

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019365.D
 Acq On : 29 Aug 2024 07:55
 Operator : SY/MD
 Sample : P3735-02
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-11-VOC

Quant Time: Aug 29 08:43:00 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	157429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	285435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	217658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	68809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	85358	54.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.180%	
35) Dibromofluoromethane	7.628	113	90331	48.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.800%	
50) Toluene-d8	10.103	98	329740	49.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	12.408	95	72373	31.610	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 63.220%	

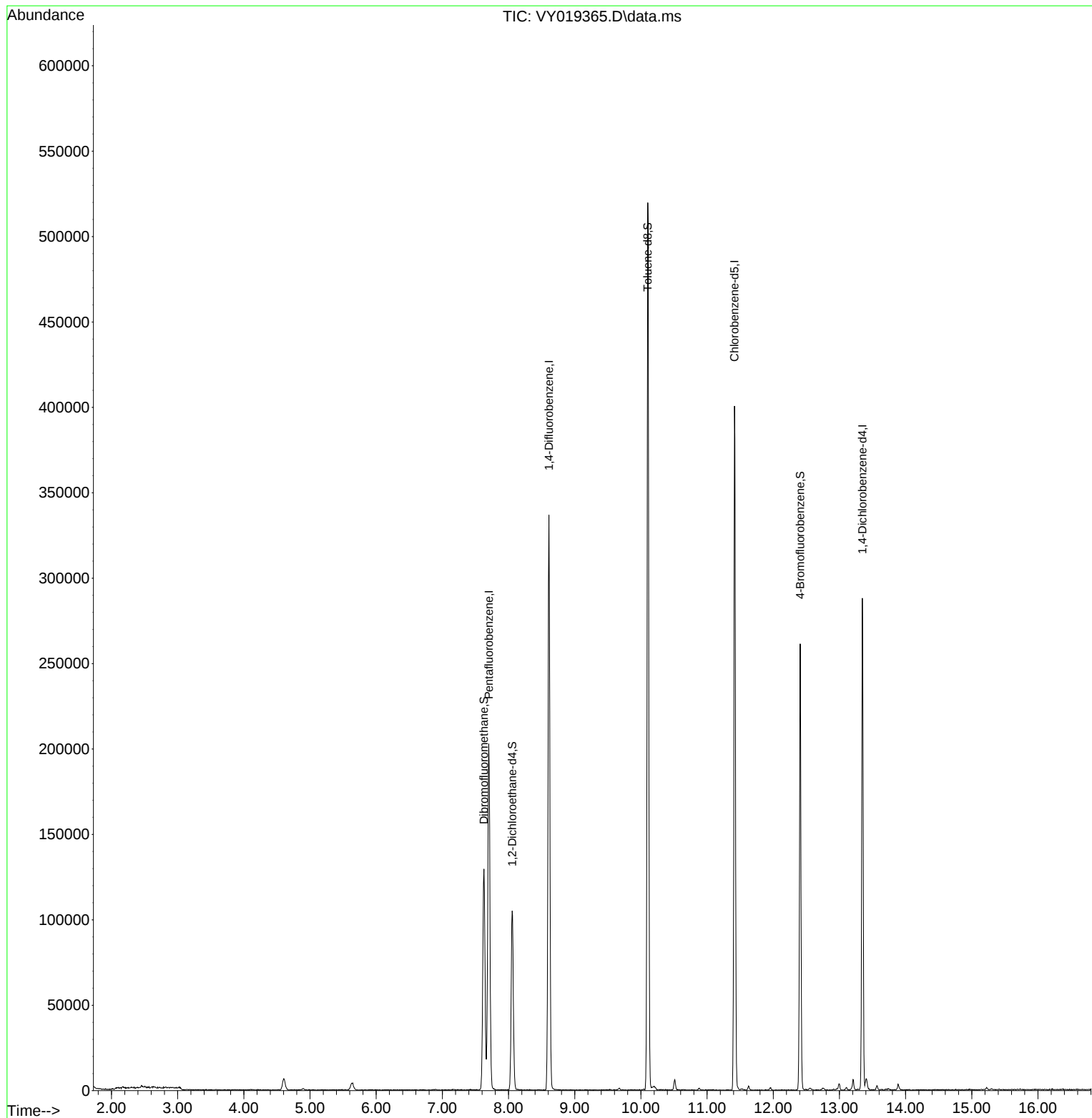
Target Compounds	Qvalue

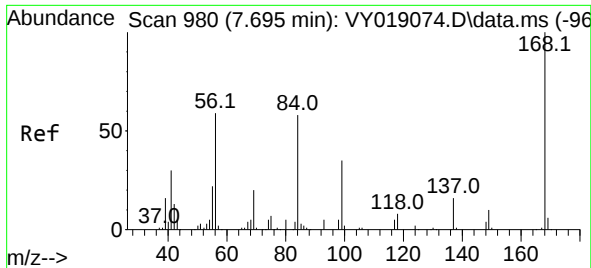
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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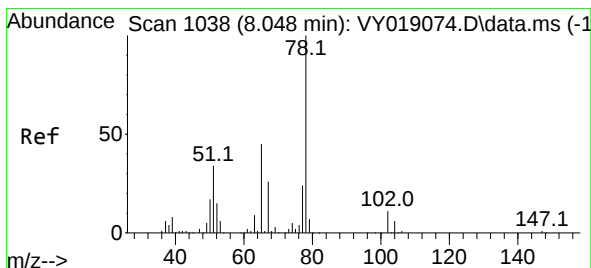
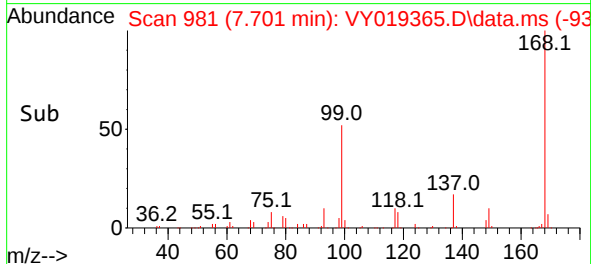
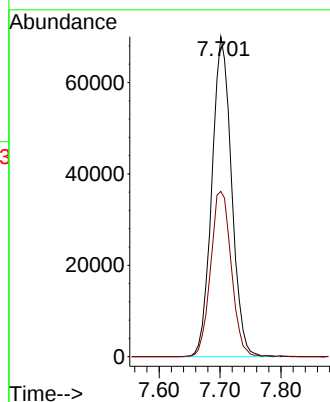
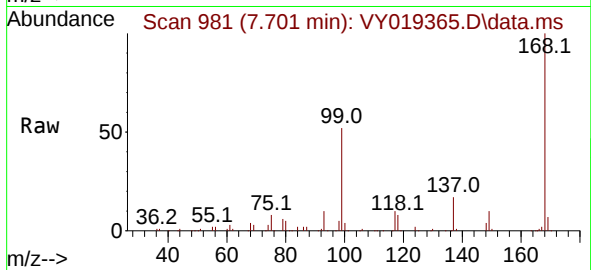




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

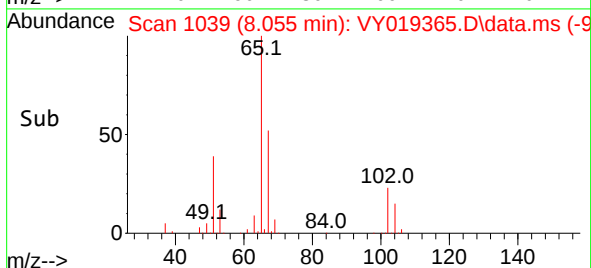
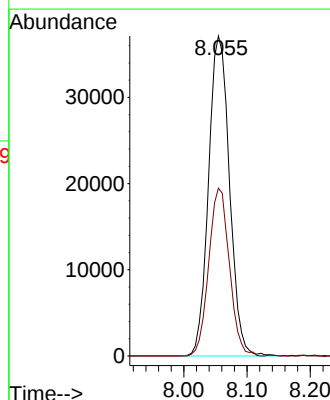
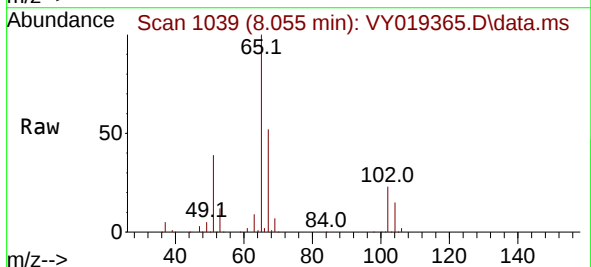
Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

