

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010181.D
 Acq On : 23 Aug 2022 21:29
 Operator : KP/MD
 Sample : N4188-19
 Misc : 11.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S7

Quant Time: Aug 24 04:35:45 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	166764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97456	71.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.700%
35) Dibromofluoromethane	7.710	113	86642	49.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.179	98	323218	49.428	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.477	95	102975	44.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.140%

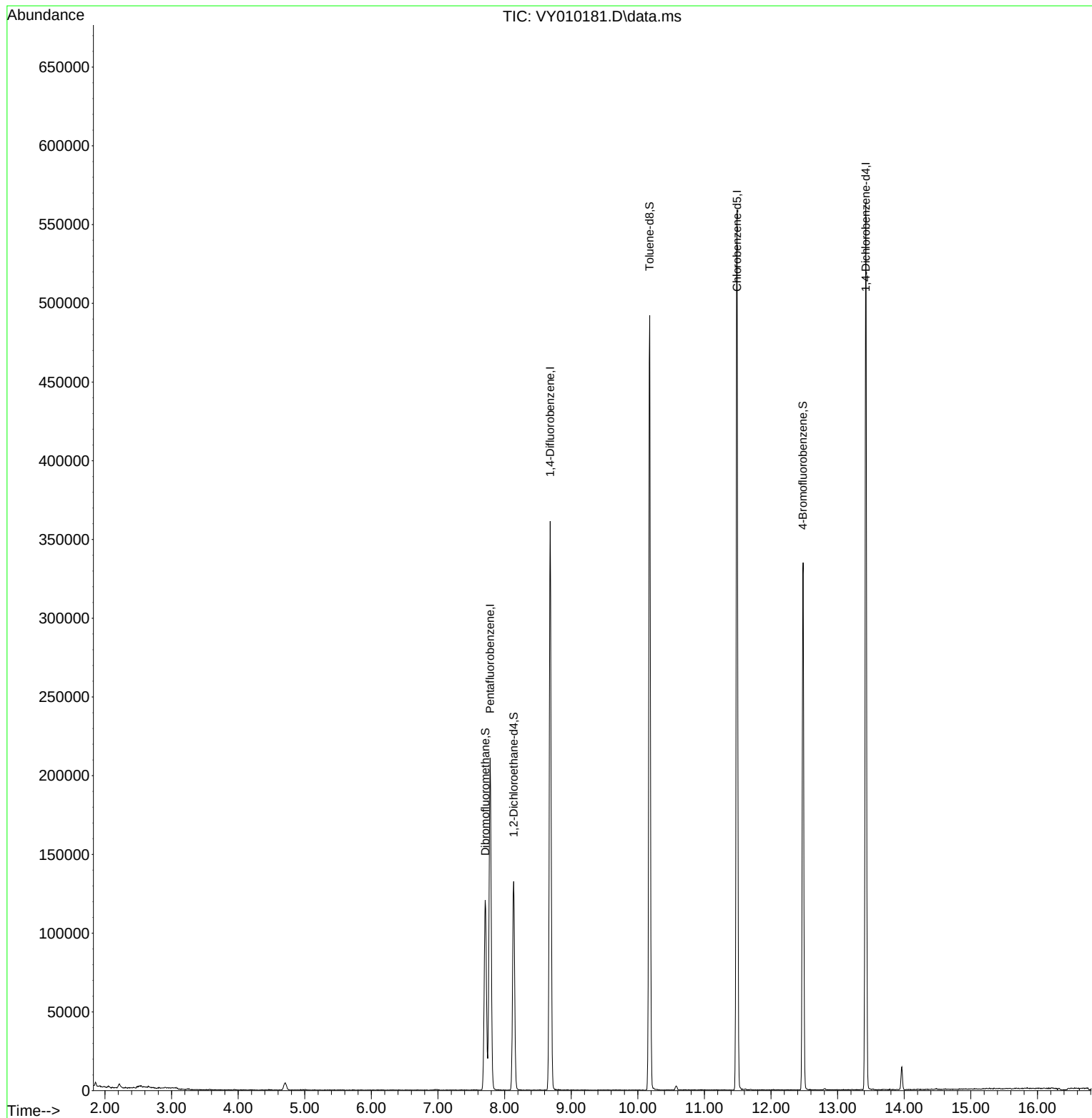
Target Compounds	Qvalue

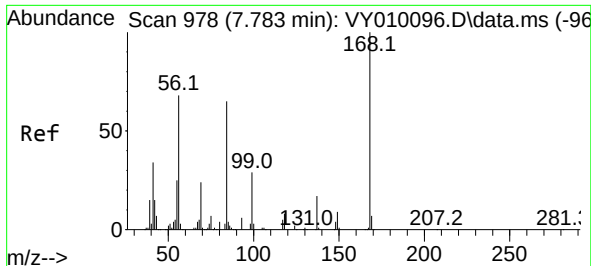
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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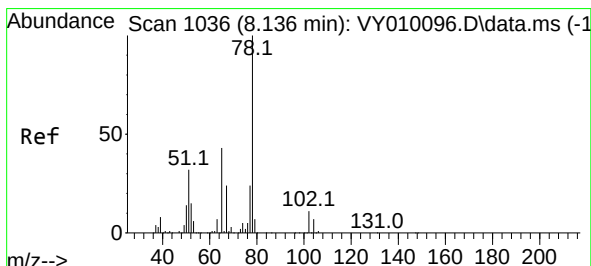
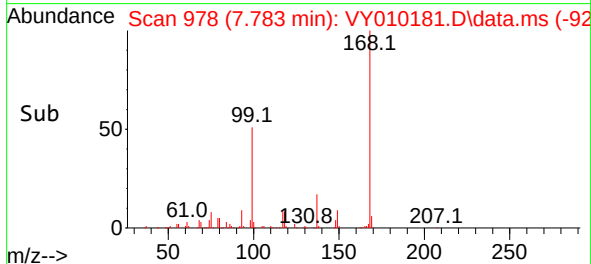
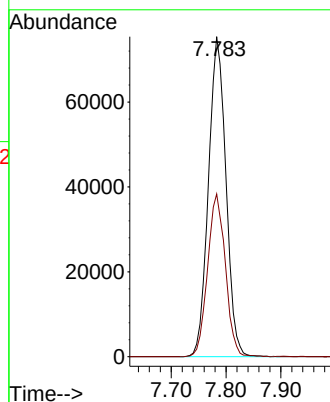
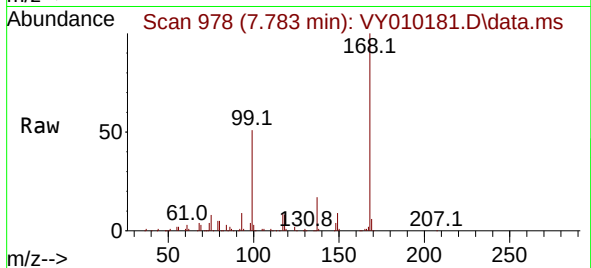




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

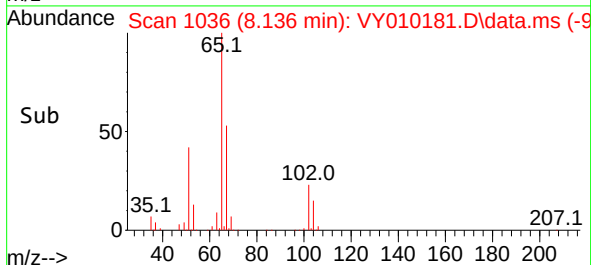
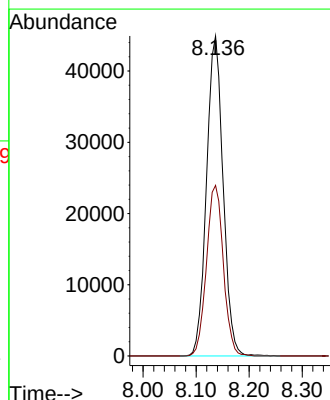
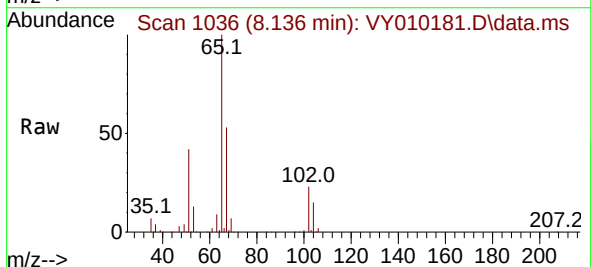
Instrument :
MSVOA_Y
ClientSampleId :
S7

