

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020361.D
 Acq On : 20 Nov 2024 15:51
 Operator : SY/MD
 Sample : P4870-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Nov 21 00:49:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	12090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	20382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	15896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	4206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7114	51.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.440%
35) Dibromofluoromethane	7.634	113	6309	48.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.109	98	22496	43.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.400%
62) 4-Bromofluorobenzene	12.408	95	6071	36.682	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.360%

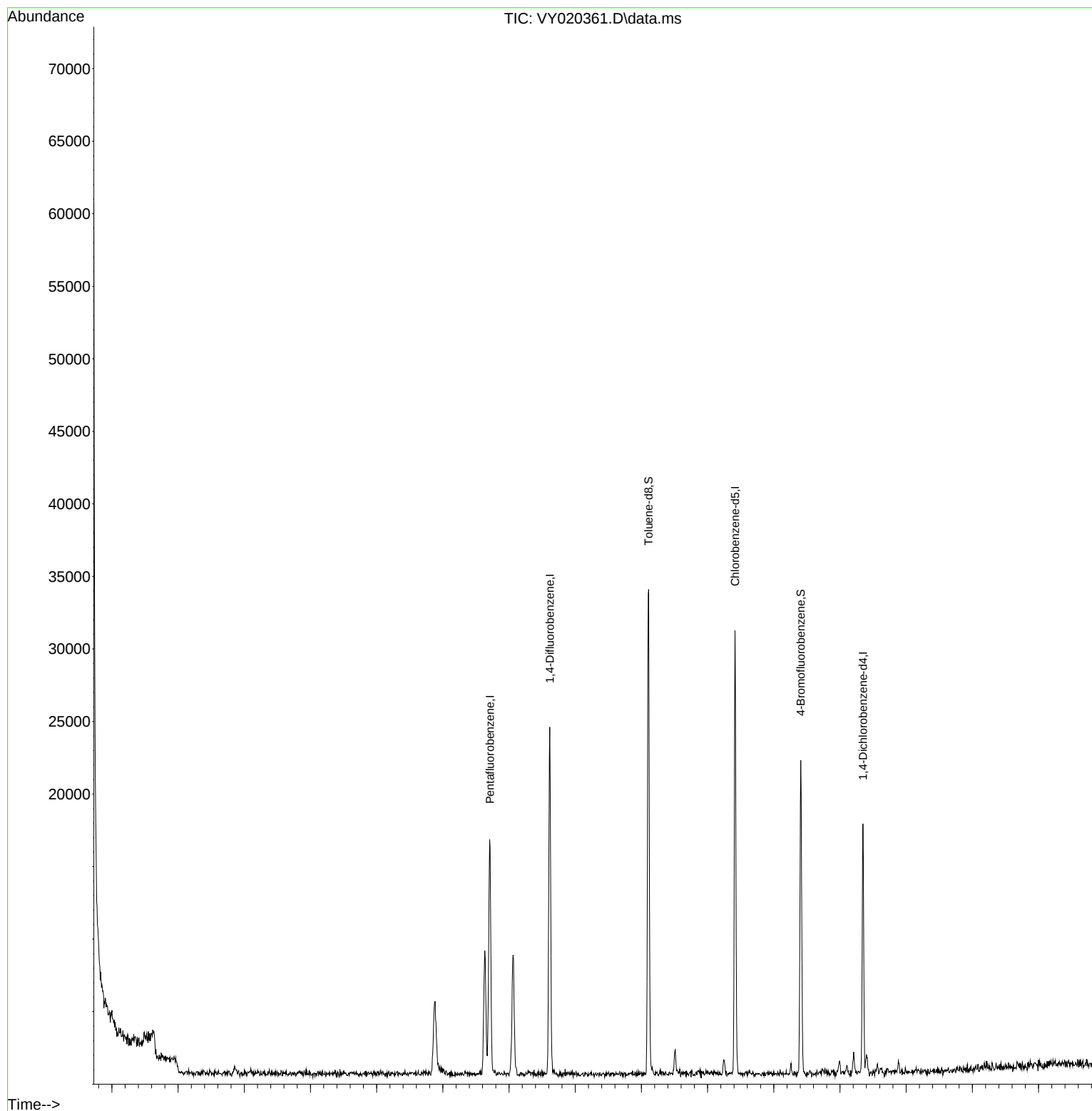
Target Compounds	Qvalue

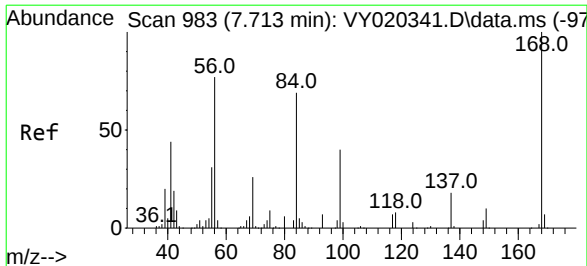
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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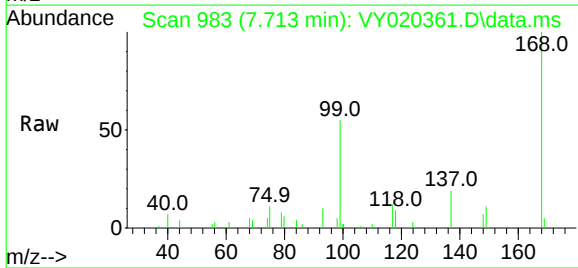
Quant Time: Nov 21 00:49:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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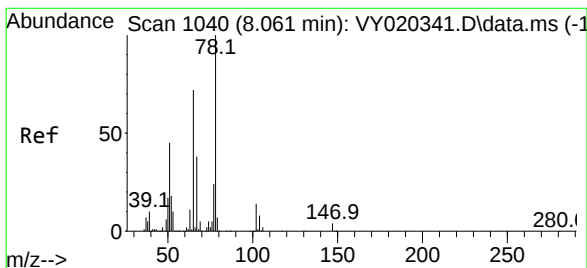
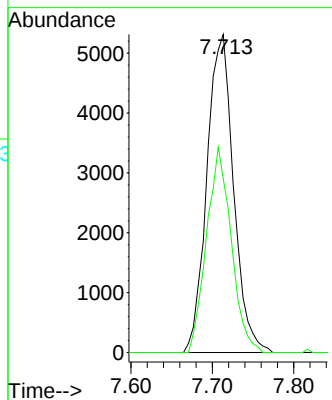
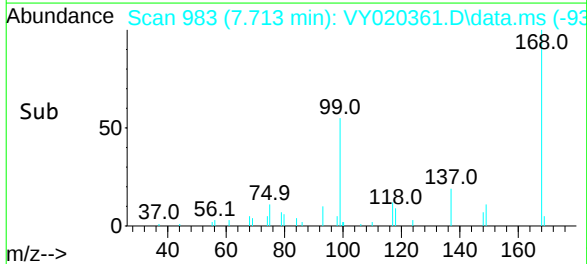


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

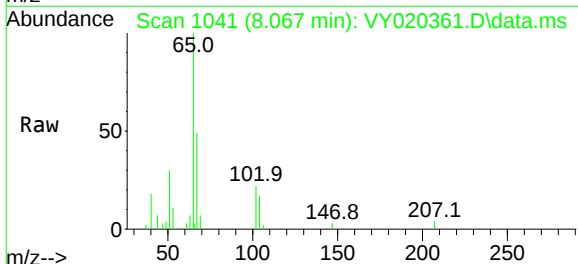
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC



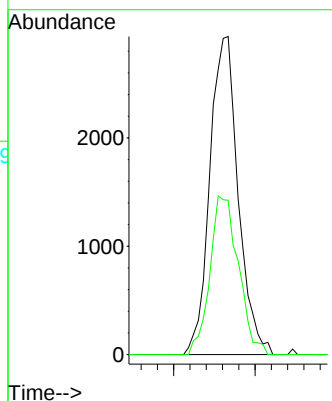
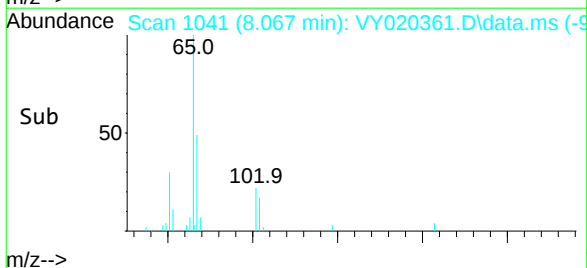
Tgt Ion:168 Resp: 12090
Ion Ratio Lower Upper
168 100
99 54.7 46.6 69.8

