

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009671.D
 Acq On : 22 Jul 2022 19:44
 Operator : KP/MD
 Sample : N3839-02
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-1-(10-15)

Quant Time: Jul 23 00:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	169837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92868	57.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.640%
35) Dibromofluoromethane	7.709	113	86123	50.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.172	98	307760	46.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.477	95	102063	47.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	95.900%

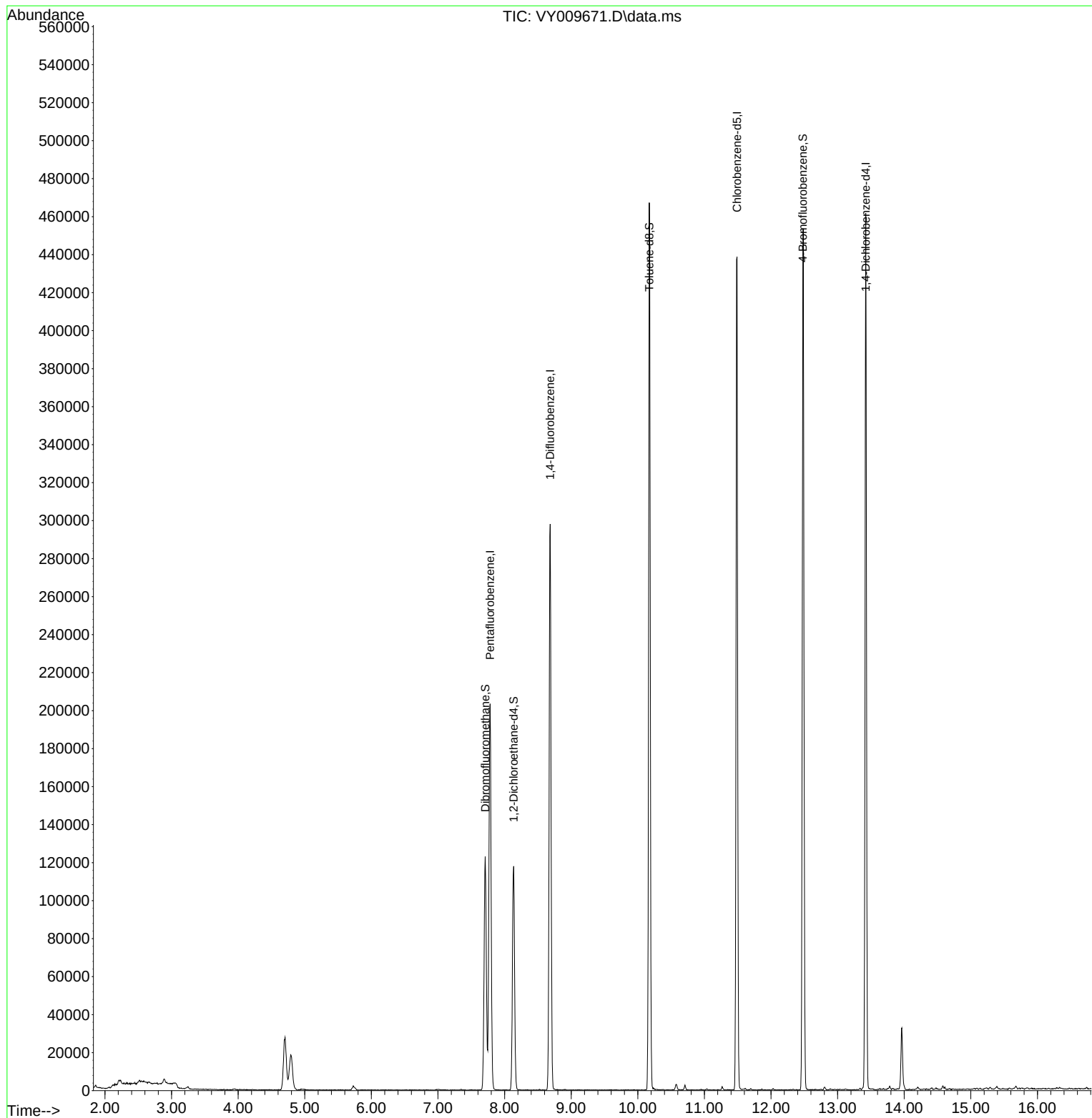
Target Compounds	Qvalue

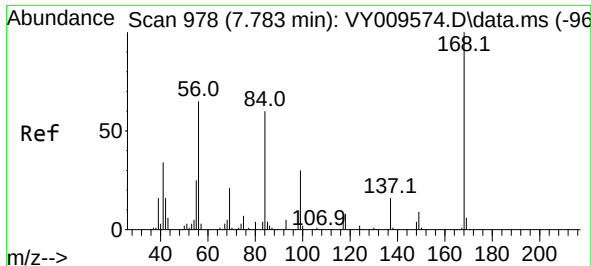
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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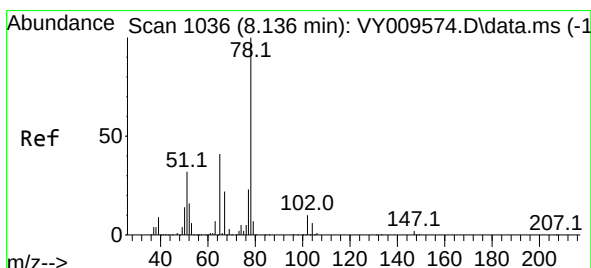
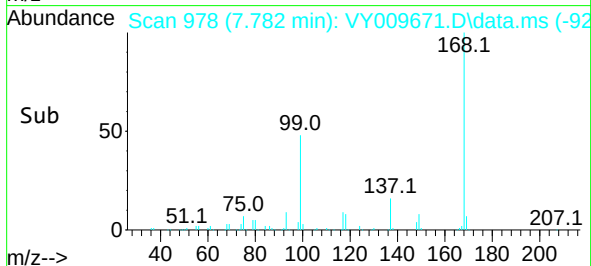
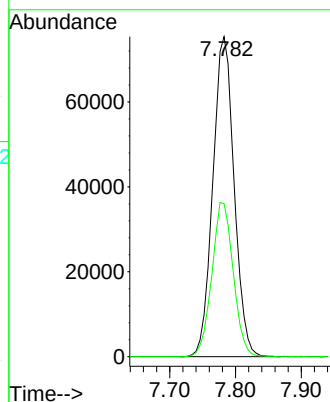
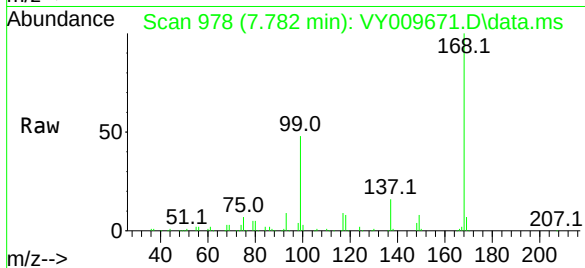




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

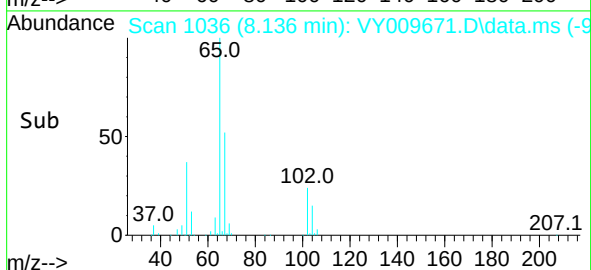
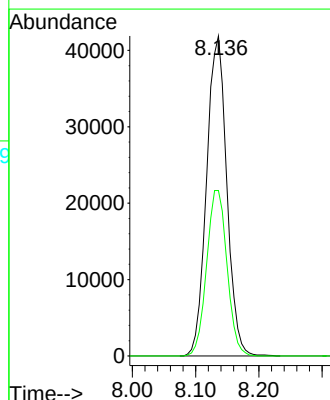
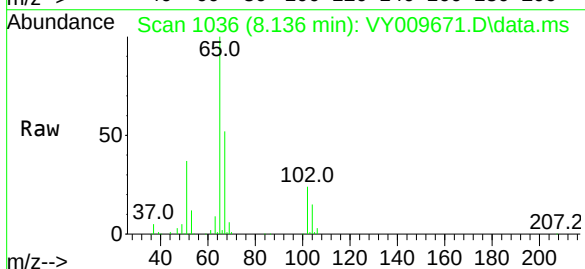
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(10-15)

