

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010486.D
 Acq On : 14 Sep 2022 16:00
 Operator : KP/MD
 Sample : N4578-15
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-4

Quant Time: Sep 15 01:10:36 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	177045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104680	58.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.420%
35) Dibromofluoromethane	7.716	113	97836	44.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.080%
50) Toluene-d8	10.179	98	370063	51.983	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.960%
62) 4-Bromofluorobenzene	12.477	95	123678	42.963	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.920%

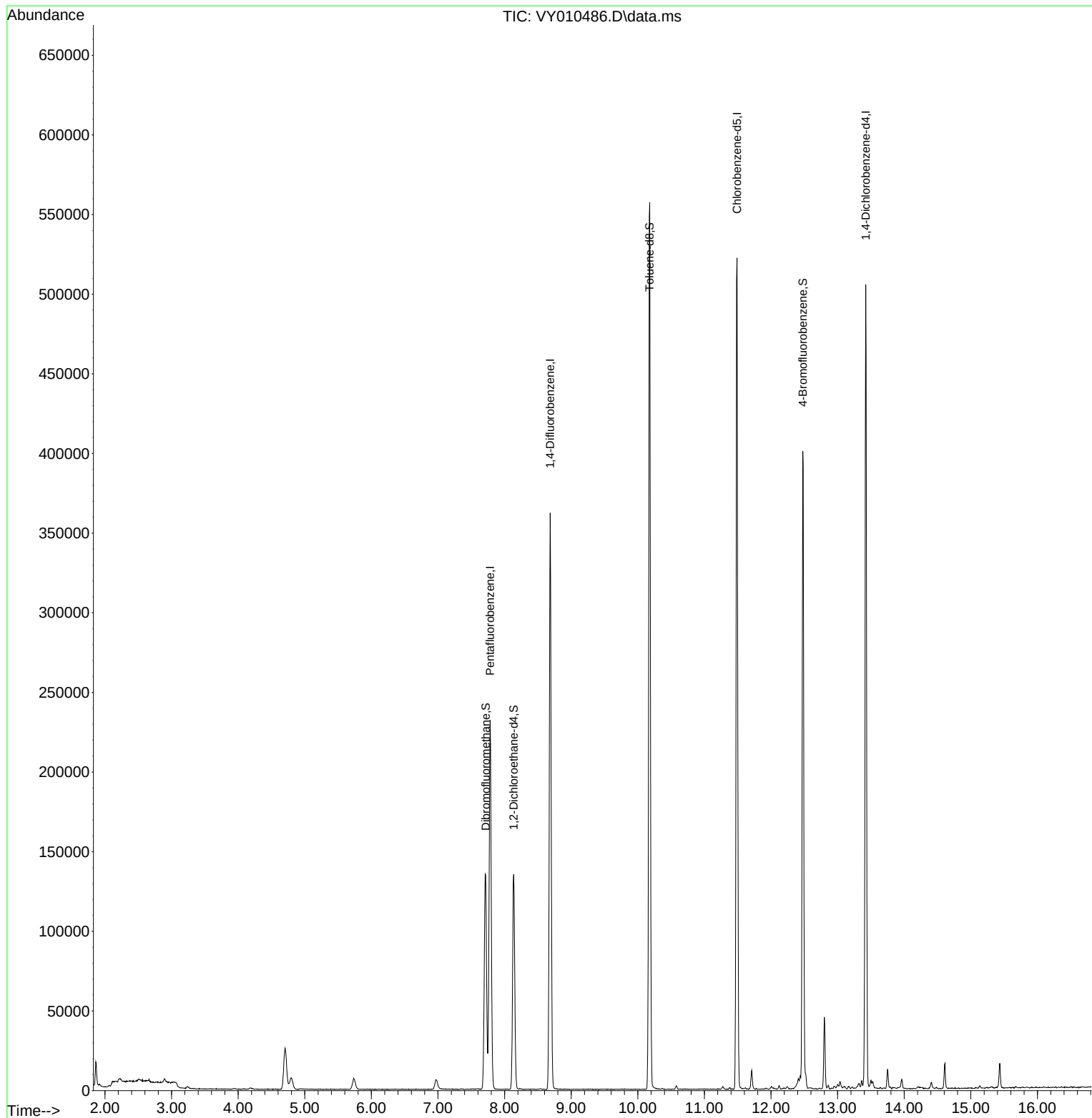
Target Compounds	Qvalue

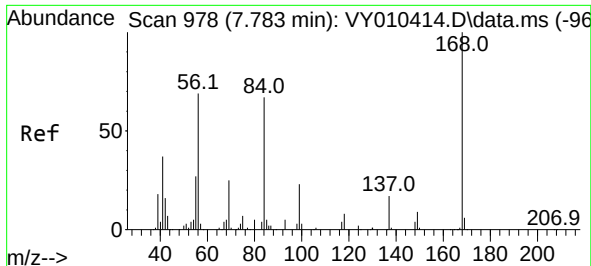
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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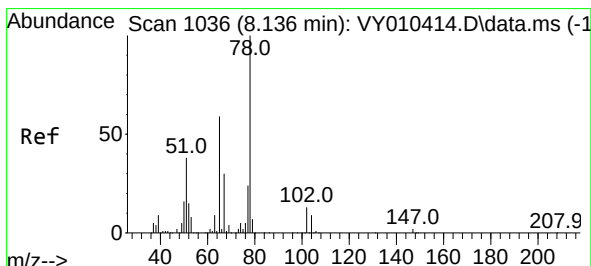
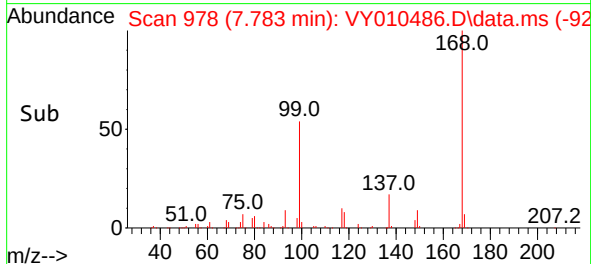
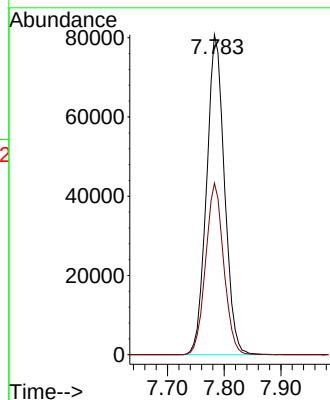
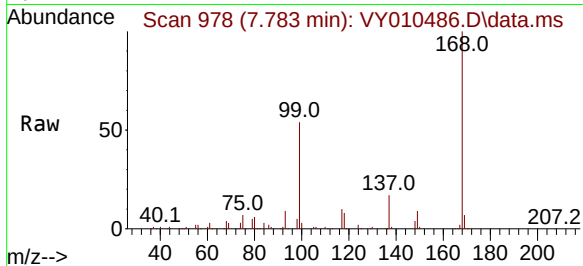




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

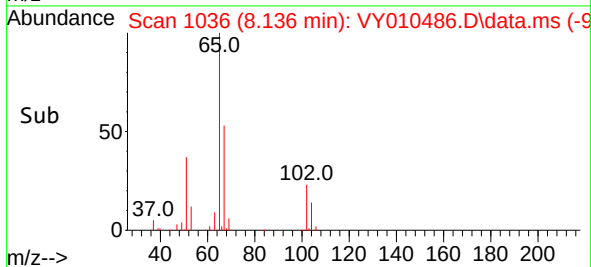
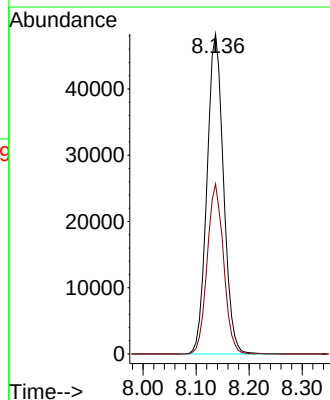
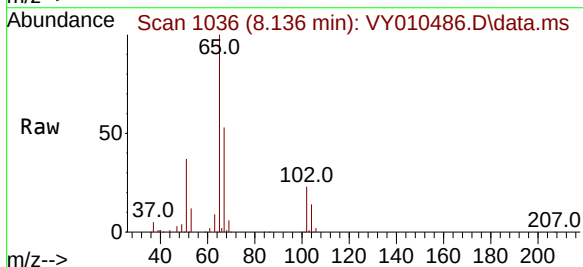
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-4

