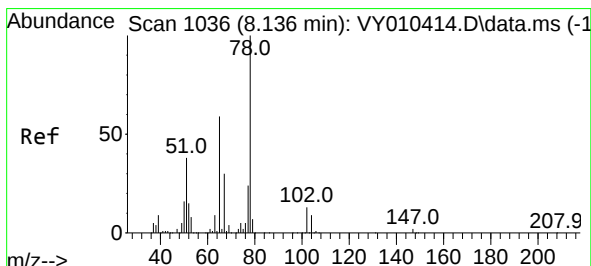
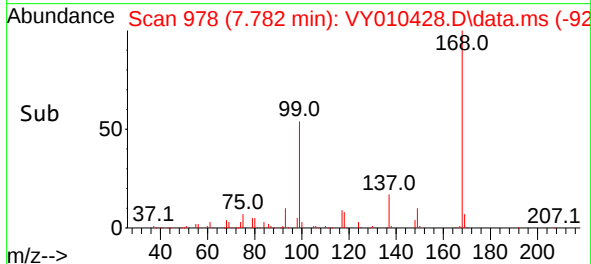
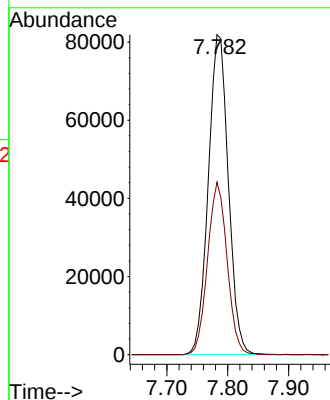
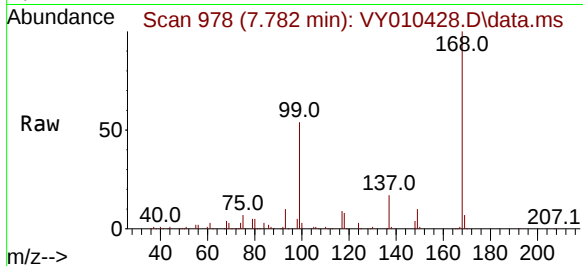




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

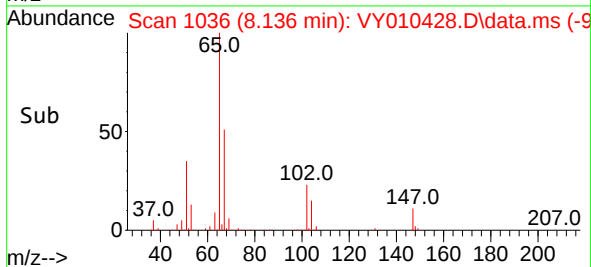
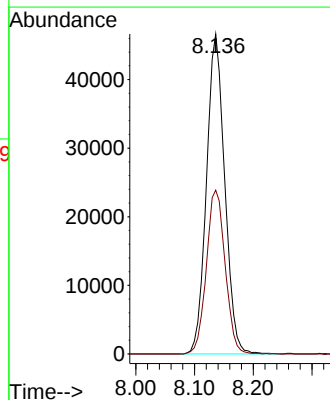
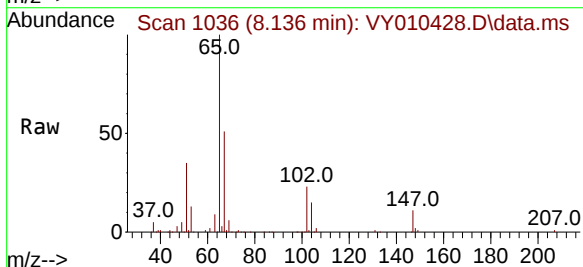
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

