

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009510.D
 Acq On : 11 Jul 2022 15:10
 Operator : KP/MD
 Sample : N3589-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Quant Time: Jul 12 05:03:19 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	128322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44270	48.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.716	113	48187	45.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.840%
50) Toluene-d8	10.173	98	132851	45.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.477	95	61726	41.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.340%

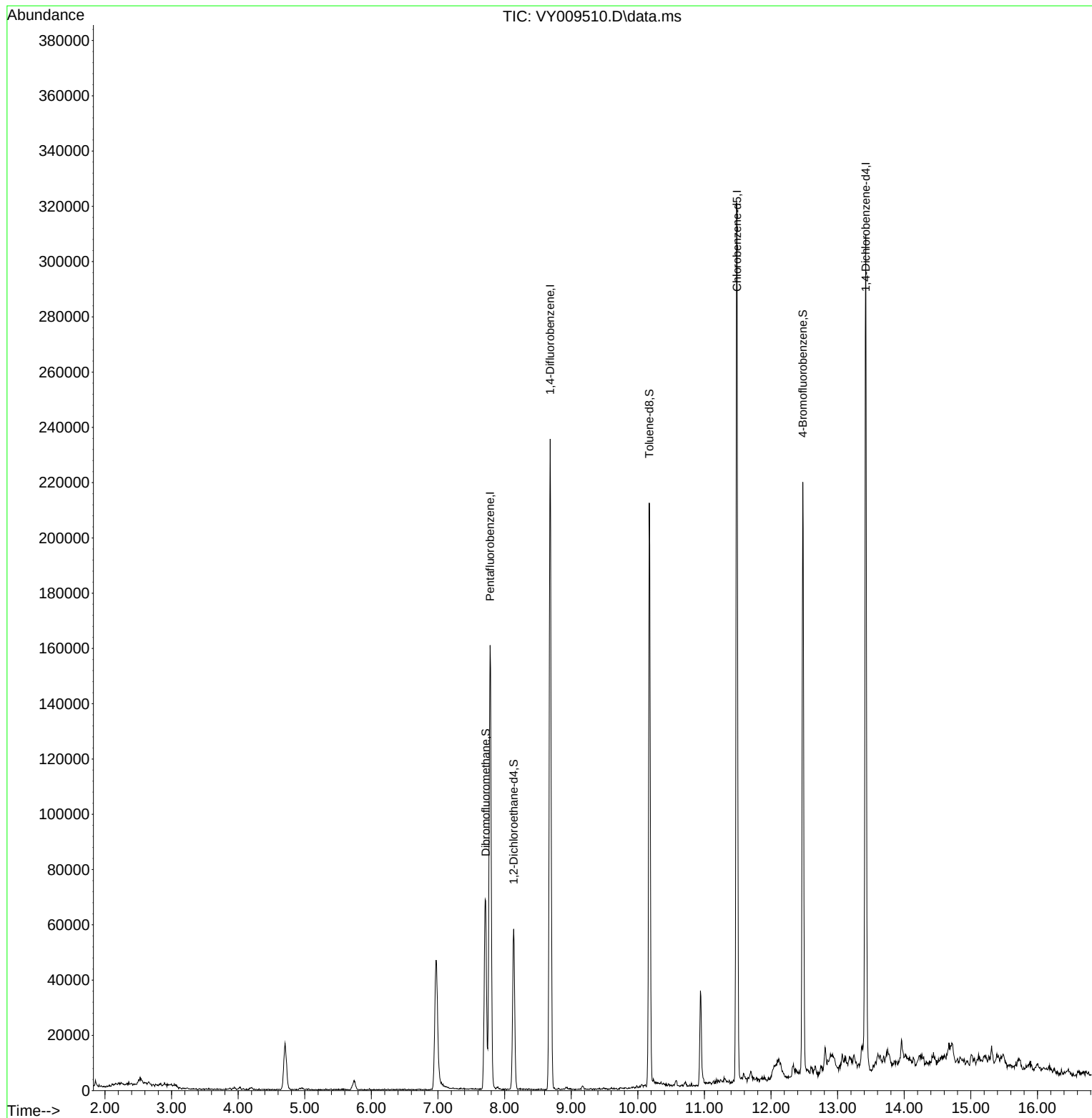
Target Compounds	Qvalue

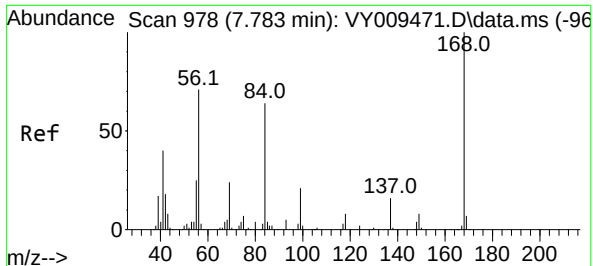
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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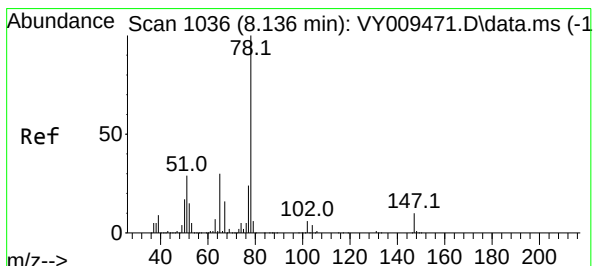
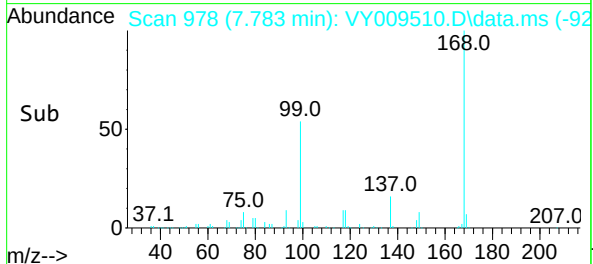
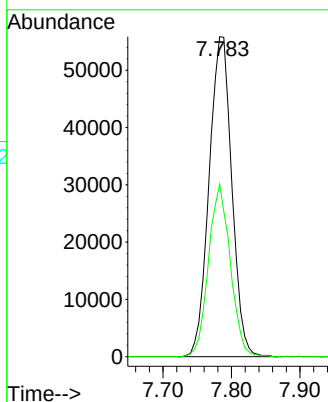
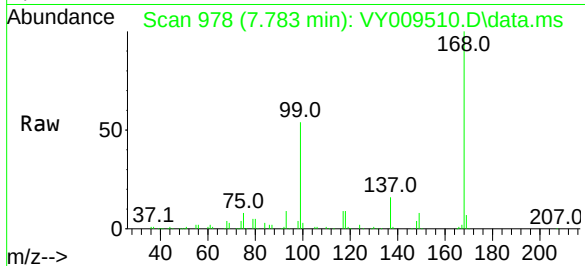




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

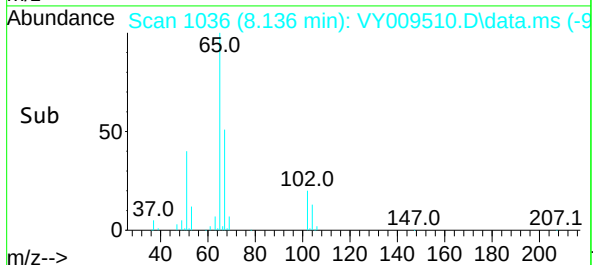
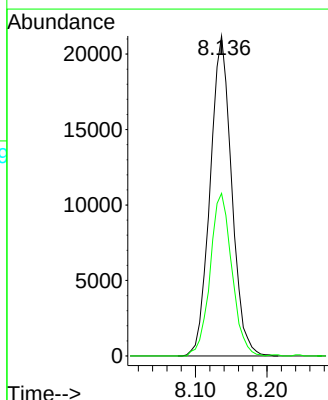
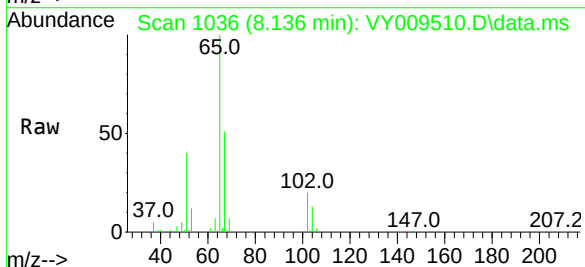
Instrument :
MSVOA_Y
ClientSampleId :
C-1