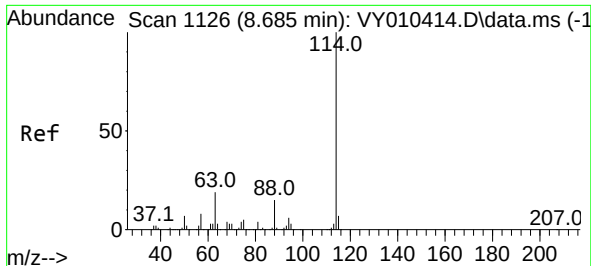
Tgt Ion:168 Resp: 177045
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.706 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

Tgt Ion: 65 Resp: 104680
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

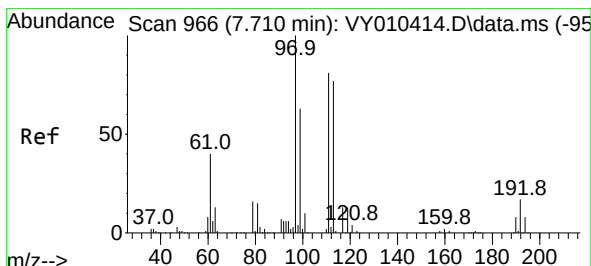
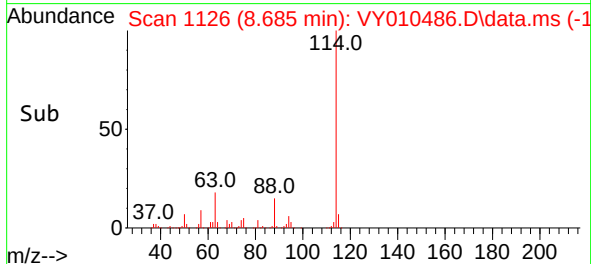
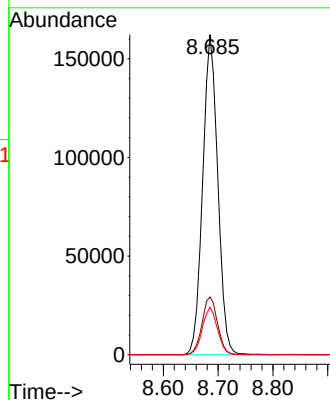
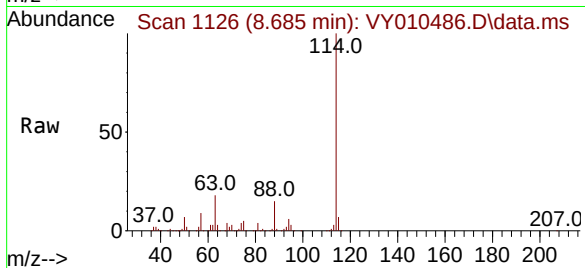




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

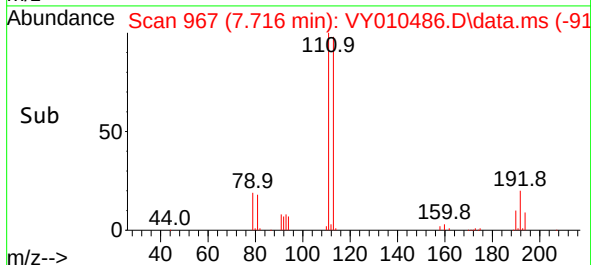
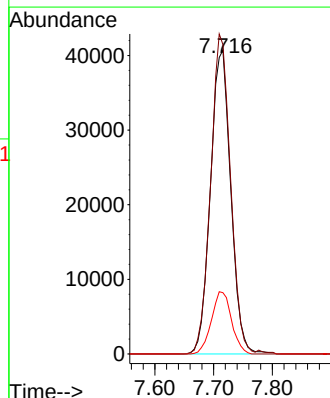
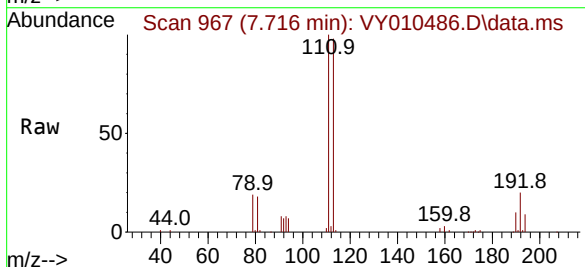
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-4