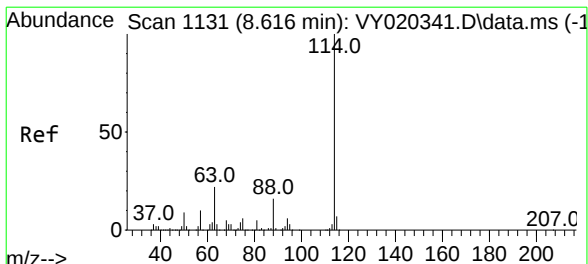


#33
1,2-Dichloroethane-d4
Concen: 51.217 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51



Tgt Ion: 65 Resp: 7114
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.8

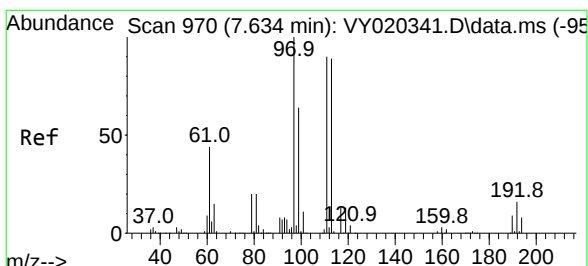
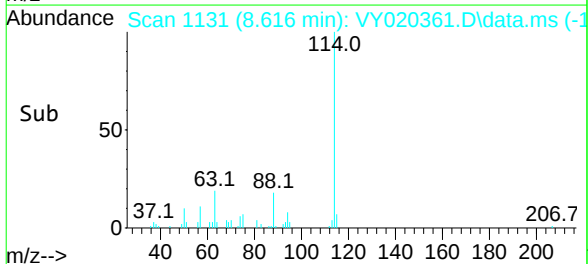
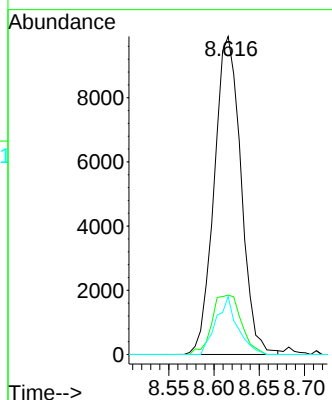
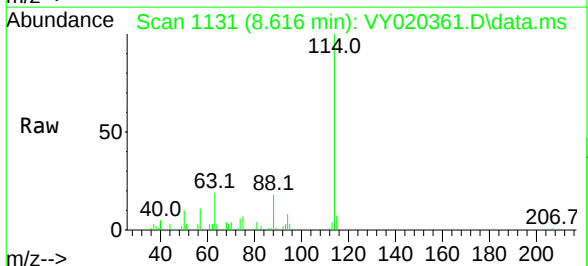




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

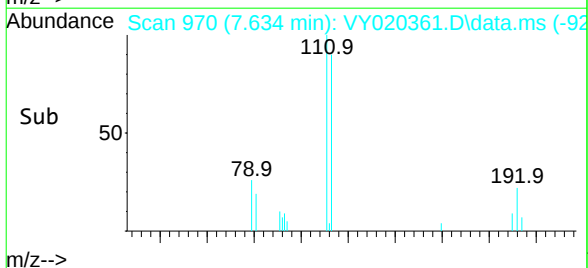
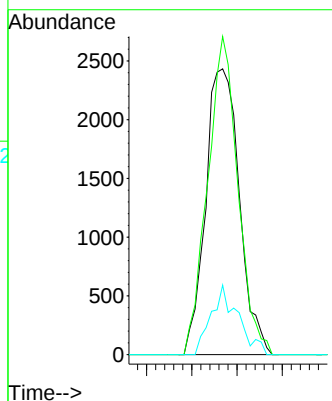
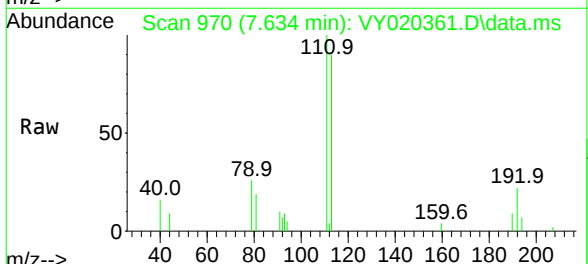
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TP-1-VOC

