

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009533.D
 Acq On : 12 Jul 2022 15:25
 Operator : KP/MD
 Sample : N3643-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-070822

Quant Time: Jul 13 01:15:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	142713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	227158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	204477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50613	50.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.710	113	55075	46.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.160%
50) Toluene-d8	10.173	98	148025	44.234	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.477	95	73604	43.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	87.260%

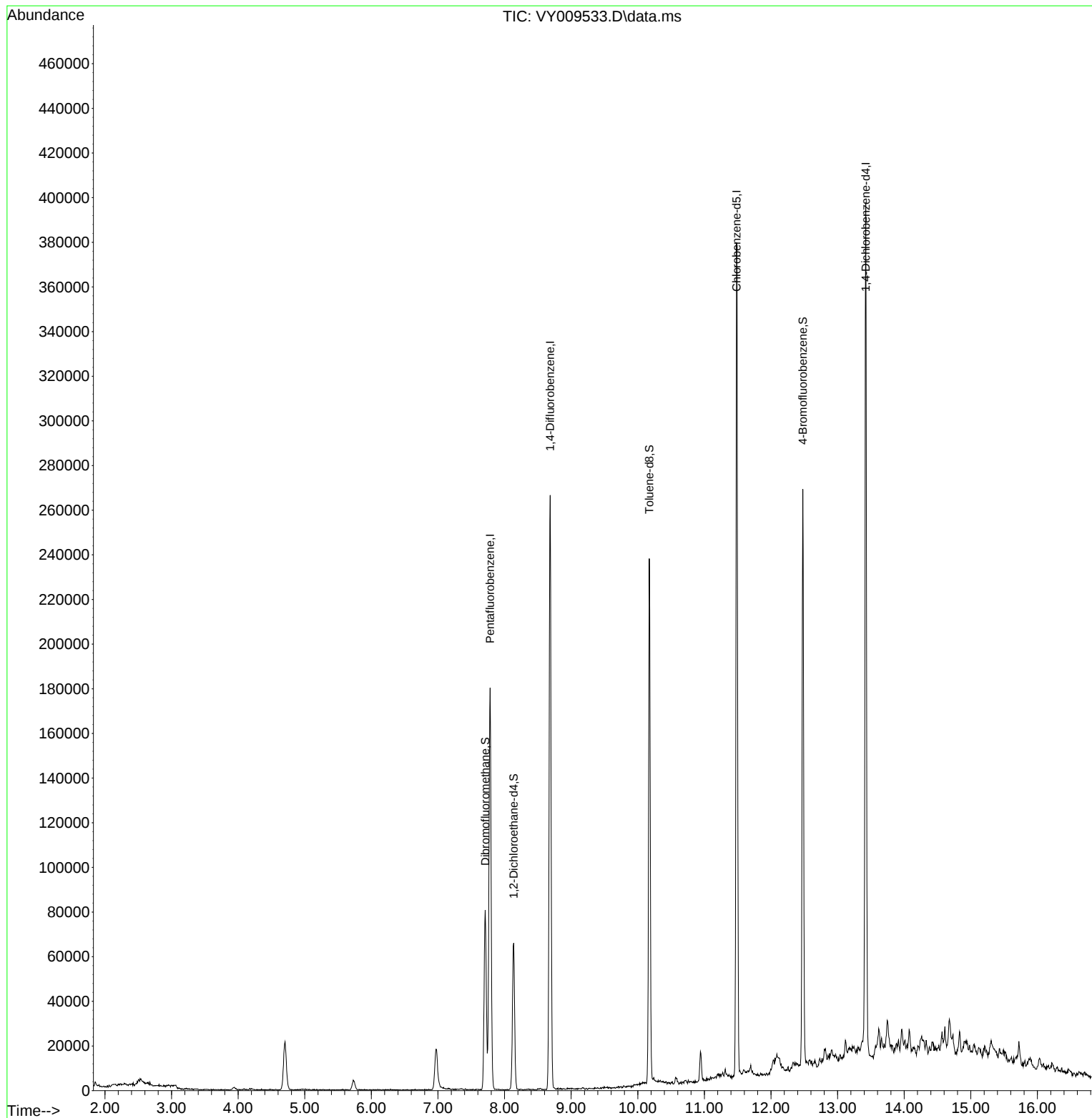
Target Compounds	Qvalue

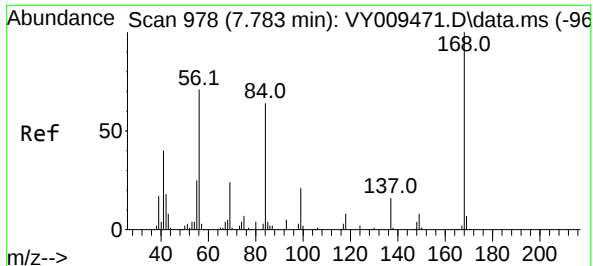
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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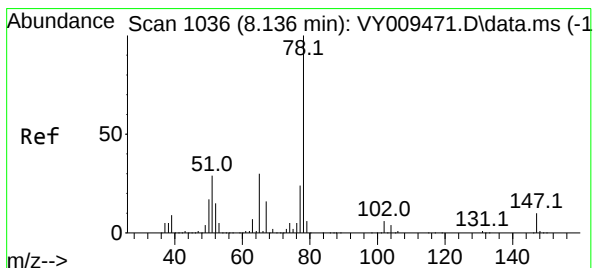
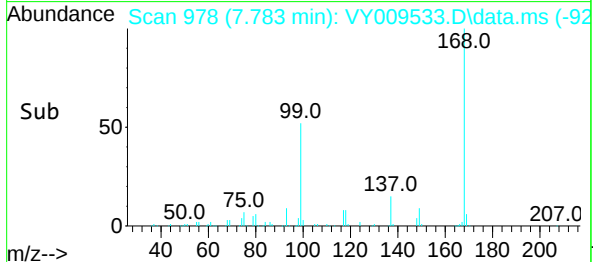
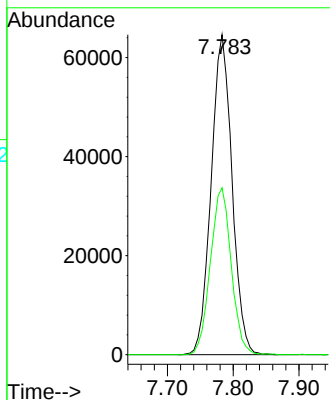
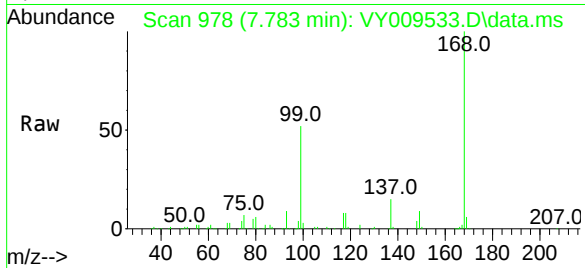




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009533.D
Acq: 12 Jul 2022 15:25

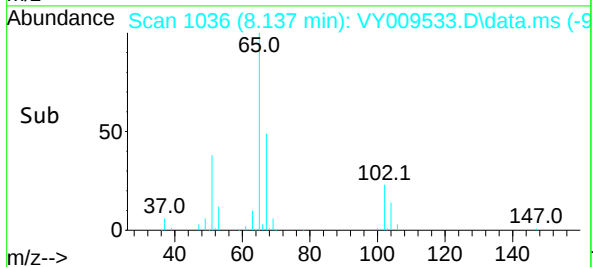
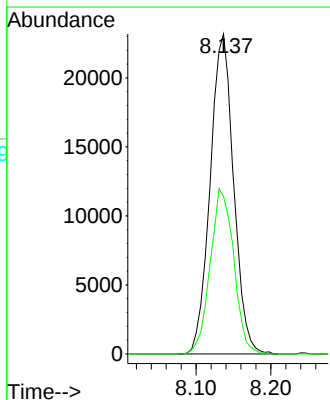
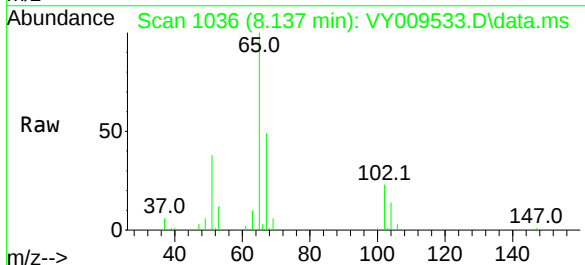
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070822

