

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007644.D
 Acq On : 25 Feb 2022 18:08
 Operator : SY/MD
 Sample : N1664-01
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 27 23:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	69126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	73896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	25587	55.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.600%
35) Dibromofluoromethane	7.716	113	23247	53.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.179	98	84943	52.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.477	95	31439	57.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.000%

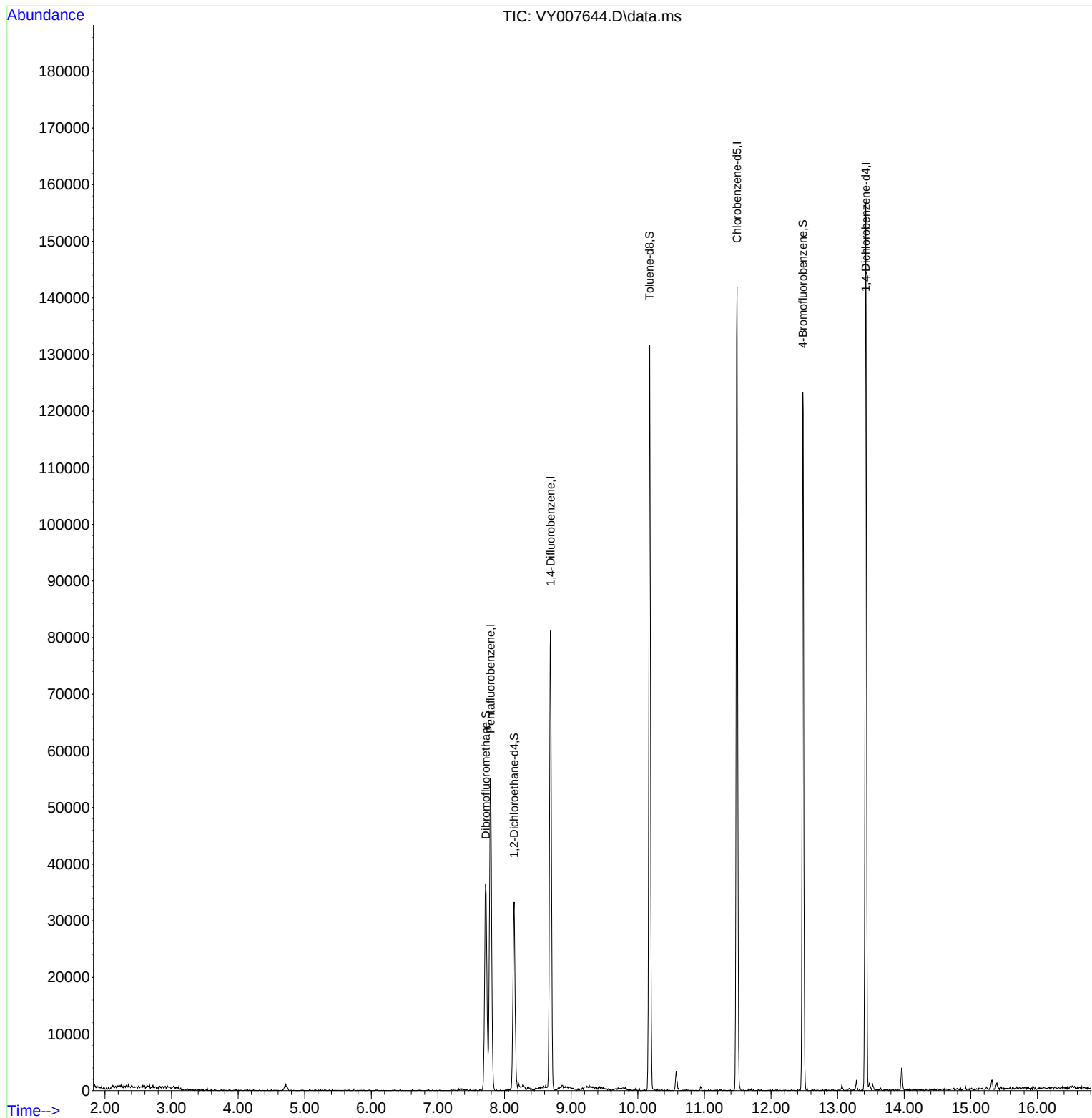
Target Compounds	Qvalue

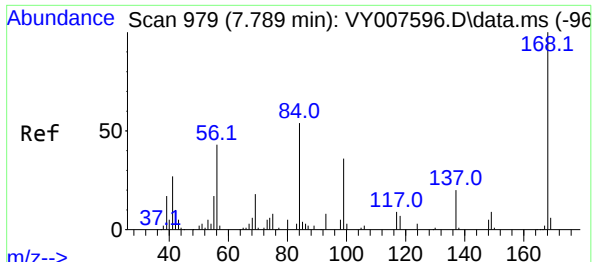
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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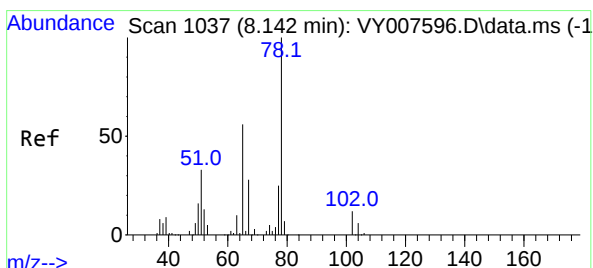
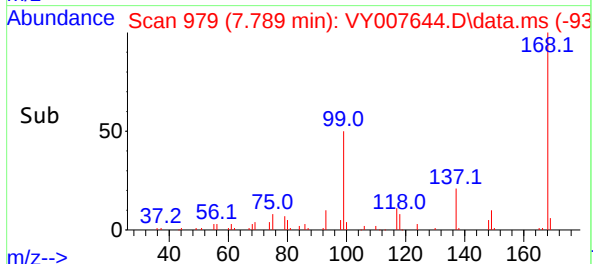
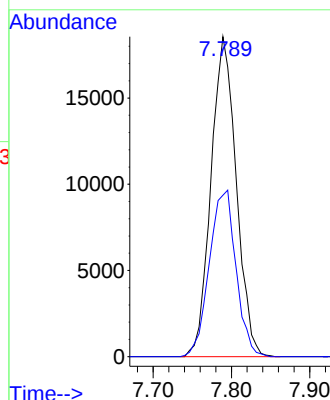
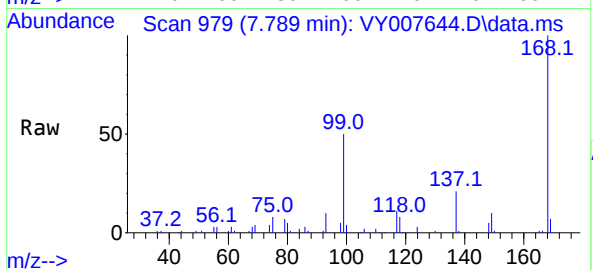




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007644.D
Acq: 25 Feb 2022 18:08

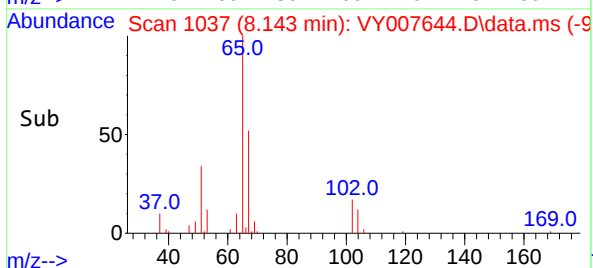
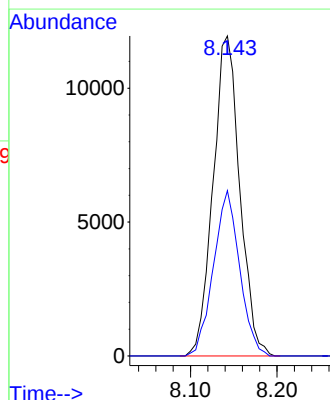
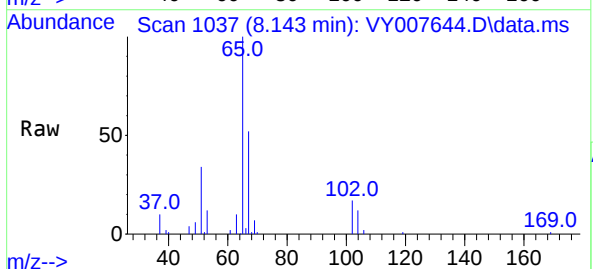
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