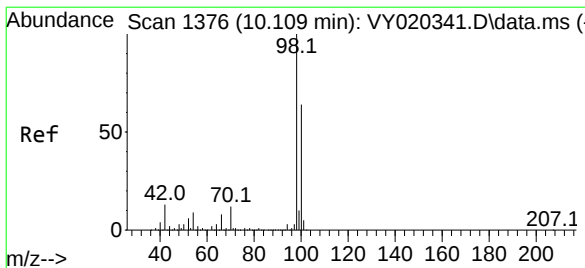
Tgt Ion:	114	Resp:	20382
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	44.8
88	18.2	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.273 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020361.D
Acq: 20 Nov 2024 15:51

Tgt Ion:	113	Resp:	6309
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.4	122.0
192	19.5	15.1	22.7





#50

Toluene-d8

Concen: 43.695 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020361.D

Acq: 20 Nov 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

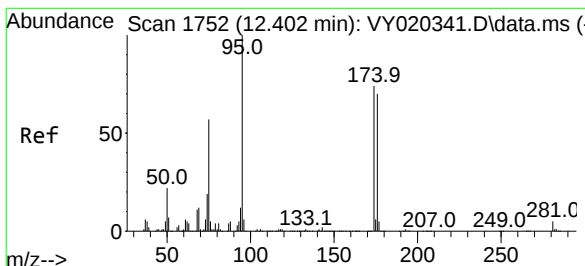
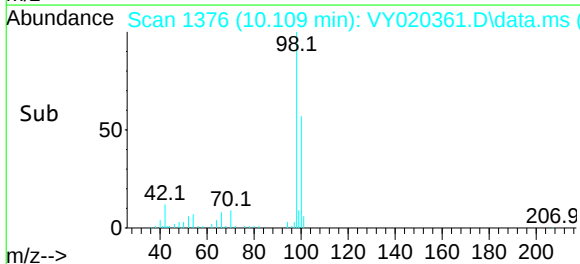
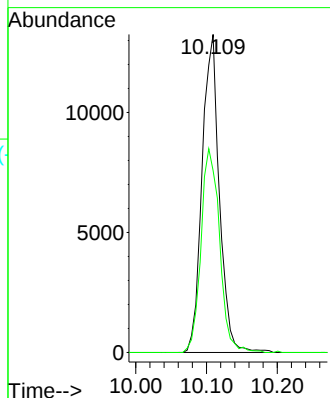
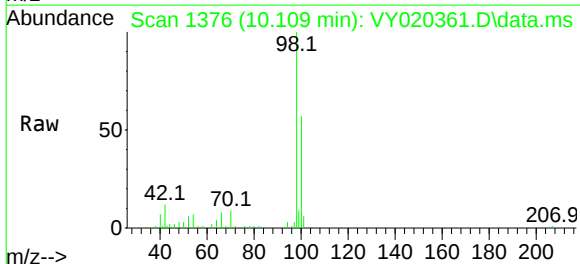
TP-1-VOC

Tgt Ion: 98 Resp: 22496

Ion Ratio Lower Upper

98 100

100 69.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 36.682 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020361.D

