

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009649.D
 Acq On : 22 Jul 2022 10:23
 Operator : KP/MD
 Sample : VY0722SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBL01

Quant Time: Jul 23 00:52:11 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	154404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	250488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84431	57.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.640%
35) Dibromofluoromethane	7.710	113	81259	51.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.179	98	294176	48.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.477	95	90022	45.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	91.600%

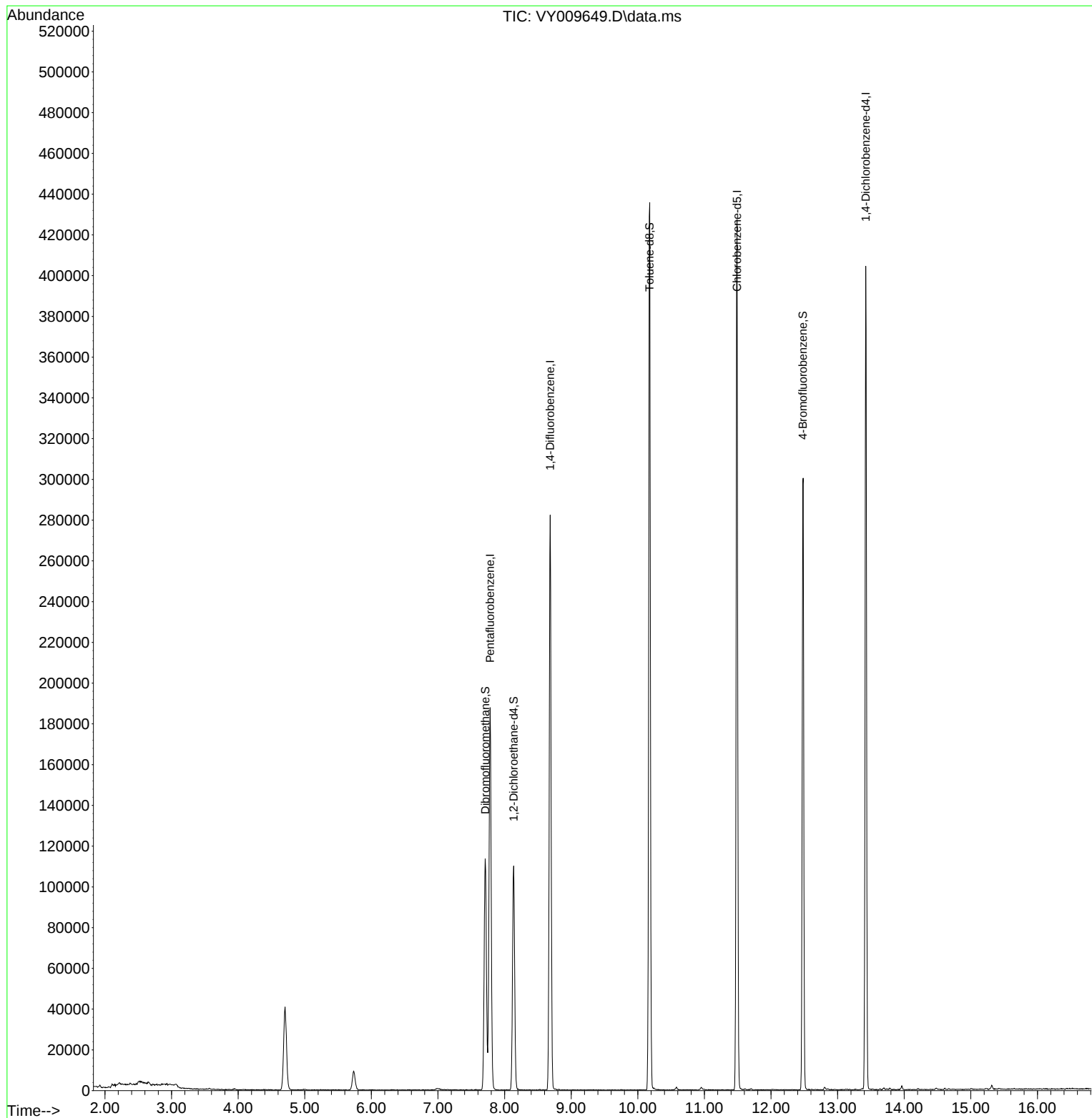
Target Compounds	Qvalue

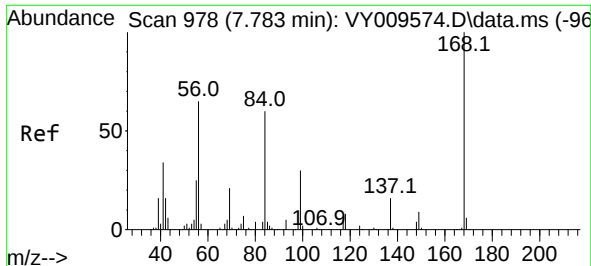
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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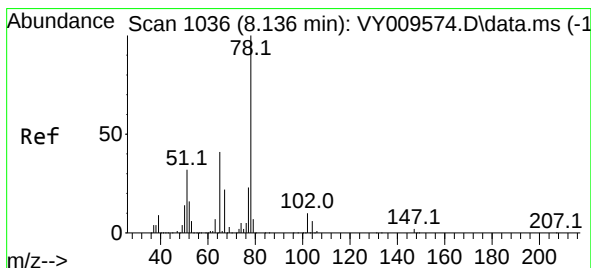
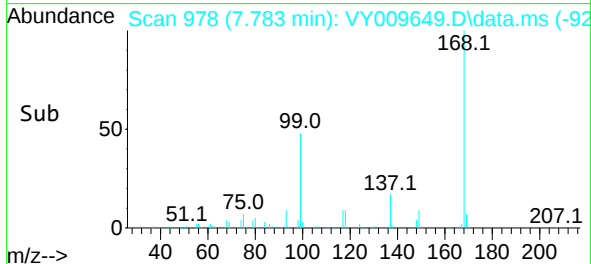
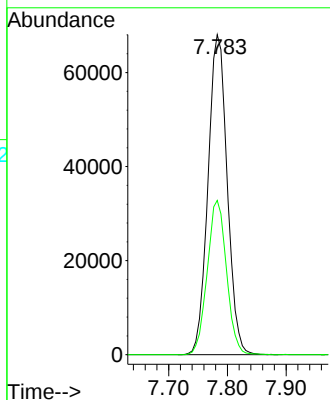
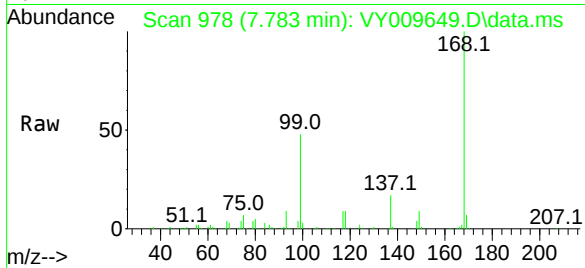




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009649.D
Acq: 22 Jul 2022 10:23

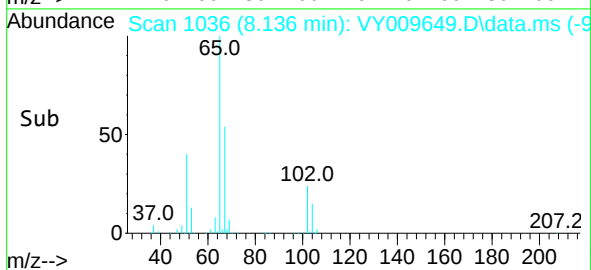
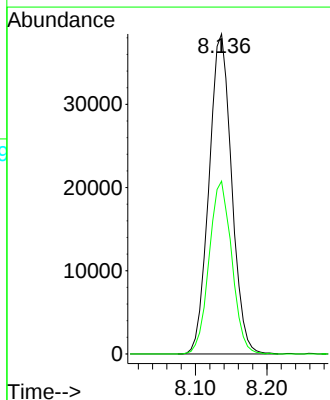
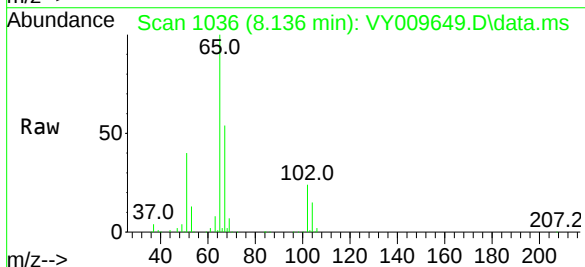
Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBL01

