

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010041.D
 Acq On : 16 Aug 2022 14:06
 Operator : KP/MD
 Sample : N4183-03RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILERE

Quant Time: Aug 16 16:53:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	55227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26525	48.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.080%
35) Dibromofluoromethane	7.709	113	25009	45.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.080%
50) Toluene-d8	10.178	98	84294	41.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.060%
62) 4-Bromofluorobenzene	12.477	95	29275	40.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.140%

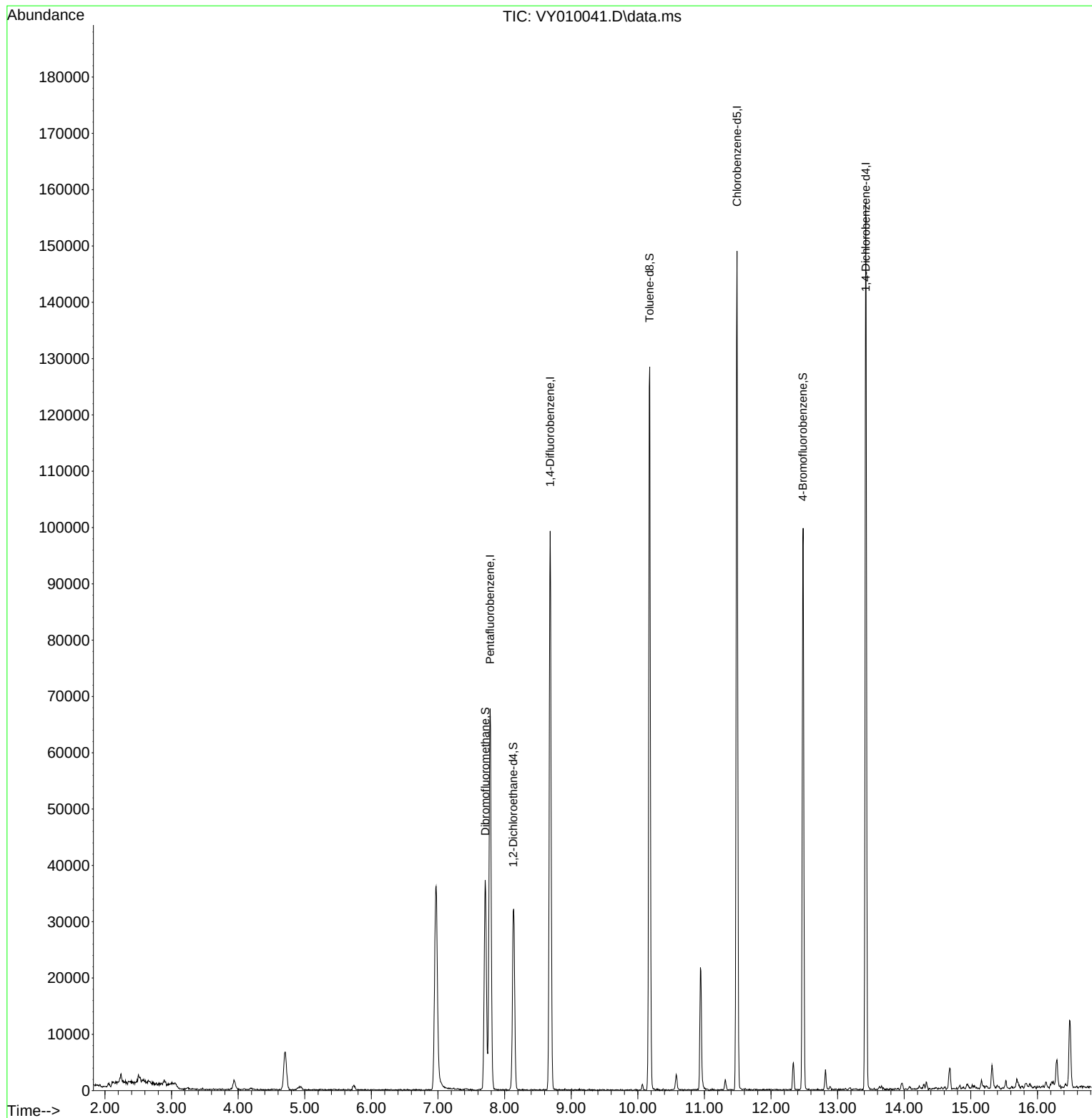
Target Compounds	Qvalue

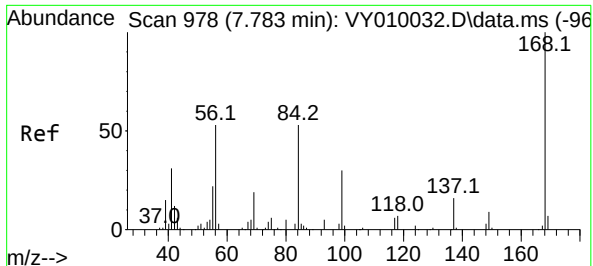
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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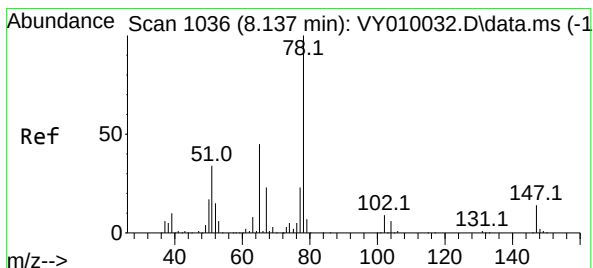
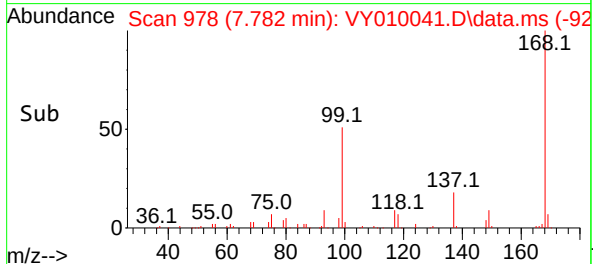
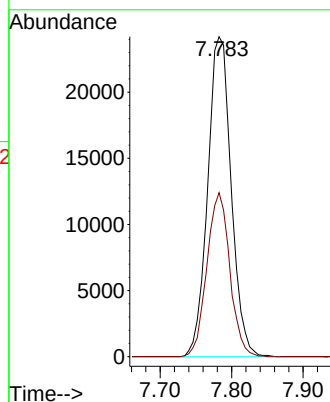
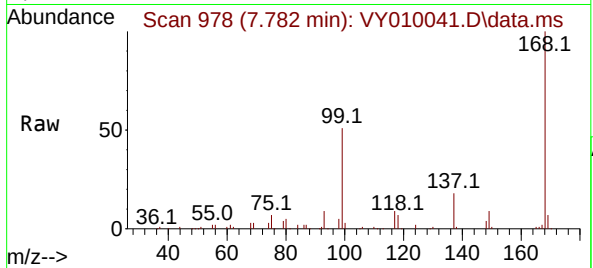




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

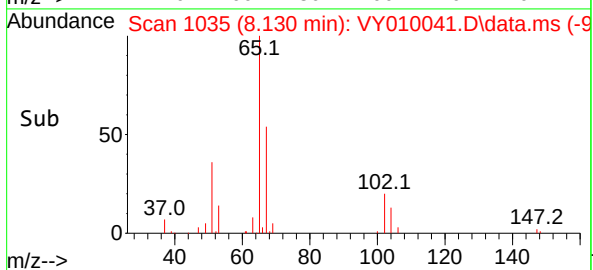
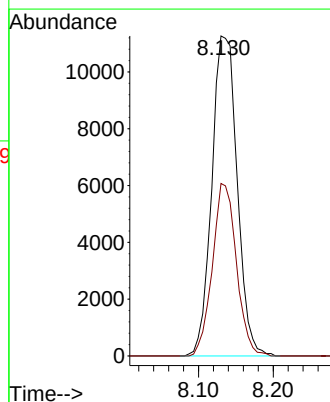
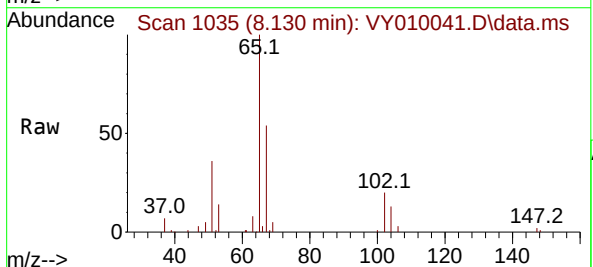
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