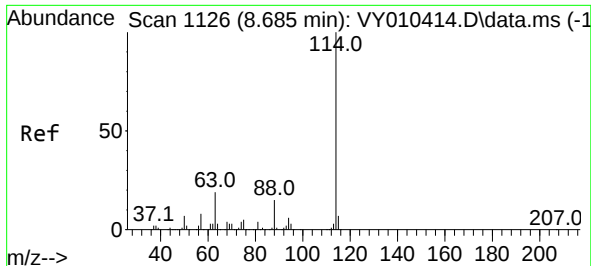
Tgt Ion:168 Resp: 187162
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.327 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 65 Resp: 100523
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

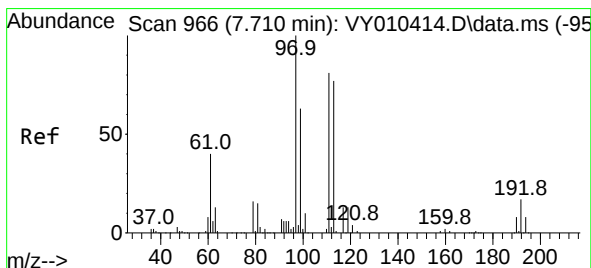
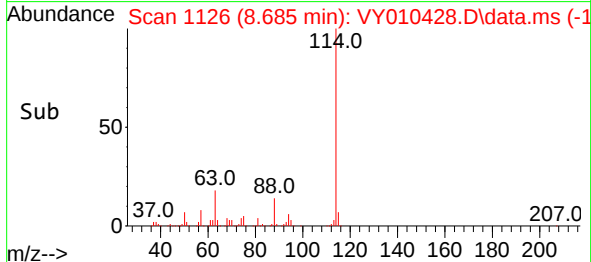
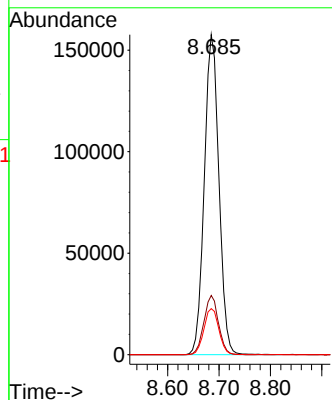
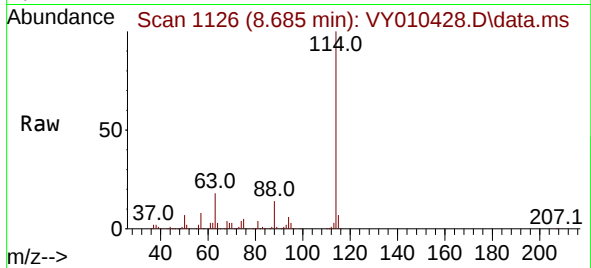




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

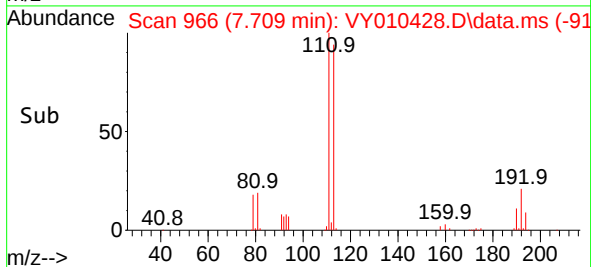
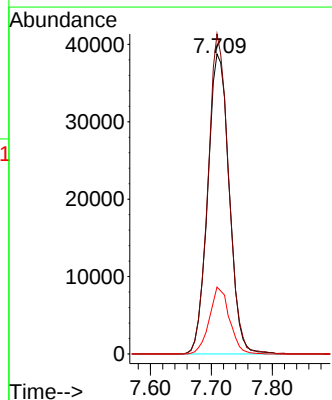
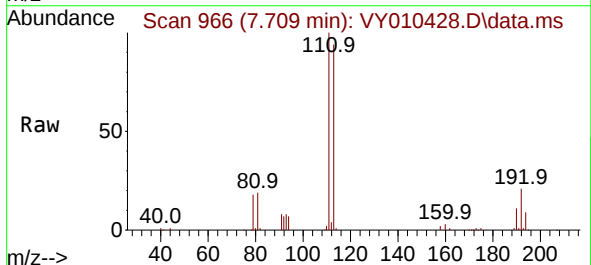
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