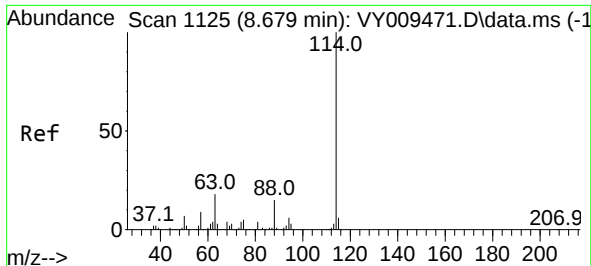
Tgt Ion:168 Resp: 142713
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.398 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009533.D
Acq: 12 Jul 2022 15:25

Tgt Ion: 65 Resp: 50613
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009533.D

Acq: 12 Jul 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-070822

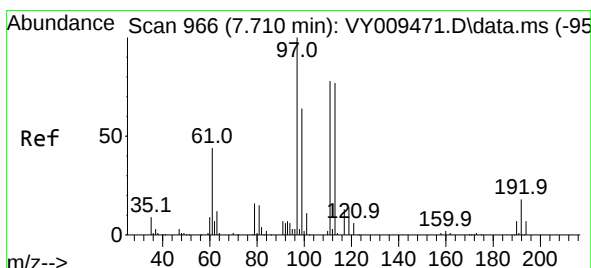
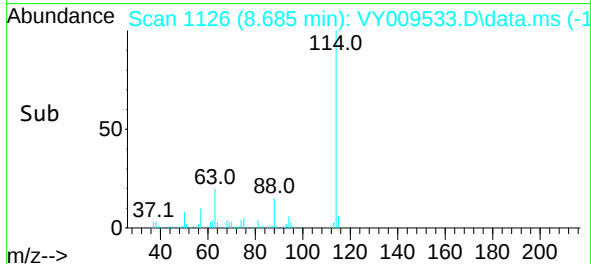
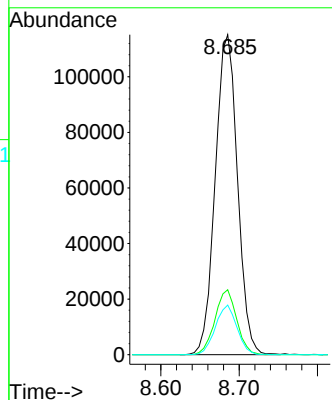
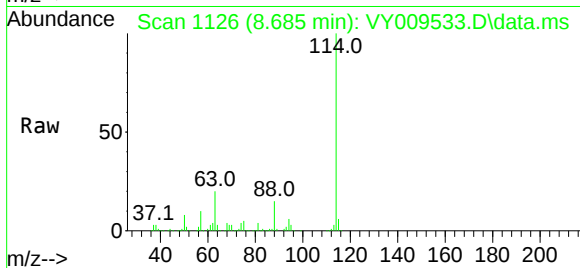
Tgt Ion:114 Resp: 227158

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.079 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009533.D

Acq: 12 Jul 2022 15:25

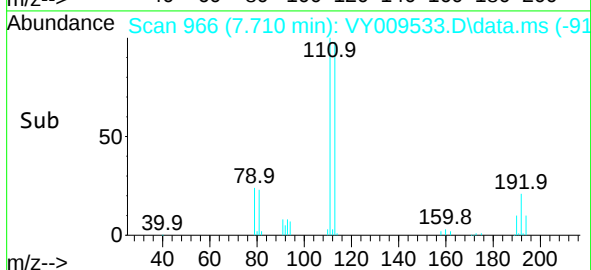
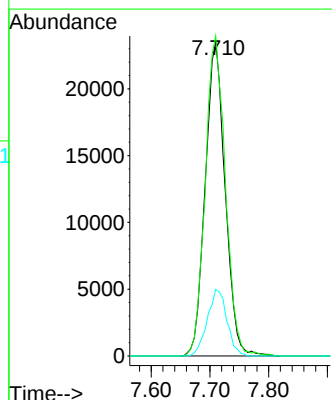
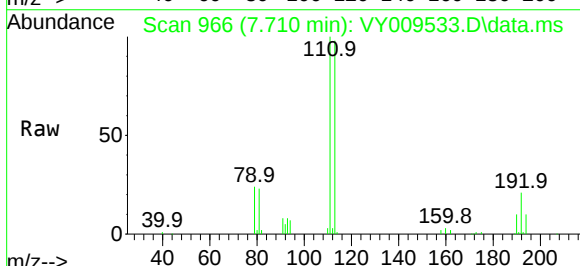
Tgt Ion:113 Resp: 55075

