

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019343.D
 Acq On : 28 Aug 2024 20:38
 Operator : SY/MD
 Sample : P3739-07
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Aug 29 01:39:38 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	139930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	240665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	217282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85595	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	72440	51.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.280%
35) Dibromofluoromethane	7.622	113	75912	48.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.103	98	276436	48.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.408	95	83765	43.391	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.780%

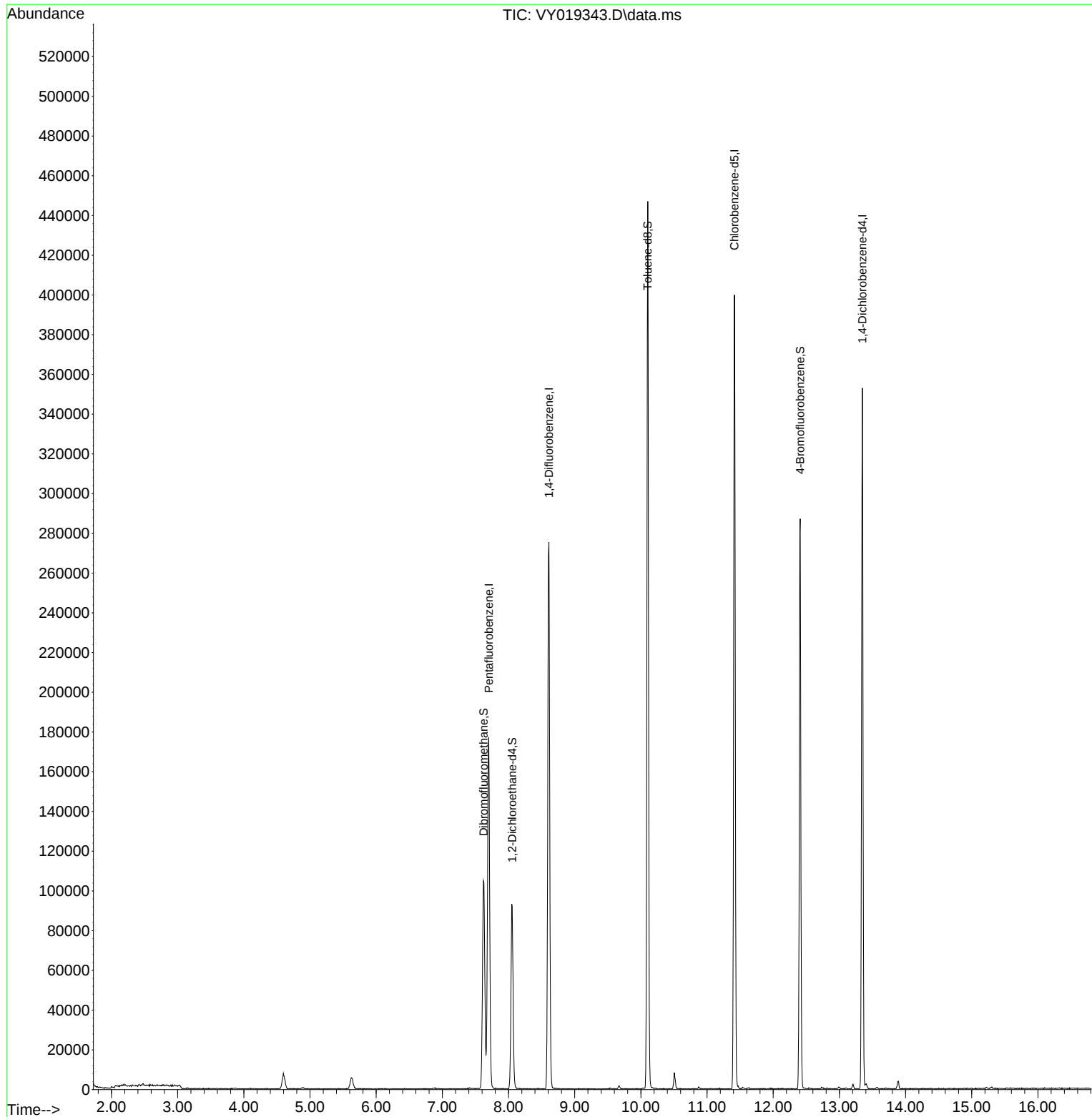
Target Compounds	Qvalue

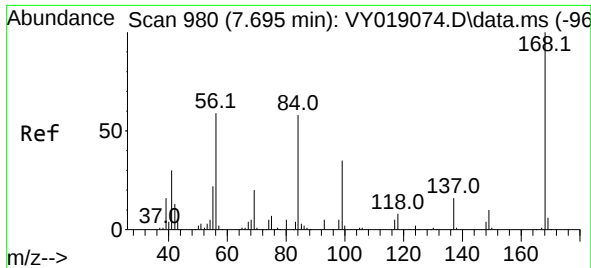
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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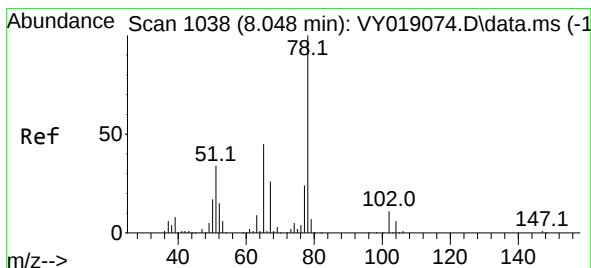
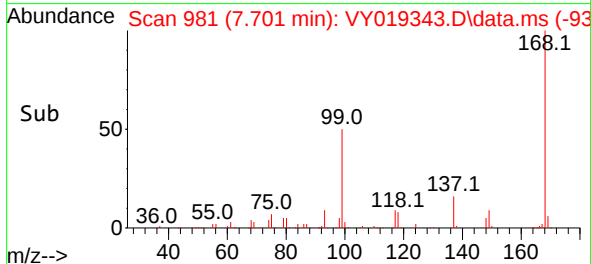
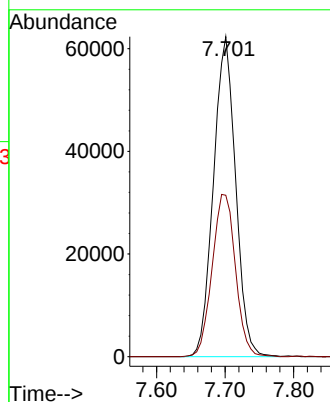
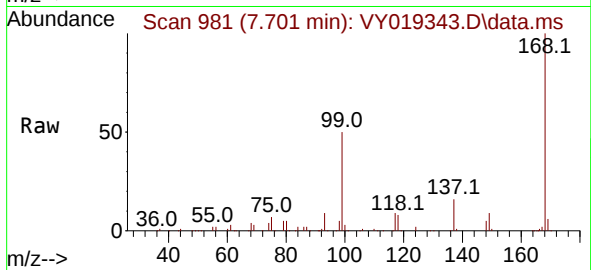




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

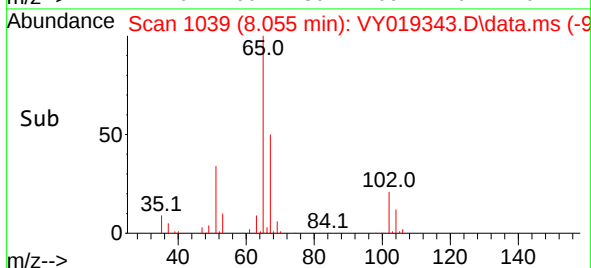
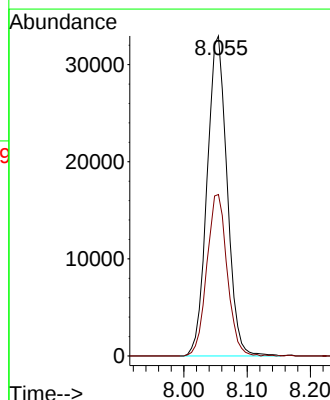
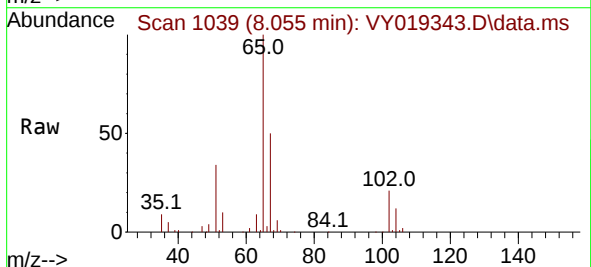
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion:168 Resp: 139930
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.644 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Tgt Ion: 65 Resp: 72440
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

