

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010378.D
 Acq On : 07 Sep 2022 17:39
 Operator : KP/MD
 Sample : N4509-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_112D-20220902

Quant Time: Sep 08 04:13:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	227024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122735	52.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.440%
35) Dibromofluoromethane	7.716	113	116359	46.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.179	98	450242	53.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.483	95	156062	45.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.040%

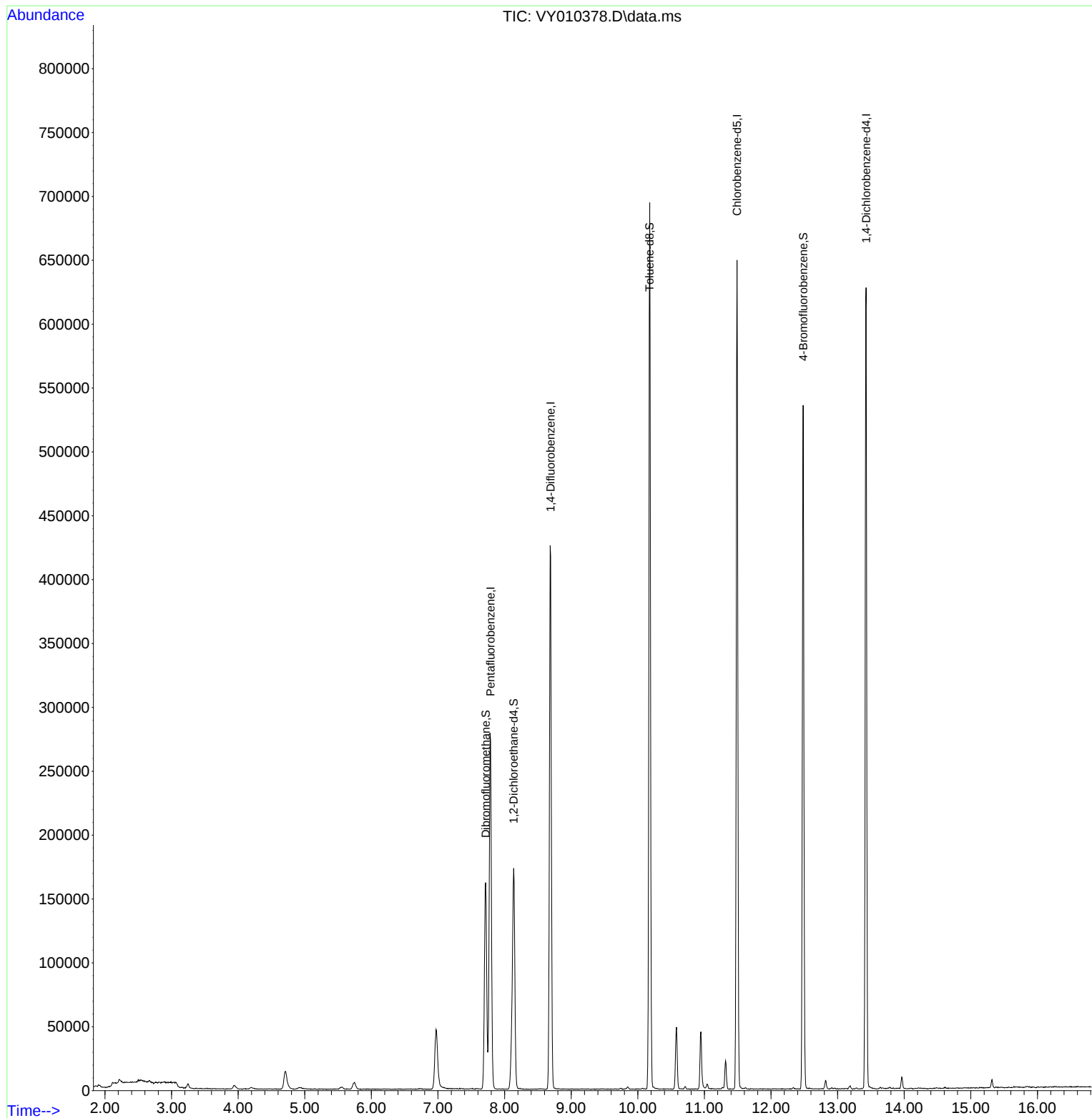
Target Compounds	Qvalue