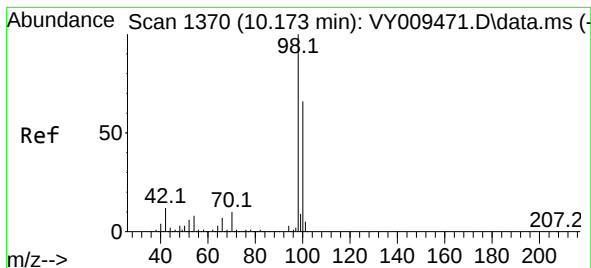
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 20.9 17.6 26.4

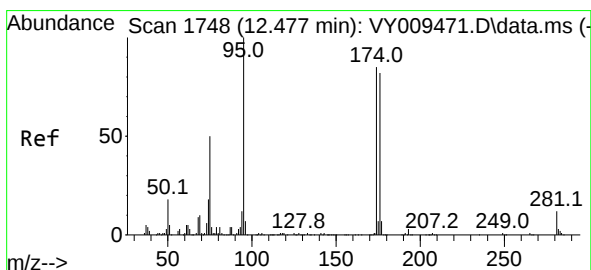
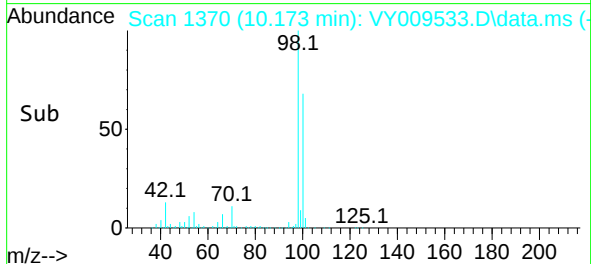
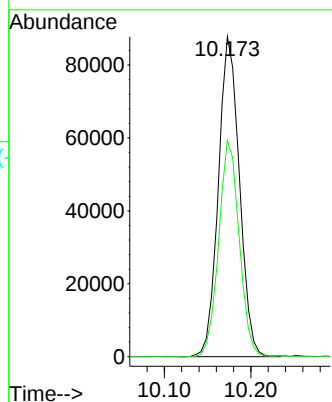
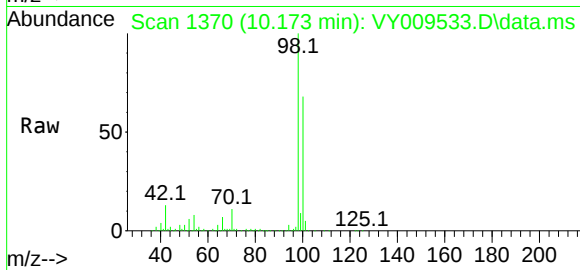




#50
Toluene-d8
Concen: 44.234 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009533.D
Acq: 12 Jul 2022 15:25