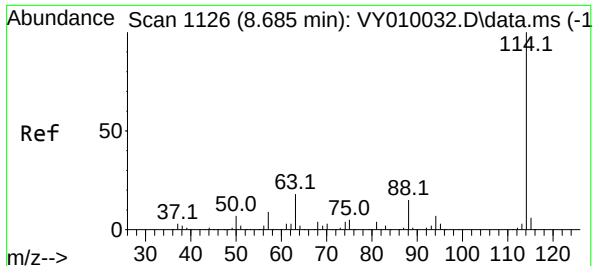
Tgt Ion:168 Resp: 55227
Ion Ratio Lower Upper
168 100
99 51.2 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 48.036 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 65 Resp: 26525
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILERE

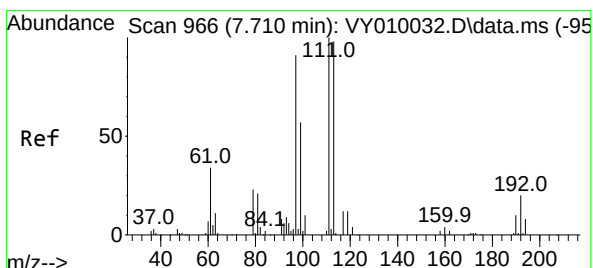
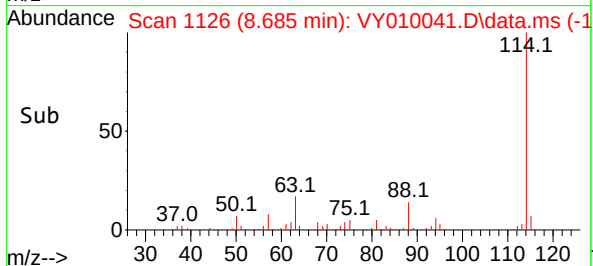
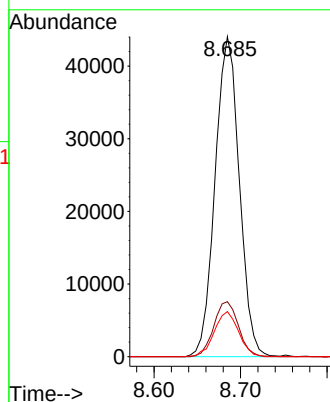
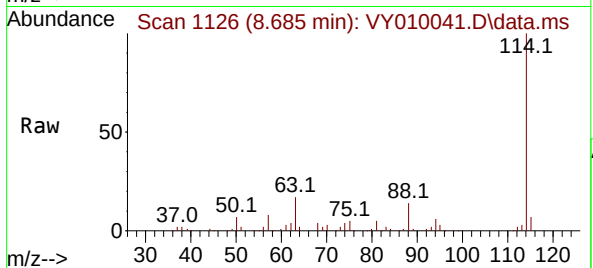
Tgt Ion:114 Resp: 85622

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 45.040 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