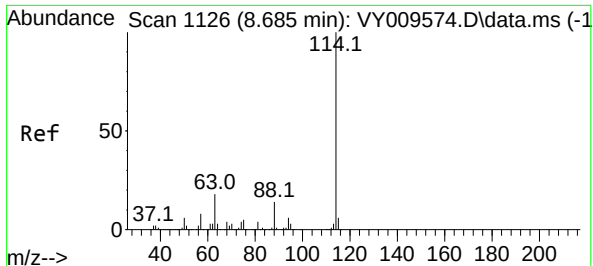
Tgt Ion:168 Resp: 169837
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.817 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 65 Resp: 92868
Ion Ratio Lower Upper
65 100
67 52.2 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: VY009671.D

Acq: 22 Jul 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

ENV-DE-1-(10-15)

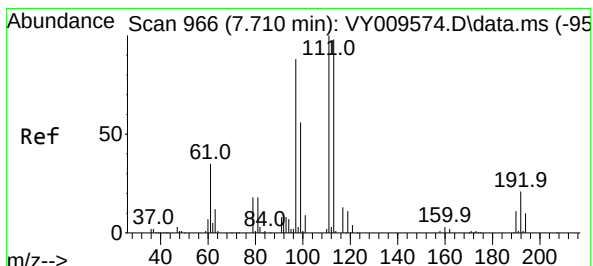
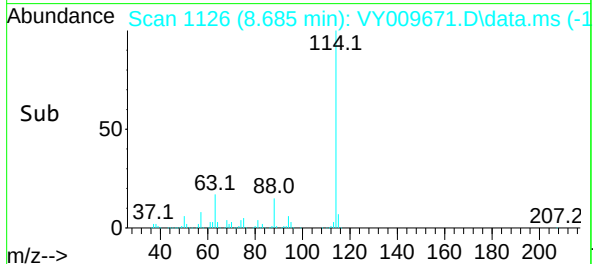
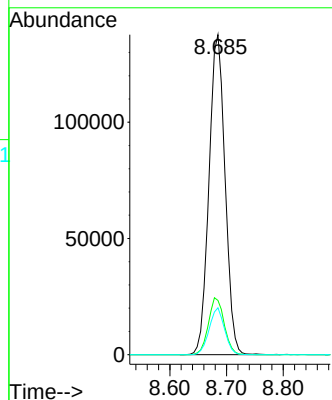
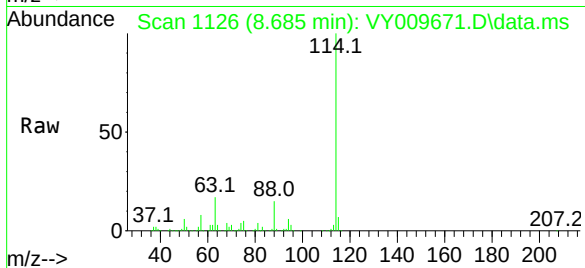
Tgt Ion:114 Resp: 271252

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.397 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009671.D