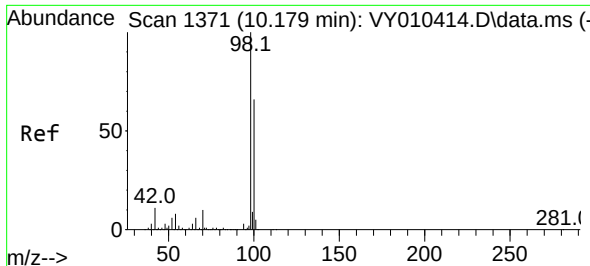
Tgt Ion:114 Resp: 309287
Ion Ratio Lower Upper
114 100
63 18.0 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.540 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

Tgt Ion:113 Resp: 97836
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.2 17.6 26.4

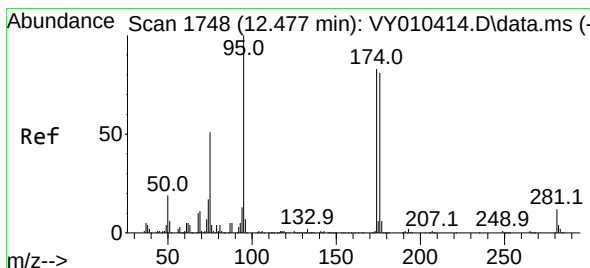
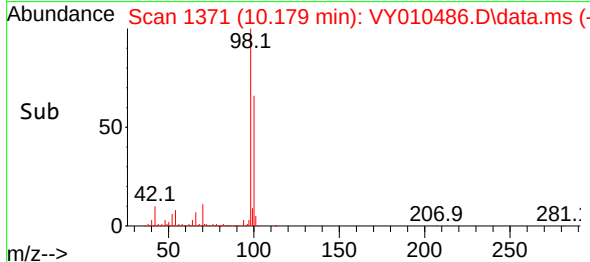
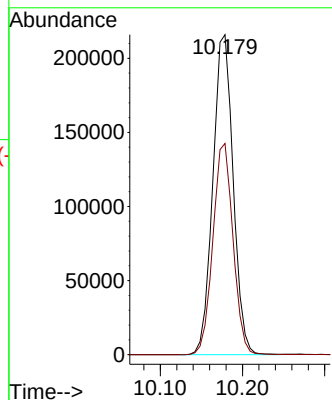
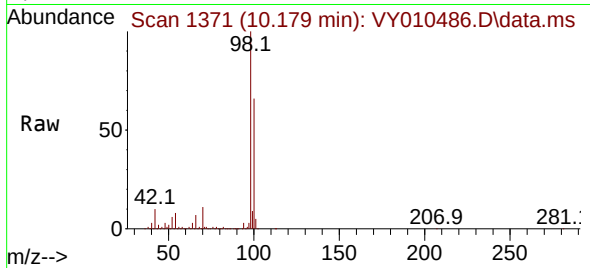




#50
Toluene-d8
Concen: 51.983 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

