

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019342.D
 Acq On : 28 Aug 2024 20:13
 Operator : SY/MD
 Sample : P3739-03
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Aug 29 01:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	156270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	283024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	95943	61.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.500%
35) Dibromofluoromethane	7.622	113	90892	49.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.103	98	322253	48.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.407	95	106228	46.791	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.580%

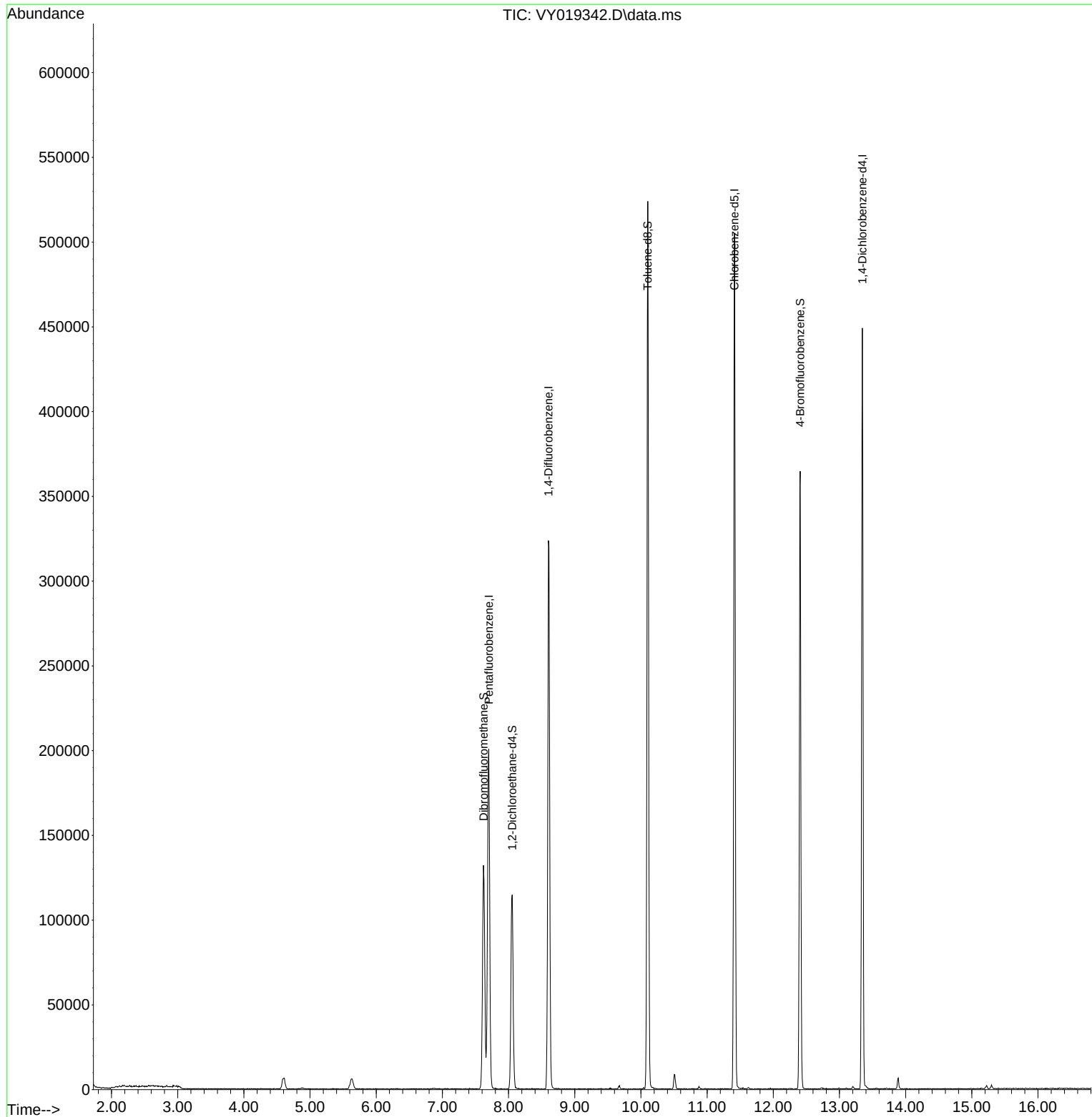
Target Compounds	Qvalue

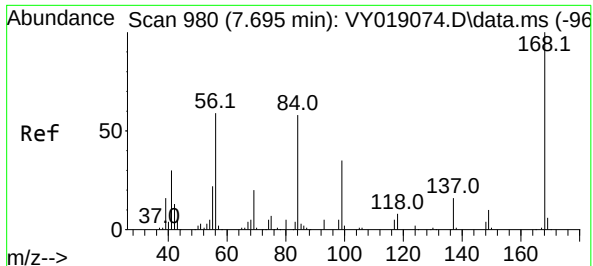
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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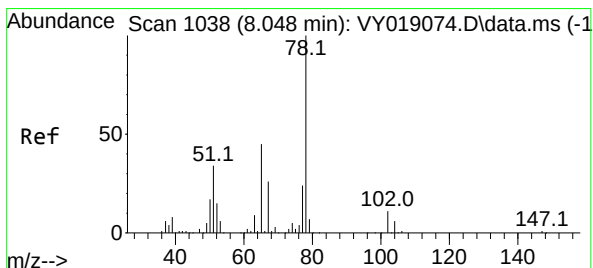
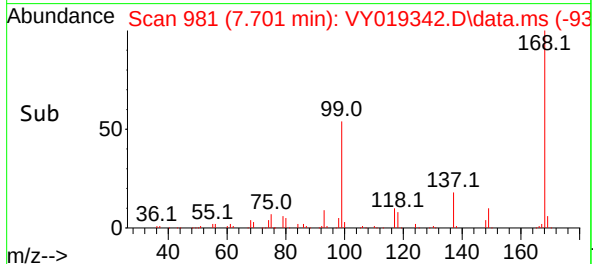
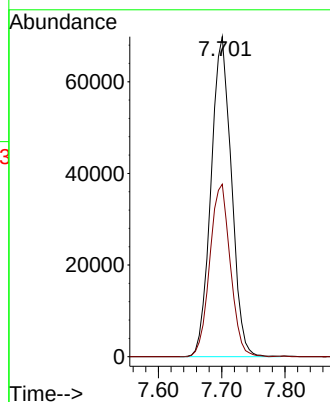
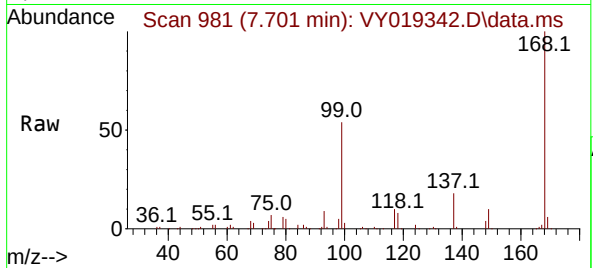




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

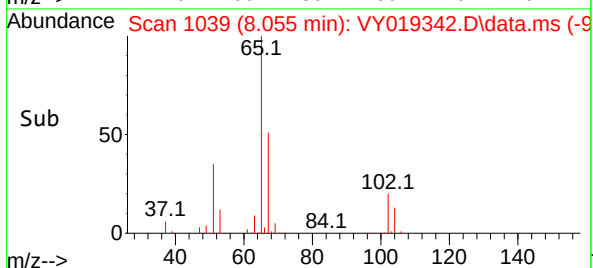
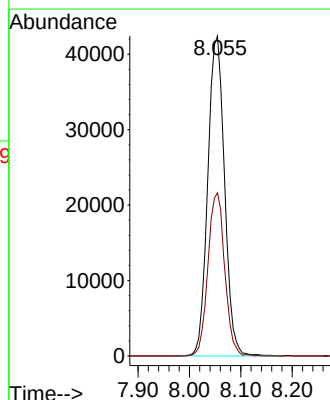
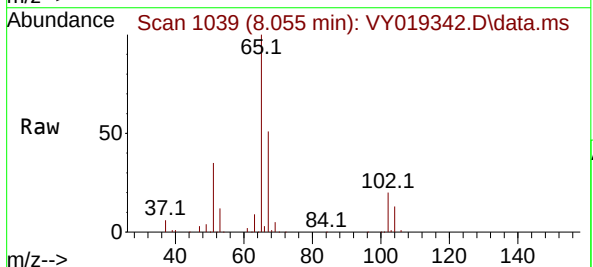
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

