

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019344.D
 Acq On : 28 Aug 2024 21:03
 Operator : SY/MD
 Sample : P3739-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Aug 29 01:39:59 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	7.695	168	26881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	39712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	21594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	8060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	11247	41.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.480%
35) Dibromofluoromethane	7.622	113	11965	46.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.160%
50) Toluene-d8	10.103	98	35182	37.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.300%
62) 4-Bromofluorobenzene	12.408	95	9476	29.748	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	59.500%

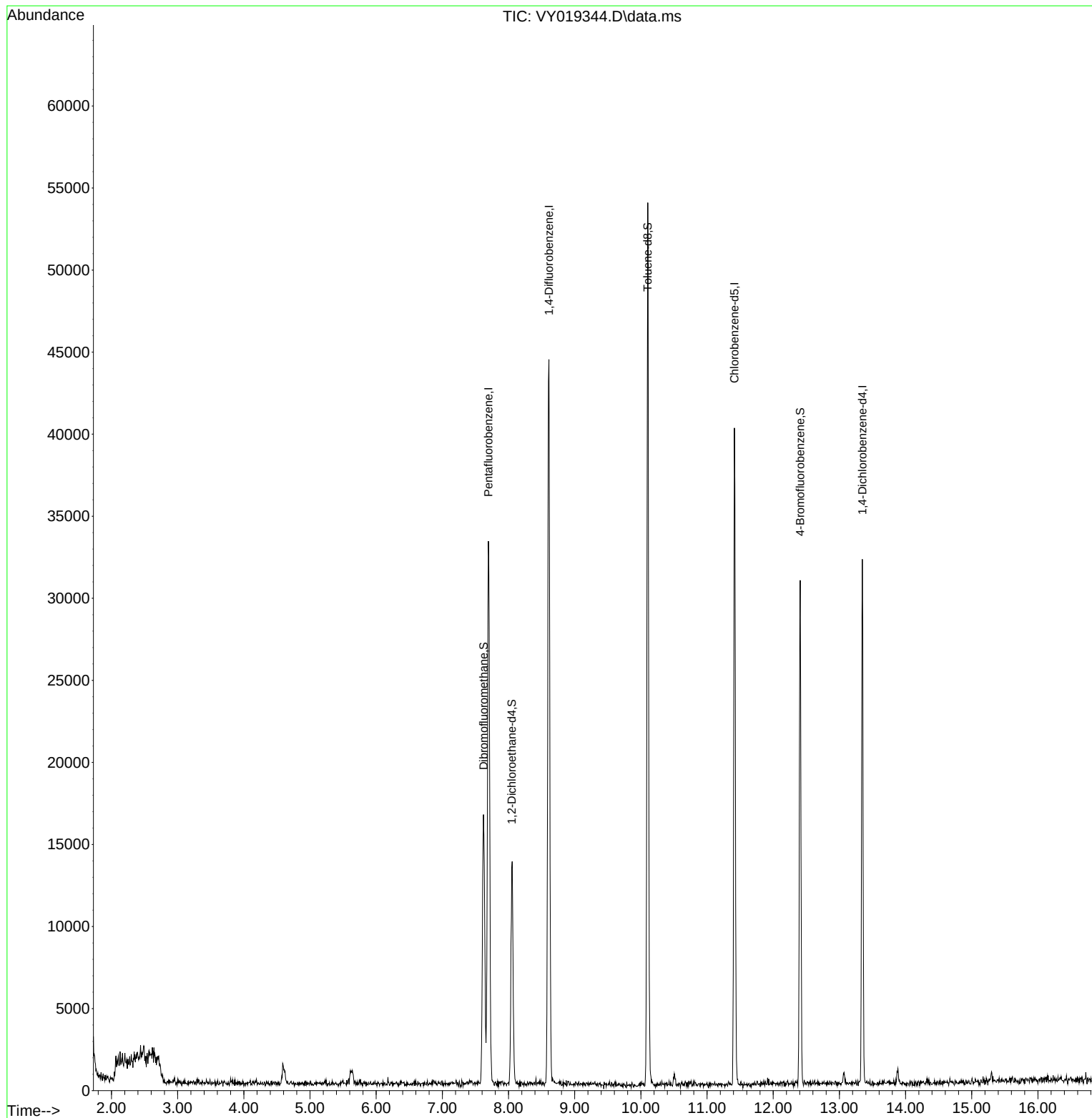
Target Compounds	Qvalue

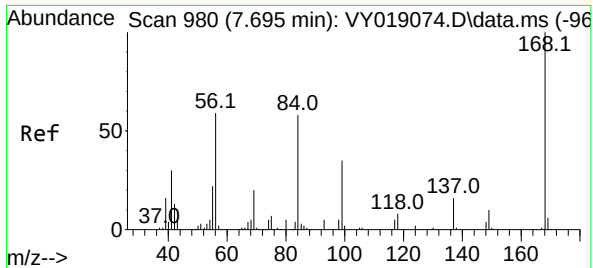
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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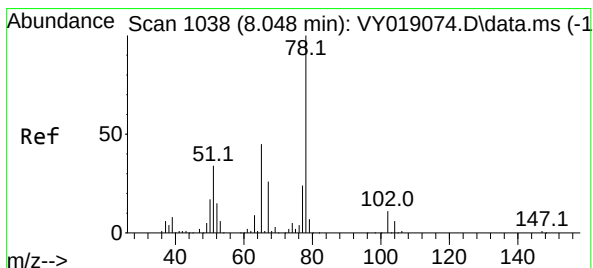
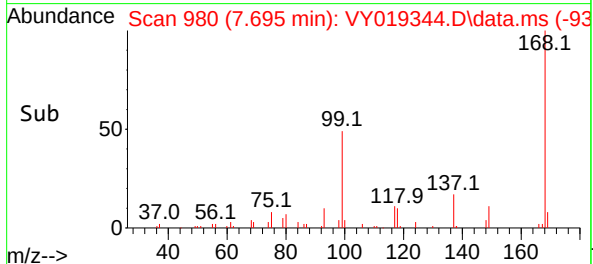
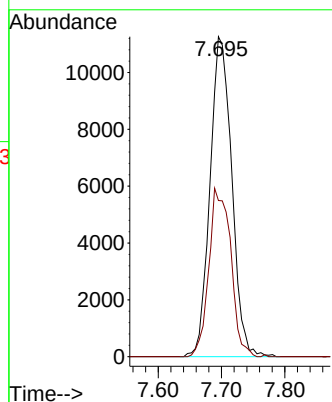
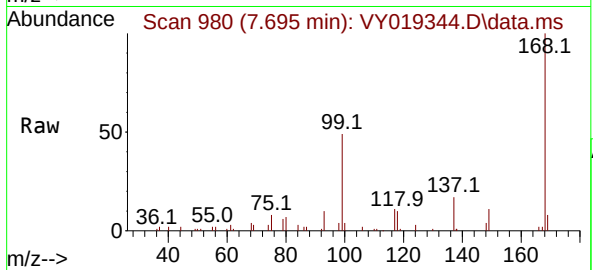




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

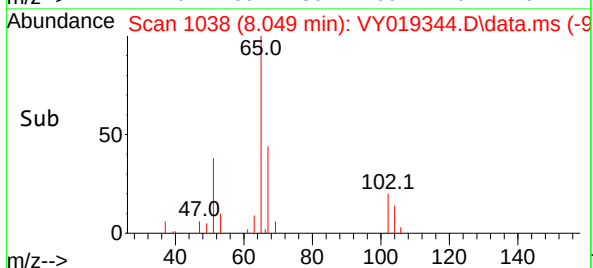
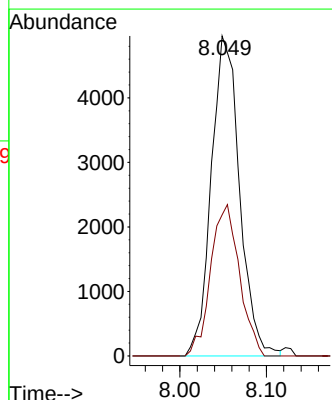
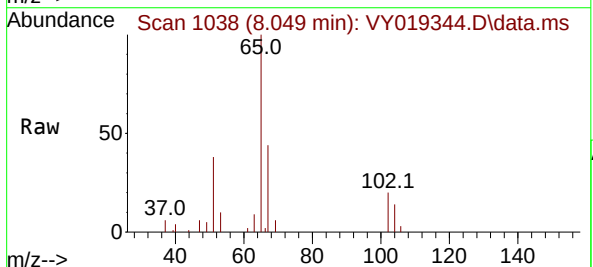
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