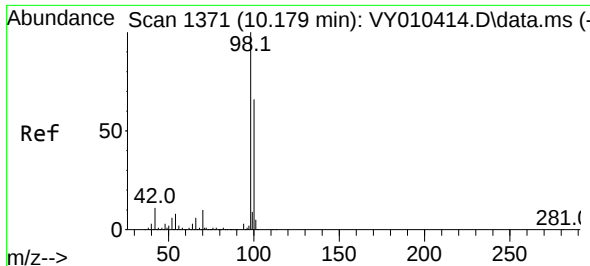
Tgt Ion:114 Resp: 310483
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.053 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion:113 Resp: 94934
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.8 17.6 26.4

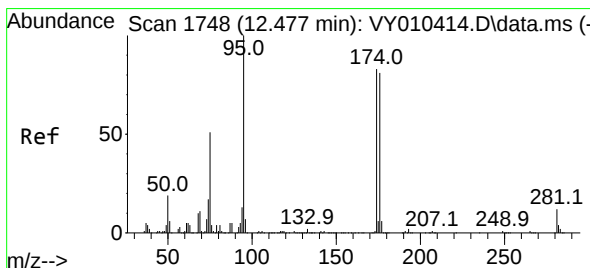
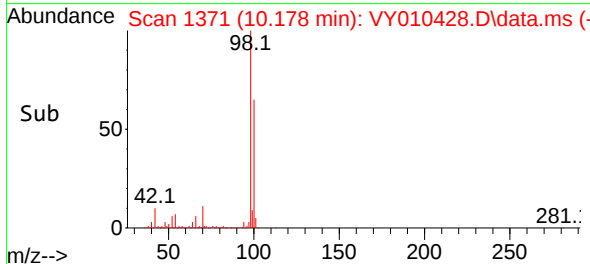
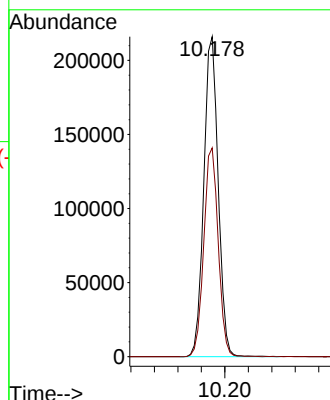
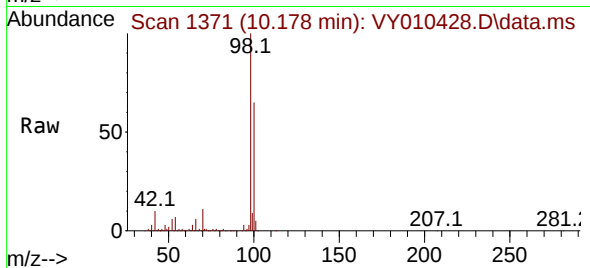




#50
Toluene-d8
Concen: 51.402 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