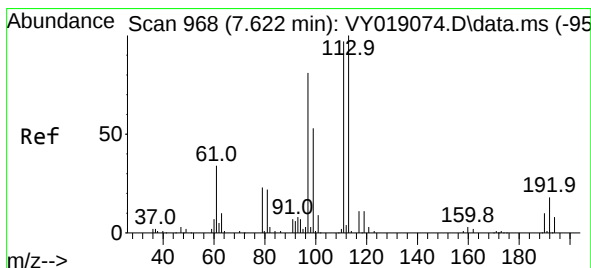
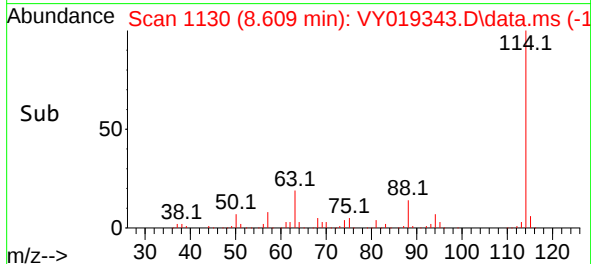
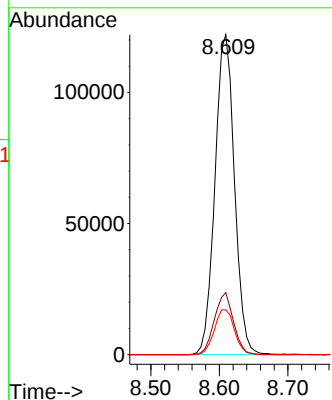
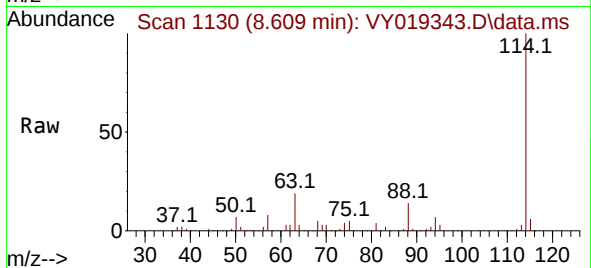
Tgt Ion:114 Resp: 240665

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.241 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

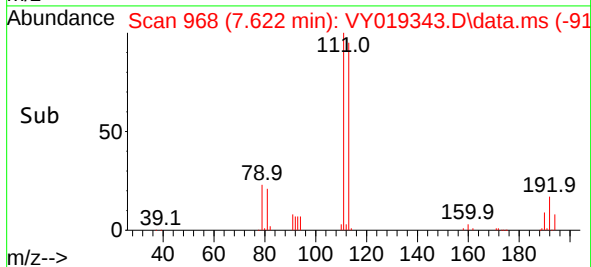
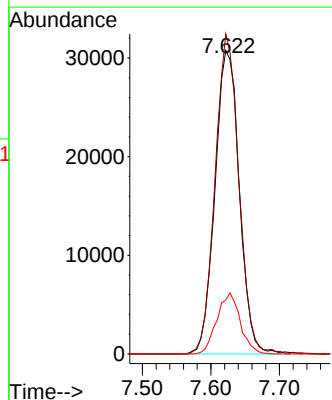
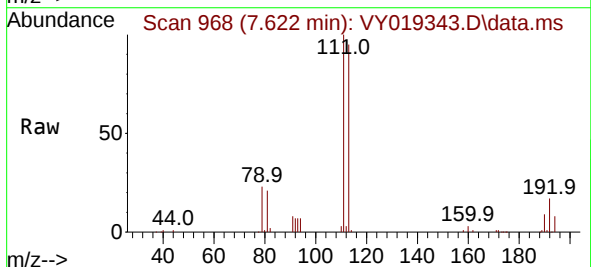
Tgt Ion:113 Resp: 75912