Acq: 22 Jul 2022 19:44

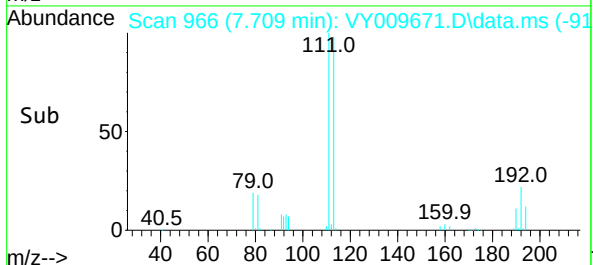
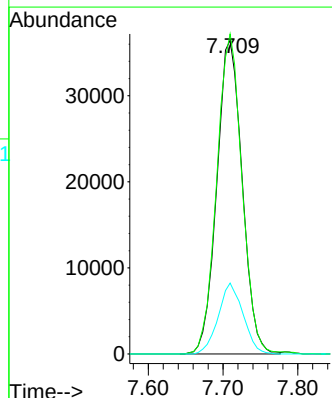
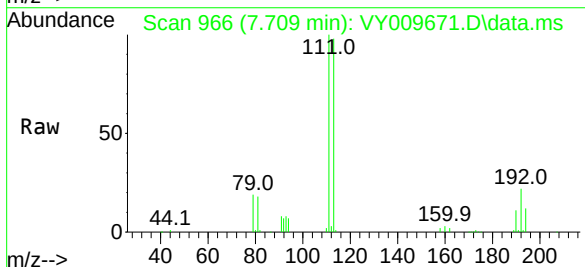
Tgt Ion:113 Resp: 86123

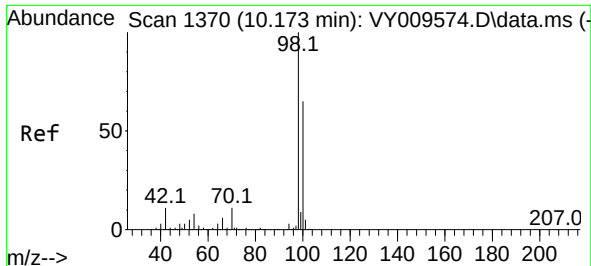
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 22.1 17.6 26.4

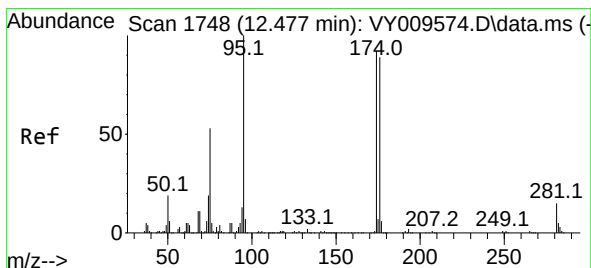
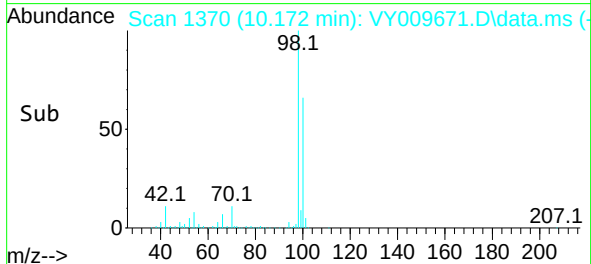
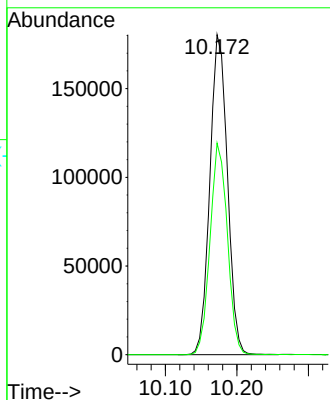
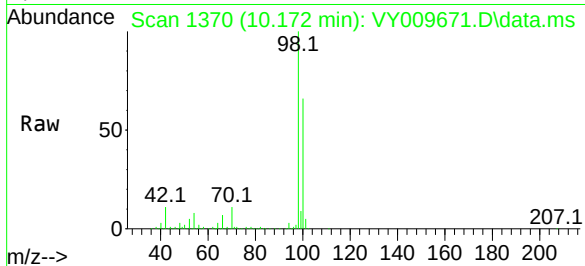




#50
Toluene-d8
Concen: 46.847 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

