

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020362.D
 Acq On : 20 Nov 2024 16:14
 Operator : SY/MD
 Sample : P4870-12
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-VOC

Quant Time: Nov 21 00:49:42 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	7.707	168	96255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	185155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	69952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66410	60.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.100%
35) Dibromofluoromethane	7.634	113	60612	51.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.103	98	224984	48.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.408	95	77314	51.424	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	102.840%

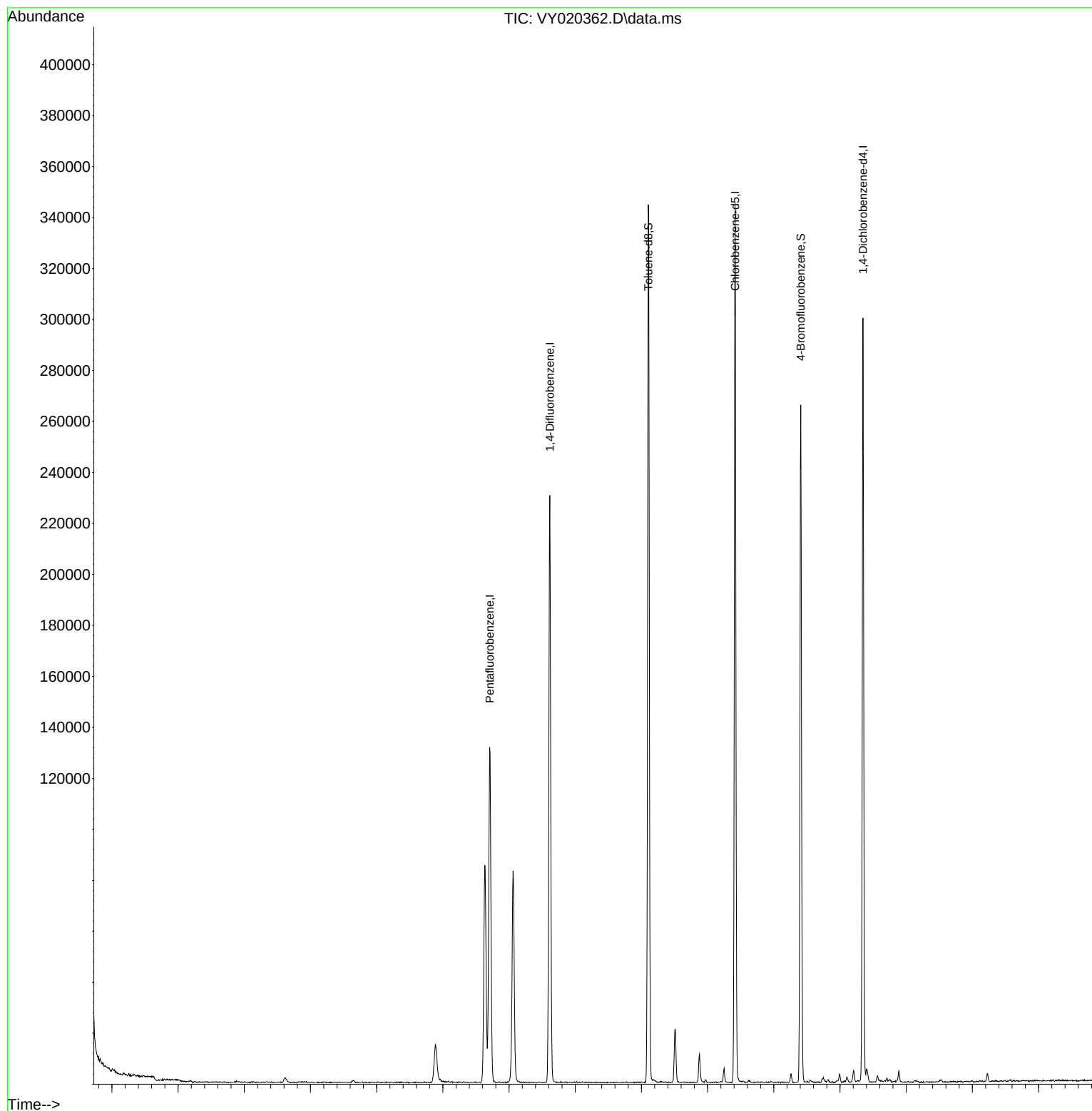
Target Compounds Qvalue

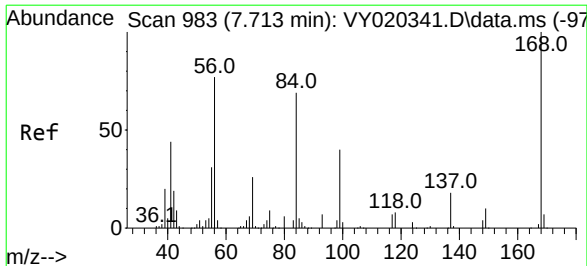
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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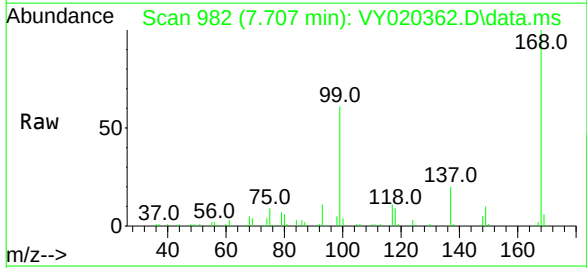
Quant Time: Nov 21 00:49:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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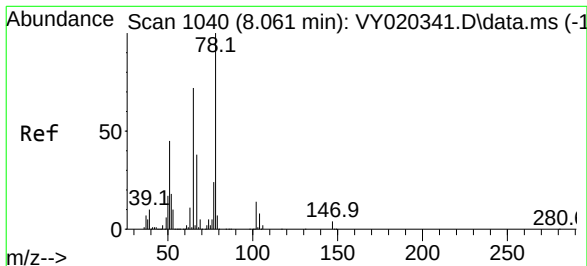
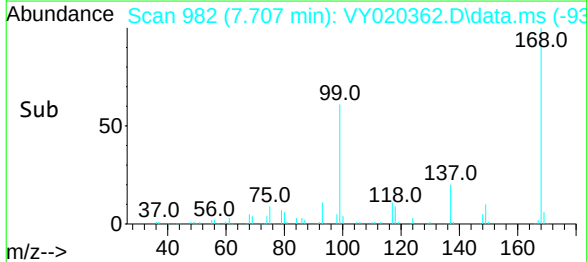
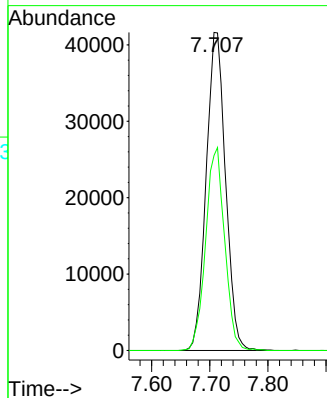


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

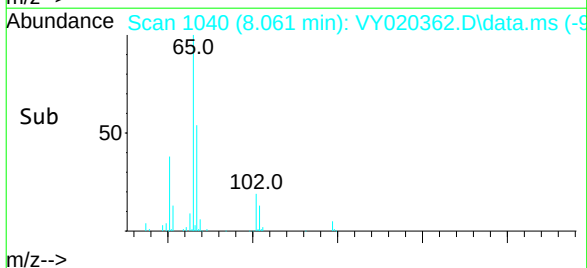
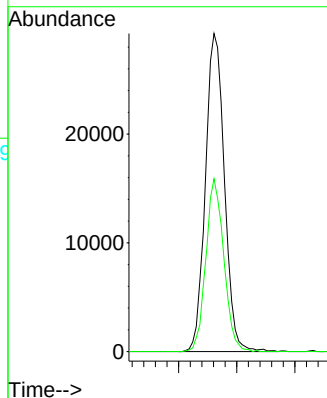
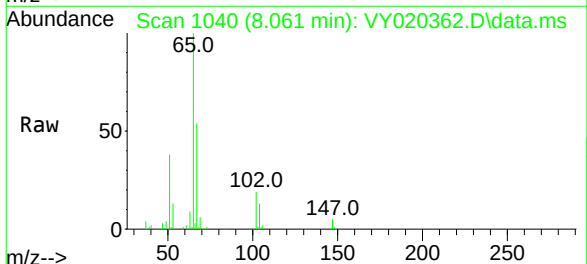