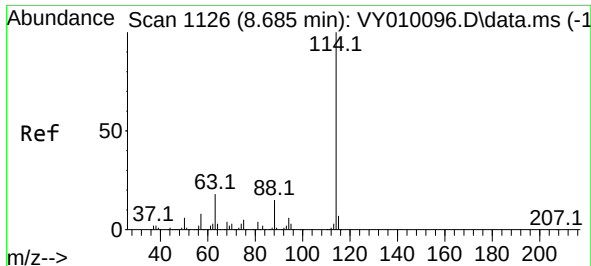
Tgt Ion:168 Resp: 166764
Ion Ratio Lower Upper
168 100
99 50.9 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 71.346 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion: 65 Resp: 97456
Ion Ratio Lower Upper
65 100
67 54.3 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: VY010181.D

Acq: 23 Aug 2022 21:29

Instrument :

MSVOA_Y

ClientSampleId :

S7

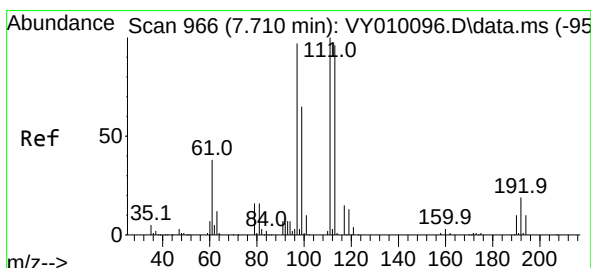
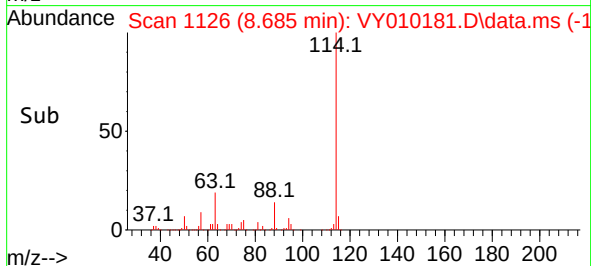
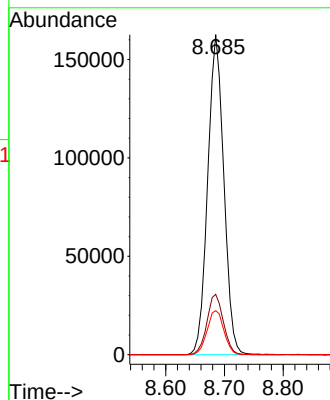
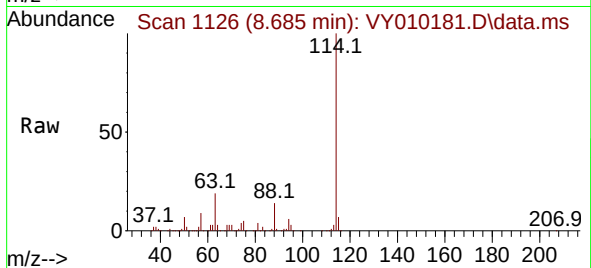
Tgt Ion:114 Resp: 309709

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 13.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.647 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010181.D

Acq: 23 Aug 2022 21:29

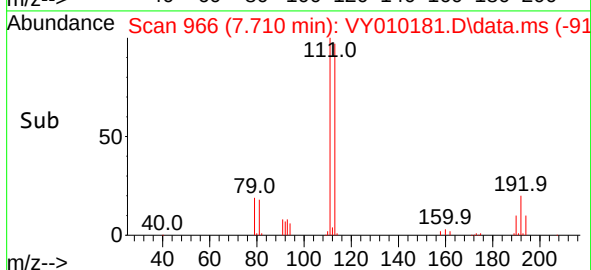
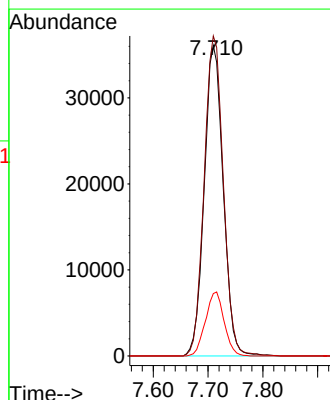
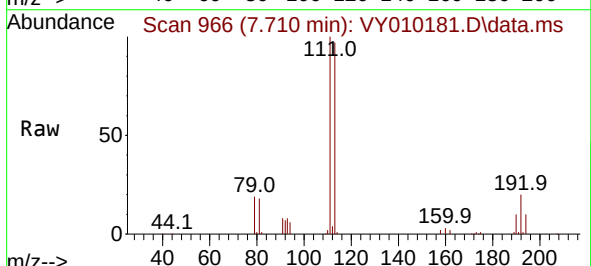
Tgt Ion:113 Resp: 86642