Acq: 20 Nov 2024 15:51

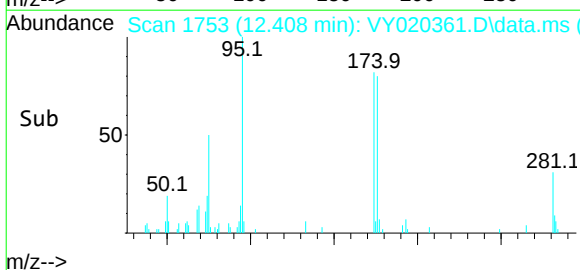
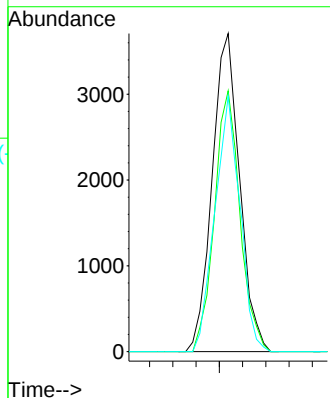
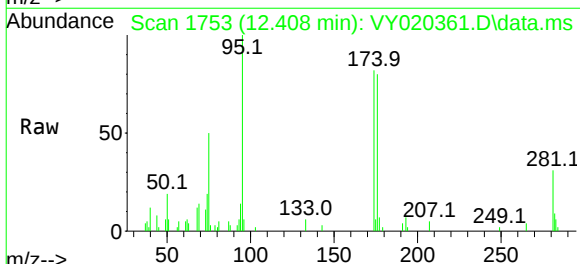
Tgt Ion: 95 Resp: 6071

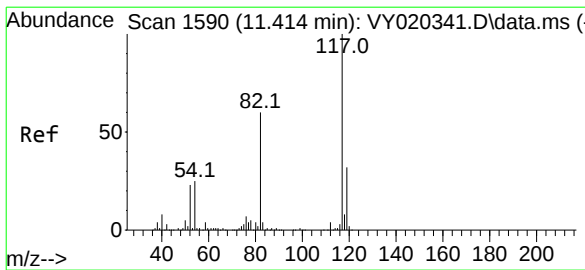
Ion Ratio Lower Upper

95 100

174 76.4 0.0 156.8

176 73.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY020361.D

Acq: 20 Nov 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC

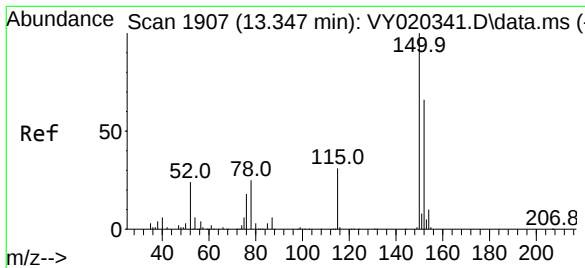
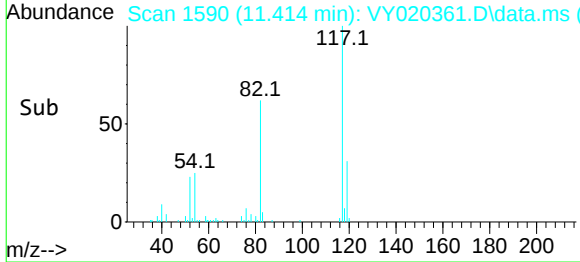
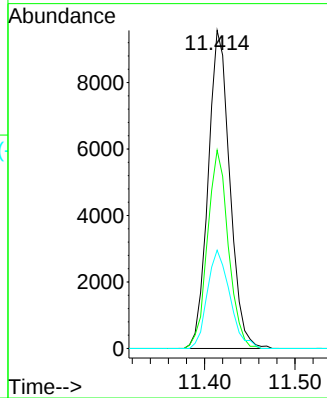
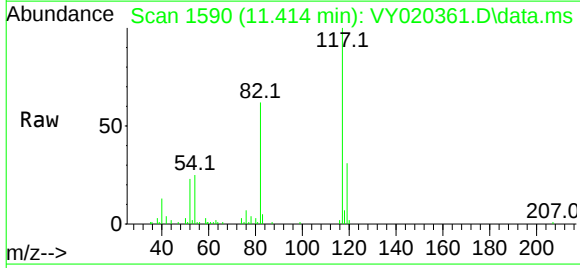
Tgt Ion:117 Resp: 15896

Ion Ratio Lower Upper

117 100

82 62.3 48.2 72.4

119 30.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020361.D

Acq: 20 Nov 2024 15:51

Tgt Ion:152 Resp: 4206

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 165.2 0.0 348.2