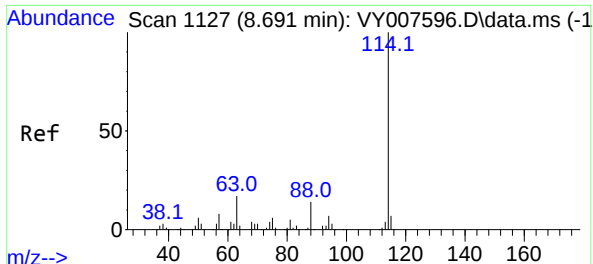
Tgt Ion:168 Resp: 41594
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.298 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007644.D
Acq: 25 Feb 2022 18:08

Tgt Ion: 65 Resp: 25587
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007644.D

Acq: 25 Feb 2022 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

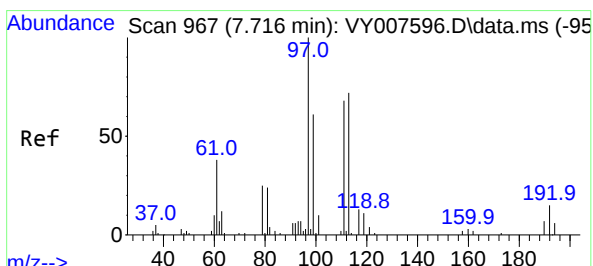
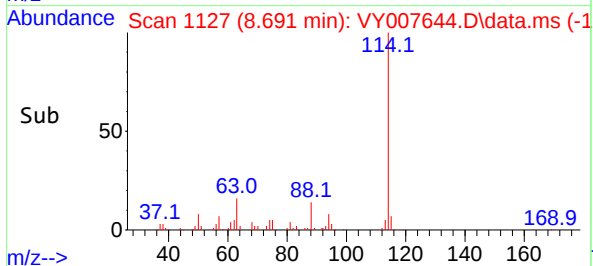
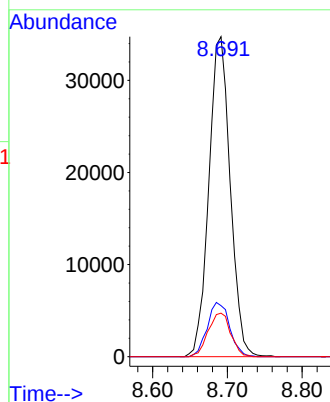
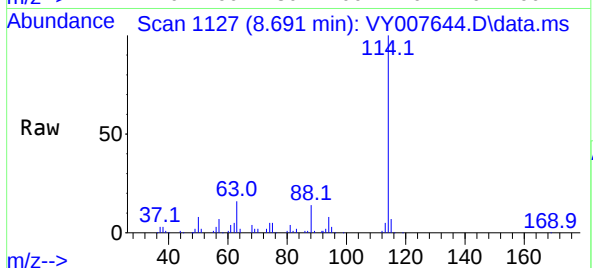
Tgt Ion:114 Resp: 69126

Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.297 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007644.D

