

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009685.D
 Acq On : 25 Jul 2022 15:02
 Operator : KP/MD
 Sample : N3857-01
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jul 26 05:56:50 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	7.783	168	220302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118773	57.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.710	113	113129	50.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.173	98	408487	47.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.477	95	114631	40.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	81.720%

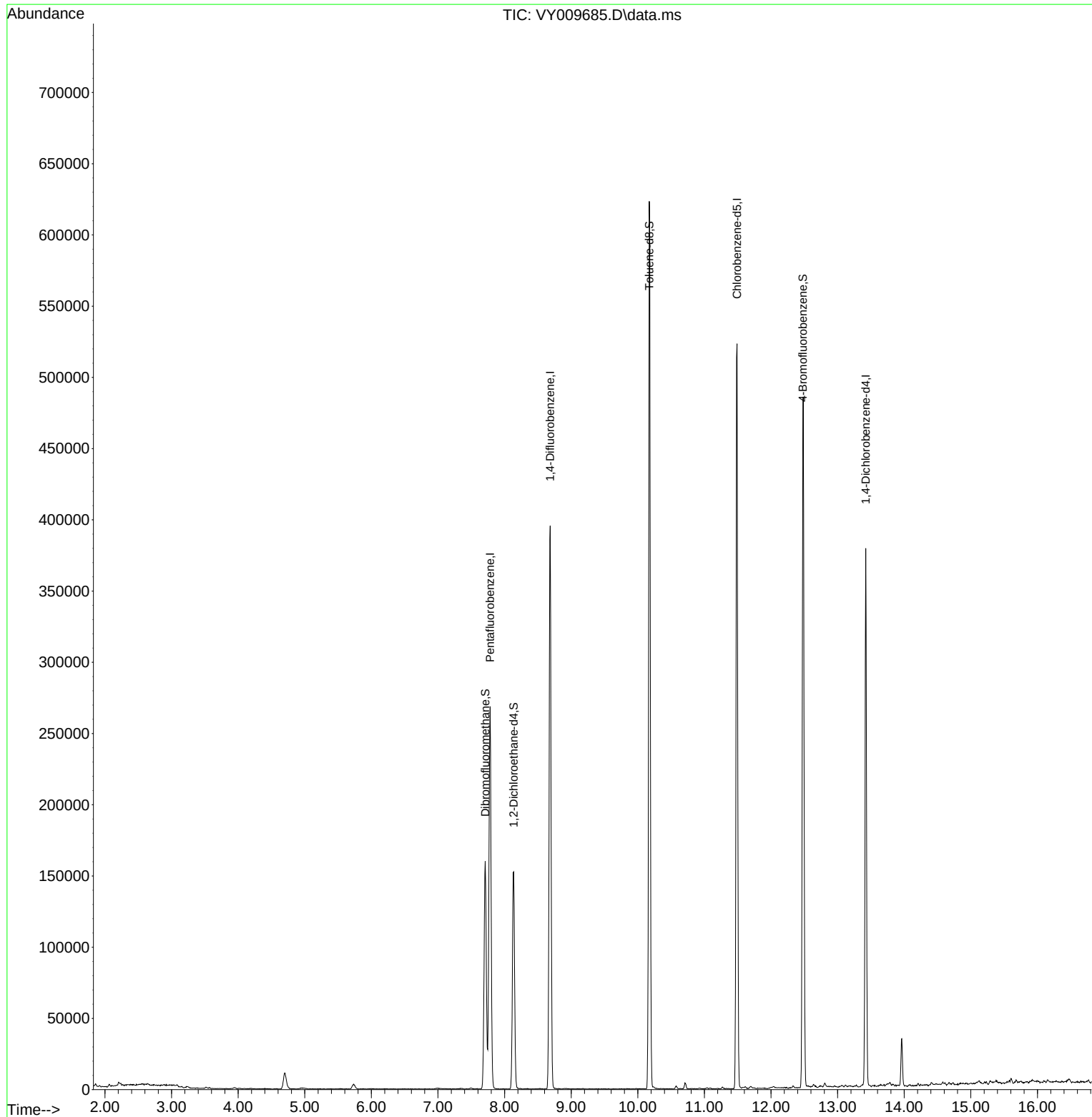
Target Compounds	Qvalue

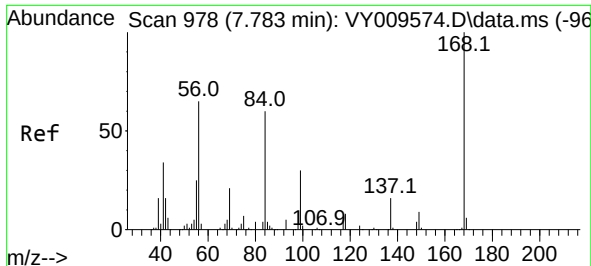
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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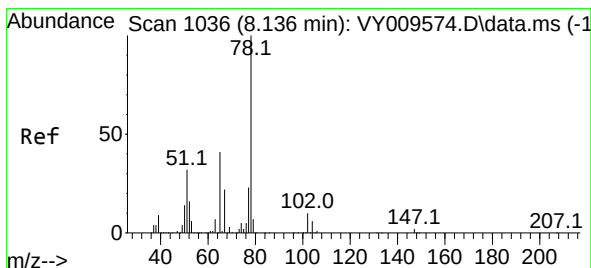
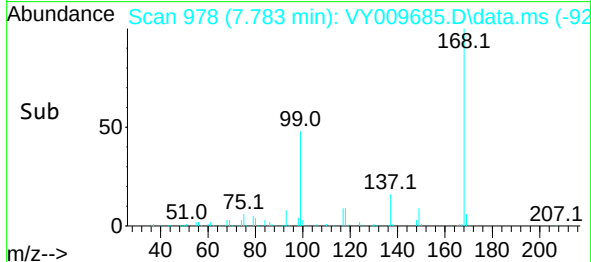
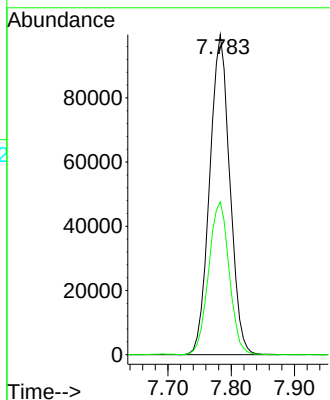
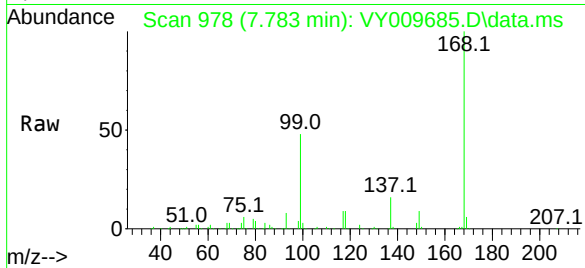




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009685.D
Acq: 25 Jul 2022 15:02

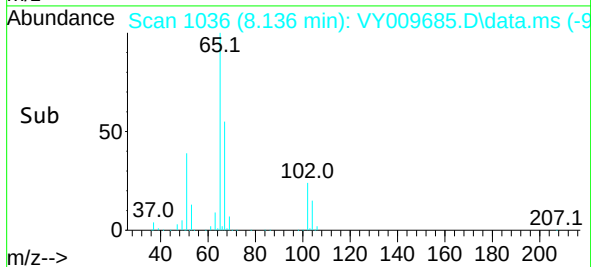
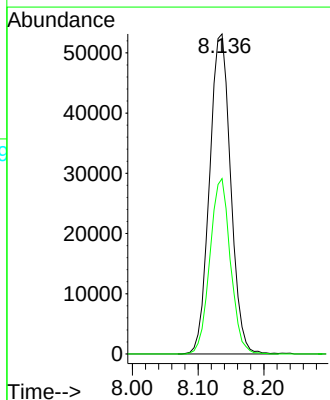
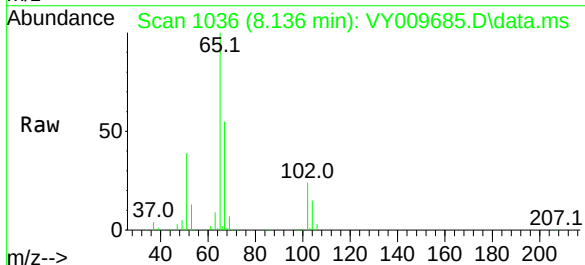
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

