

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010462.D
 Acq On : 13 Sep 2022 16:31
 Operator : KP/MD
 Sample : N4509-08
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_UNK-20220902

Quant Time: Sep 14 05:25:05 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	7.783	168	188753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114229	60.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.180%
35) Dibromofluoromethane	7.710	113	99426	43.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.960%
50) Toluene-d8	10.173	98	379442	51.788	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.477	95	128379	43.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.780%

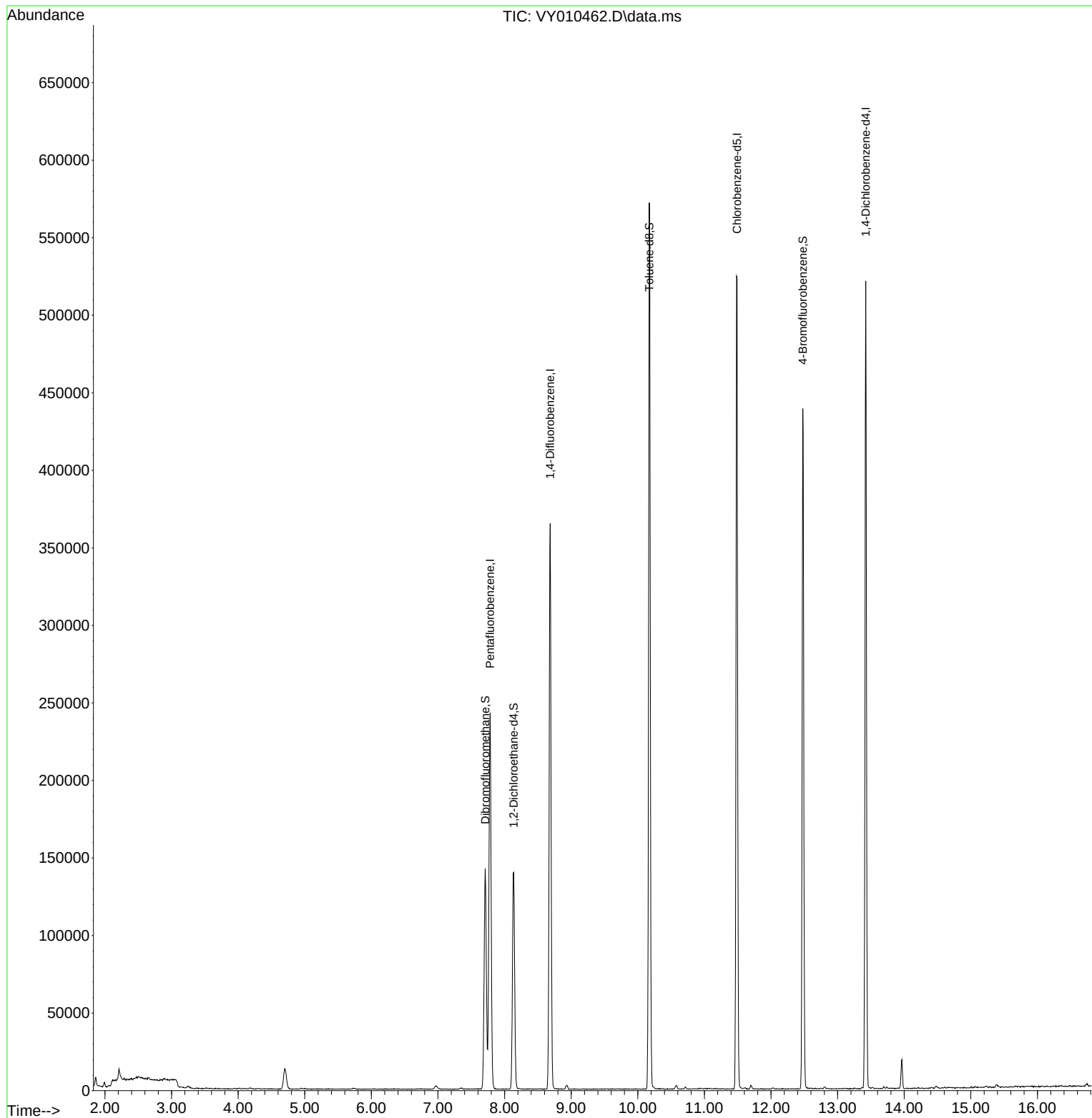
Target Compounds	Qvalue

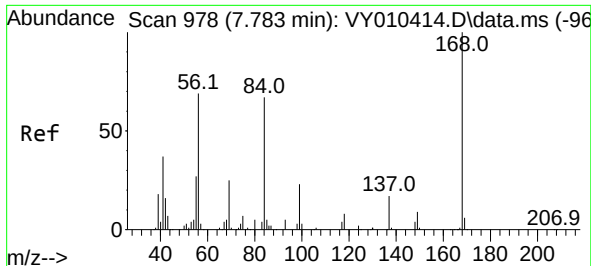
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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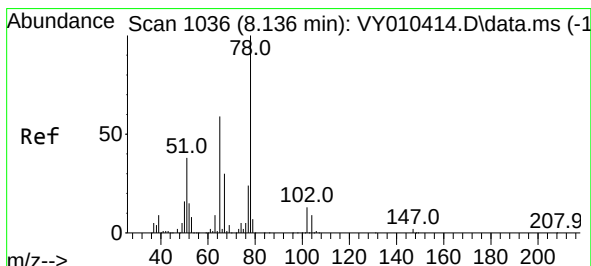
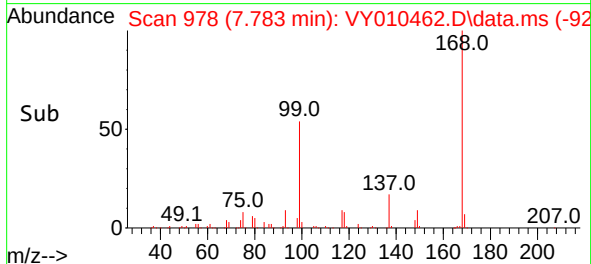
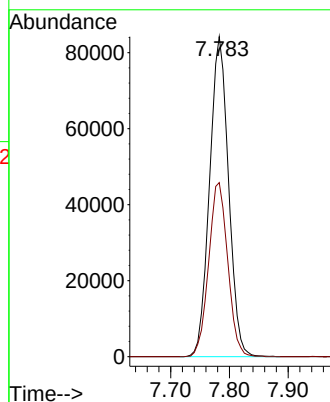
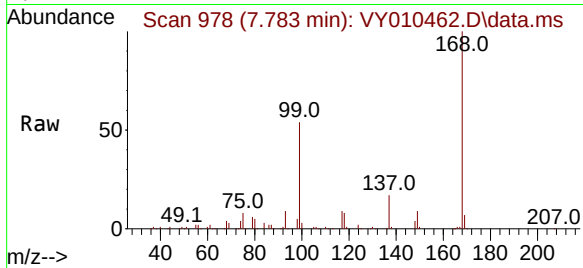




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

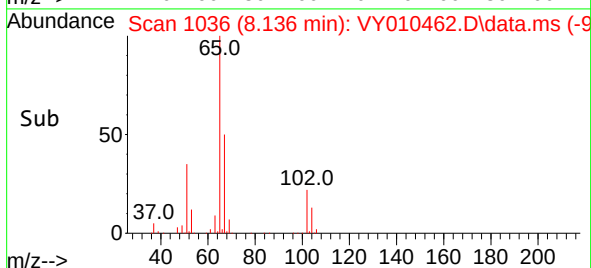
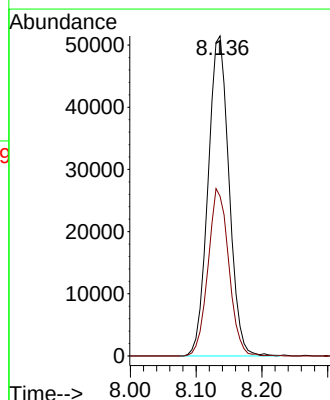
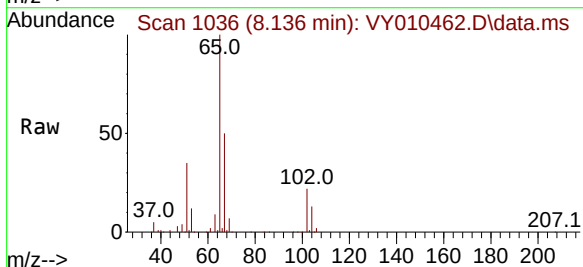
Instrument :
MSVOA_Y
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S1-SO_UNK-20220902

