

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016311.D
 Acq On : 10 Nov 2023 18:00
 Operator : SY/MD
 Sample : 05380-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-7-VOC

Quant Time: Nov 10 22:23:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	96749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	175498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	167783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62980	71.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.440%
35) Dibromofluoromethane	7.734	113	54902	55.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.191	98	206225	51.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.495	95	72935	55.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.100%

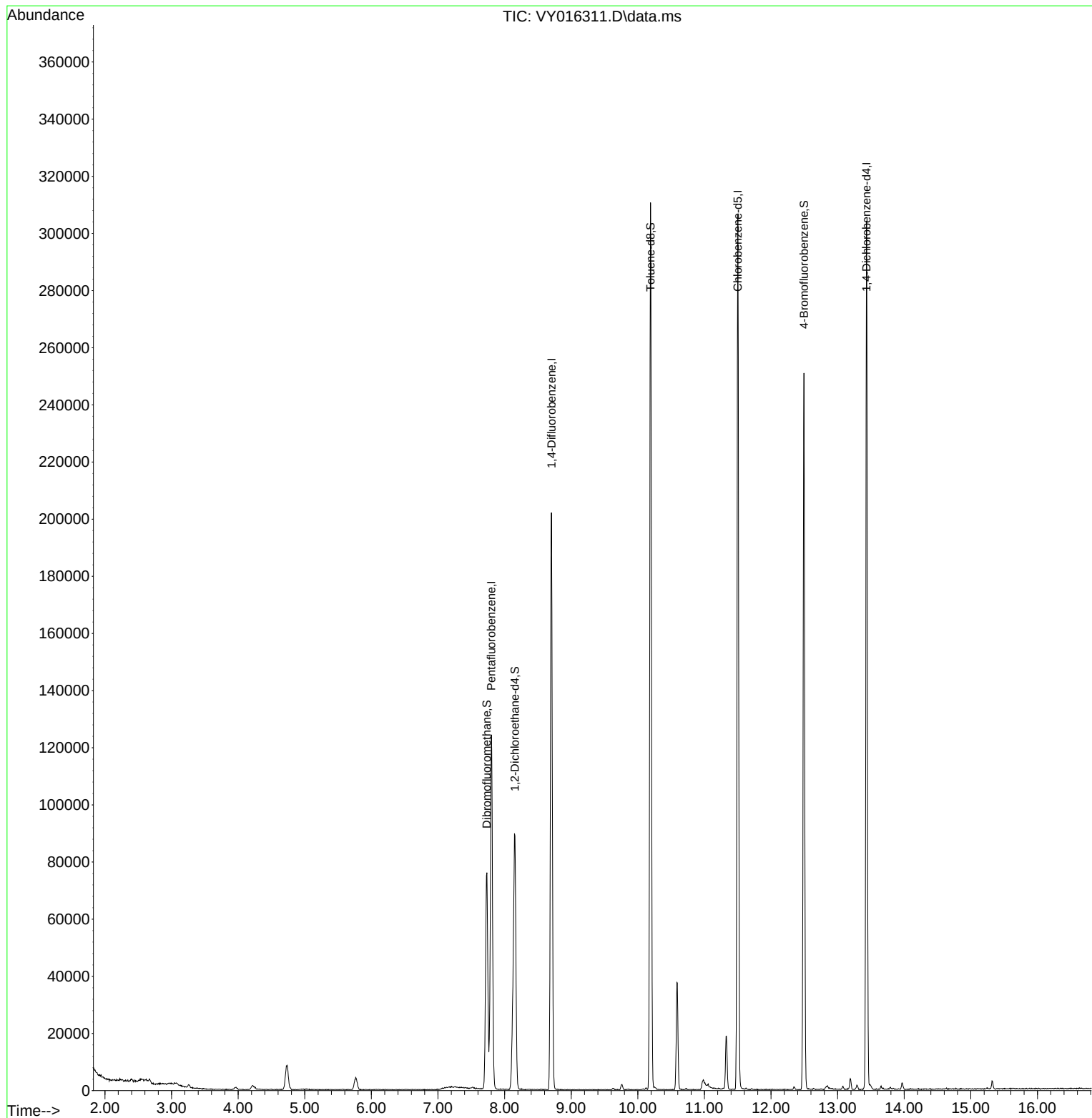
Target Compounds	Qvalue

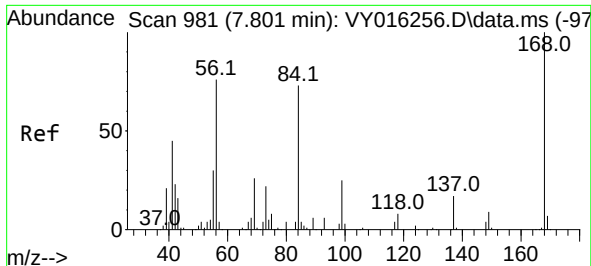
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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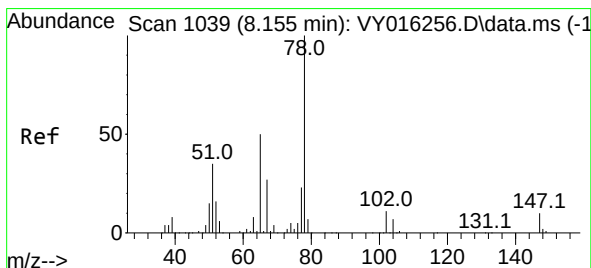
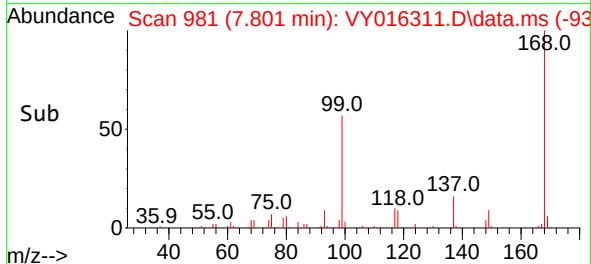
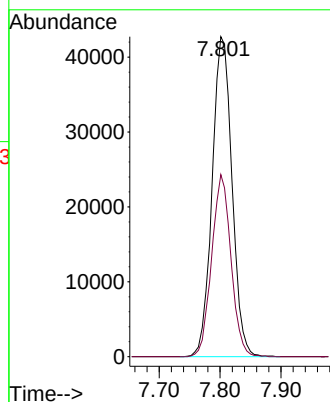
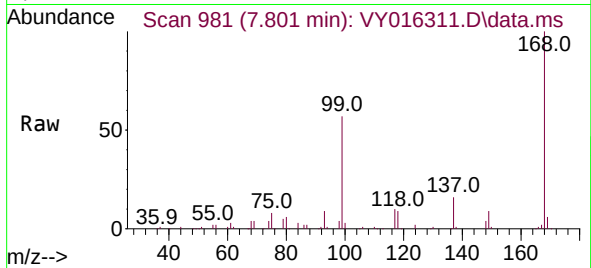




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016311.D
Acq: 10 Nov 2023 18:00

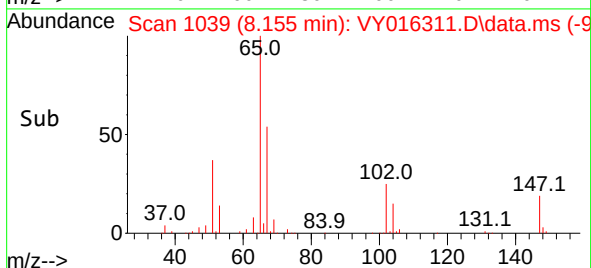
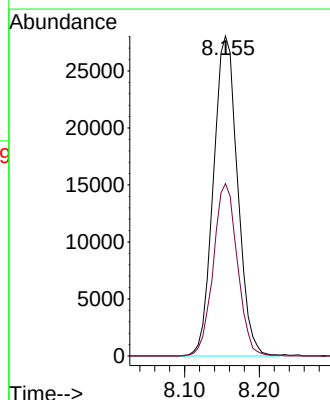
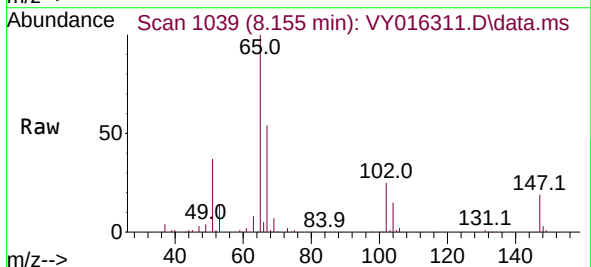
Instrument :
MSVOA_Y
ClientSampleId :
WC-7-VOC