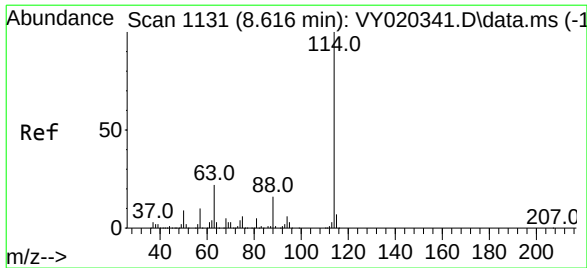
Tgt Ion:168 Resp: 96255
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 60.053 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Tgt Ion: 65 Resp: 66410
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8

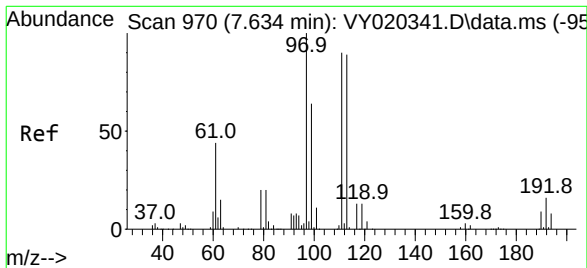
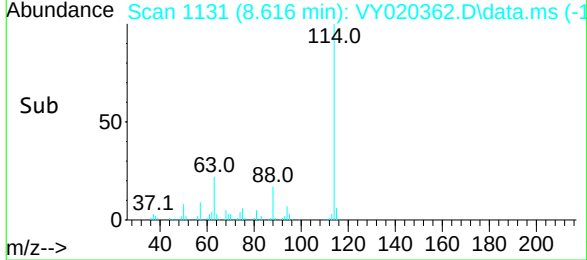
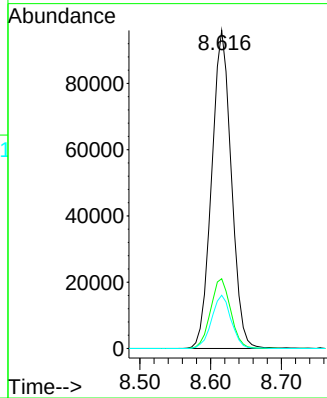
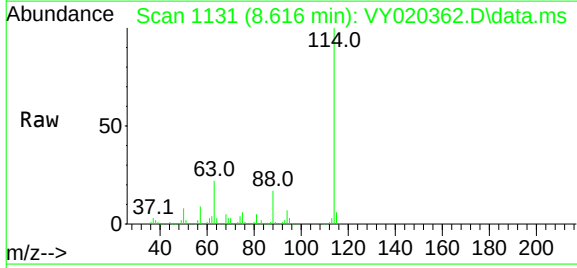




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

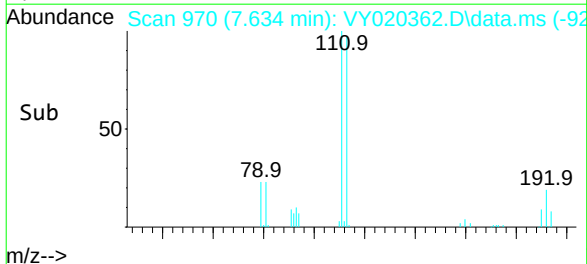
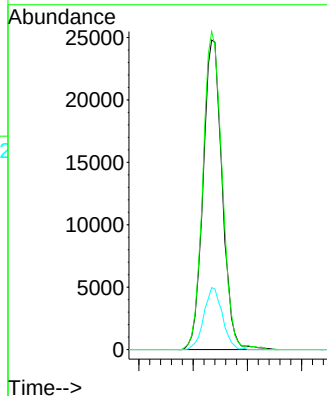
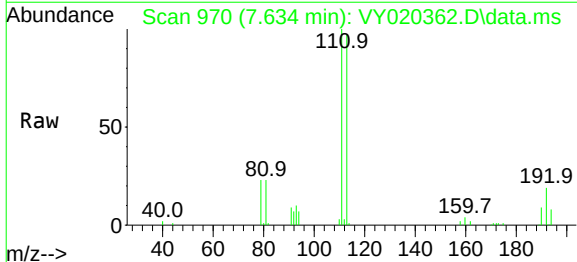
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-VOC

