

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010179.D
 Acq On : 23 Aug 2022 20:42
 Operator : KP/MD
 Sample : N4188-13
 Misc : 12.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S14

Quant Time: Aug 24 04:35:26 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	166628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100607	73.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.420%
35) Dibromofluoromethane	7.709	113	89435	50.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.179	98	327358	49.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.477	95	106382	45.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.320%

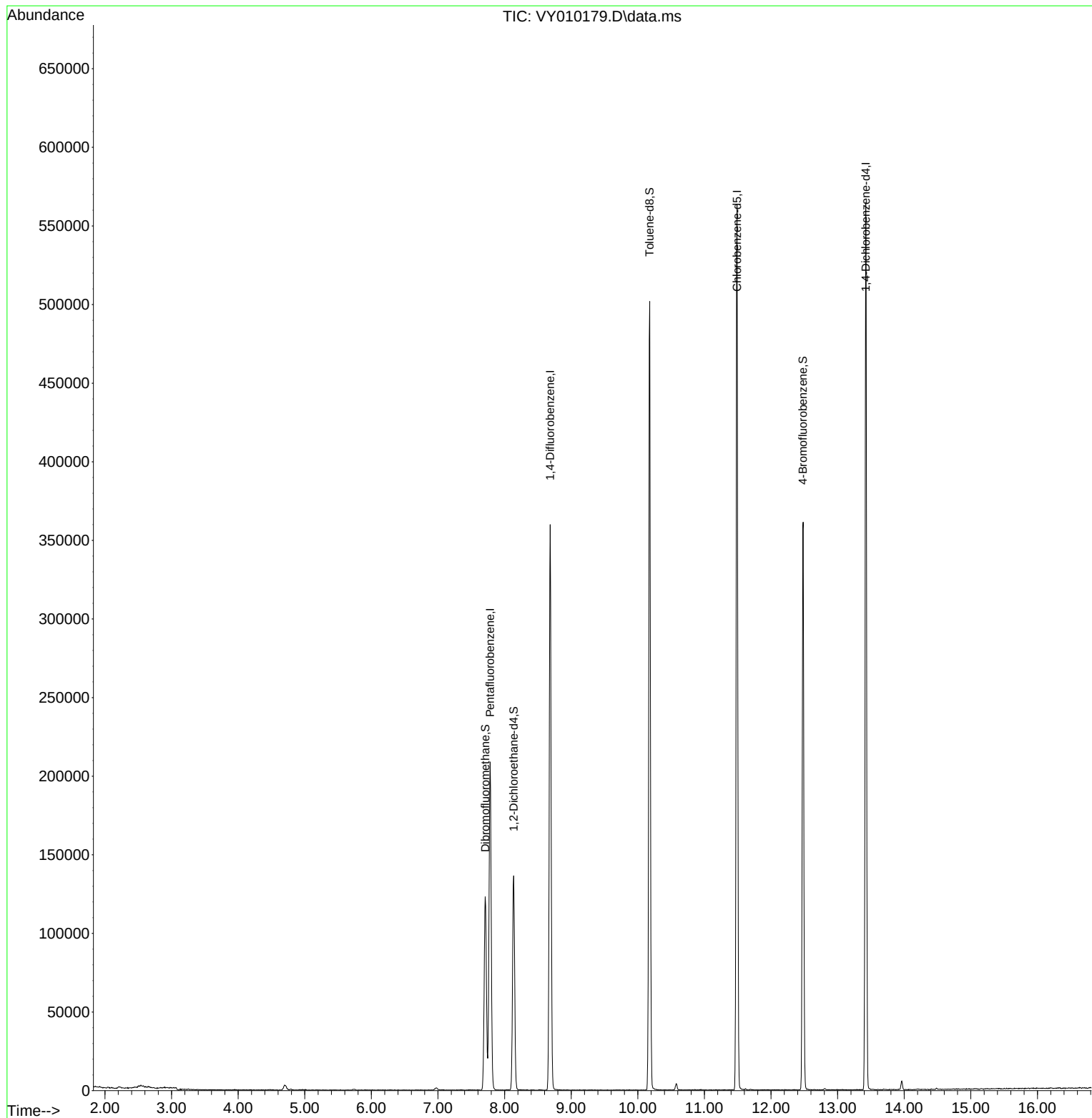
Target Compounds	Qvalue

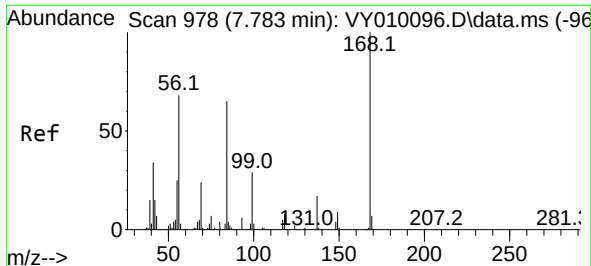
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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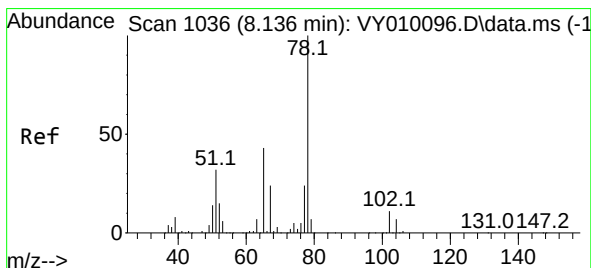
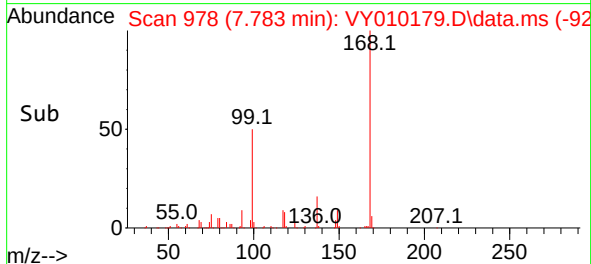
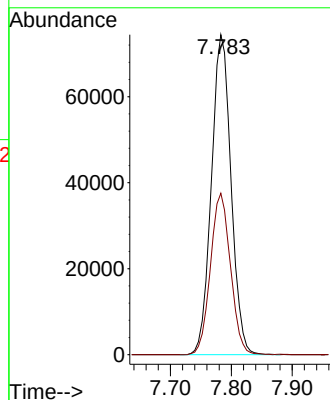
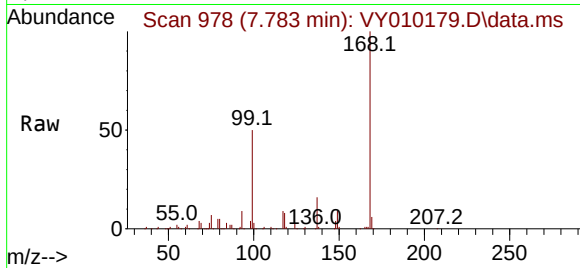




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

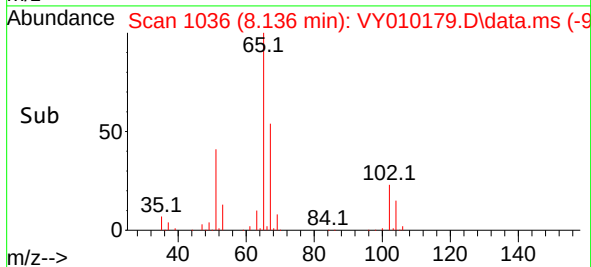
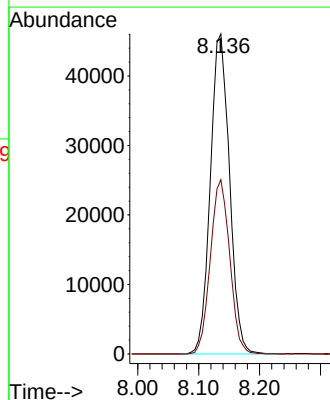
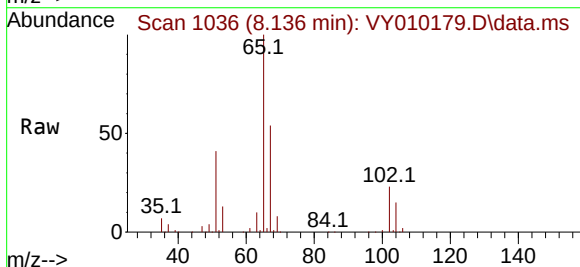
Instrument :
MSVOA_Y
ClientSampleId :
S14