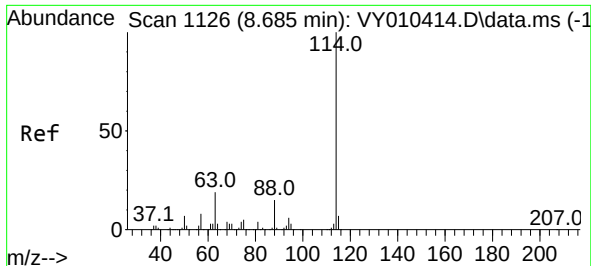
Tgt Ion:168 Resp: 188753
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.087 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

Tgt Ion: 65 Resp: 114229
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4

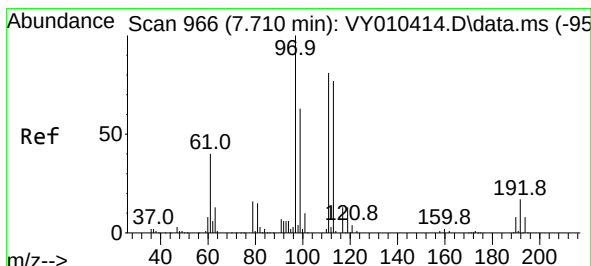
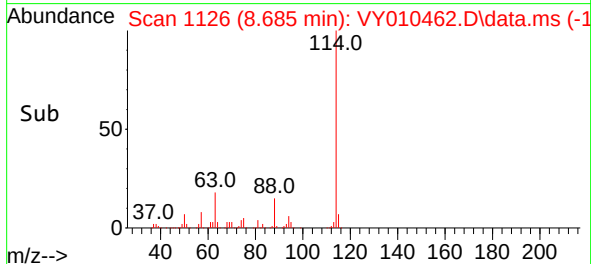
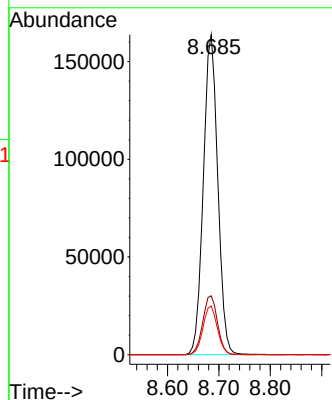
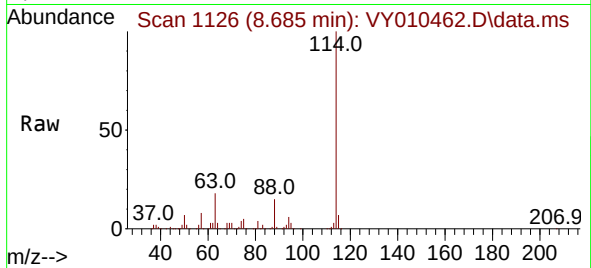