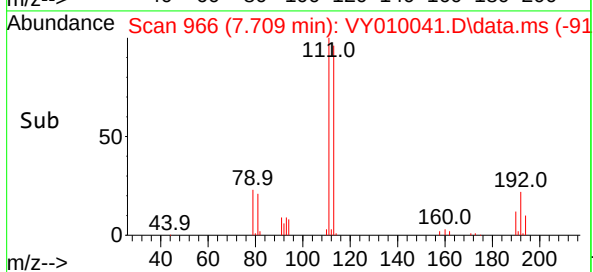
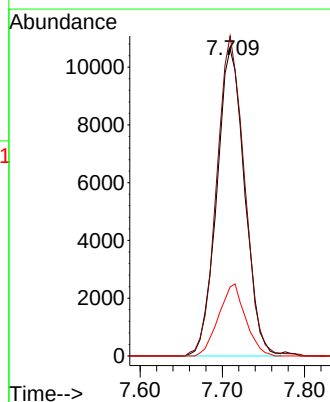
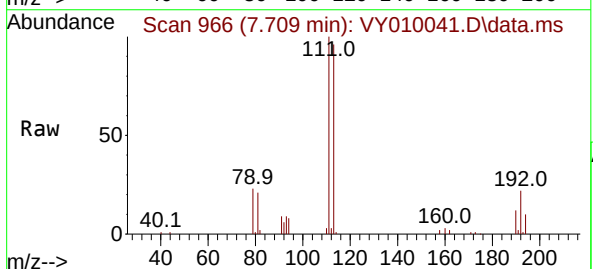
Tgt Ion:113 Resp: 25009

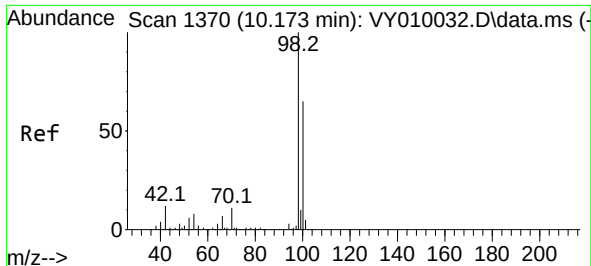
Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

192 22.6 17.2 25.8

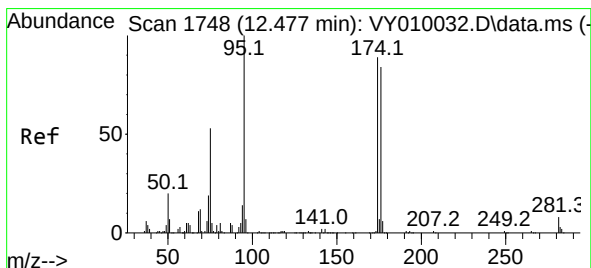
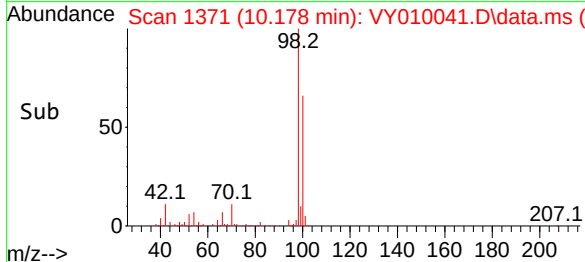
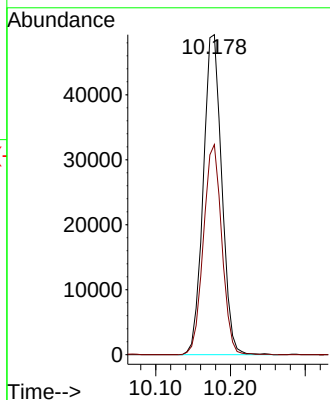
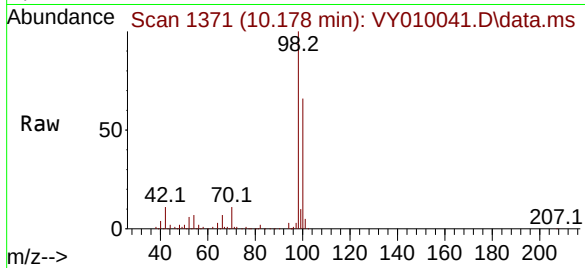




#50
Toluene-d8
Concen: 41.033 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

