

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009643.D
 Acq On : 21 Jul 2022 19:11
 Operator : KP/MD
 Sample : N3833-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-072122

Quant Time: Jul 22 02:31:29 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	140338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	218706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	65984	49.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.420%
35) Dibromofluoromethane	7.710	113	69229	50.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.173	98	250043	47.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.477	95	74988	43.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	87.380%

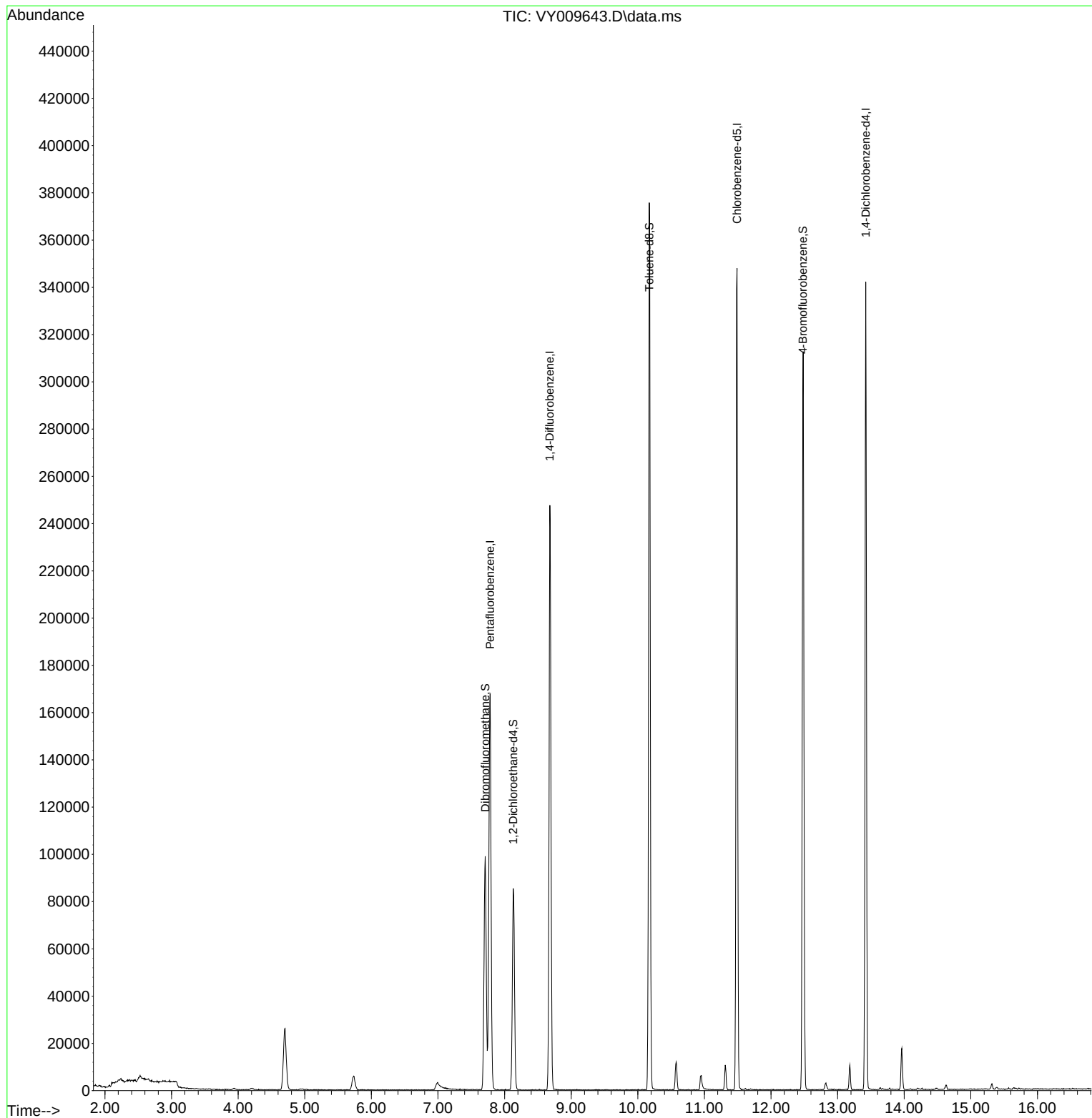
Target Compounds	Qvalue

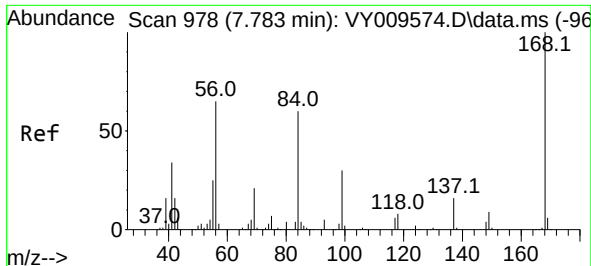
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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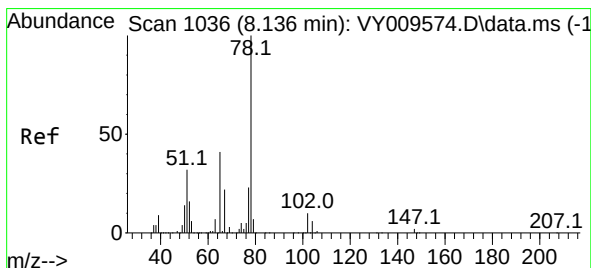
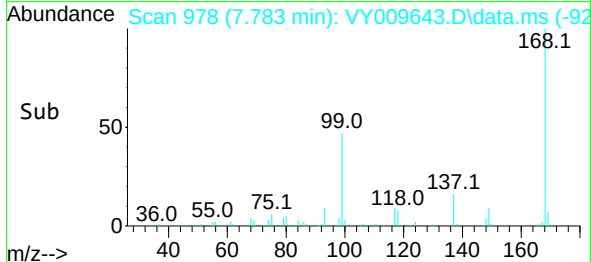
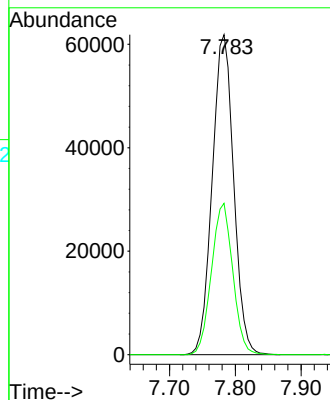
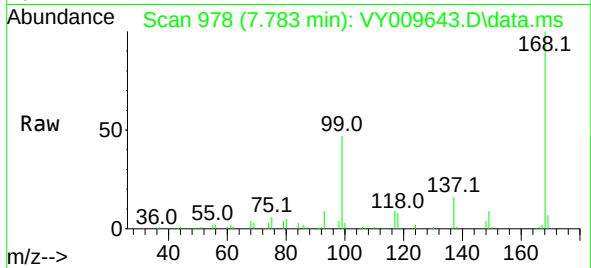




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

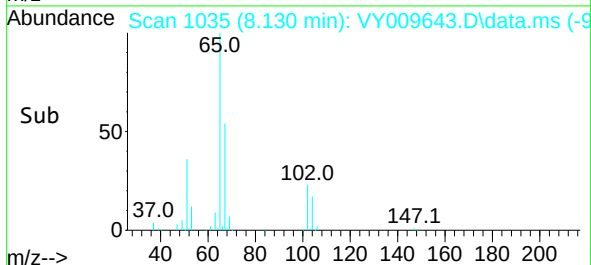
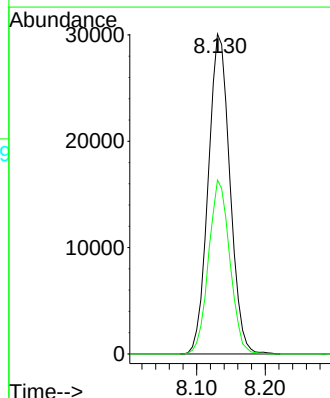
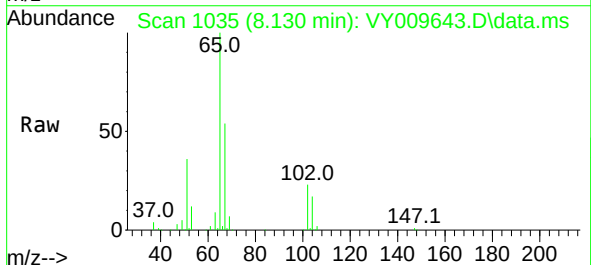
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-072122