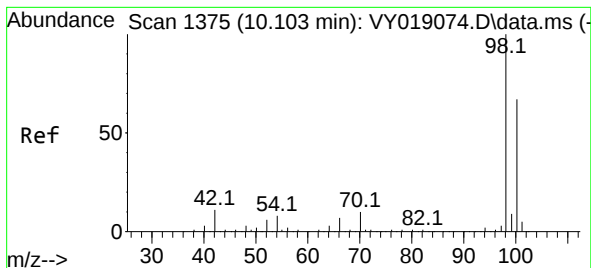
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 19.3 15.9 23.9





#50

Toluene-d8

Concen: 48.815 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :

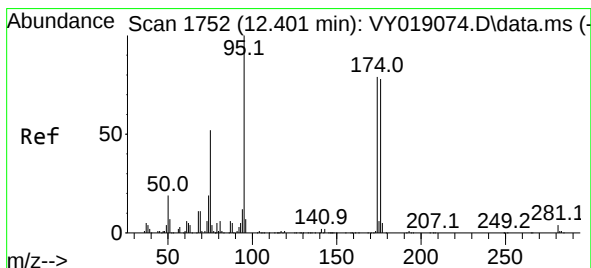
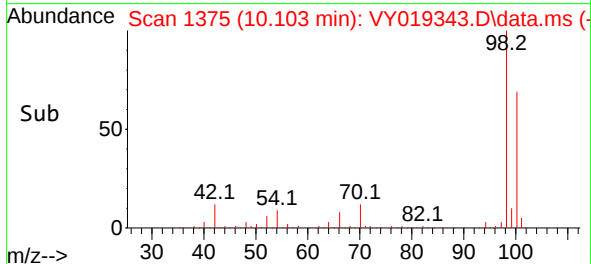
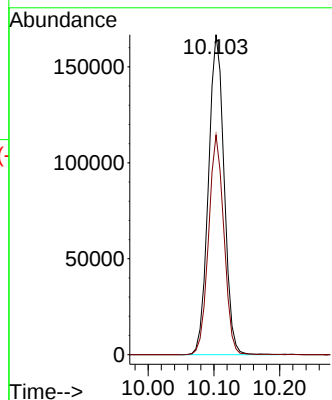
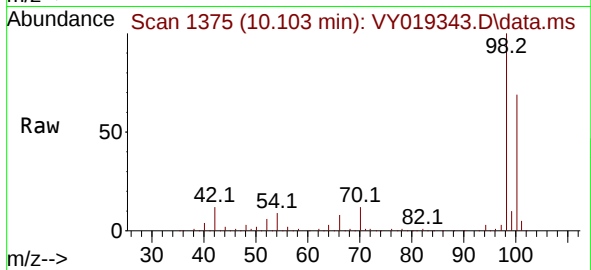
WC-1-VOC

Tgt Ion: 98 Resp: 276436

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.391 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