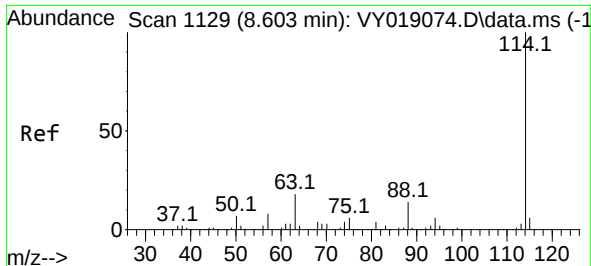
Tgt Ion:168 Resp: 157429
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Tgt Ion: 65 Resp: 85358
Ion Ratio Lower Upper
65 100
67 51.7 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: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

ClientSampleId :

WC-11-VOC

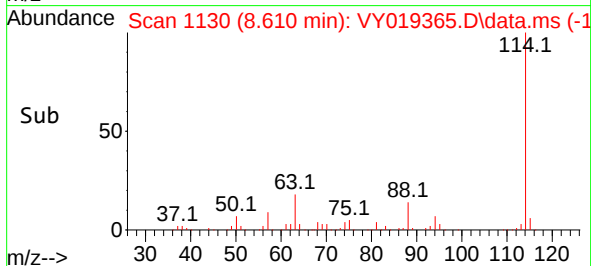
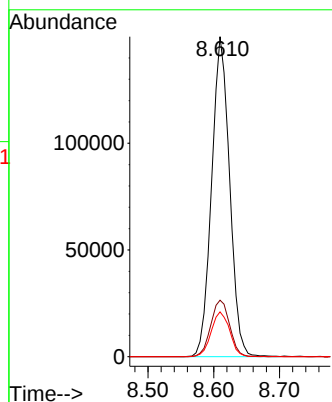
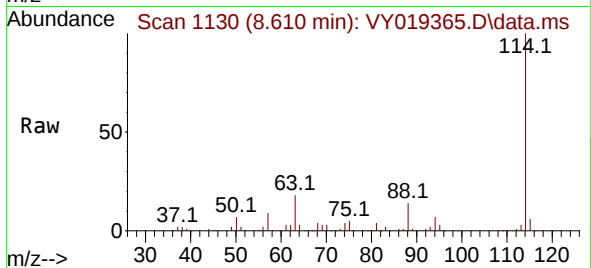
Tgt Ion:114 Resp: 285435

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.400 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

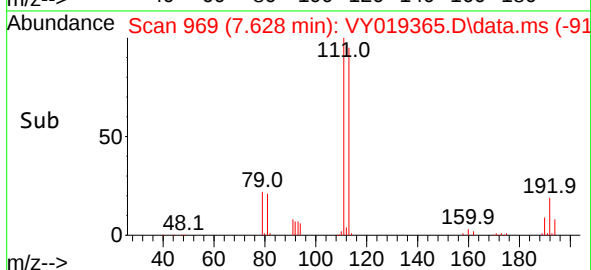
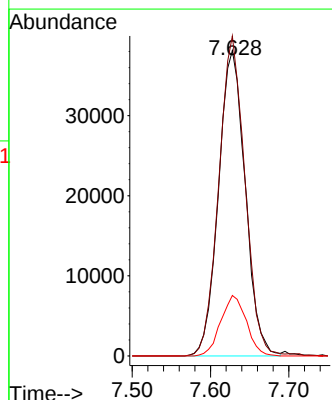
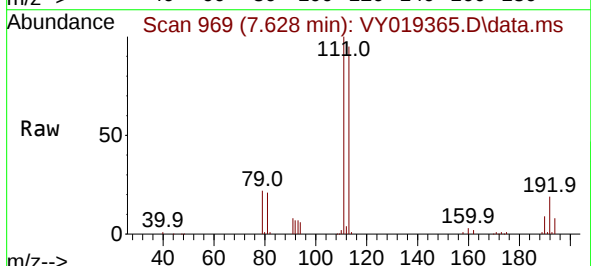
Tgt Ion:113 Resp: 90331