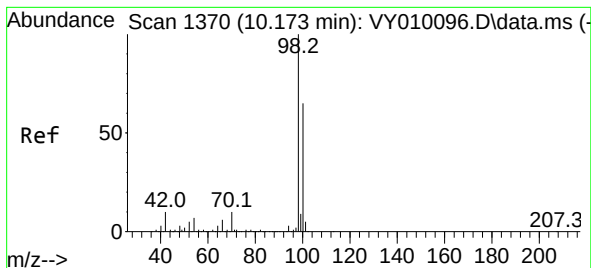
Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 20.3 16.3 24.5





#50

Toluene-d8

Concen: 49.428 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010181.D

Acq: 23 Aug 2022 21:29

Instrument :

MSVOA_Y

ClientSampleId :

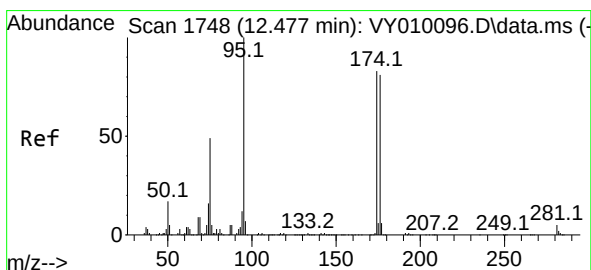
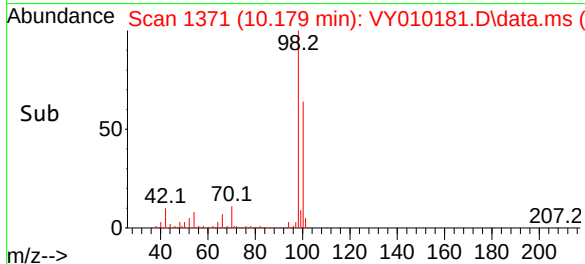
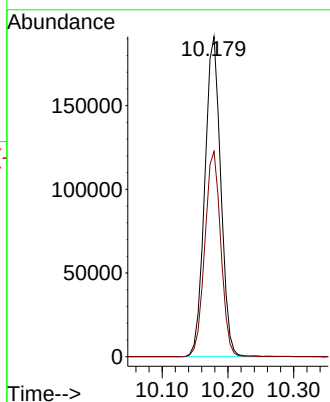
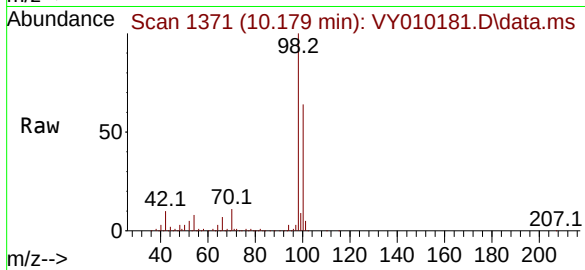
S7

Tgt Ion: 98 Resp: 323218

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.074 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010181.D