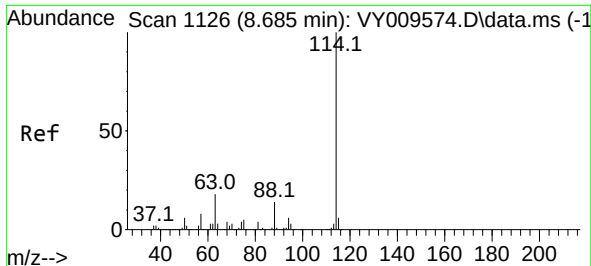
Tgt Ion:168 Resp: 220302
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.006 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009685.D
Acq: 25 Jul 2022 15:02

Tgt Ion: 65 Resp: 118773
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009685.D

Acq: 25 Jul 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

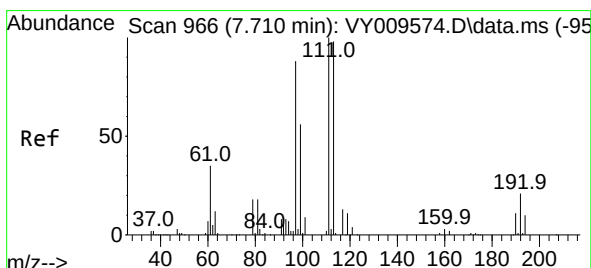
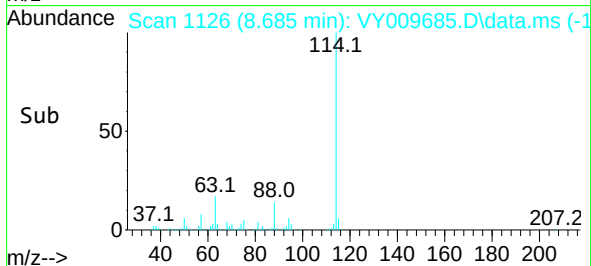
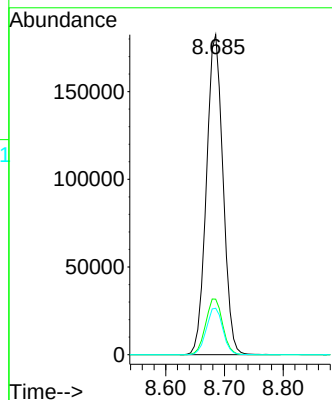
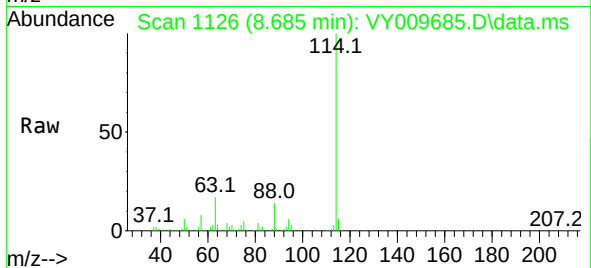
Tgt Ion:114 Resp: 357469