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

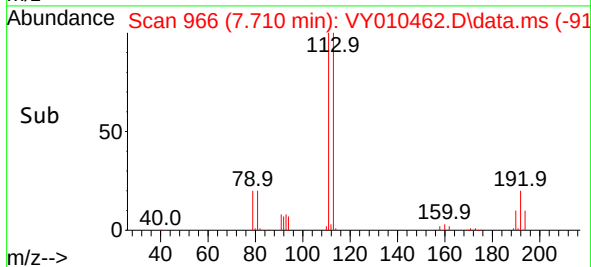
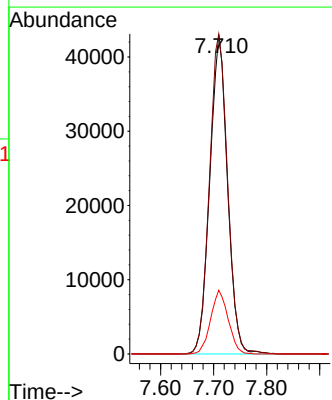
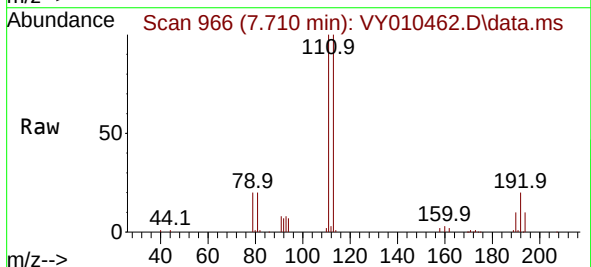
Instrument :
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ClientSampleId :
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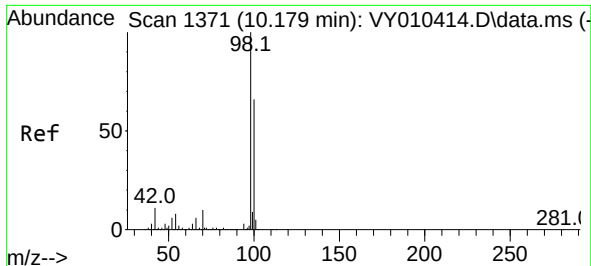
Tgt Ion:114 Resp: 318315
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.980 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

Tgt Ion:113 Resp: 99426
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.8 17.6 26.4

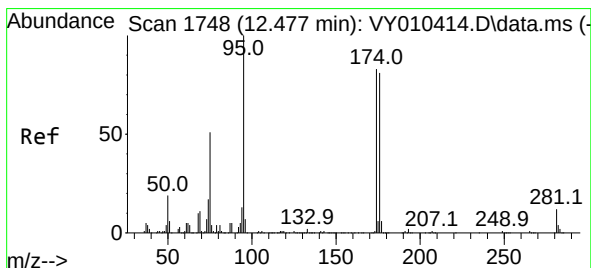
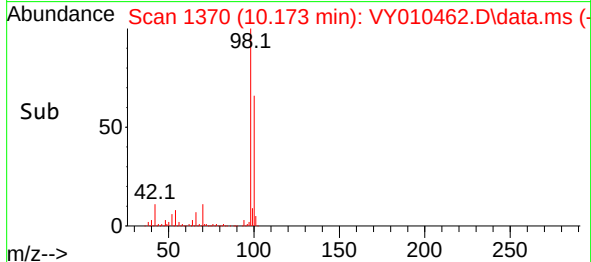
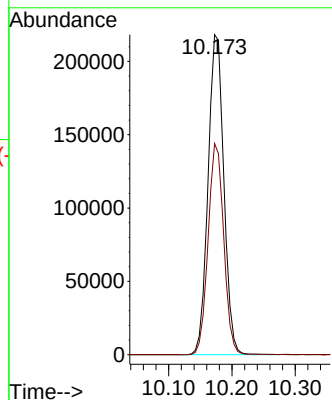
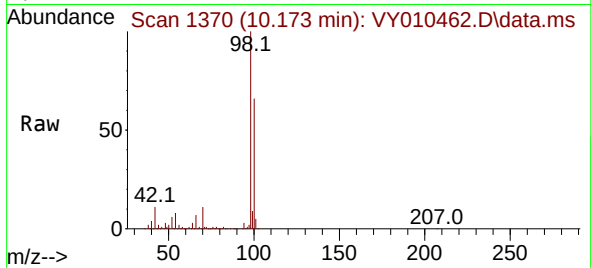