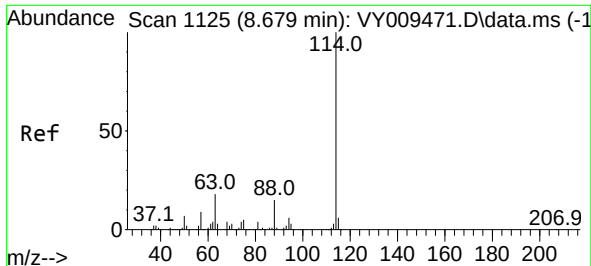
Tgt Ion:168 Resp: 128322
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.823 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion: 65 Resp: 44270
Ion Ratio Lower Upper
65 100
67 51.3 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: VY009510.D

Acq: 11 Jul 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

C-1

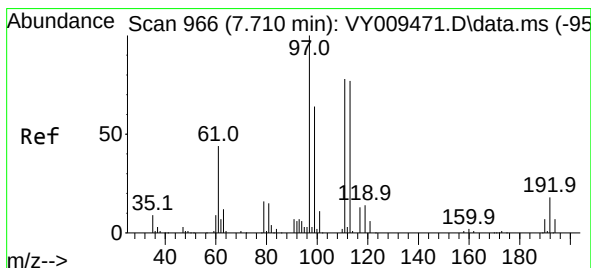
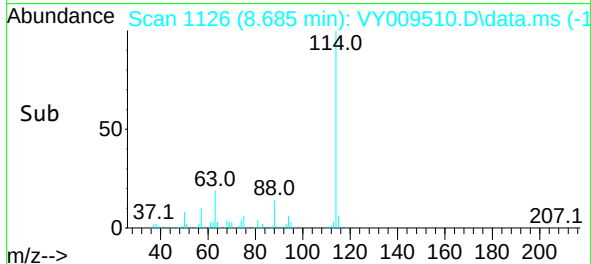
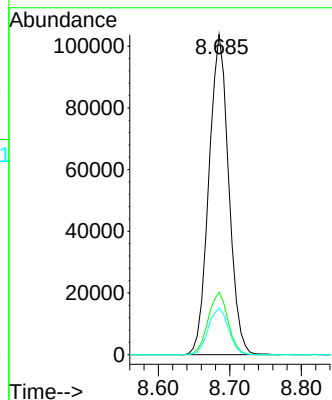
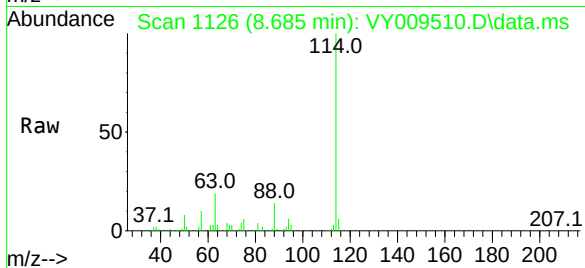
Tgt Ion:114 Resp: 199437

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.920 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009510.D