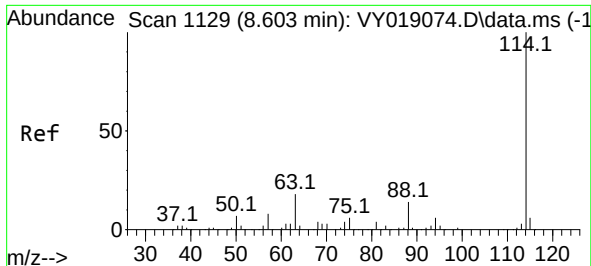
Tgt Ion:168 Resp: 26881
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.739 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Tgt Ion: 65 Resp: 11247
Ion Ratio Lower Upper
65 100
67 48.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019344.D

Acq: 28 Aug 2024 21:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

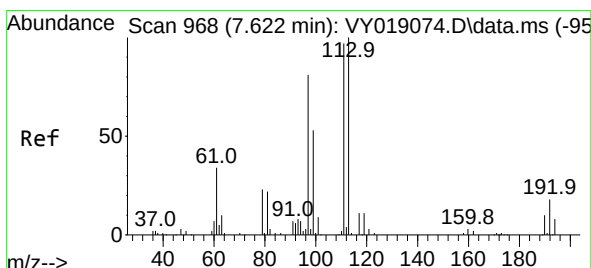
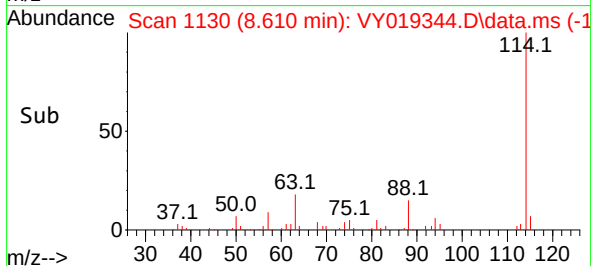
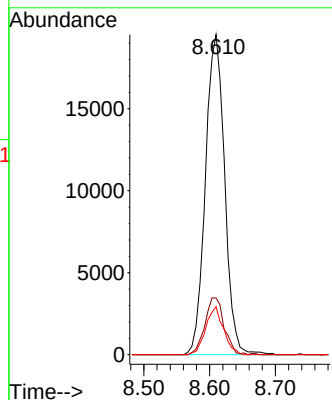
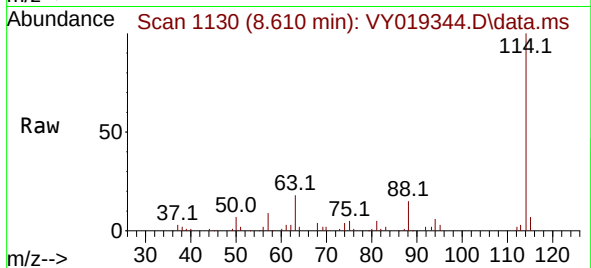
Tgt Ion:114 Resp: 39712

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.079 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019344.D

Acq: 28 Aug 2024 21:03

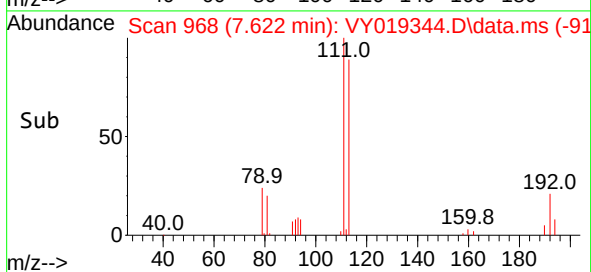
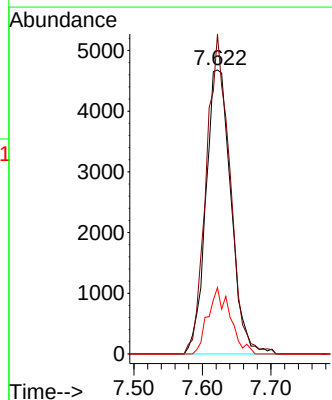
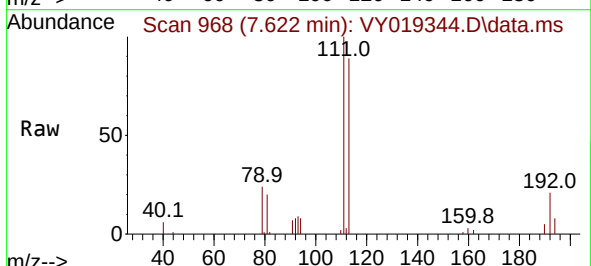
Tgt Ion:113 Resp: 11965