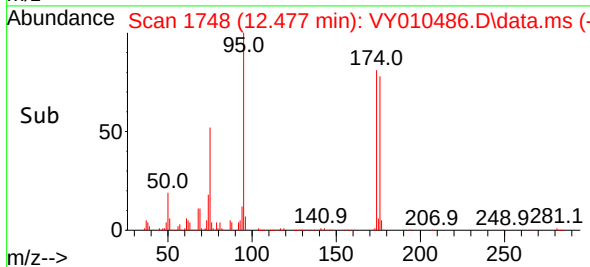
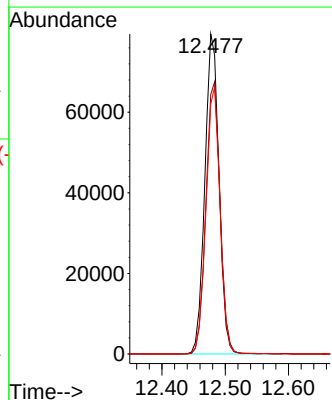
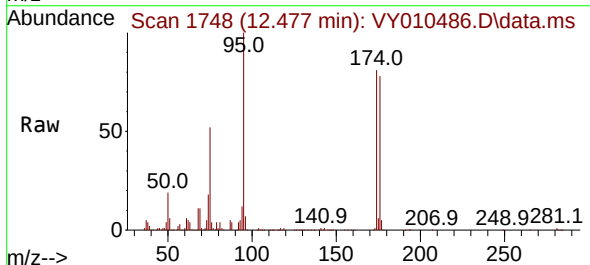
Instrument :
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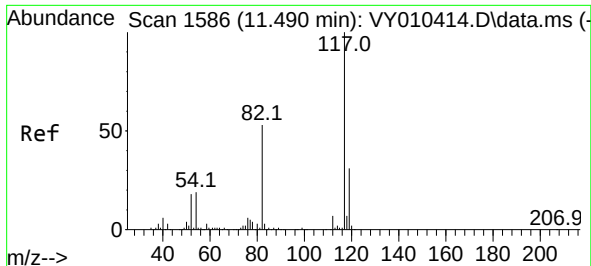
Tgt Ion: 98 Resp: 370063
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.963 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

Tgt Ion: 95 Resp: 123678
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.0 0.0 175.8

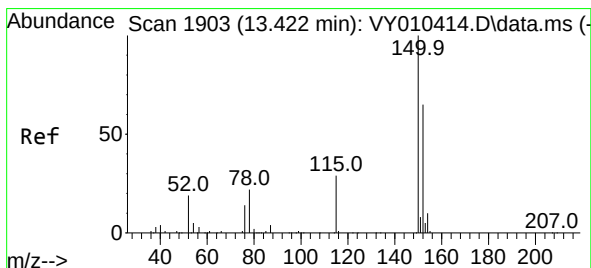
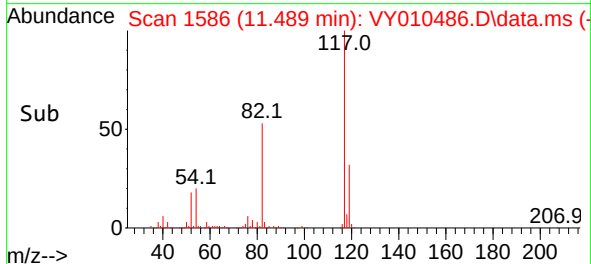
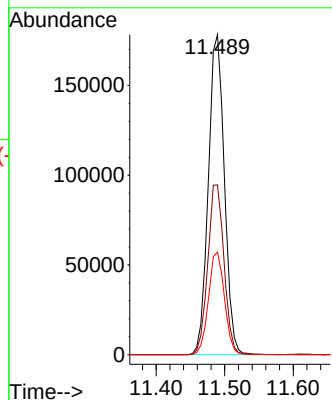
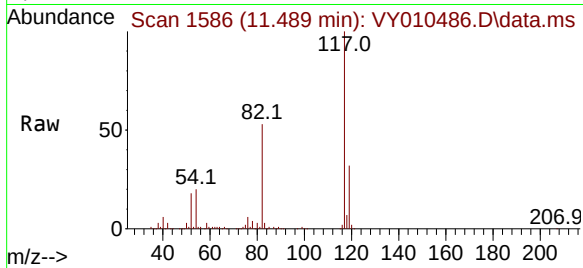




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-4

Tgt Ion:117 Resp: 290732
Ion Ratio Lower Upper
117 100
82 53.0 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. 0.000 min
Lab File: VY010486.D
Acq: 14 Sep 2022 16:00

Tgt Ion:152 Resp: 130834
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 156.2 0.0 347.6