Acq: 11 Jul 2022 15:10

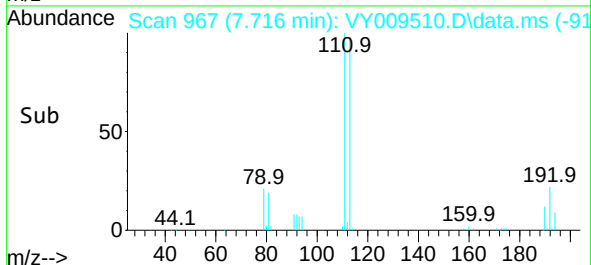
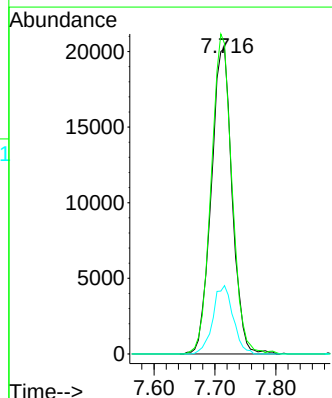
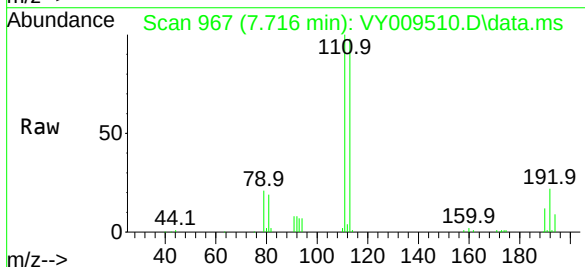
Tgt Ion:113 Resp: 48187

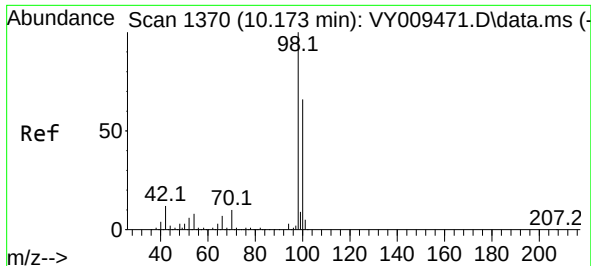
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 21.6 17.6 26.4

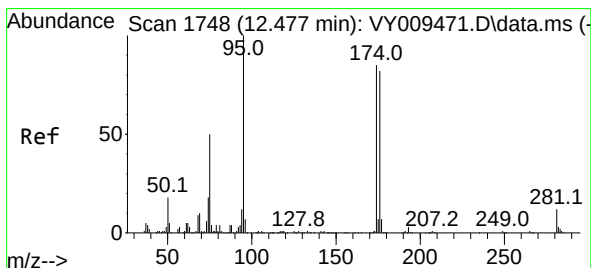
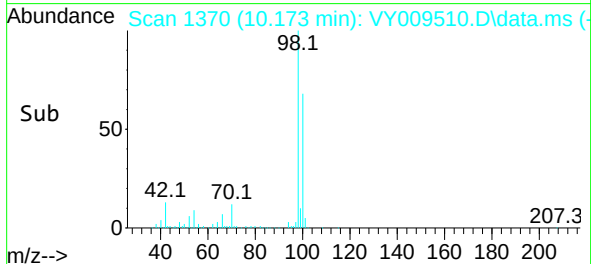
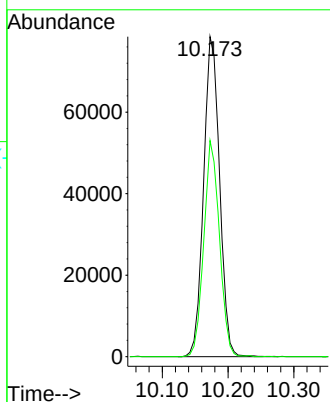
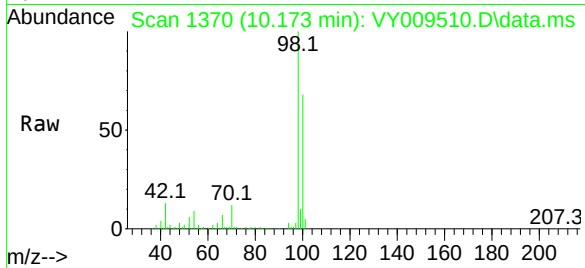




#50
Toluene-d8
Concen: 45.433 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