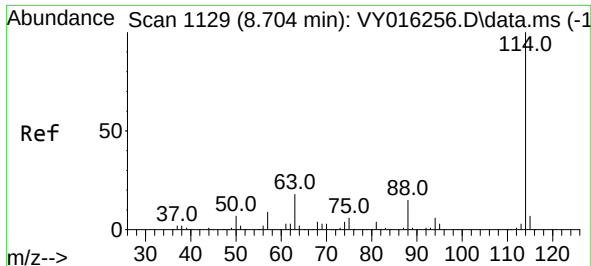
Tgt Ion:168 Resp: 96749
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 71.224 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016311.D
Acq: 10 Nov 2023 18:00

Tgt Ion: 65 Resp: 62980
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016311.D

Acq: 10 Nov 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

WC-7-VOC

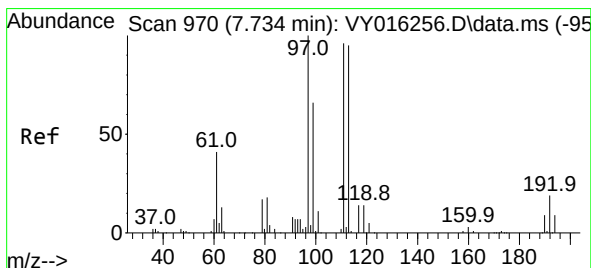
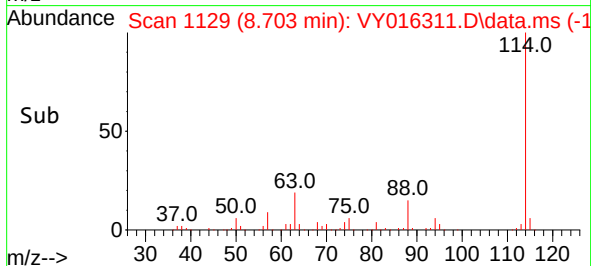
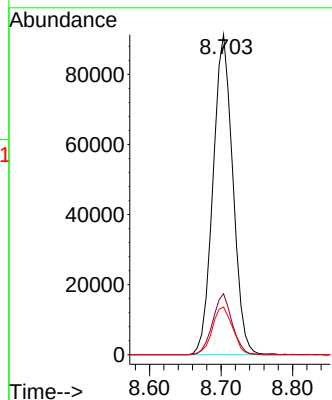
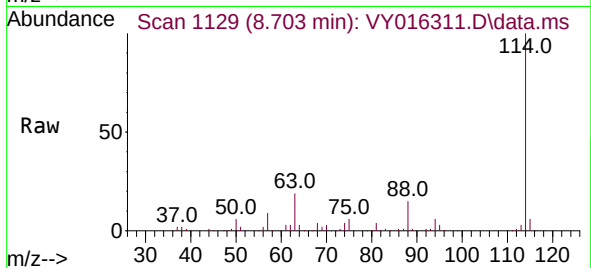
Tgt Ion:114 Resp: 175498

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.071 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016311.D