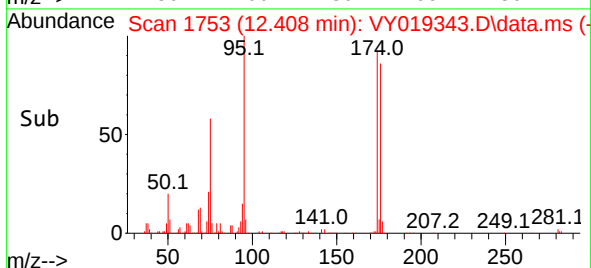
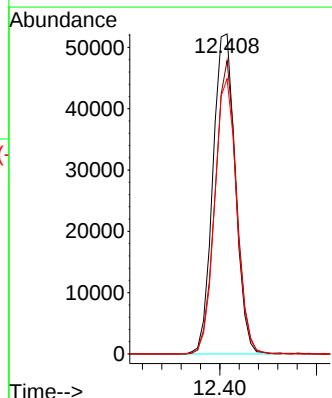
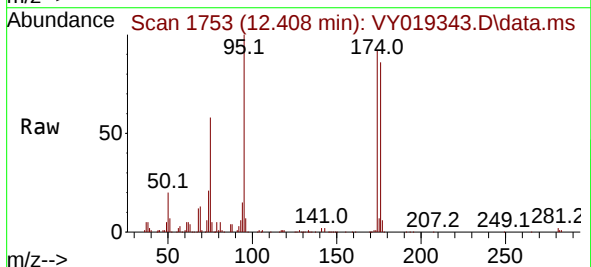
Tgt Ion: 95 Resp: 83765

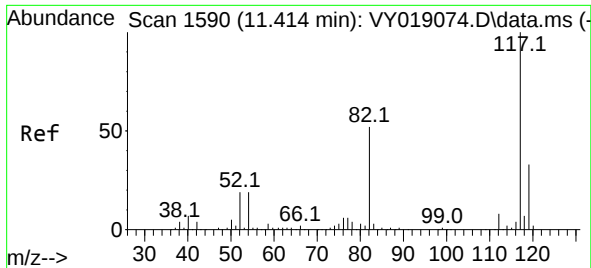
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

176 84.3 0.0 171.4

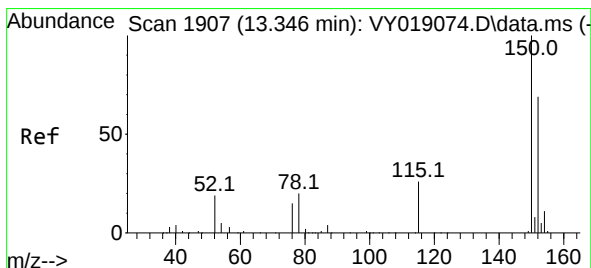
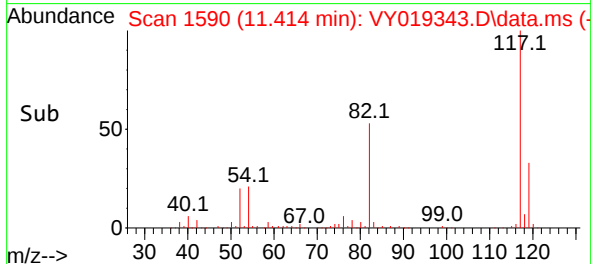
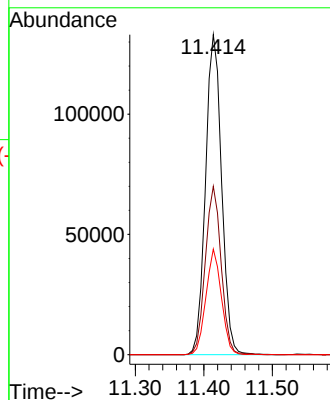
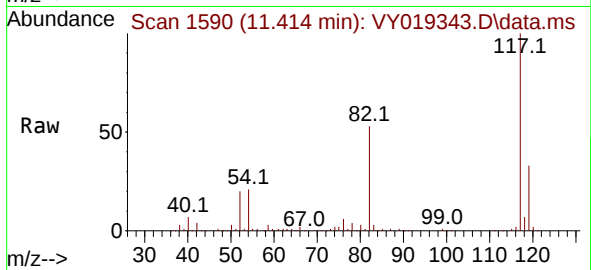




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion:117 Resp: 217282
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 33.0 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: VY019343.D
Acq: 28 Aug 2024 20:38

Tgt Ion:152 Resp: 85595
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 159.8 0.0 345.6

