

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010147.D
 Acq On : 22 Aug 2022 16:34
 Operator : KP/MD
 Sample : N4219-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-4

Quant Time: Aug 22 18:51:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	168002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91545	66.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.060%
35) Dibromofluoromethane	7.709	113	87034	49.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.179	98	328798	50.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	107158	45.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.940%

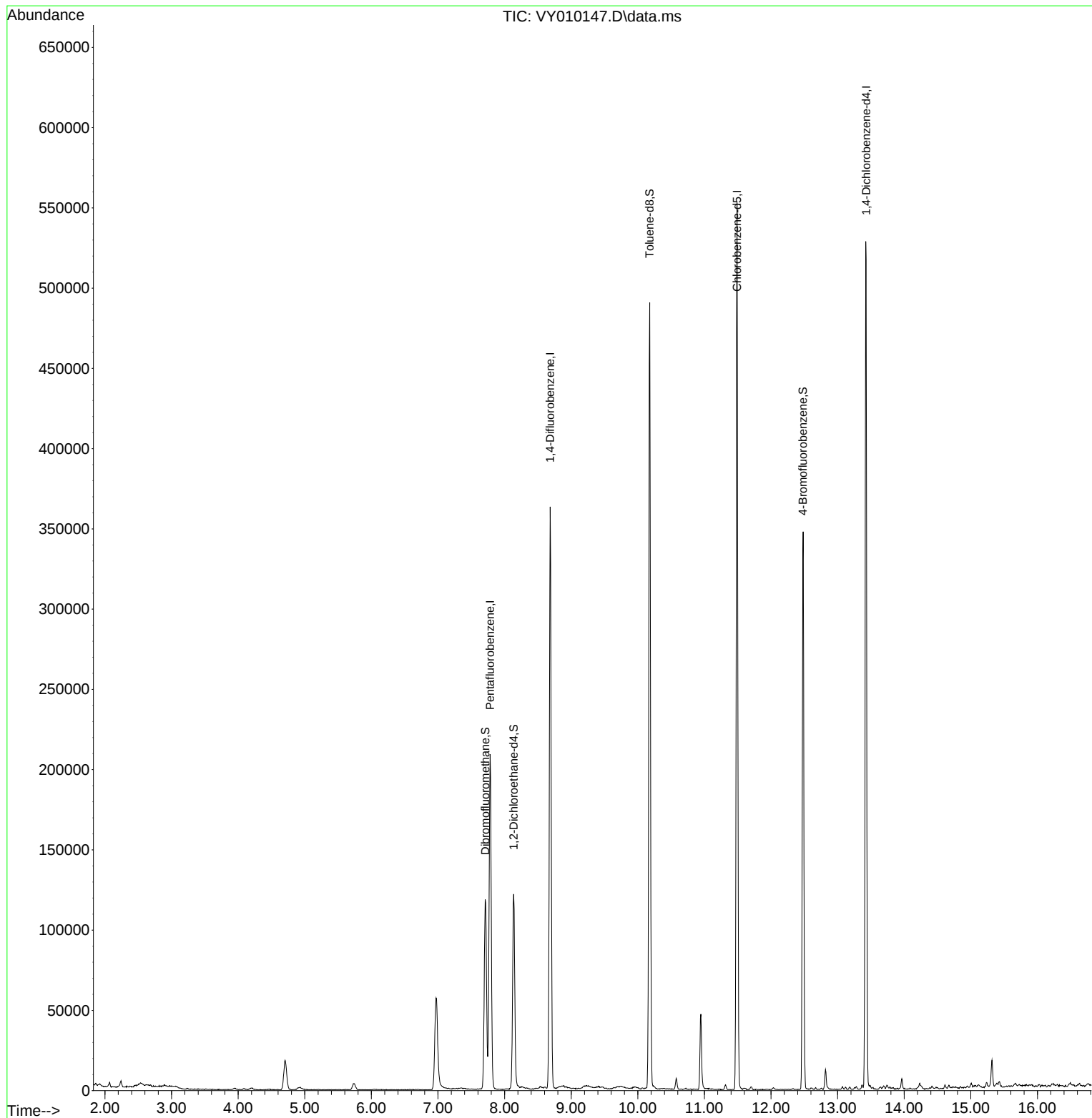
Target Compounds	Qvalue

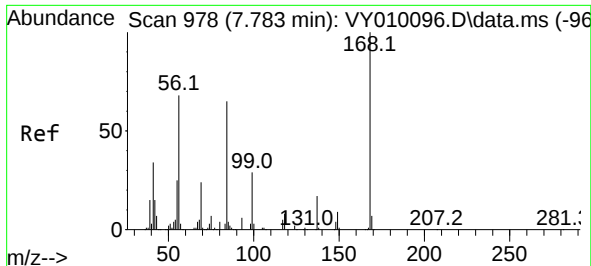
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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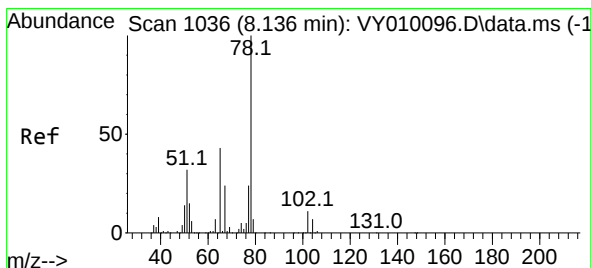
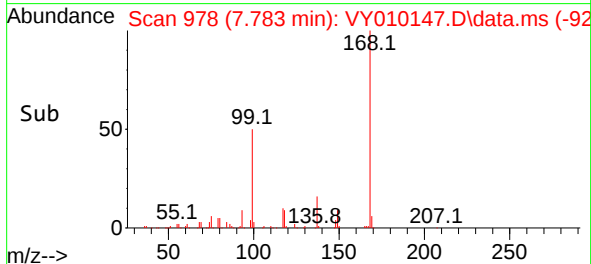
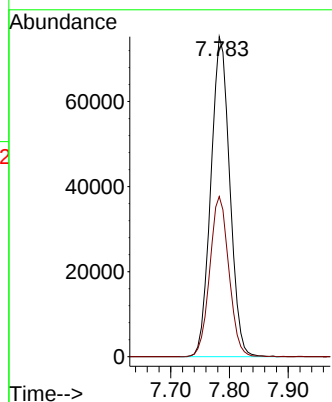
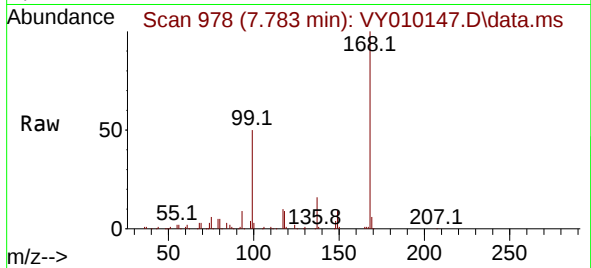




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

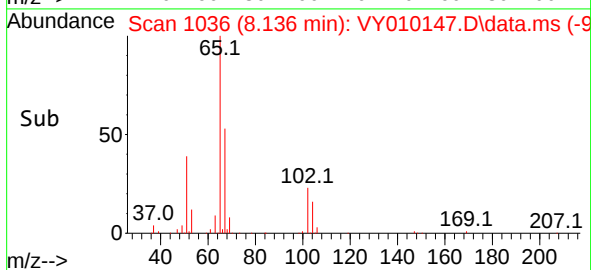
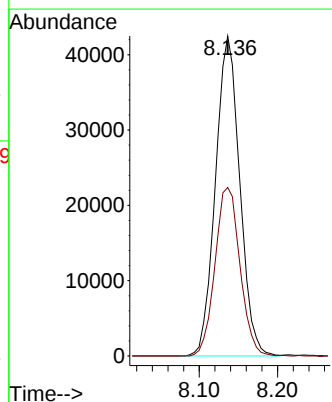
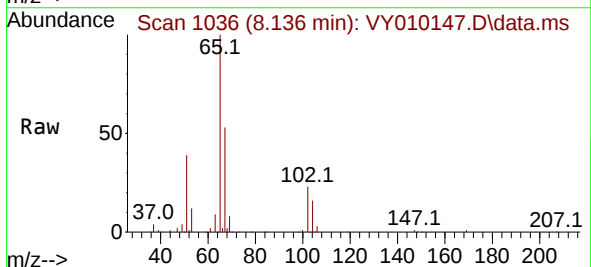
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