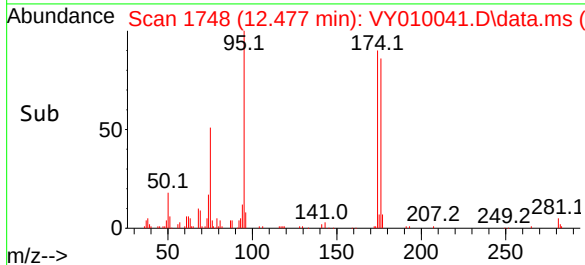
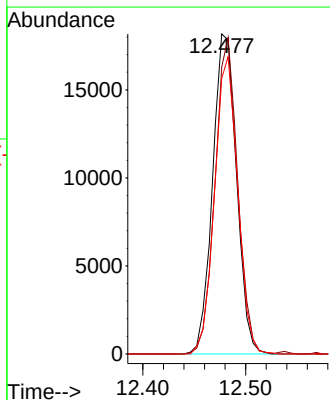
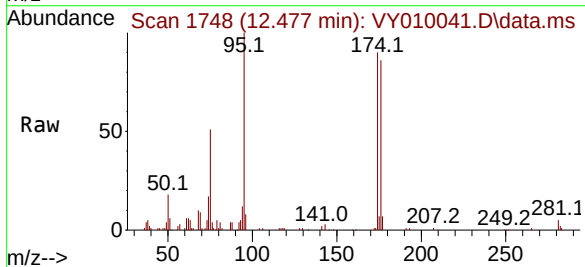
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STOCKPILERE

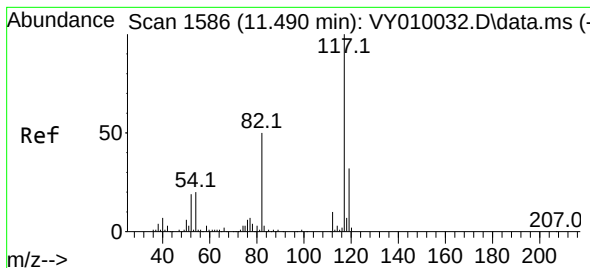
Tgt Ion: 98 Resp: 84294
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 95 Resp: 29275
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.2
176 90.1 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILERE

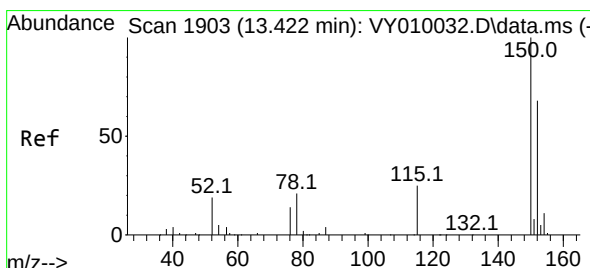
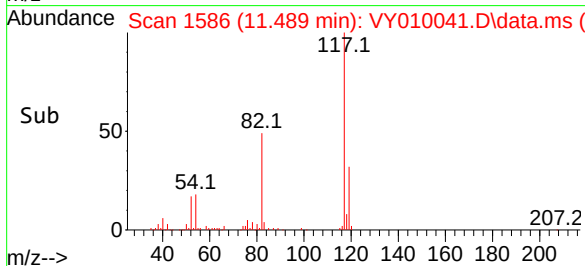
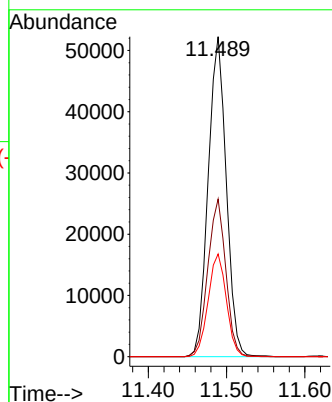
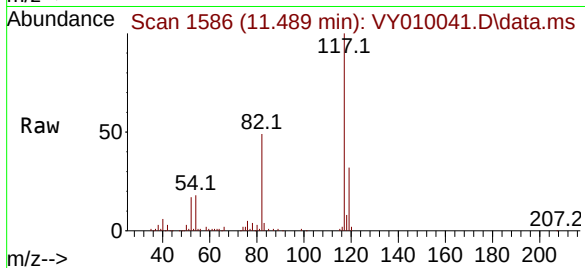
Tgt Ion:117 Resp: 83598

Ion Ratio Lower Upper

117 100

82 49.3 39.8 59.6

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Tgt Ion:152 Resp: 41388

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.3

150 159.8 0.0 346.6