Acq: 25 Feb 2022 18:08

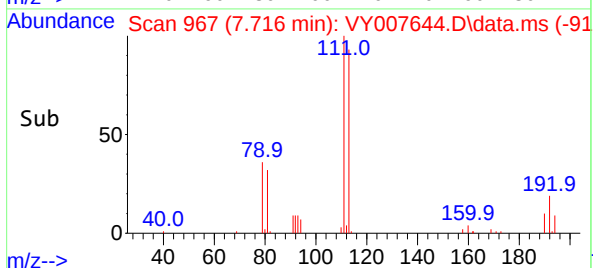
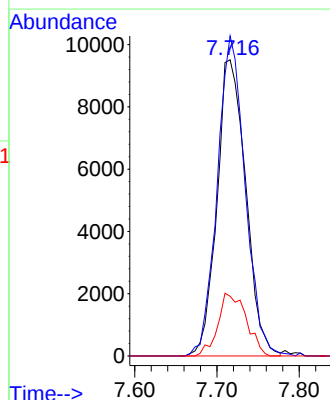
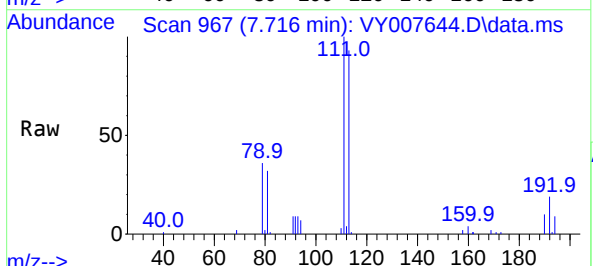
Tgt Ion:113 Resp: 23247

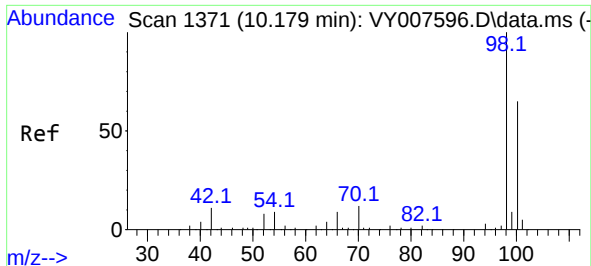
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 20.9 17.6 26.4

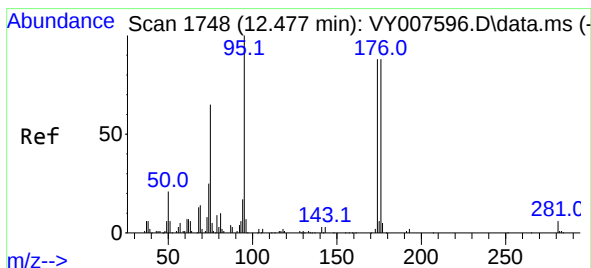
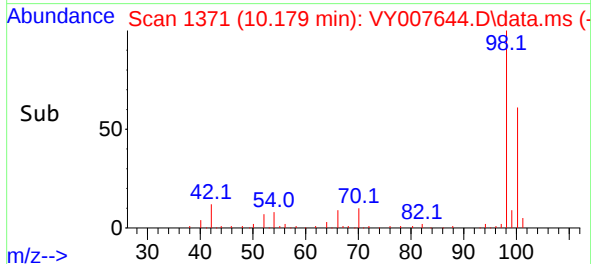
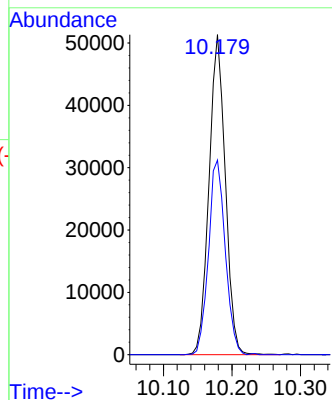
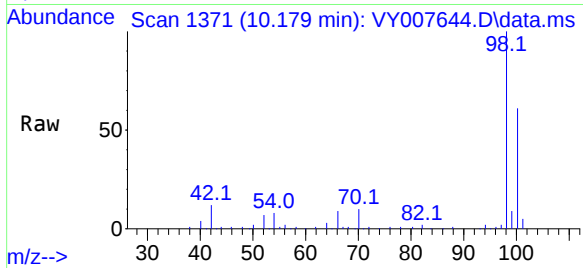




#50
Toluene-d8
Concen: 52.437 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007644.D
Acq: 25 Feb 2022 18:08