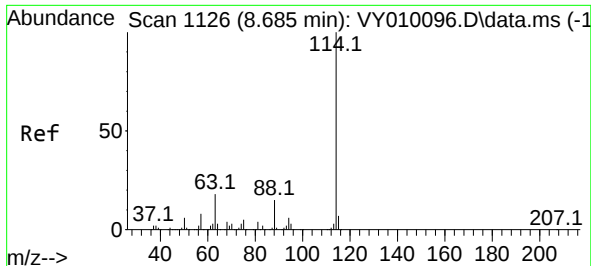
Tgt Ion:168 Resp: 168002
Ion Ratio Lower Upper
168 100
99 50.1 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 66.525 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 65 Resp: 91545
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

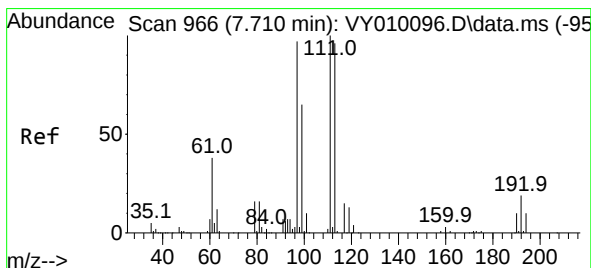
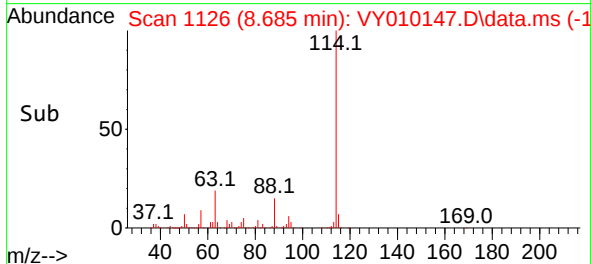
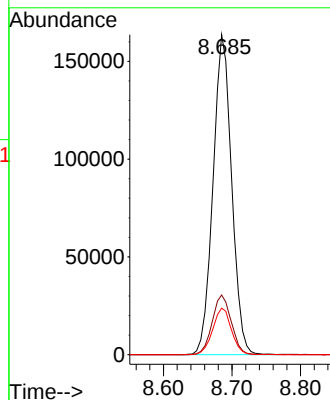
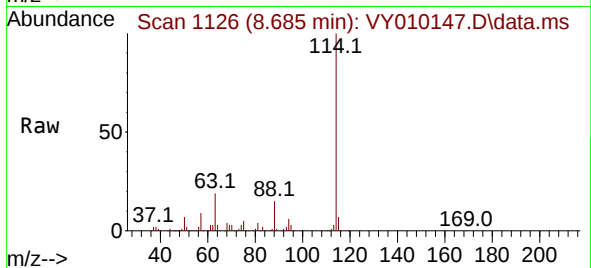




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

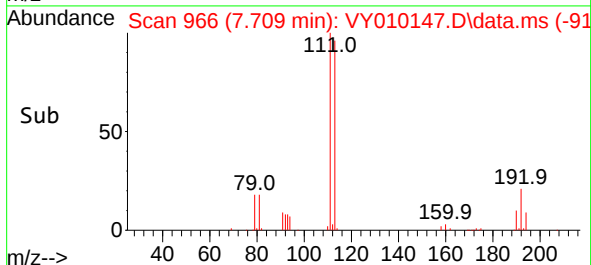
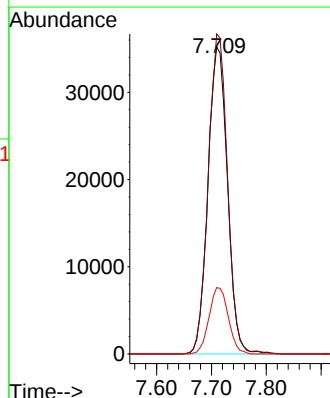
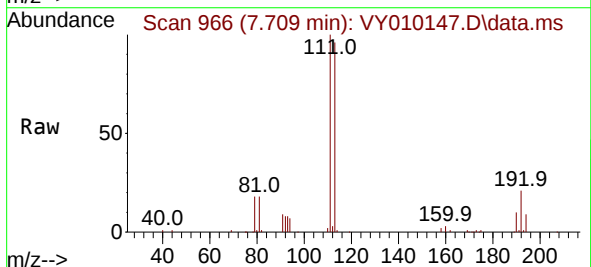
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