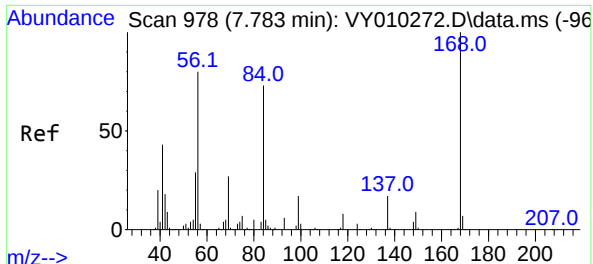
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY010378.D

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Instrument :

MSVOA_Y

ClientSampleId :

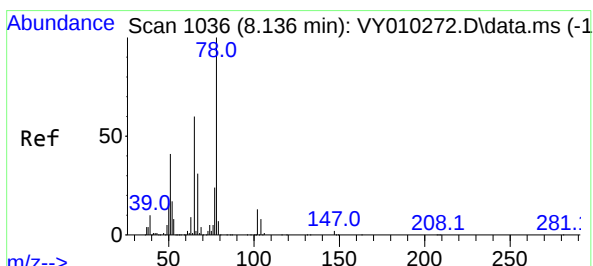
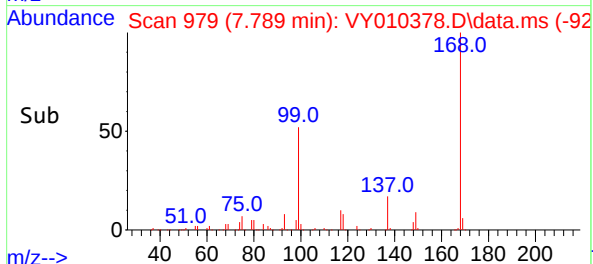
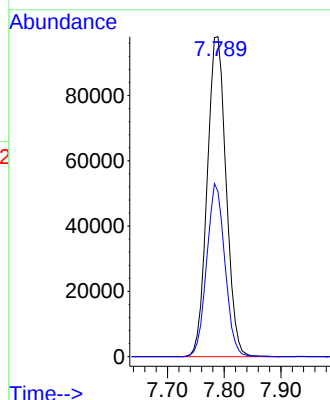
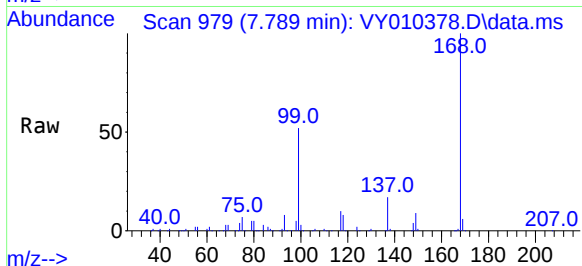
S1-SO_112D-20220902

Tgt Ion:168 Resp: 227024

Ion Ratio Lower Upper

168 100

99 51.7 46.9 70.3



1,2-Dichloroethane-d4

Concen: 52.724 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010378.D

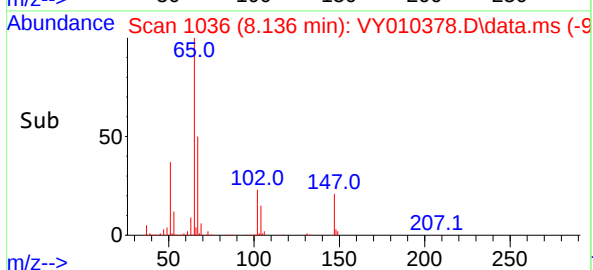
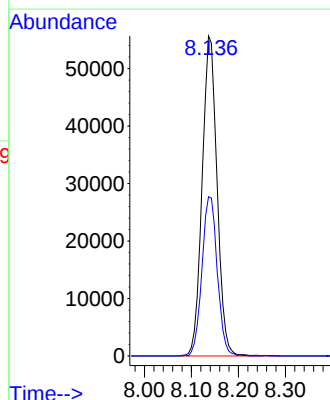
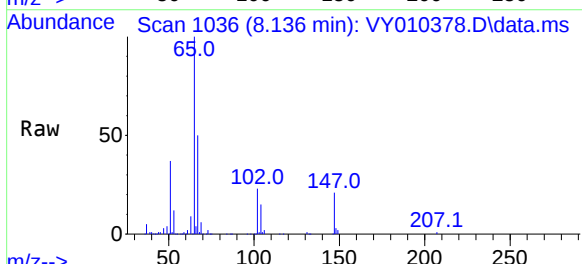
Acq: 07 Sep 2022 17:39