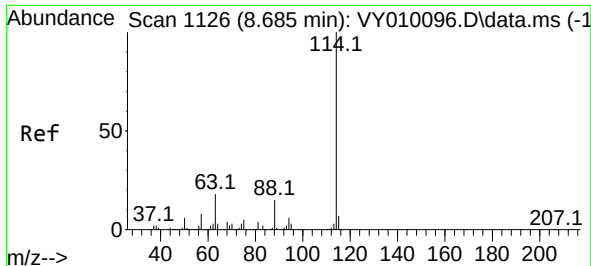
Tgt Ion:168 Resp: 166628
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 73.713 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 65 Resp: 100607
Ion Ratio Lower Upper
65 100
67 54.9 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: VY010179.D

Acq: 23 Aug 2022 20:42

Instrument :

MSVOA_Y

ClientSampleId :

S14

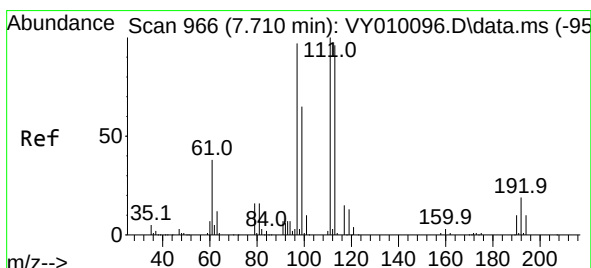
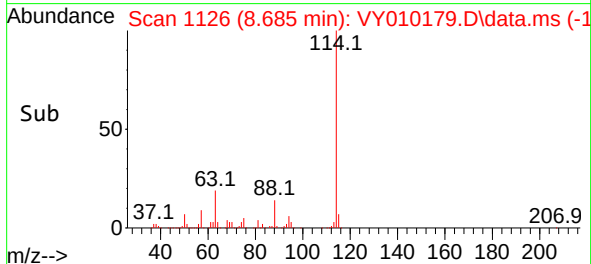
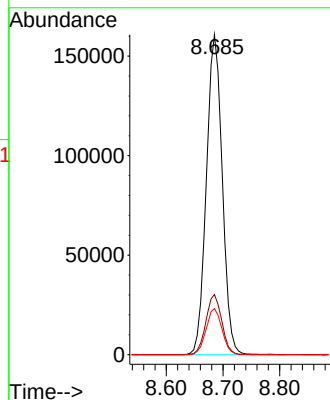
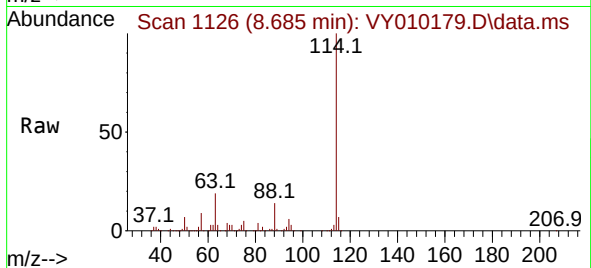
Tgt Ion:114 Resp: 312243

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.832 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010179.D