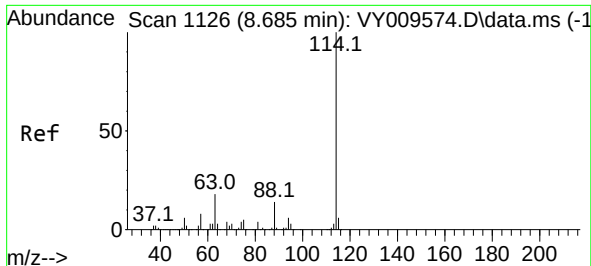
Tgt Ion:168 Resp: 140338
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.715 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 65 Resp: 65984
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009643.D

Acq: 21 Jul 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-072122

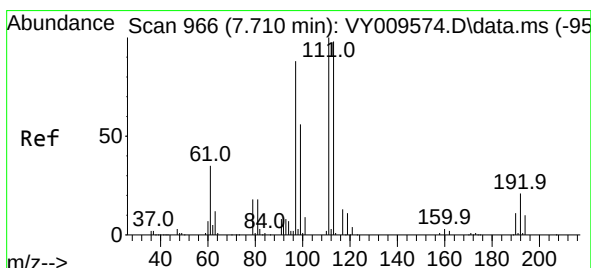
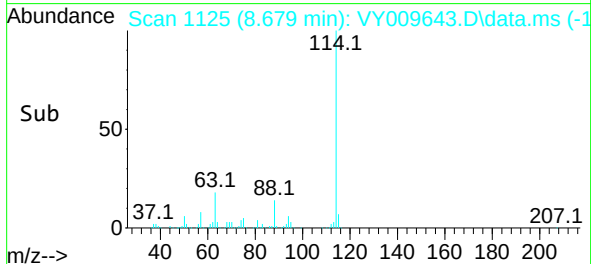
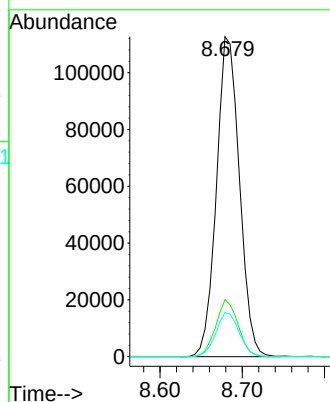
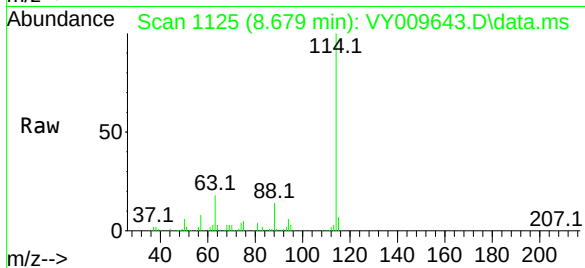
Tgt Ion:114 Resp: 218706

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.245 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009643.D