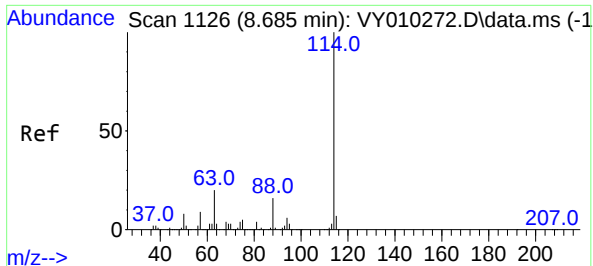
Tgt Ion: 65 Resp: 122735

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010378.D

Acq: 07 Sep 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

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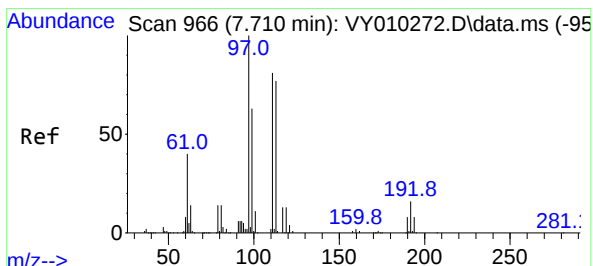
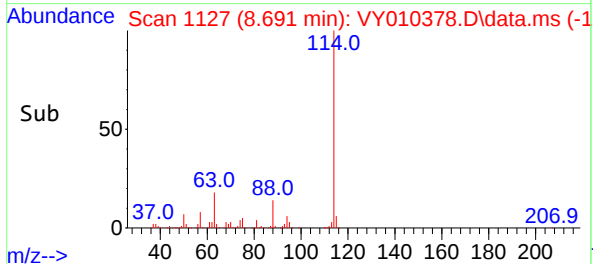
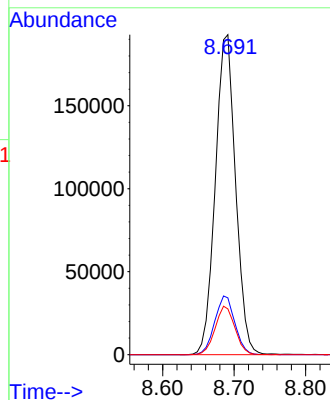
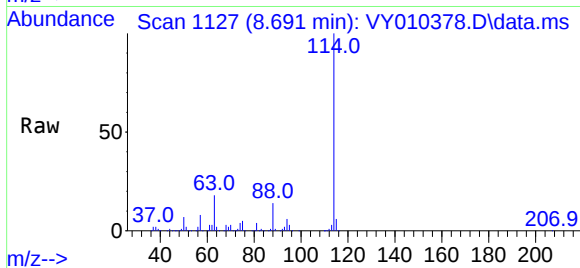
Tgt Ion:114 Resp: 379406

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010378.D

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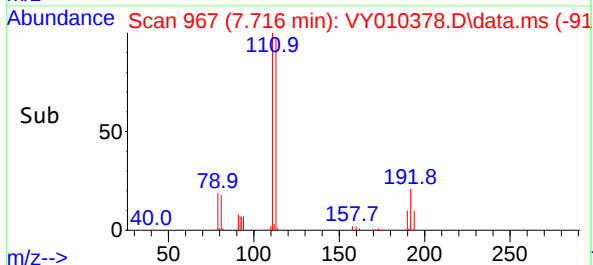
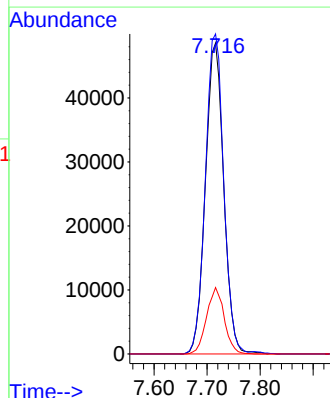
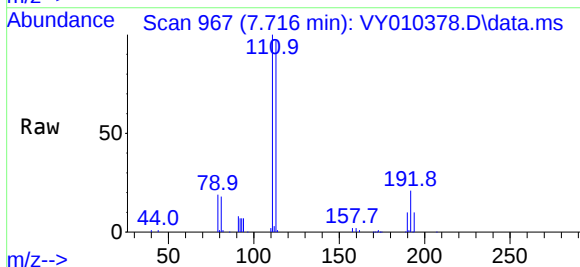
Tgt Ion:113 Resp: 116359