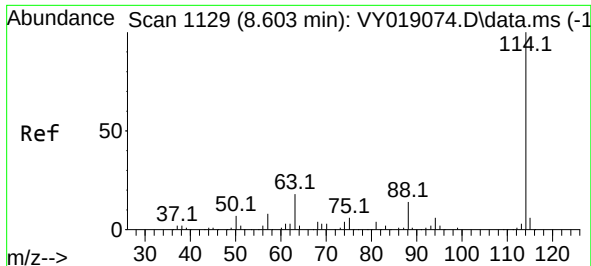
Tgt Ion:168 Resp: 156270
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.247 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Tgt Ion: 65 Resp: 95943
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019342.D

Acq: 28 Aug 2024 20:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

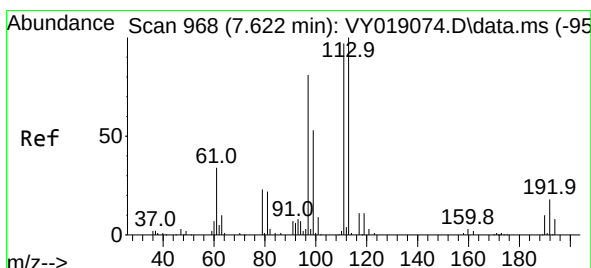
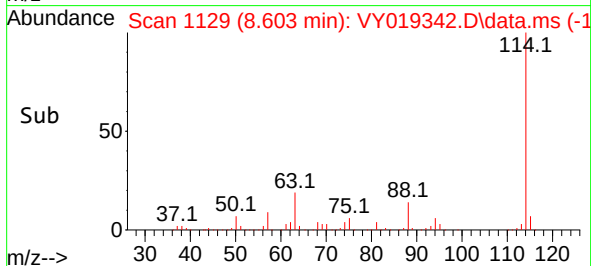
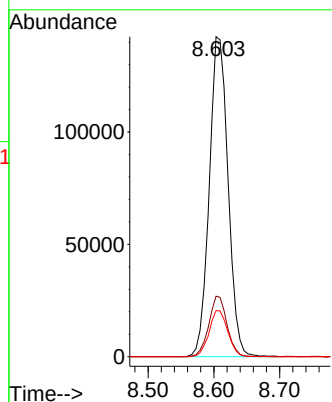
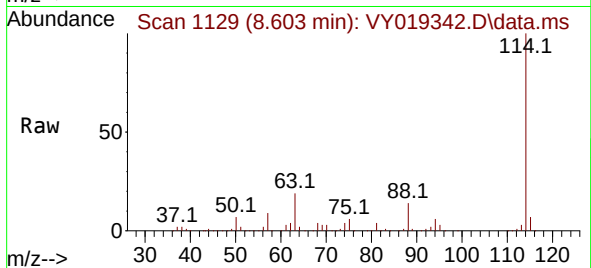
Tgt Ion:114 Resp: 283024