Acq: 23 Aug 2022 20:42

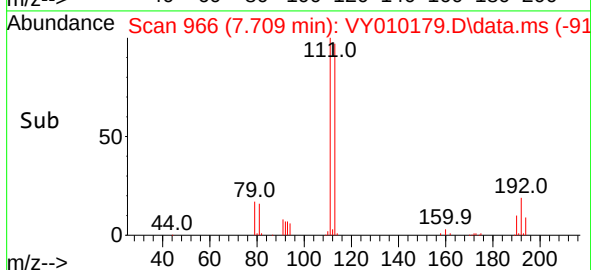
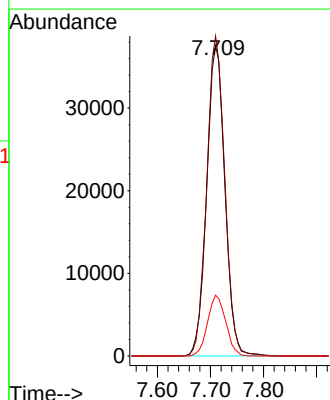
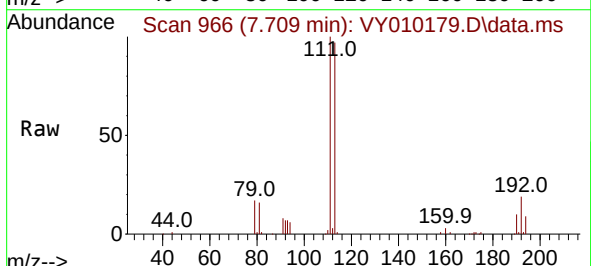
Tgt Ion:113 Resp: 89435

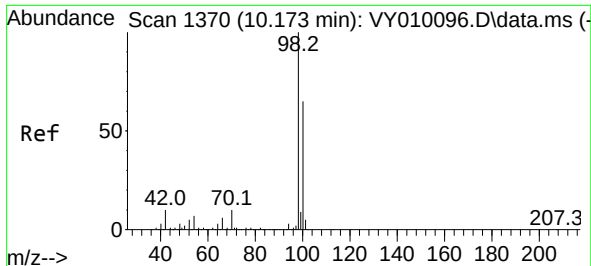
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.5 16.3 24.5

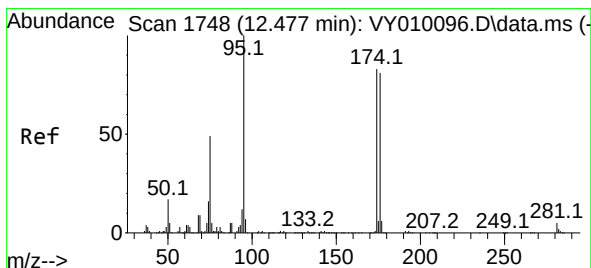
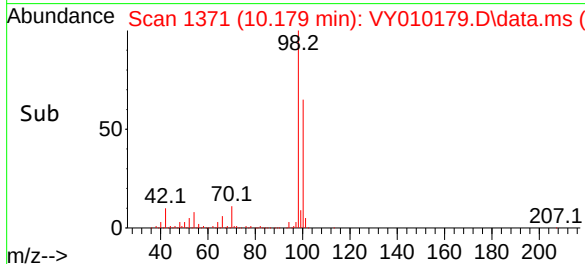
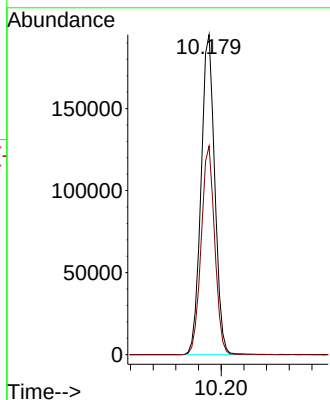
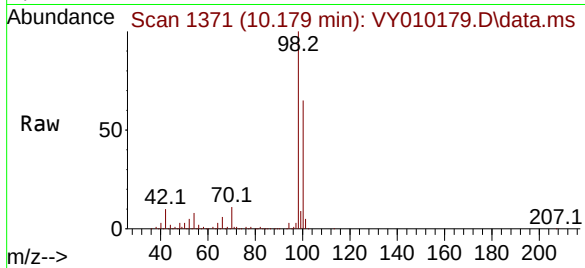