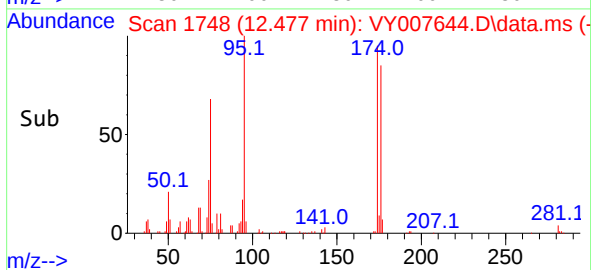
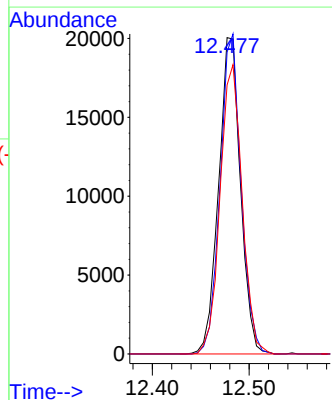
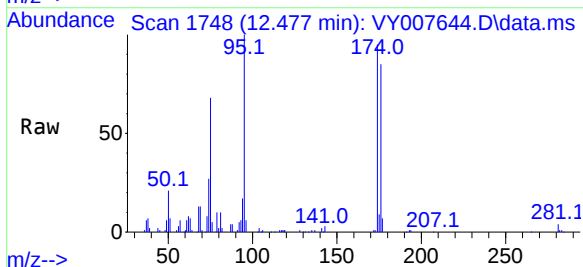
Instrument :
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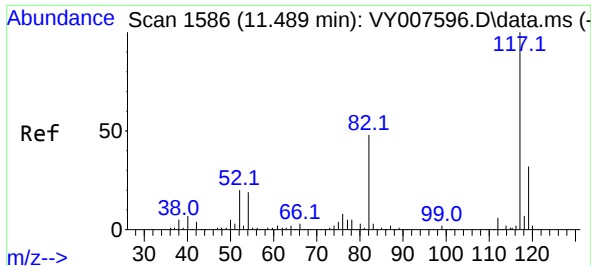
Tgt Ion: 98 Resp: 84943
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007644.D
Acq: 25 Feb 2022 18:08

Tgt Ion: 95 Resp: 31439
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 92.0 0.0 175.8

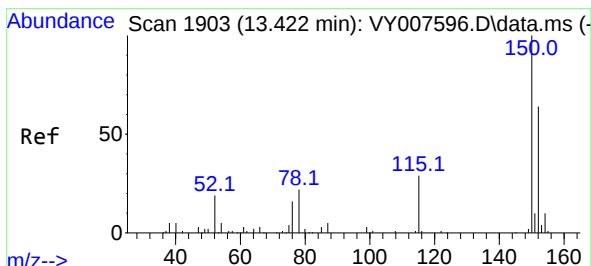
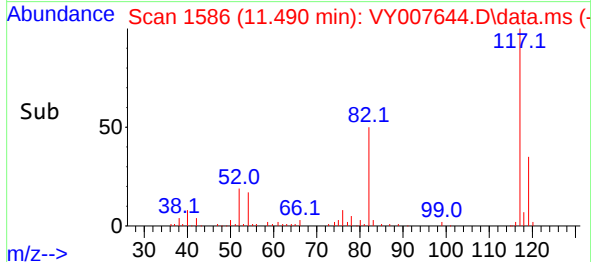
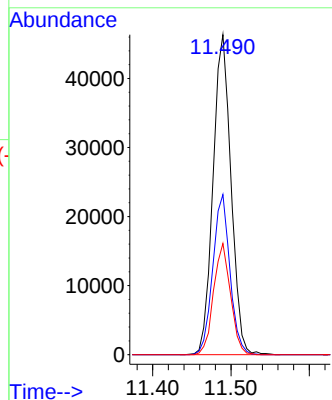
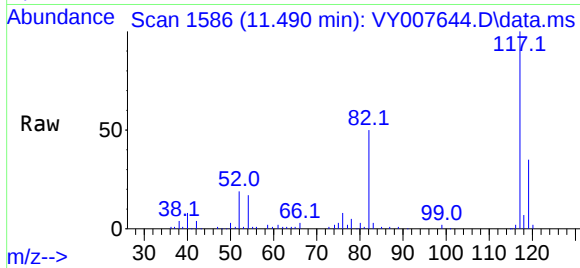




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY007644.D
Acq: 25 Feb 2022 18:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 73896
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 34.8 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: VY007644.D
Acq: 25 Feb 2022 18:08

Tgt Ion:152 Resp: 38399
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 154.1 0.0 347.6