Acq: 10 Nov 2023 18:00

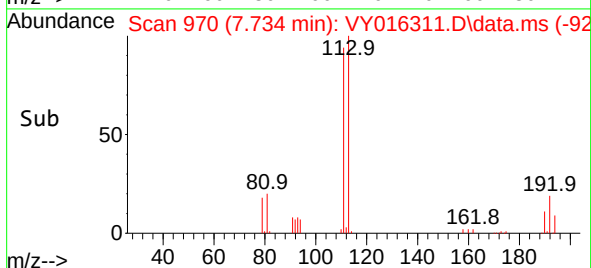
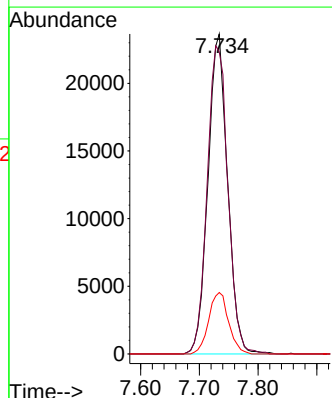
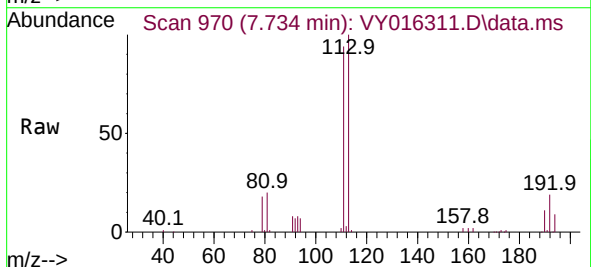
Tgt Ion:113 Resp: 54902

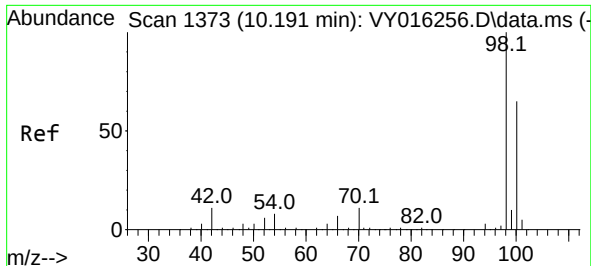
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.5 16.9 25.3

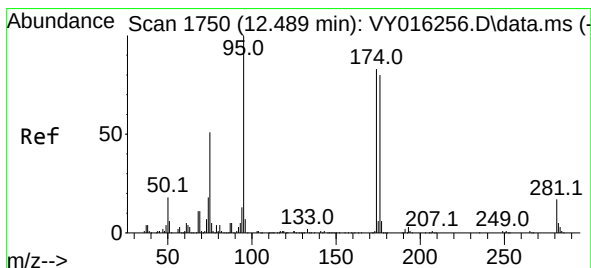
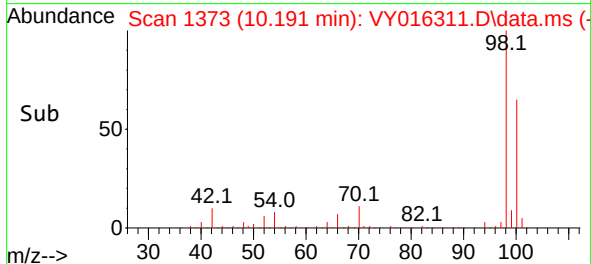
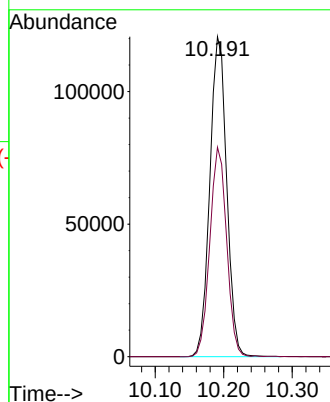
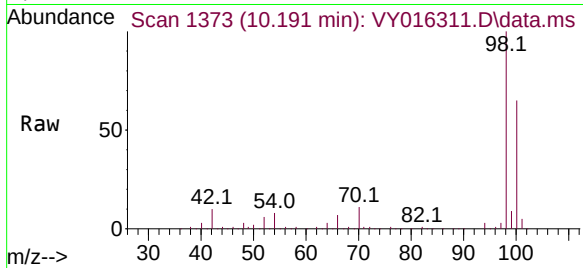




#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016311.D
Acq: 10 Nov 2023 18:00