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009685.D

Acq: 25 Jul 2022 15:02

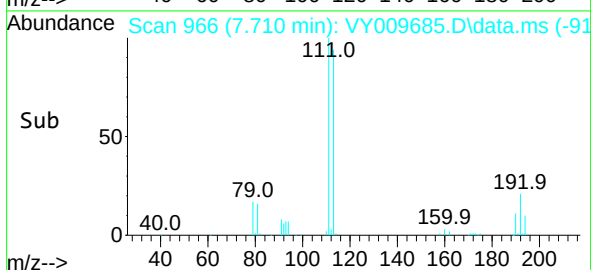
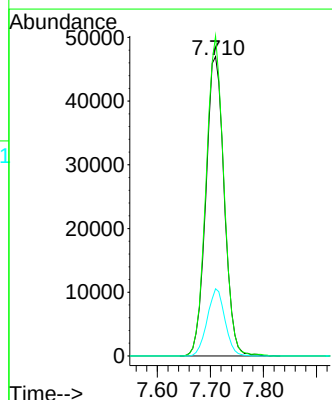
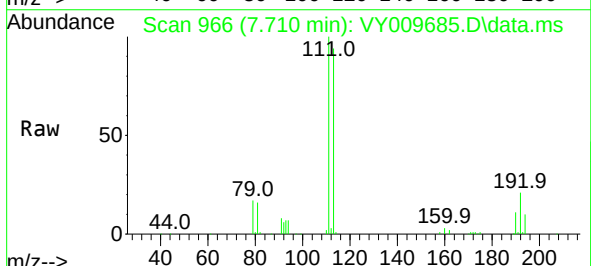
Tgt Ion:113 Resp: 113129

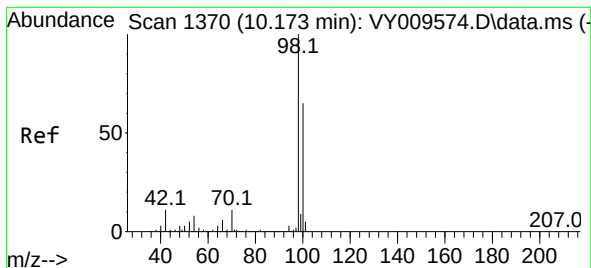
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.6 17.6 26.4

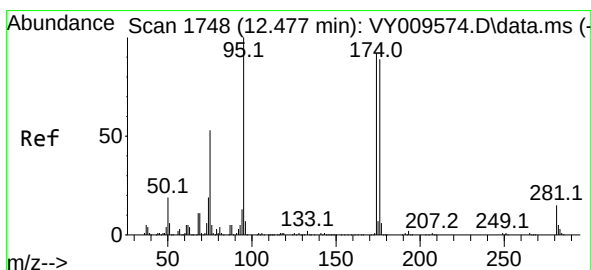
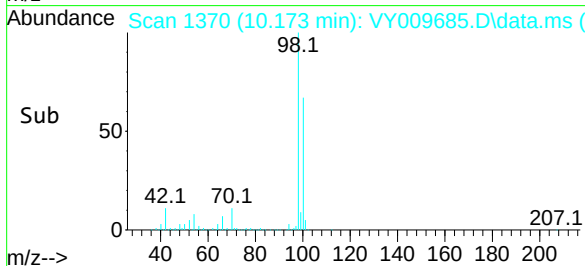
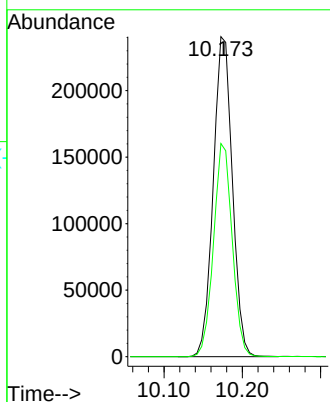
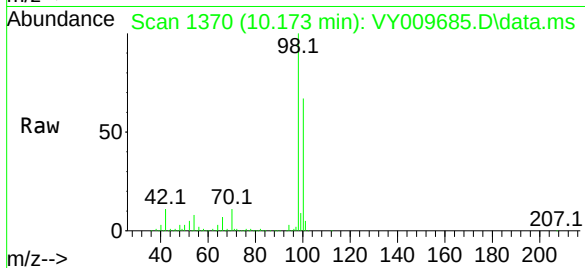




#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009685.D
Acq: 25 Jul 2022 15:02