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019342.D

Acq: 28 Aug 2024 20:13

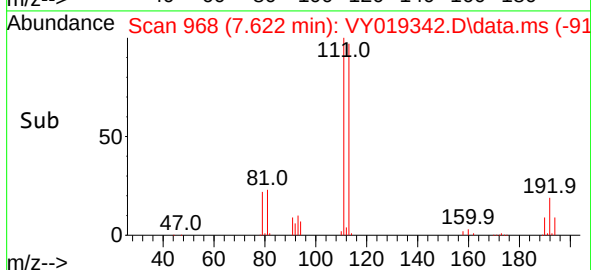
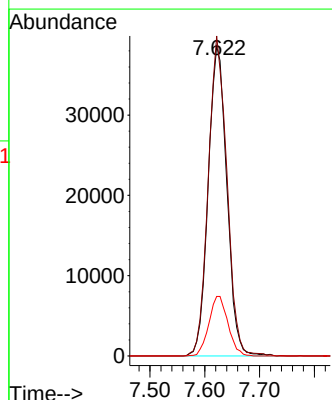
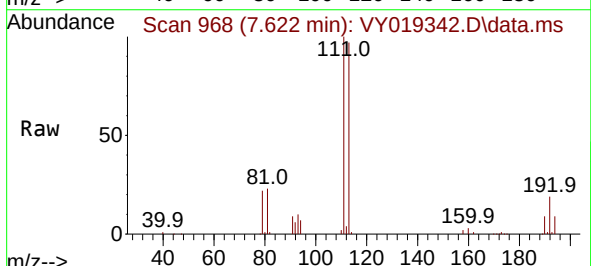
Tgt Ion:113 Resp: 90892

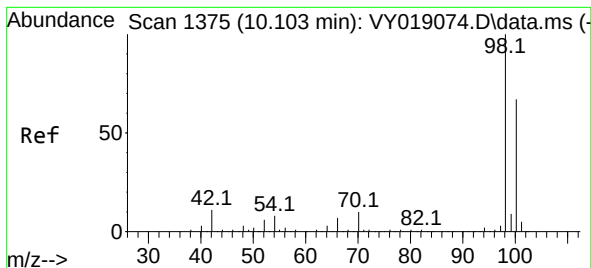
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.7 15.9 23.9

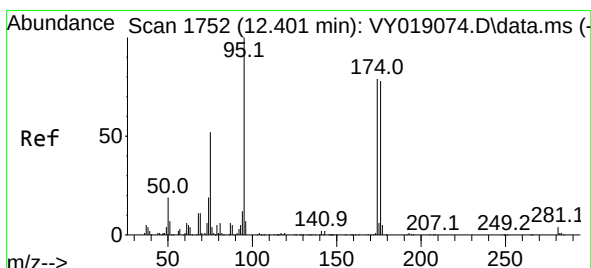
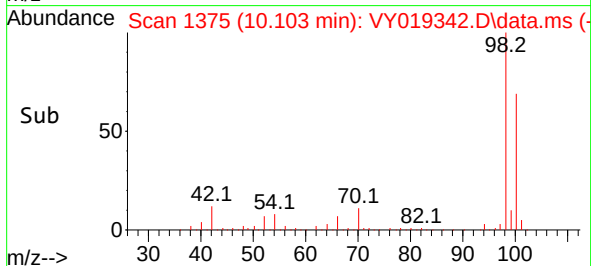
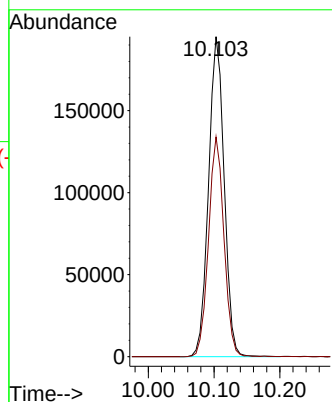
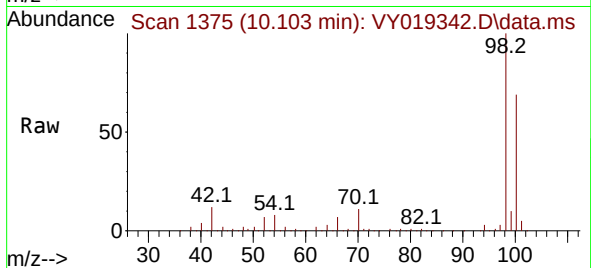




#50
Toluene-d8
Concen: 48.389 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