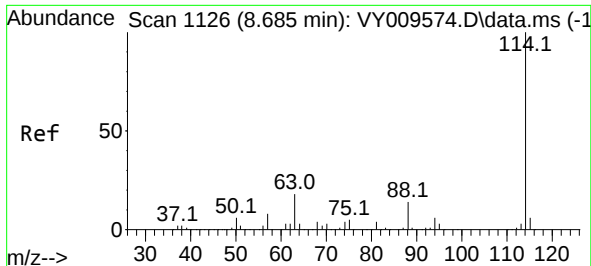
Tgt Ion:168 Resp: 154404
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.818 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009649.D
Acq: 22 Jul 2022 10:23

Tgt Ion: 65 Resp: 84431
Ion Ratio Lower Upper
65 100
67 54.1 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: VY009649.D

Acq: 22 Jul 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0722SBL01

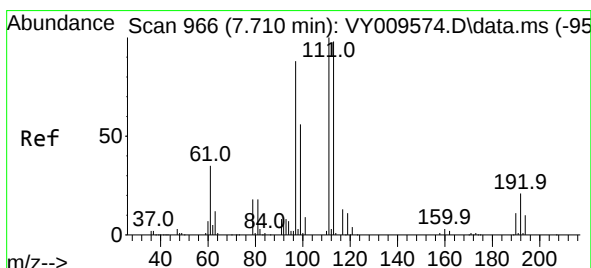
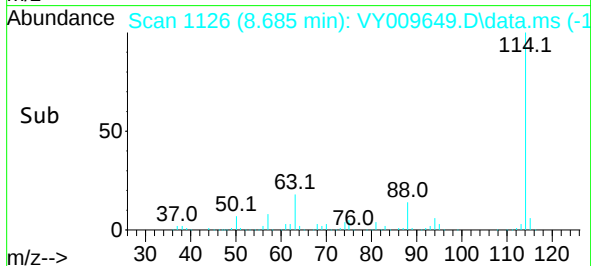
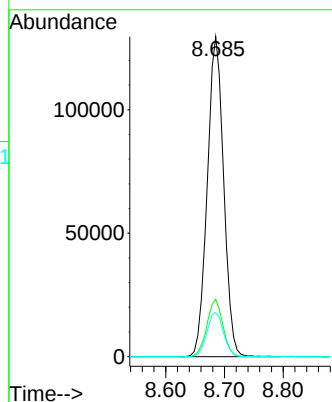
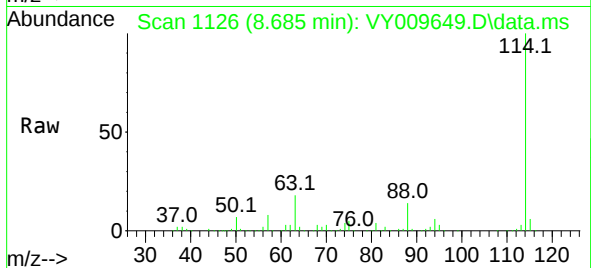
Tgt Ion:114 Resp: 250488

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.493 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009649.D

Acq: 22 Jul 2022 10:23

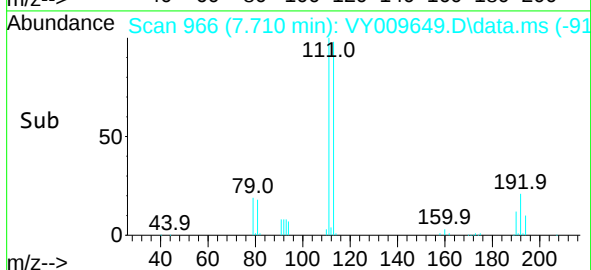
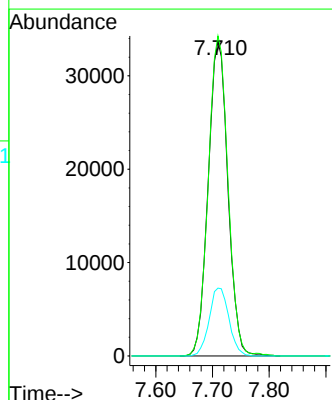
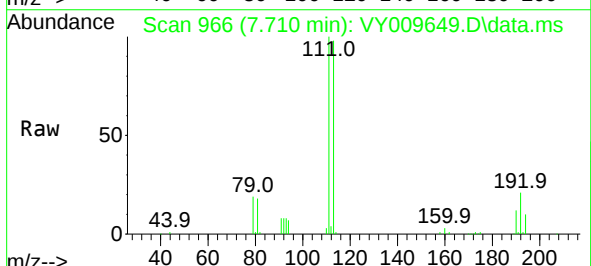
Tgt Ion:113 Resp: 81259