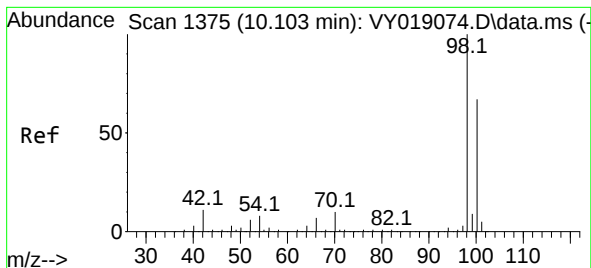
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 19.1 15.9 23.9





#50

Toluene-d8

Concen: 49.095 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

Instrument :

MSVOA_Y

ClientSampleId :

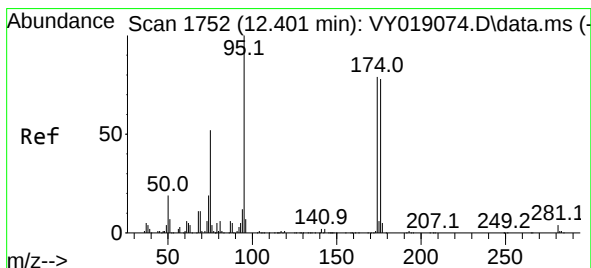
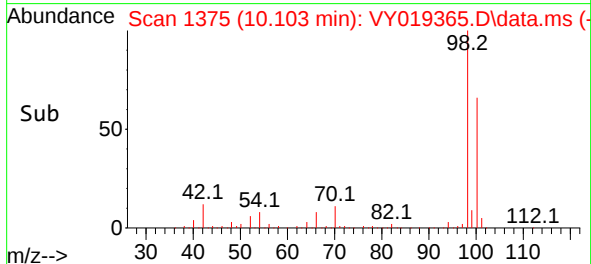
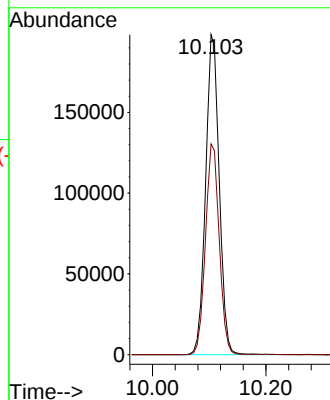
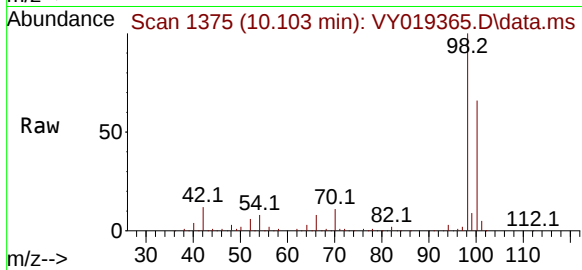
WC-11-VOC

Tgt Ion: 98 Resp: 329740

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.610 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019365.D