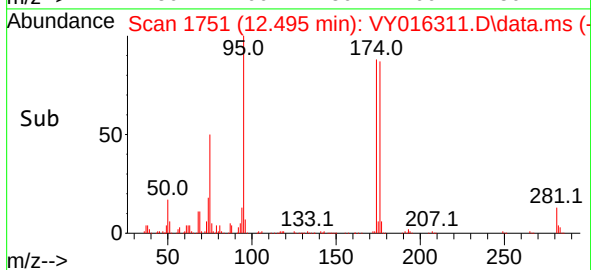
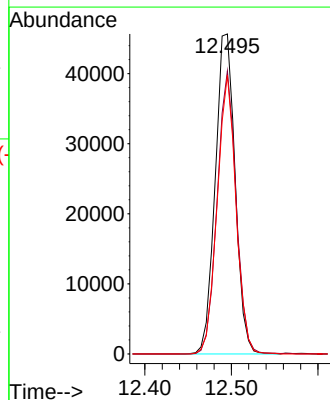
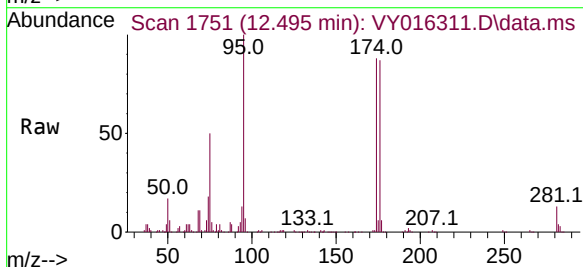
Instrument :
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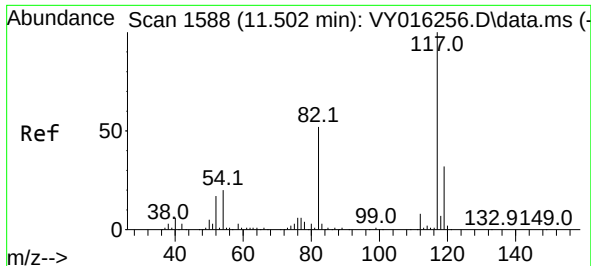
Tgt Ion: 98 Resp: 206225
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.547 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016311.D
Acq: 10 Nov 2023 18:00

Tgt Ion: 95 Resp: 72935
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 82.1 0.0 173.8

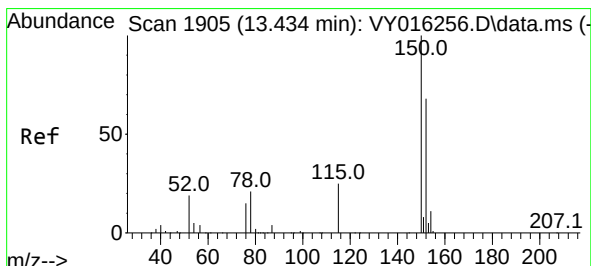
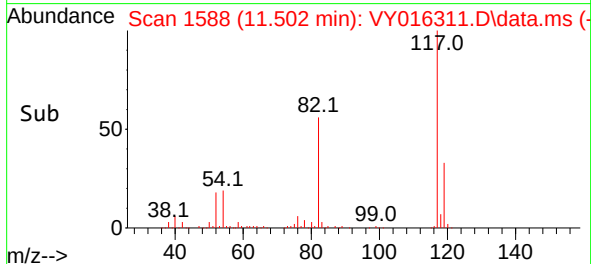
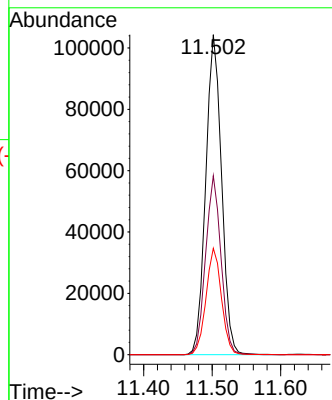
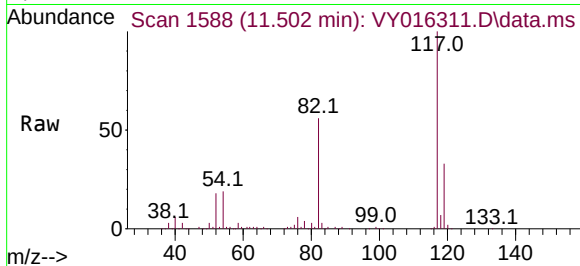




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016311.D
Acq: 10 Nov 2023 18:00

Instrument :
MSVOA_Y
ClientSampleId :
WC-7-VOC

Tgt Ion:117 Resp: 167783
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 33.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016311.D
Acq: 10 Nov 2023 18:00

Tgt Ion:152 Resp: 79413
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 155.5 0.0 348.8