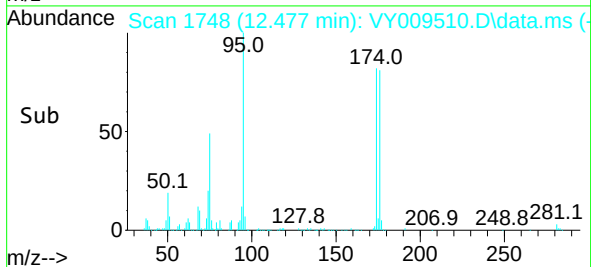
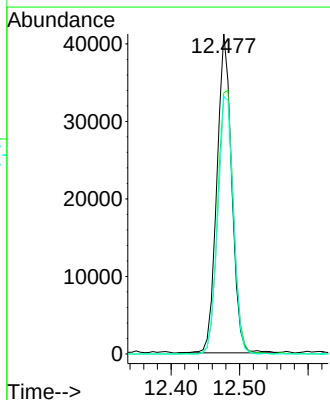
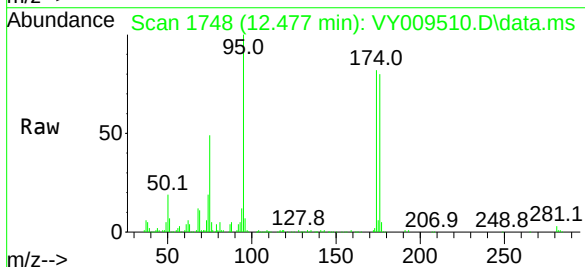
Instrument :
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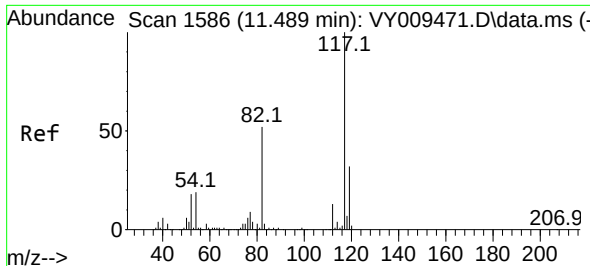
Tgt Ion: 98 Resp: 132851
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.671 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion: 95 Resp: 61726
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 84.4 0.0 175.8

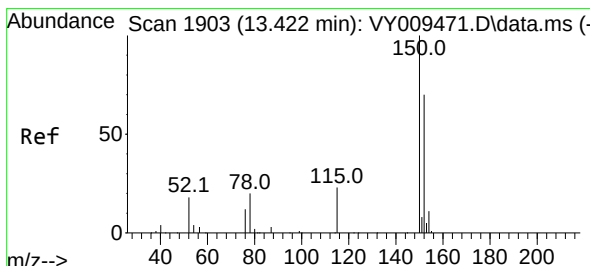
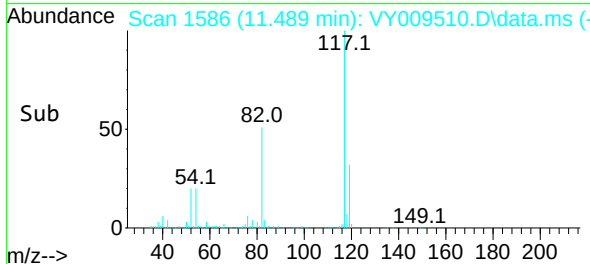
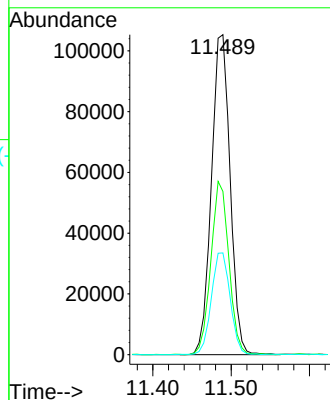
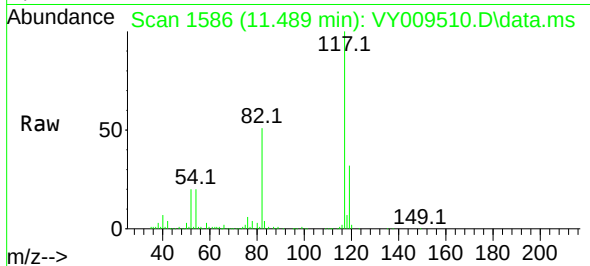




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :
C-1

Tgt Ion:117 Resp: 174567
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.7 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: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion:152 Resp: 74005
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.8 0.0 347.6