Acq: 23 Aug 2022 21:29

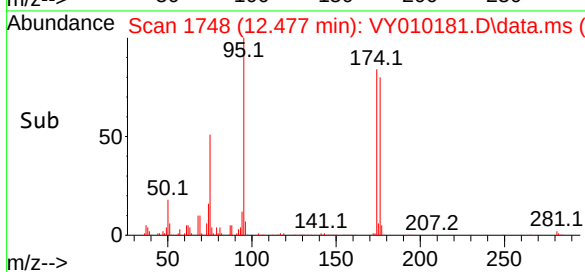
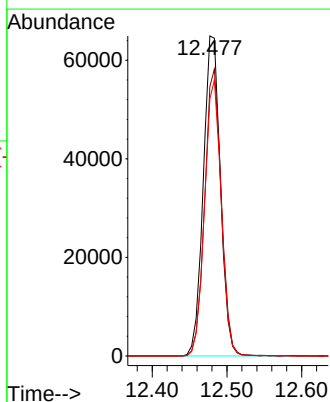
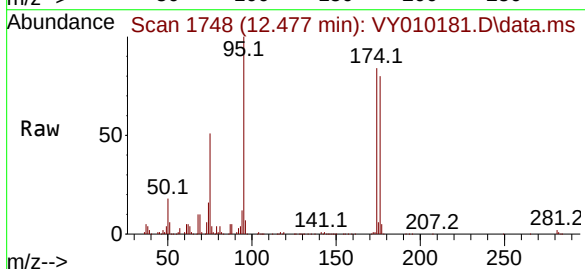
Tgt Ion: 95 Resp: 102975

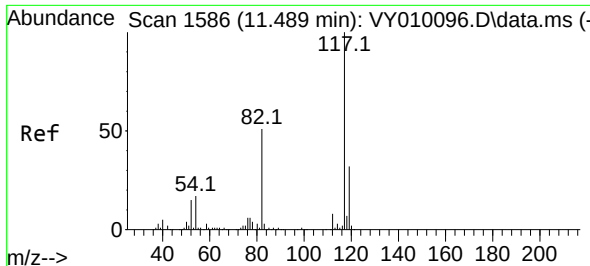
Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.8

176 84.0 0.0 167.2

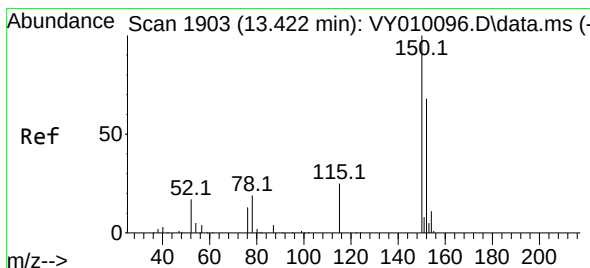
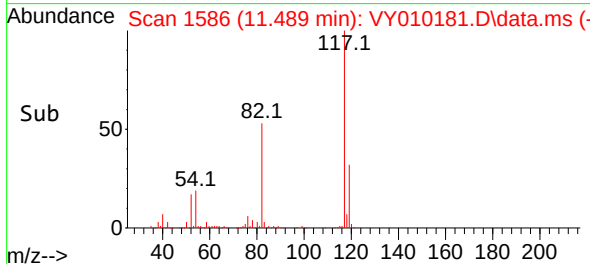
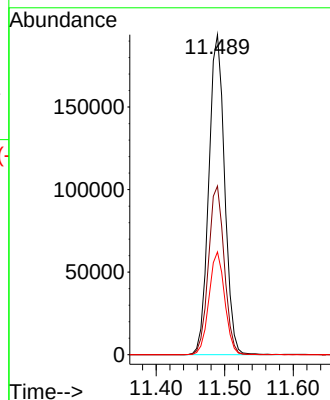
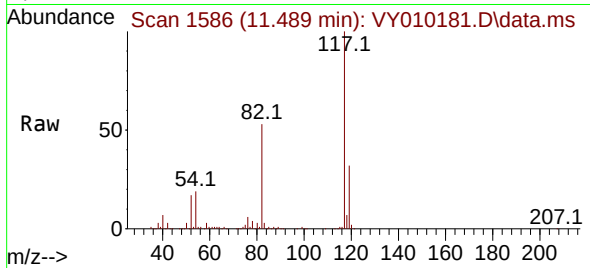




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010181.D
Acq: 23 Aug 2022 21:29

Instrument :
MSVOA_Y
ClientSampleId :
S7

Tgt Ion:117 Resp: 311135
Ion Ratio Lower Upper
117 100
82 52.7 40.6 61.0
119 32.1 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: VY010181.D
Acq: 23 Aug 2022 21:29

Tgt Ion:152 Resp: 144570
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 156.5 0.0 346.2