Acq: 21 Jul 2022 19:11

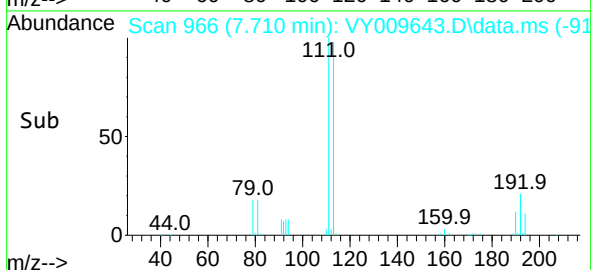
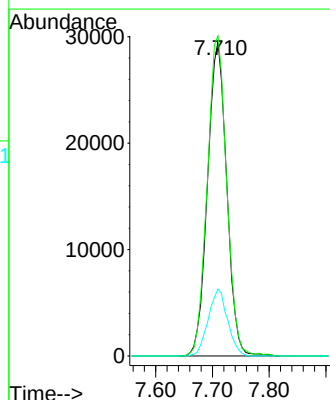
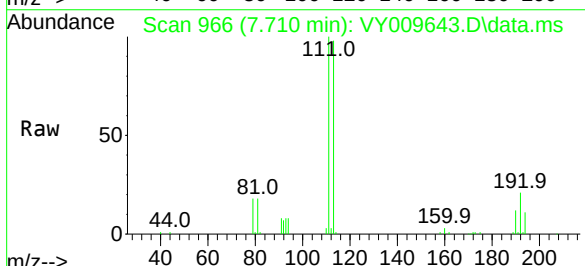
Tgt Ion:113 Resp: 69229

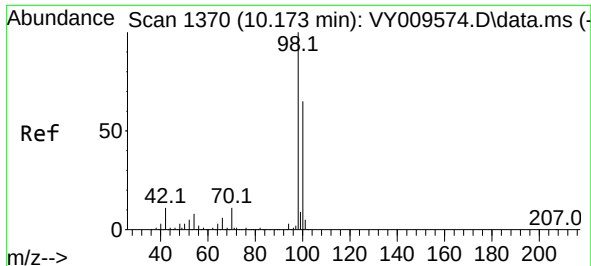
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 21.4 17.6 26.4

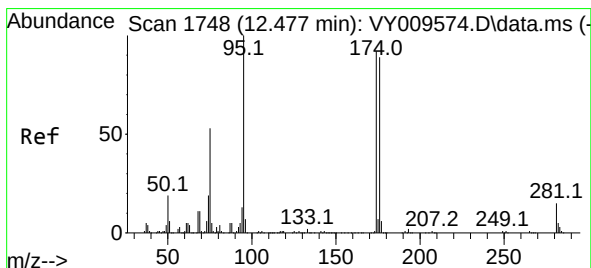
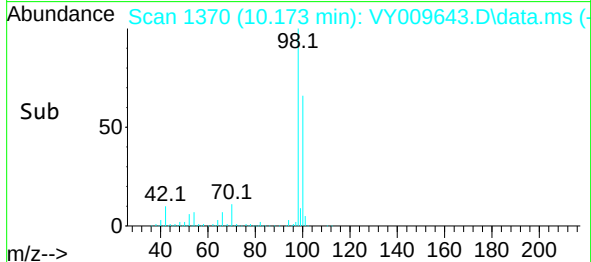
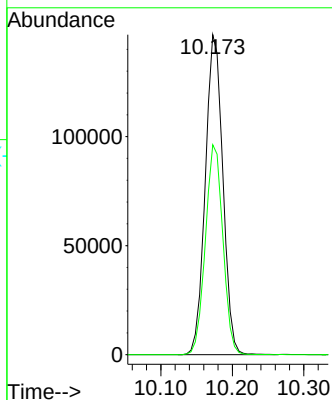
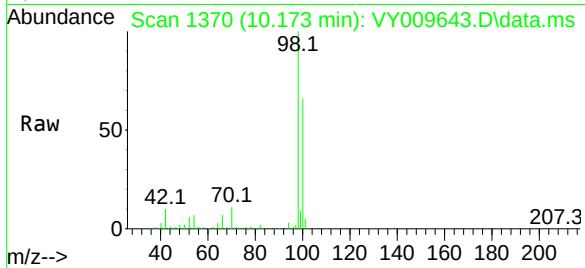




#50
Toluene-d8
Concen: 47.206 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