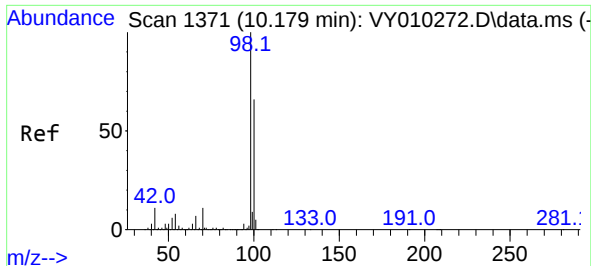
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.6 17.6 26.4

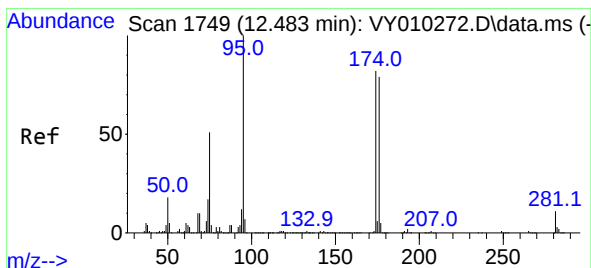
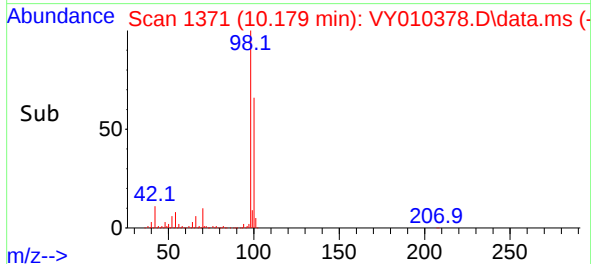
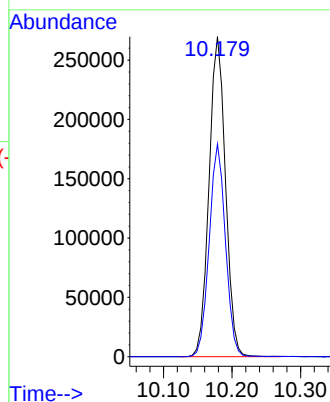
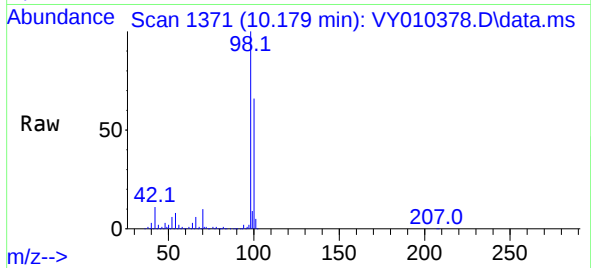




#50
Toluene-d8
Concen: 53.243 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010378.D
Acq: 07 Sep 2022 17:39