Acq: 29 Aug 2024 07:55

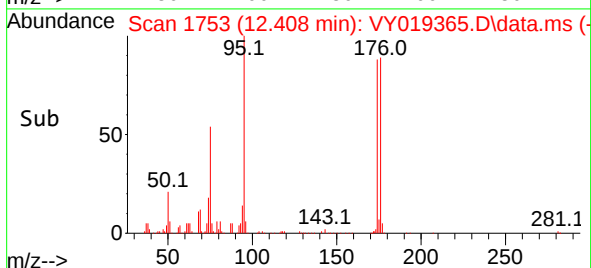
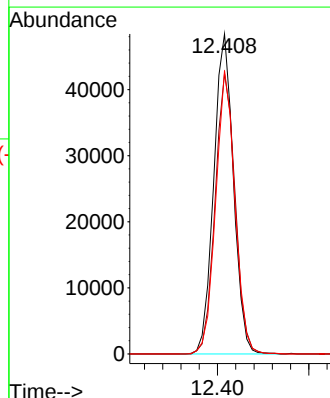
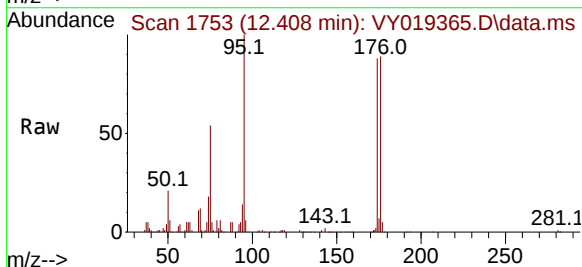
Tgt Ion: 95 Resp: 72373

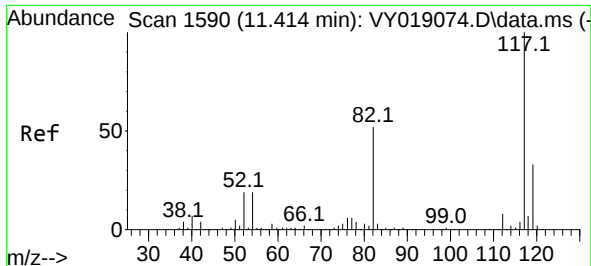
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.6

176 86.4 0.0 171.4

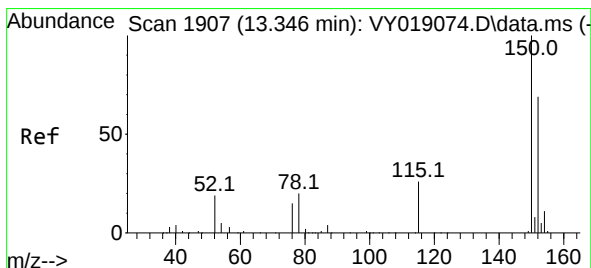
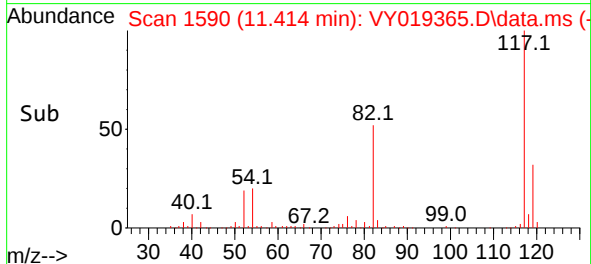
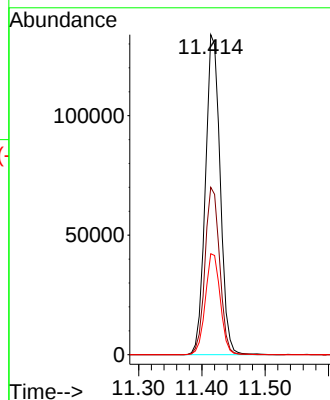
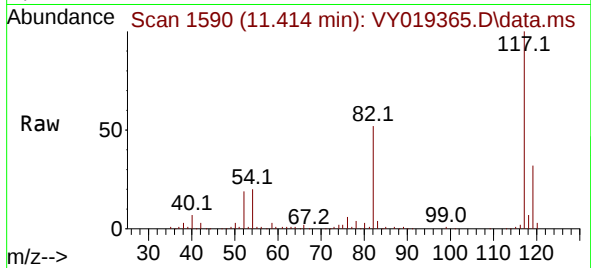




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019365.D
Acq: 29 Aug 2024 07:55

Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

Tgt Ion:117 Resp: 217658
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.5 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: VY019365.D
Acq: 29 Aug 2024 07:55

Tgt Ion:152 Resp: 68809
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.1 0.0 345.6