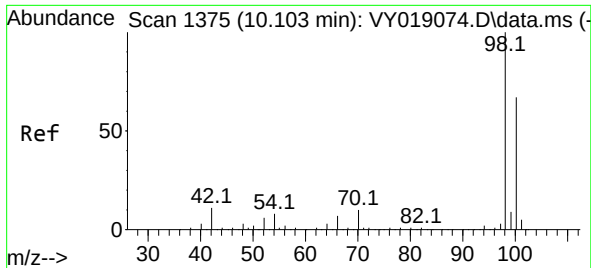
Ion Ratio Lower Upper

113 100

111 105.5 82.2 123.4

192 20.7 15.9 23.9

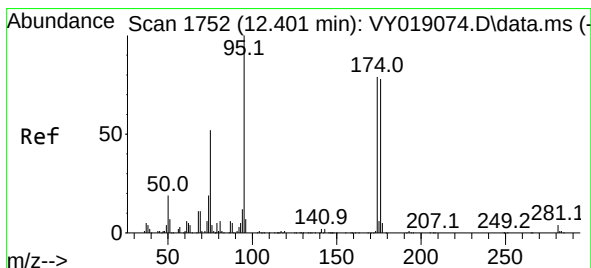
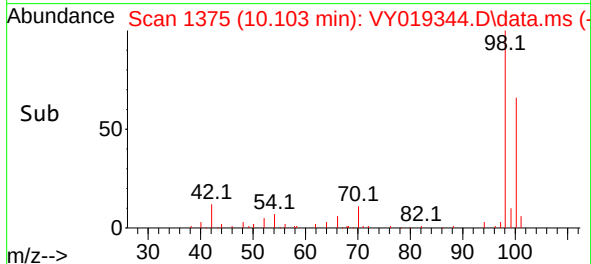
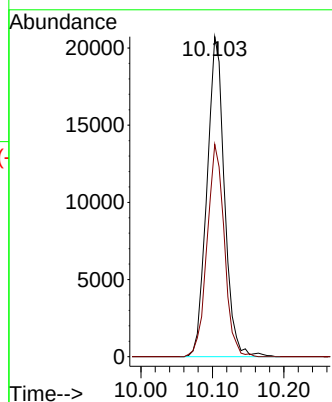
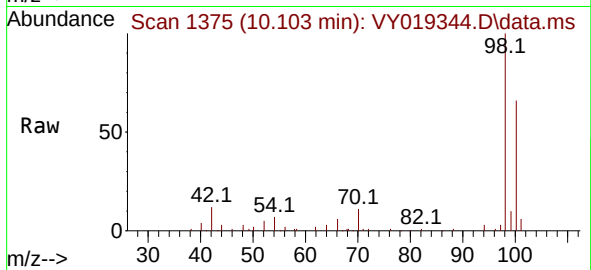




#50
Toluene-d8
Concen: 37.651 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