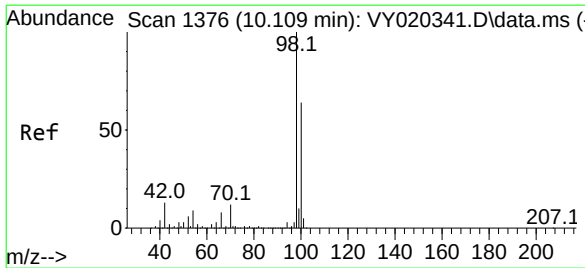
Tgt Ion:114 Resp: 185155
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.8
88 16.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020362.D
Acq: 20 Nov 2024 16:14

Tgt Ion:113 Resp: 60612
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.4 15.1 22.7





#50

Toluene-d8

Concen: 48.105 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020362.D

Acq: 20 Nov 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

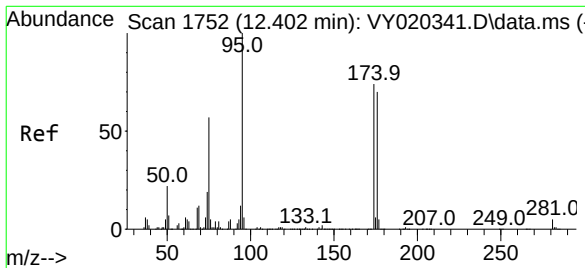
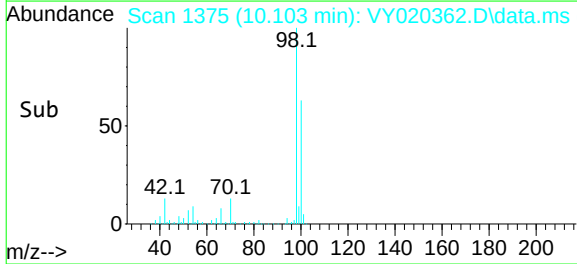
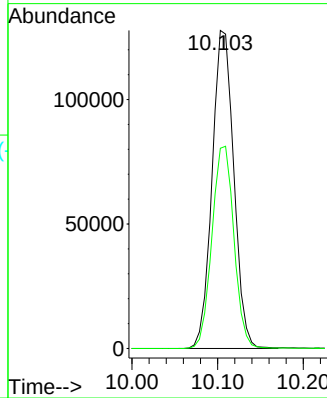
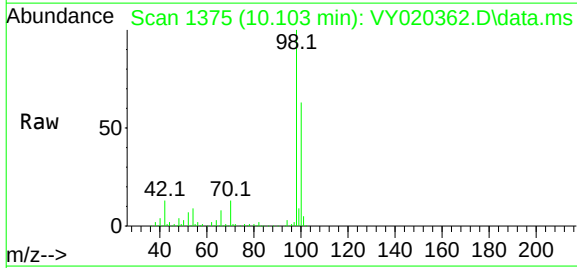
TP-15-VOC

Tgt Ion: 98 Resp: 224984

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.424 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020362.D