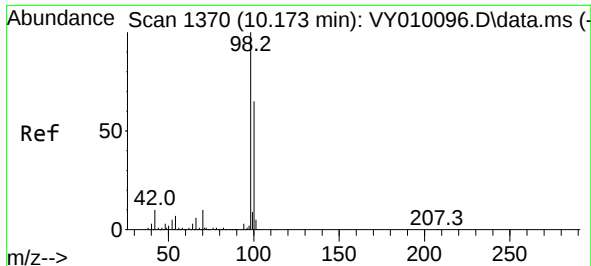
Tgt Ion:114 Resp: 308968
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 14.6 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.991 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion:113 Resp: 87034
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 21.3 16.3 24.5

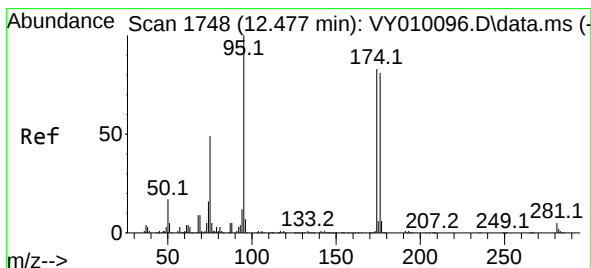
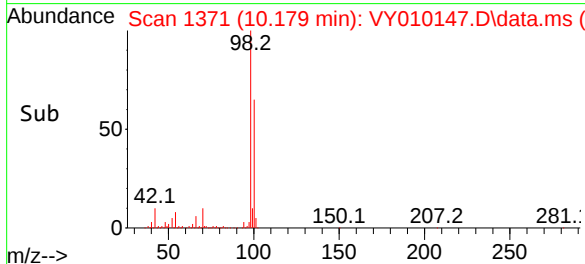
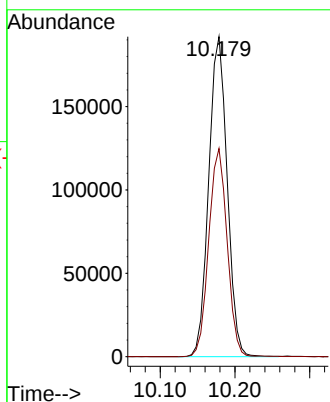
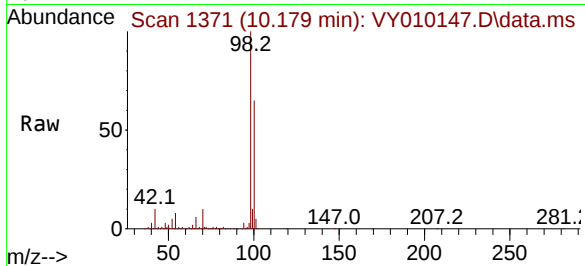




#50
Toluene-d8
Concen: 50.401 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