#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

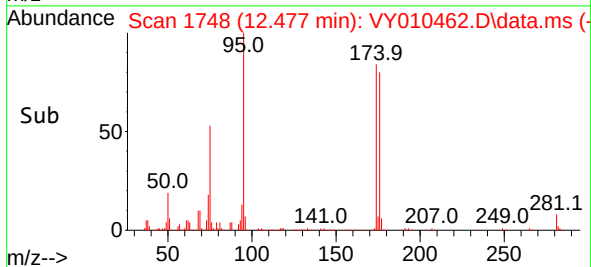
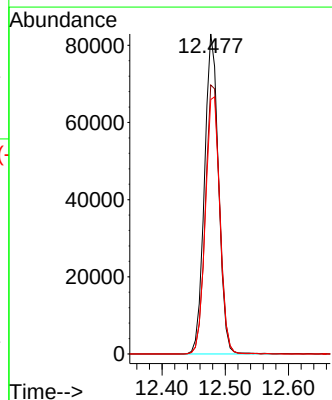
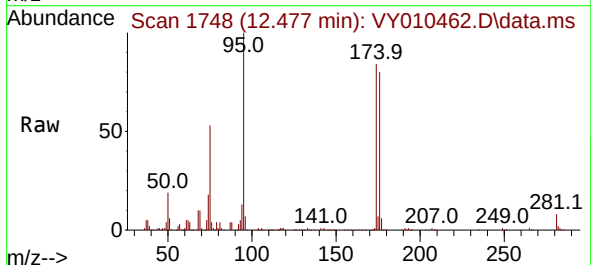
Instrument :
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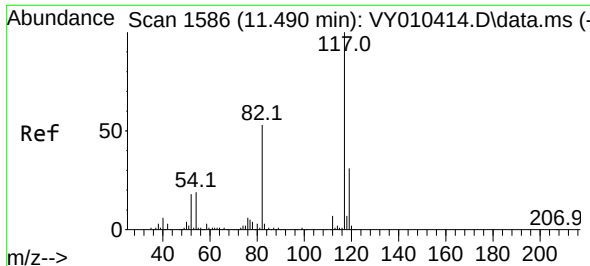
Tgt Ion: 98 Resp: 379442
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.392 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

Tgt Ion: 95 Resp: 128379
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.7 0.0 175.8

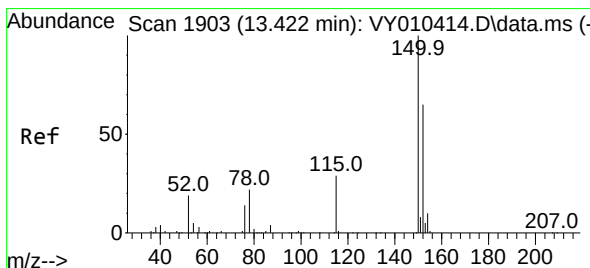
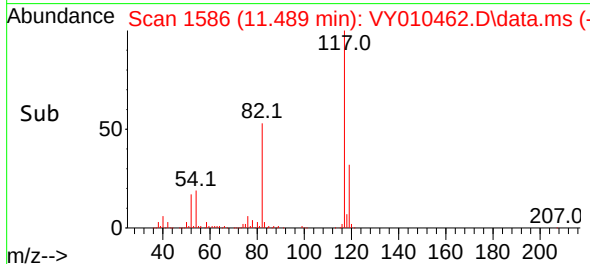
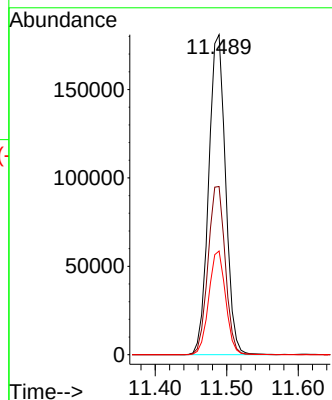
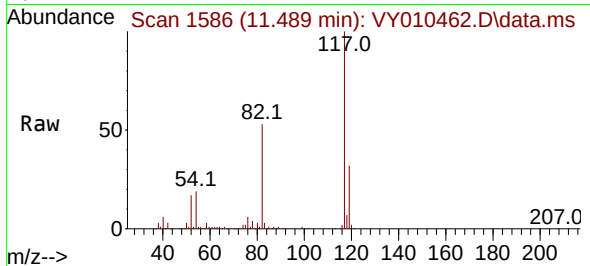




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010462.D
Acq: 13 Sep 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_UNK-20220902

Tgt Ion:	117	Resp:	296521
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	32.4	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: VY010462.D
Acq: 13 Sep 2022 16:31

Tgt Ion:	152	Resp:	133445
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	156.6	0.0	347.6