#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

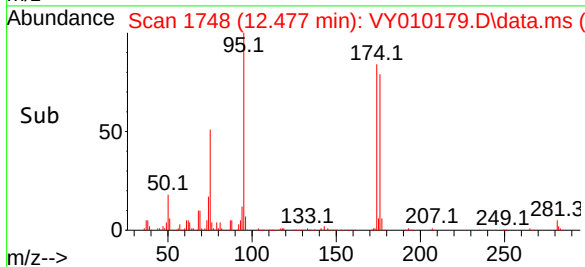
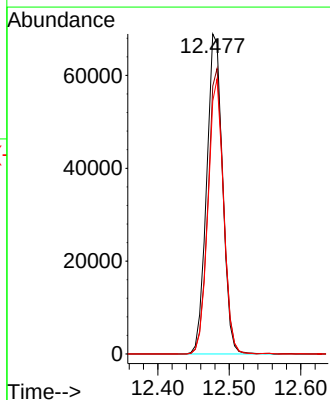
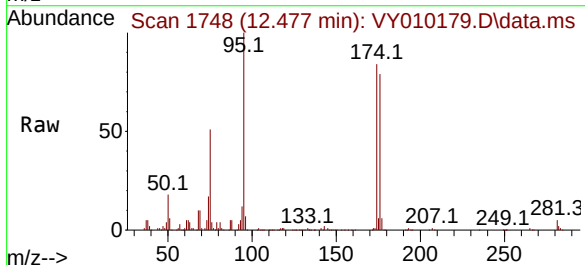
Instrument :
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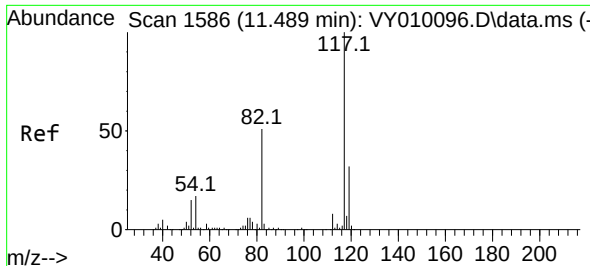
Tgt Ion: 98 Resp: 327358
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.162 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion: 95 Resp: 106382
Ion Ratio Lower Upper
95 100
174 87.2 0.0 173.8
176 83.9 0.0 167.2

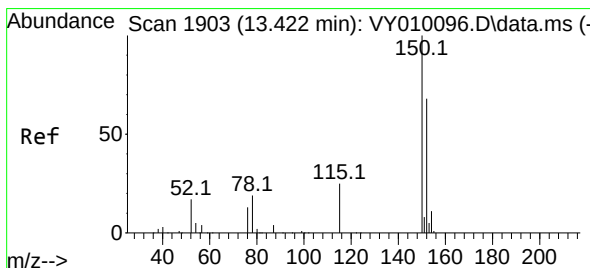
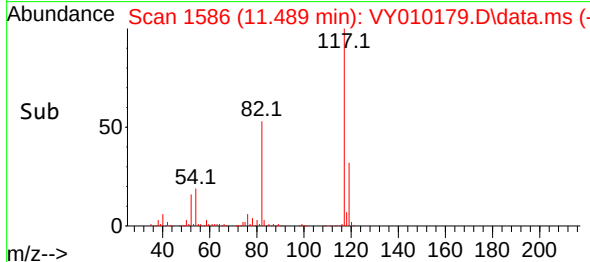
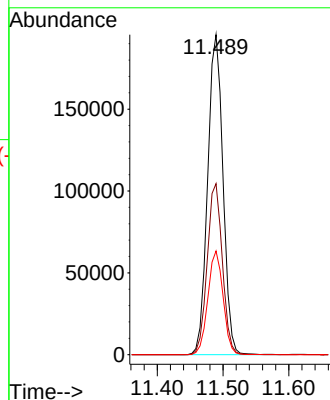
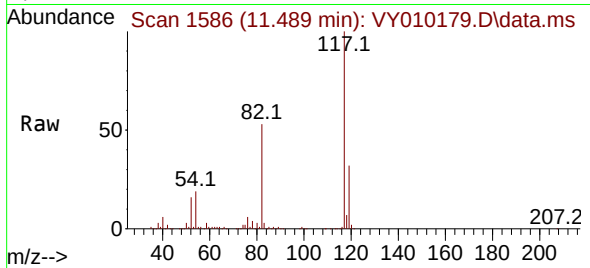




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Instrument :
MSVOA_Y
ClientSampleId :
S14

Tgt Ion:117 Resp: 317134
Ion Ratio Lower Upper
117 100
82 53.4 40.6 61.0
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010179.D
Acq: 23 Aug 2022 20:42

Tgt Ion:152 Resp: 147488
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 156.9 0.0 346.2