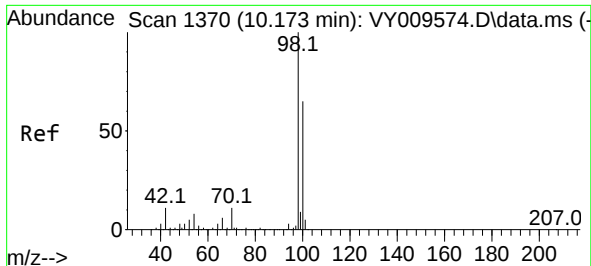
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.6 17.6 26.4

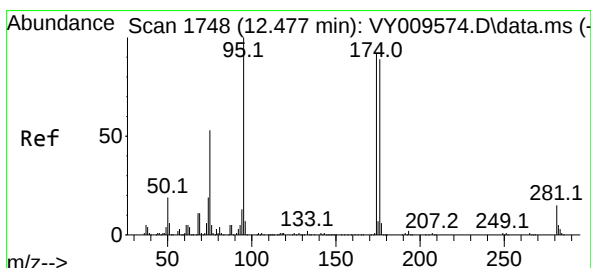
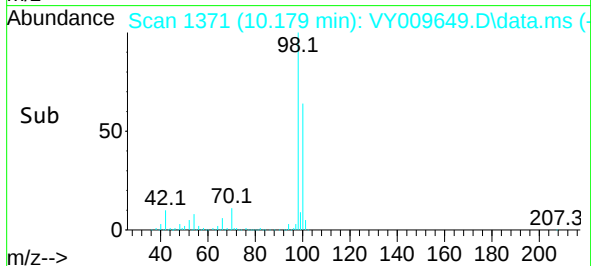
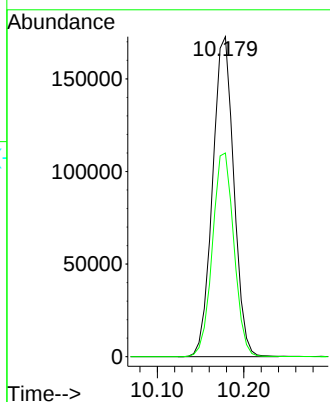
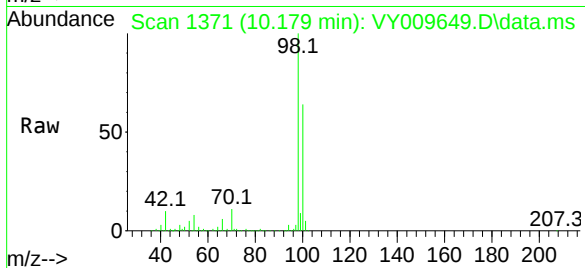




#50
Toluene-d8
Concen: 48.491 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009649.D
Acq: 22 Jul 2022 10:23