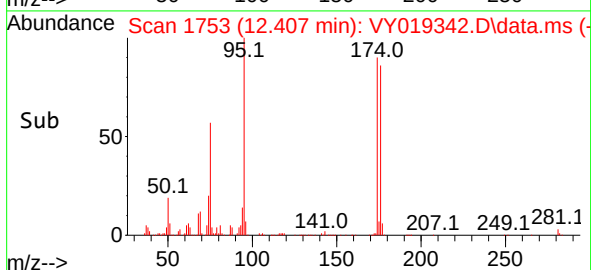
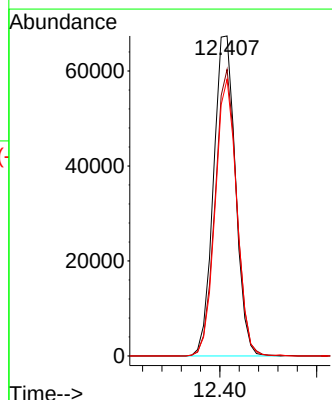
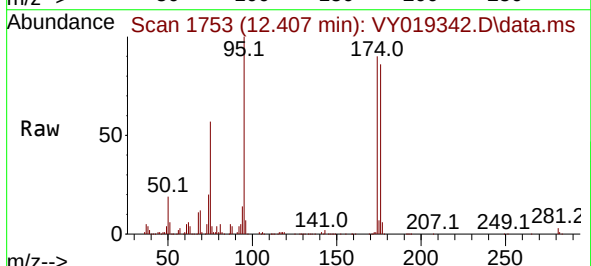
Instrument :
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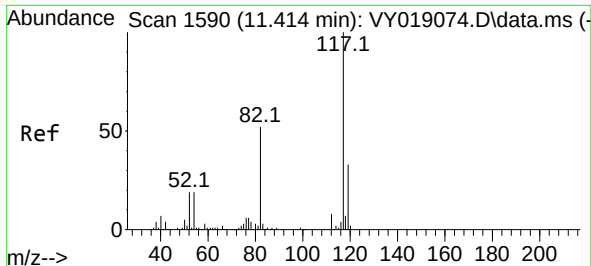
Tgt Ion: 98 Resp: 322253
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.791 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Tgt Ion: 95 Resp: 106228
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 84.8 0.0 171.4

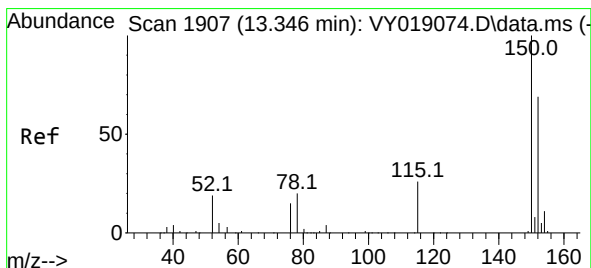
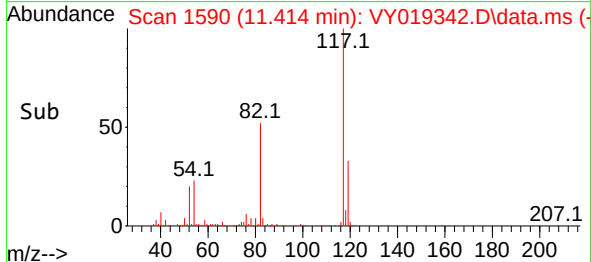
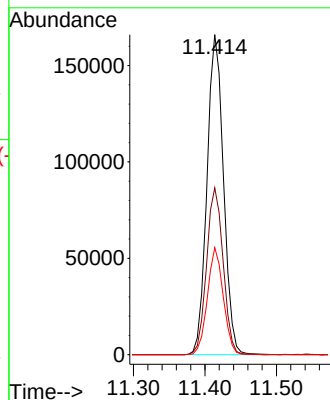
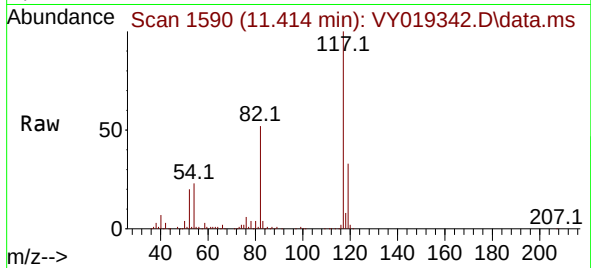




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

Tgt Ion:117 Resp: 266292
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 33.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019342.D
Acq: 28 Aug 2024 20:13

Tgt Ion:152 Resp: 108287
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 160.3 0.0 345.6