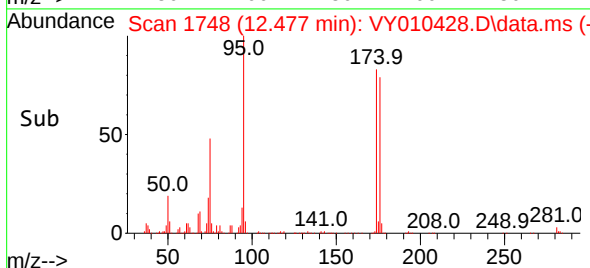
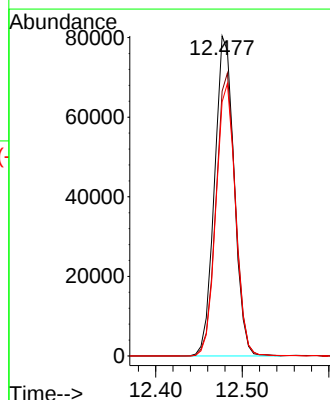
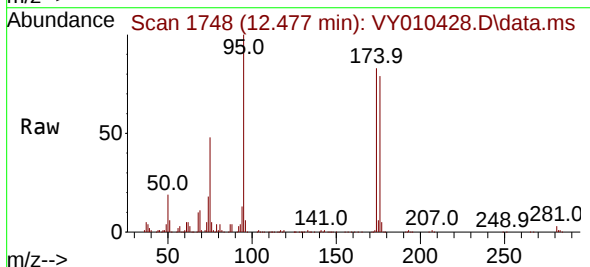
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

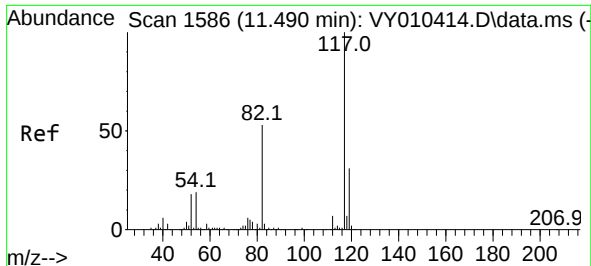
Tgt Ion: 98 Resp: 367341
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.775 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion: 95 Resp: 126173
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 84.7 0.0 175.8

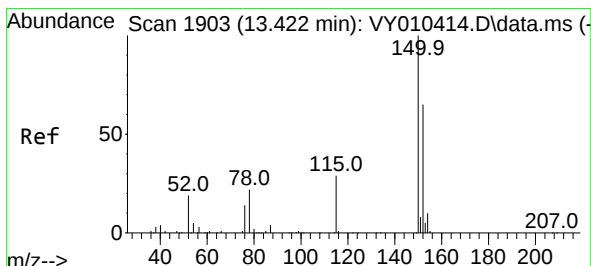
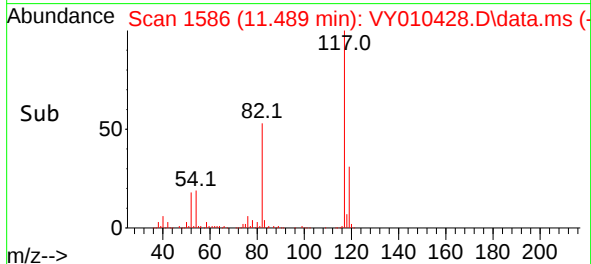
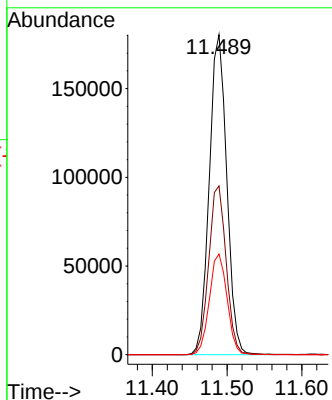
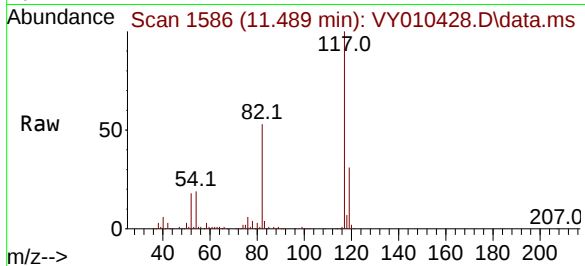




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-8.5-9.0

Tgt Ion:117 Resp: 293323
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010428.D
Acq: 09 Sep 2022 19:19

Tgt Ion:152 Resp: 138437
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 156.1 0.0 347.6