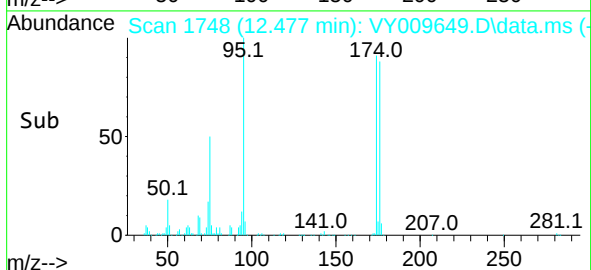
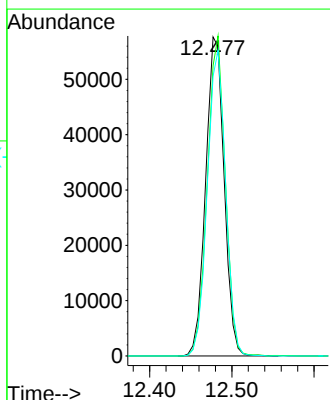
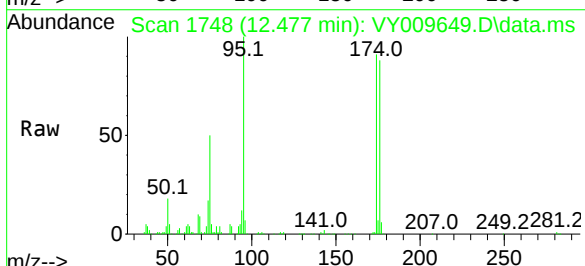
Instrument :
MSVOA_Y
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VY0722SBL01

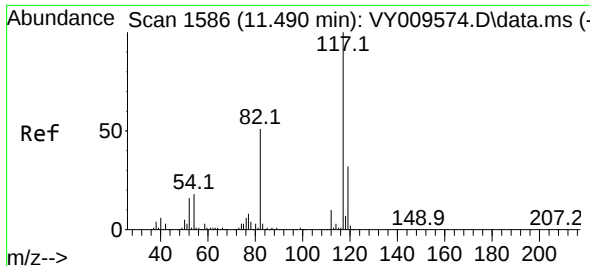
Tgt Ion: 98 Resp: 294176
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.795 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009649.D
Acq: 22 Jul 2022 10:23

Tgt Ion: 95 Resp: 90022
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 94.9 0.0 175.8

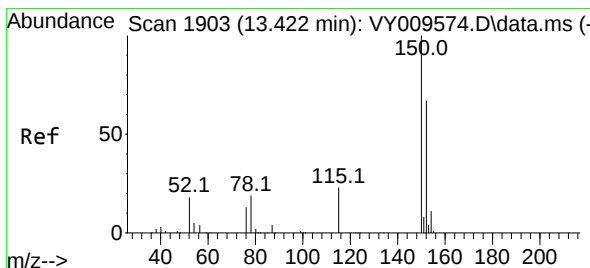
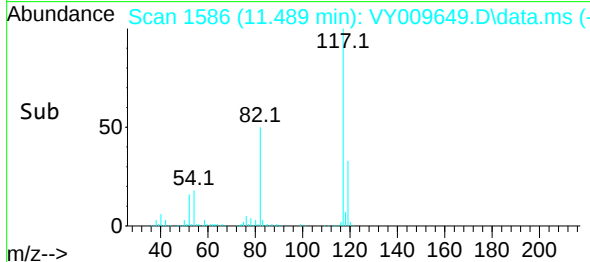
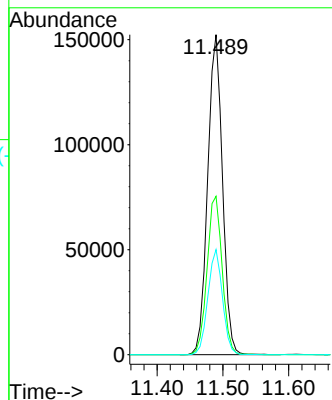
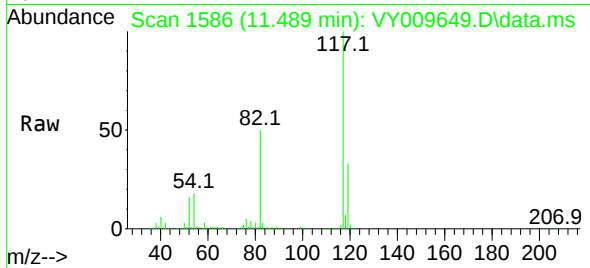




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009649.D
Acq: 22 Jul 2022 10:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBL01

Tgt Ion:117 Resp: 238481
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.9 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: VY009649.D
Acq: 22 Jul 2022 10:23

Tgt Ion:152 Resp: 109960
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.7
150 156.2 0.0 347.6