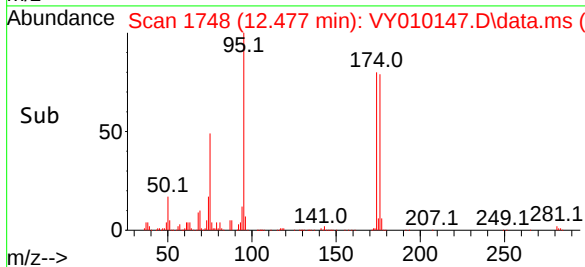
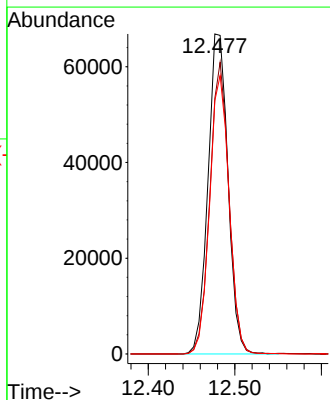
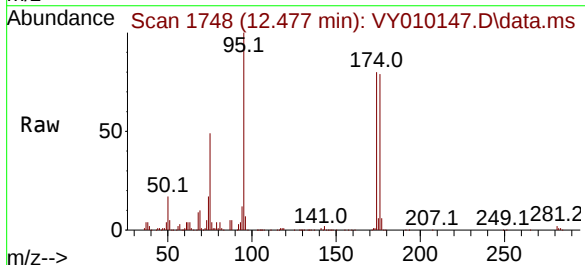
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

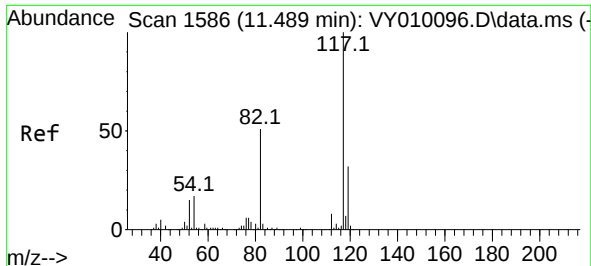
Tgt Ion: 98 Resp: 328798
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.974 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion: 95 Resp: 107158
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.8
176 84.9 0.0 167.2

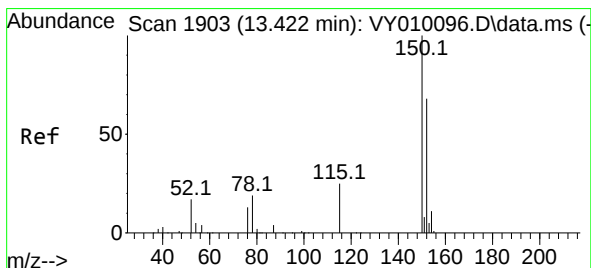
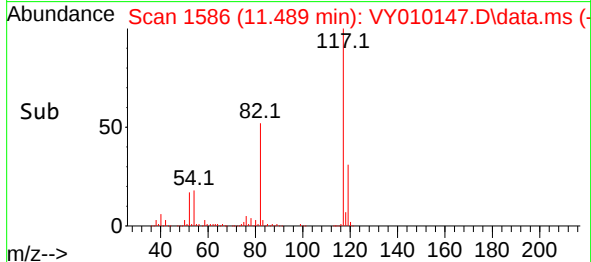
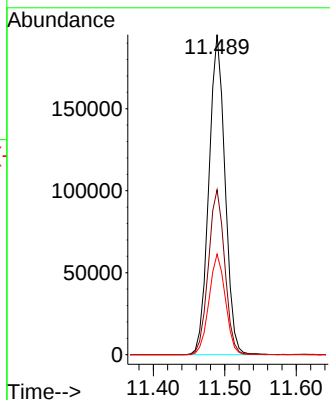
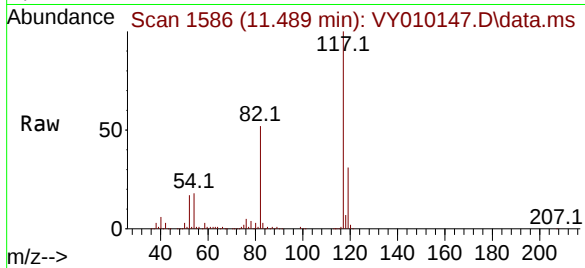




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :
PX-4

Tgt Ion:117 Resp: 306074
Ion Ratio Lower Upper
117 100
82 51.5 40.6 61.0
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010147.D
Acq: 22 Aug 2022 16:34

Tgt Ion:152 Resp: 142245
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 158.6 0.0 346.2