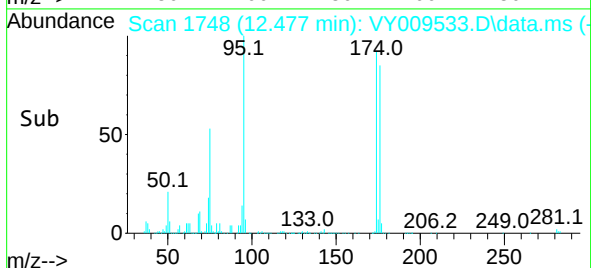
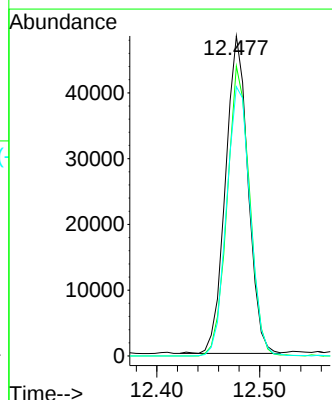
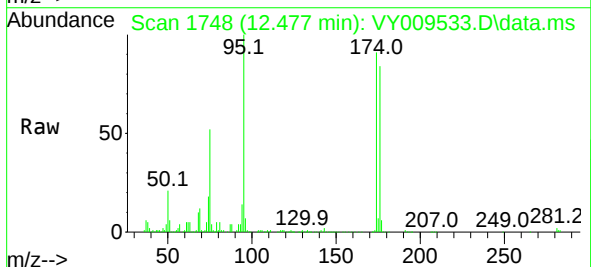
Instrument :
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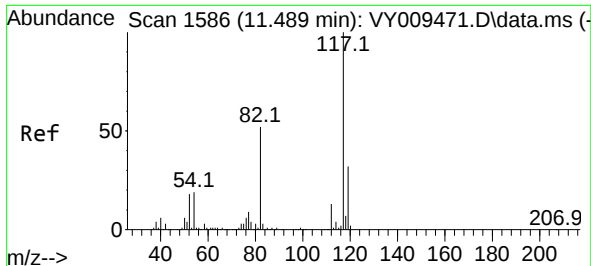
Tgt Ion: 98 Resp: 148025
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.626 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009533.D
Acq: 12 Jul 2022 15:25

Tgt Ion: 95 Resp: 73604
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 88.8 0.0 175.8

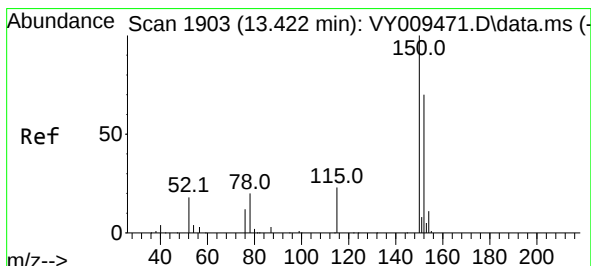
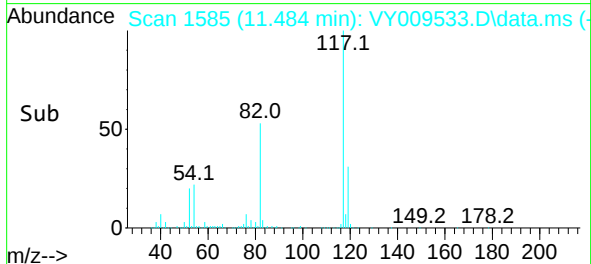
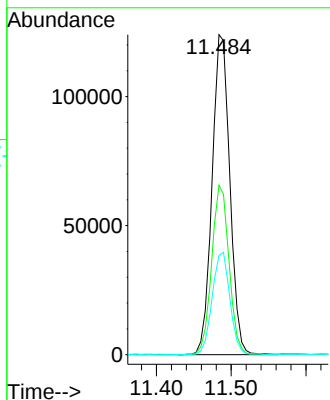
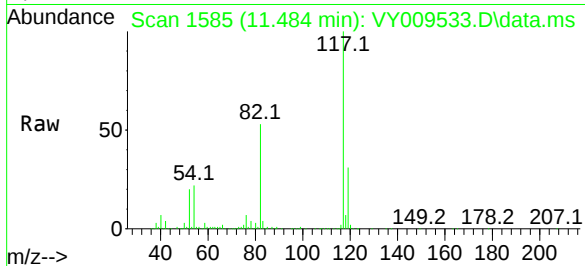




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY009533.D
Acq: 12 Jul 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070822

Tgt Ion:117 Resp: 204477
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.0 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: VY009533.D
Acq: 12 Jul 2022 15:25

Tgt Ion:152 Resp: 94965
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 158.2 0.0 347.6