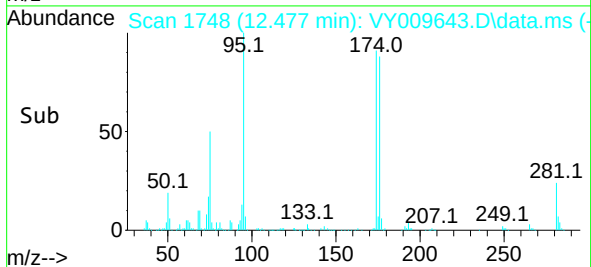
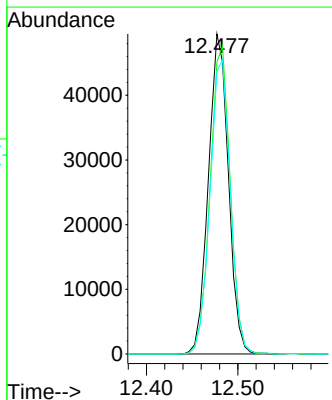
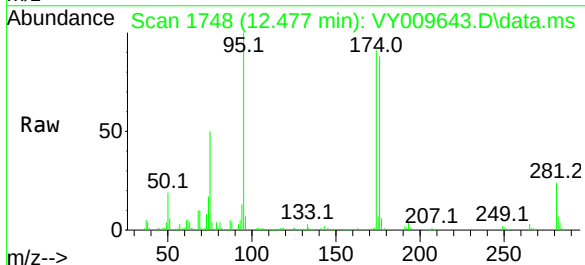
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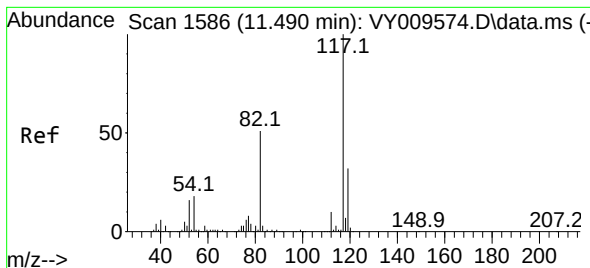
Tgt Ion: 98 Resp: 250043
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.691 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion: 95 Resp: 74988
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.6 0.0 175.8

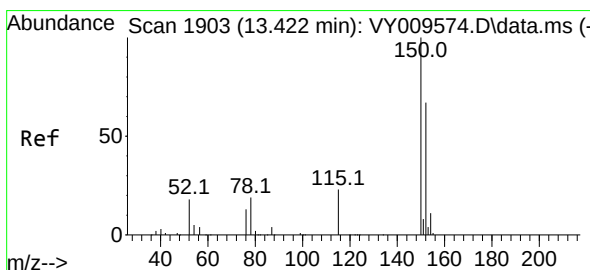
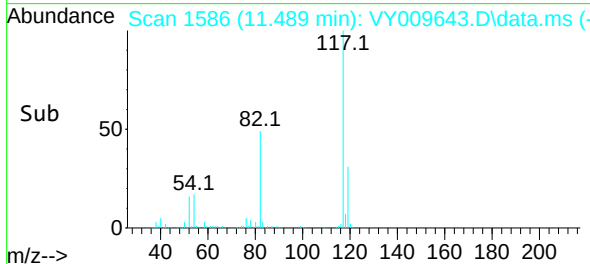
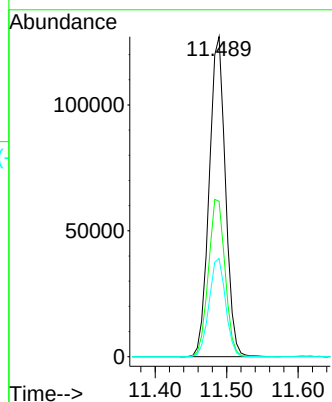
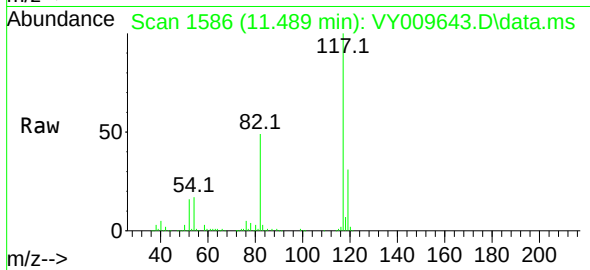




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009643.D
Acq: 21 Jul 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-072122

Tgt Ion:117 Resp: 200163
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 30.7 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: VY009643.D
Acq: 21 Jul 2022 19:11

Tgt Ion:152 Resp: 90185
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 157.3 0.0 347.6