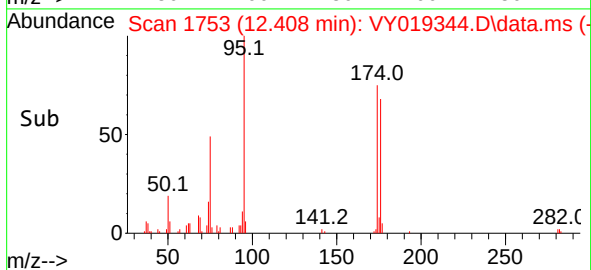
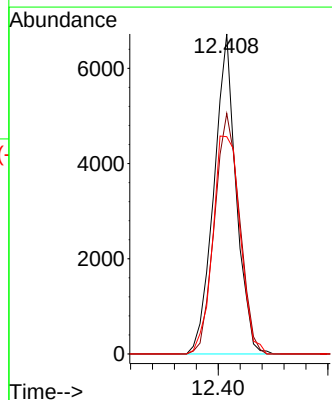
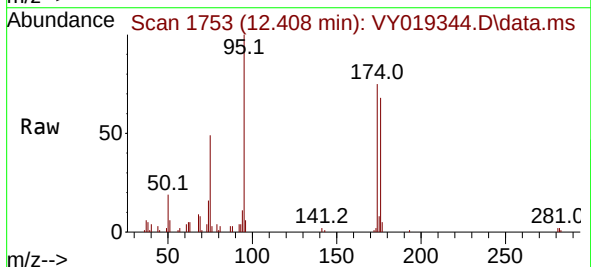
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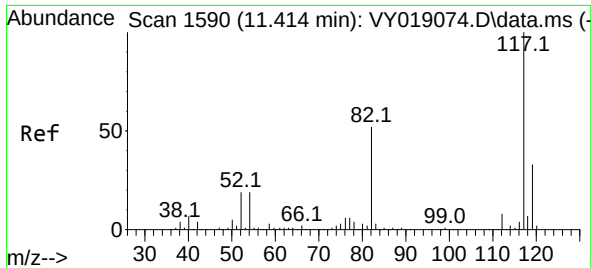
Tgt Ion: 98 Resp: 35182
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.748 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Tgt Ion: 95 Resp: 9476
Ion Ratio Lower Upper
95 100
174 84.5 0.0 175.6
176 84.0 0.0 171.4

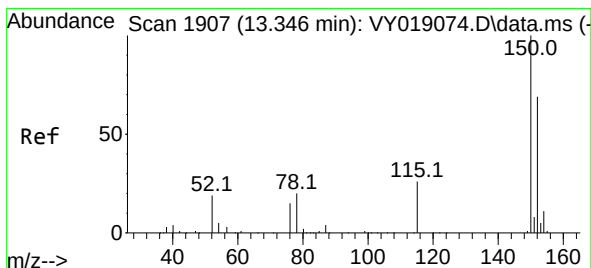
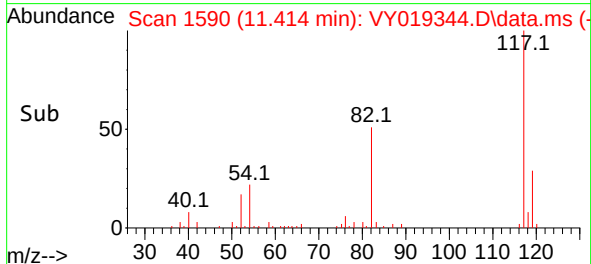
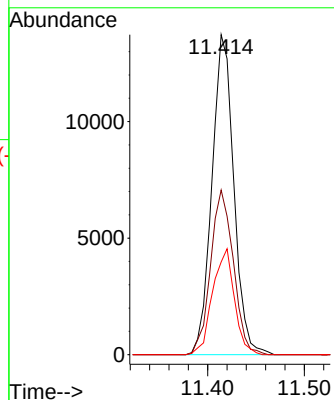
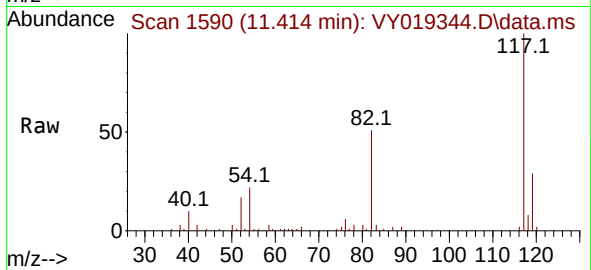




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

Tgt Ion:117 Resp: 21594
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 28.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019344.D
Acq: 28 Aug 2024 21:03

Tgt Ion:152 Resp: 8060
Ion Ratio Lower Upper
152 100
115 60.5 28.2 84.7
150 157.6 0.0 345.6