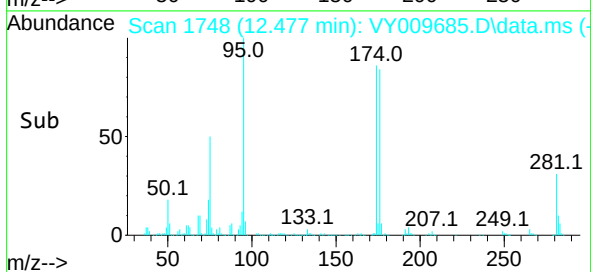
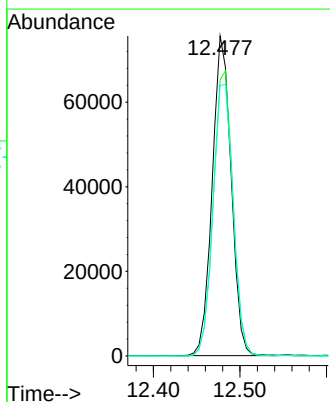
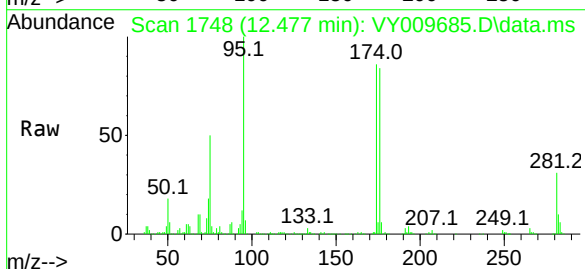
Instrument :
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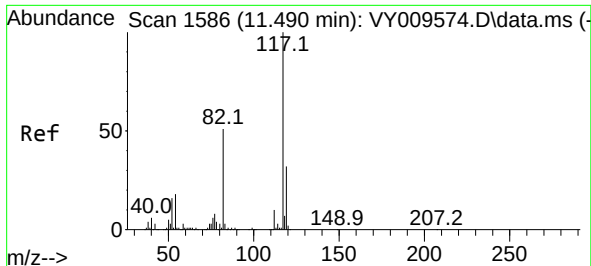
Tgt Ion: 98 Resp: 408487
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.862 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009685.D
Acq: 25 Jul 2022 15:02

Tgt Ion: 95 Resp: 114631
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 90.4 0.0 175.8

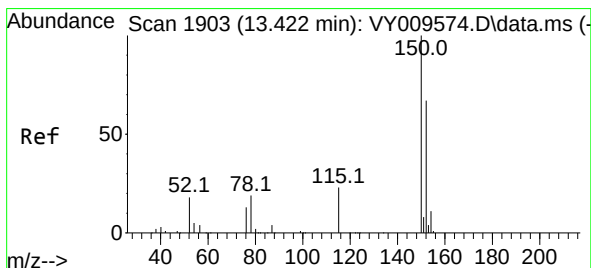
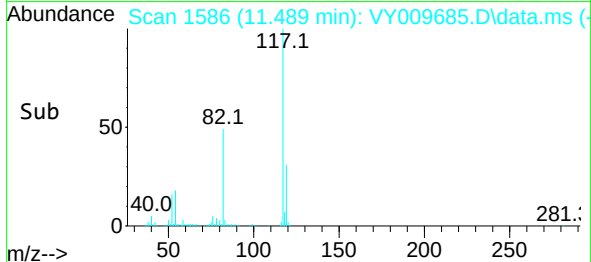
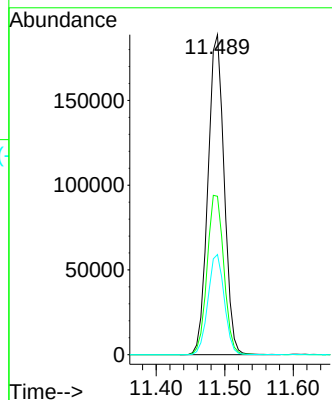
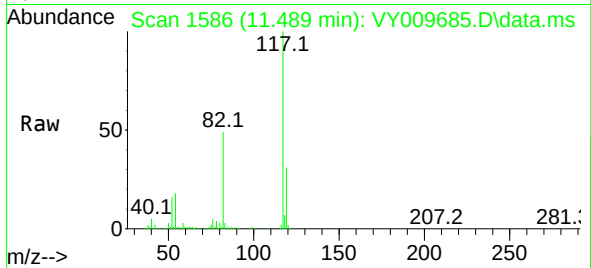




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009685.D
Acq: 25 Jul 2022 15:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 310166
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 31.3 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: VY009685.D
Acq: 25 Jul 2022 15:02

Tgt Ion:152 Resp: 100762
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 156.3 0.0 347.6