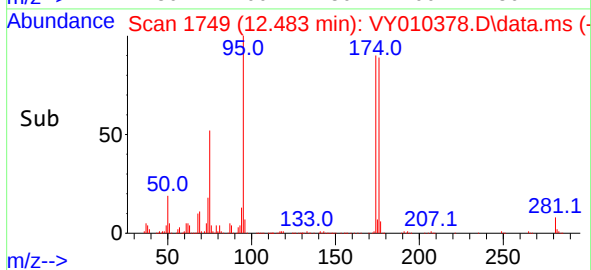
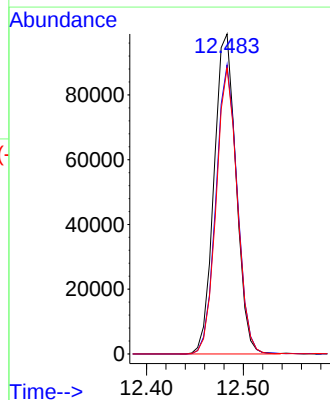
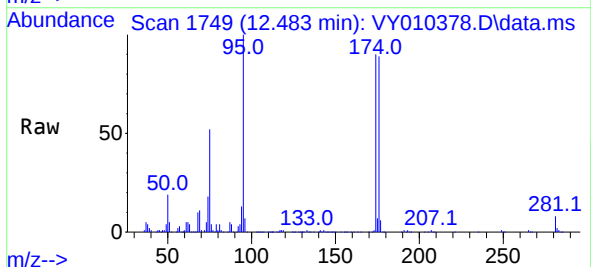
Instrument :
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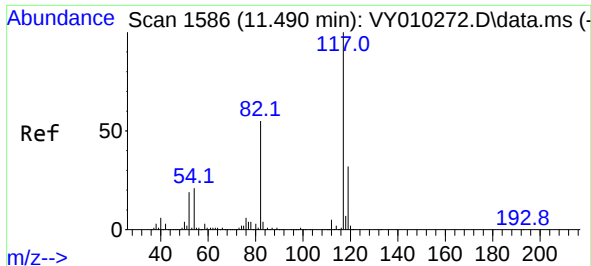
Tgt Ion: 98 Resp: 450242
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.516 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010378.D
Acq: 07 Sep 2022 17:39

Tgt Ion: 95 Resp: 156062
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 85.5 0.0 175.8

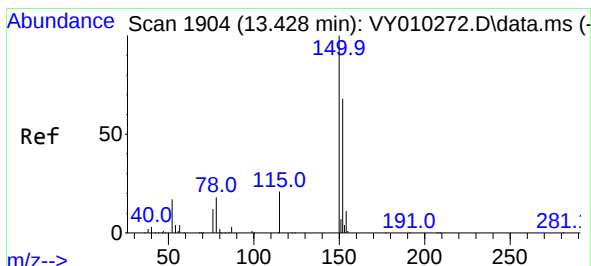
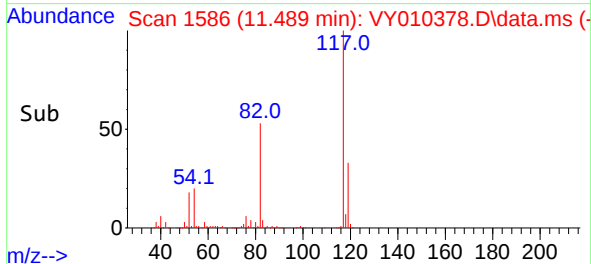
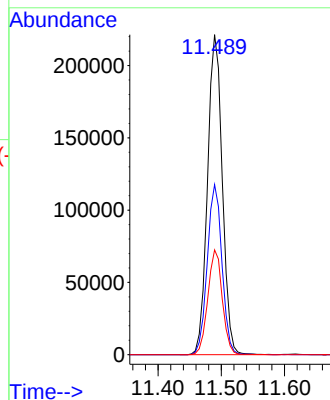
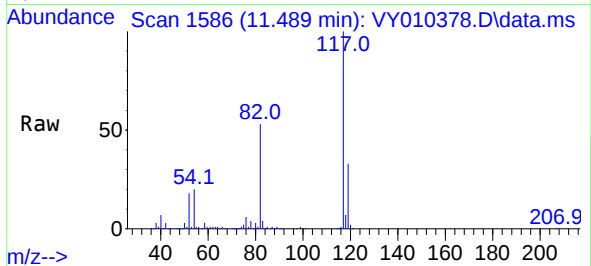




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010378.D
Acq: 07 Sep 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_112D-20220902

Tgt Ion:117 Resp: 360022
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY010378.D
Acq: 07 Sep 2022 17:39

Tgt Ion:152 Resp: 168449
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 157.8 0.0 347.6