Acq: 20 Nov 2024 16:14

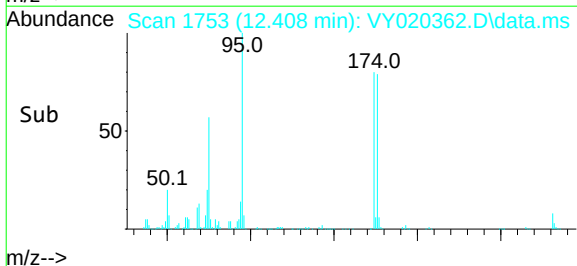
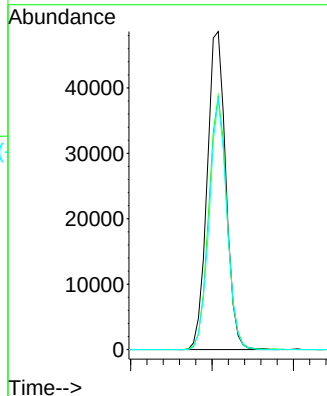
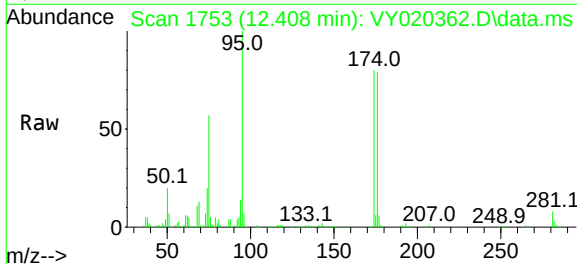
Tgt Ion: 95 Resp: 77314

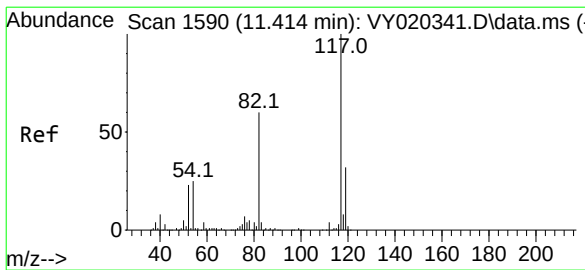
Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.8

176 74.8 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: VY020362.D

Acq: 20 Nov 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-VOC

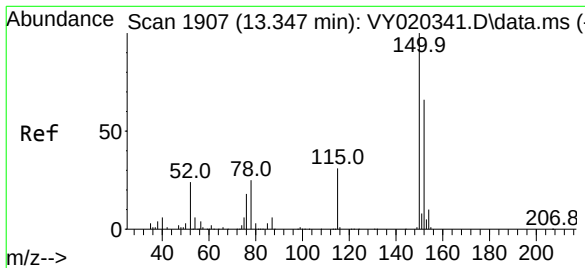
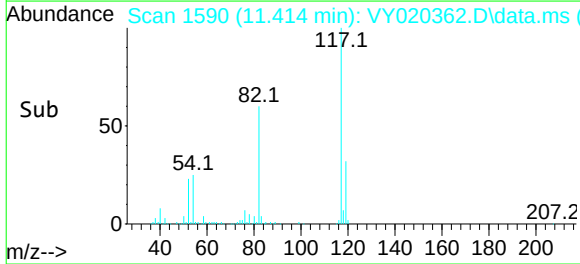
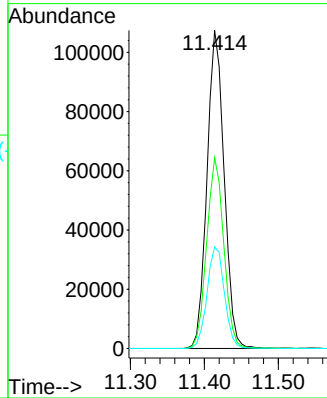
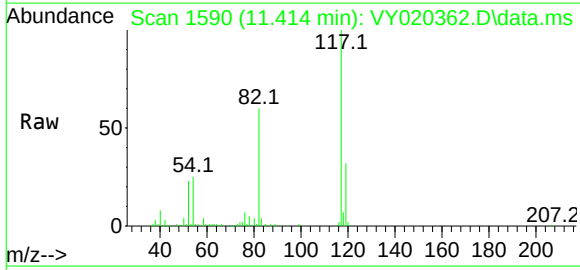
Tgt Ion:117 Resp: 172976

Ion Ratio Lower Upper

117 100

82 60.0 48.2 72.4

119 31.9 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: VY020362.D

Acq: 20 Nov 2024 16:14

Tgt Ion:152 Resp: 69952

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

150 158.0 0.0 348.2