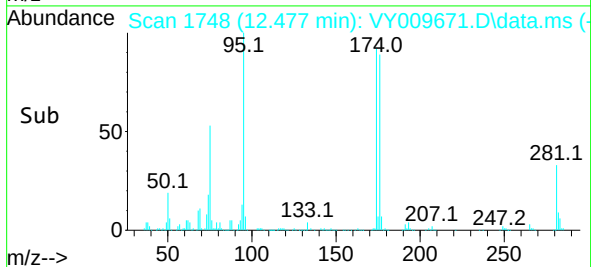
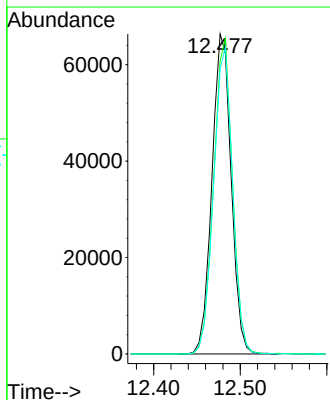
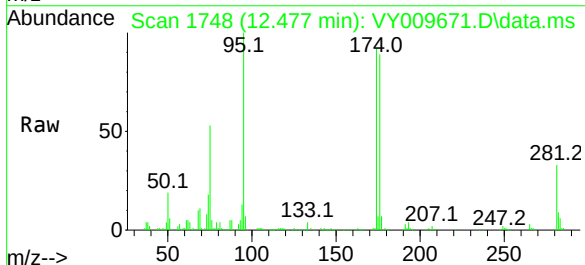
Instrument :
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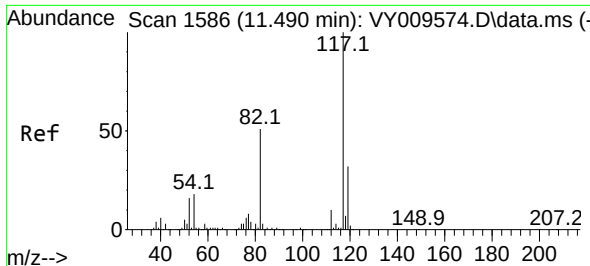
Tgt Ion: 98 Resp: 307760
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.946 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 95 Resp: 102063
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 94.9 0.0 175.8

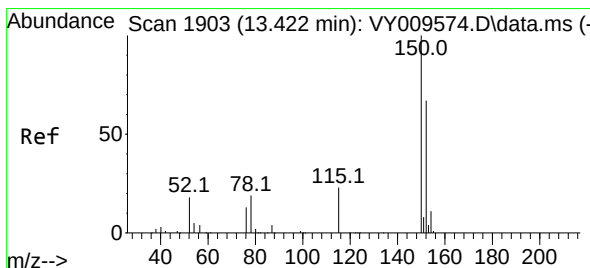
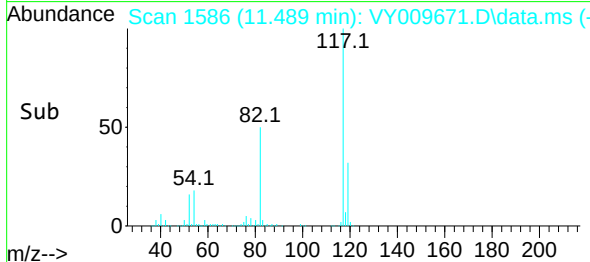
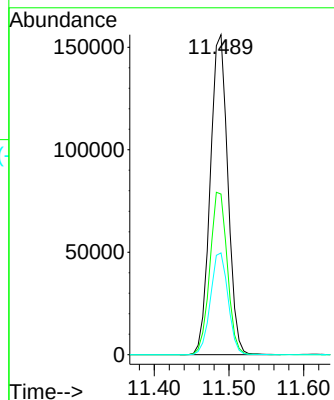
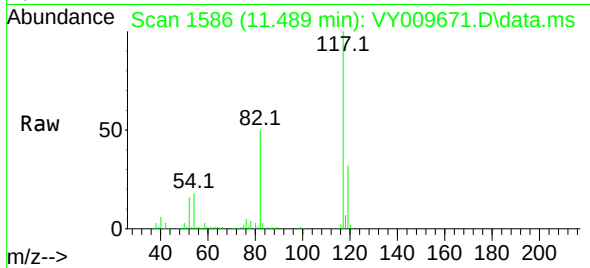




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(10-15)

Tgt Ion:117 Resp: 254686
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 31.8 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: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion:152 Resp: 121953
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 156.6 0.0 347.6

