

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019345.D
 Acq On : 28 Aug 2024 21:28
 Operator : SY/MD
 Sample : P3739-15
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Aug 29 01:40:20 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	150146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	270679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	102461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	87092	57.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.628	113	85212	48.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.103	98	311470	48.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.407	95	99668	45.904	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.800%

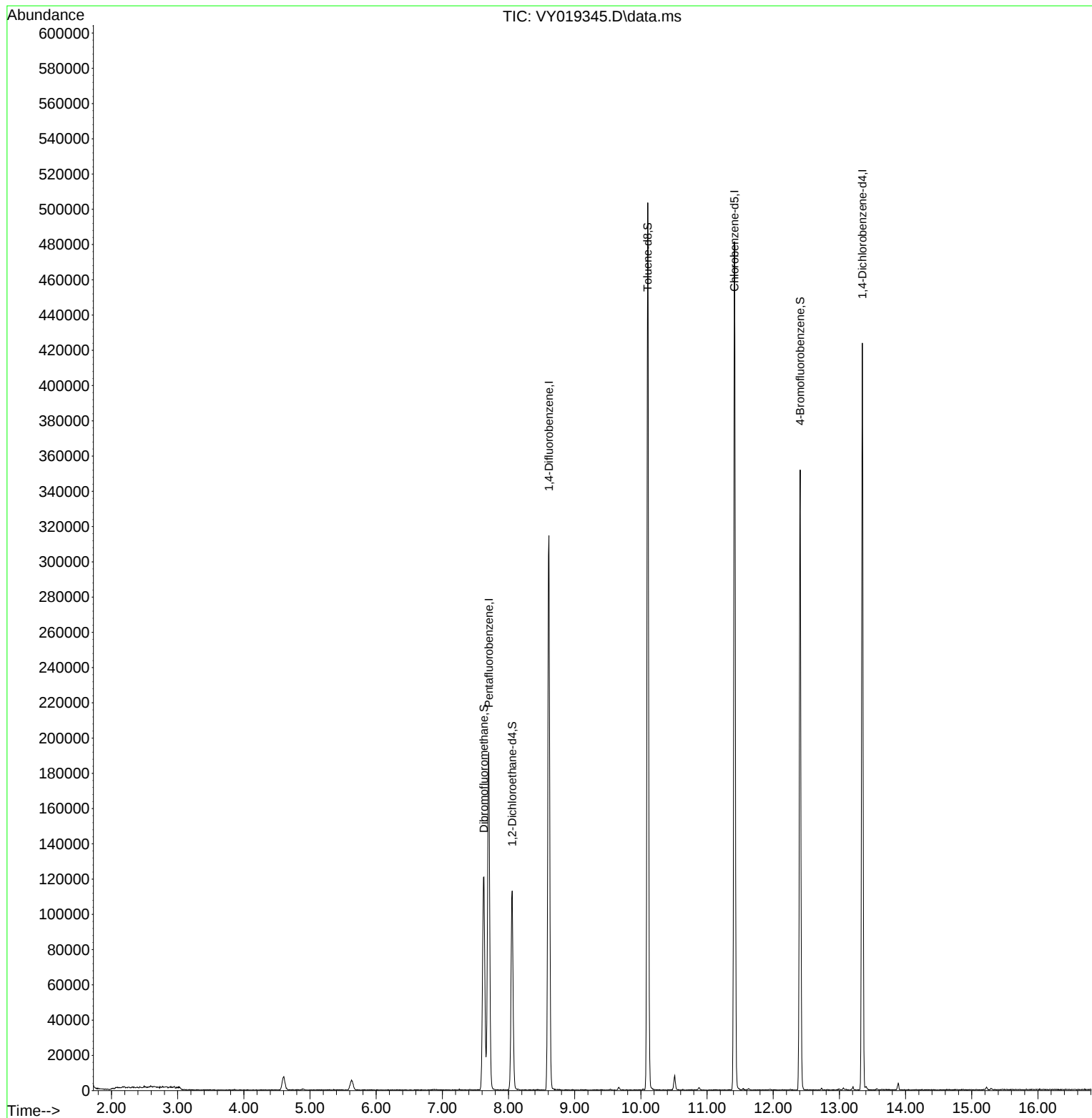
Target Compounds	Qvalue

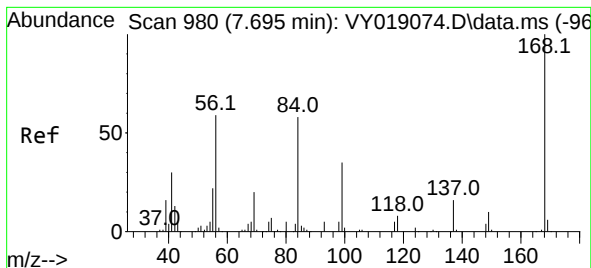
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.701 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

Instrument :

MSVOA_Y

ClientSampleId :

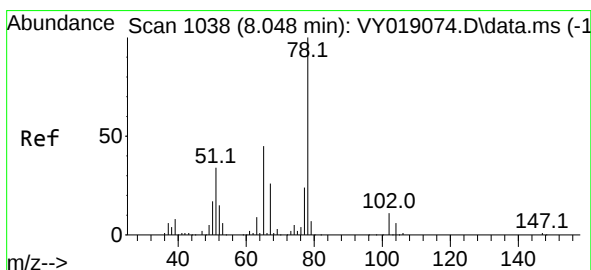
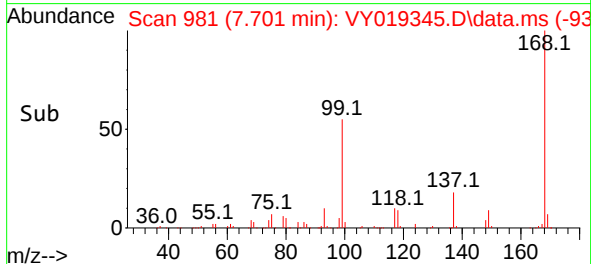
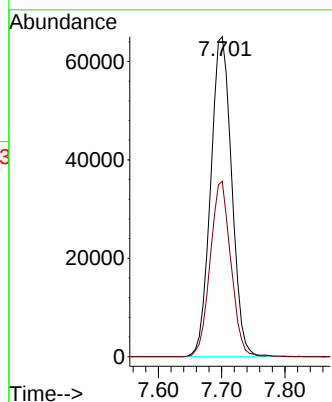
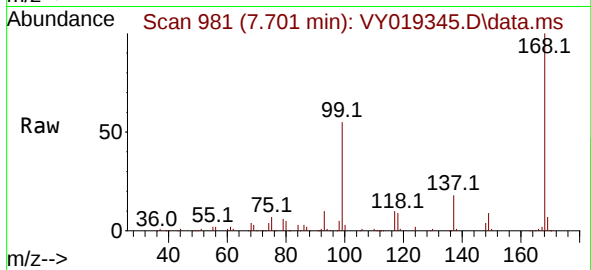
WC-3-VOC

Tgt Ion:168 Resp: 150146

Ion Ratio Lower Upper

168 100

99 54.8 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 57.865 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY019345.D

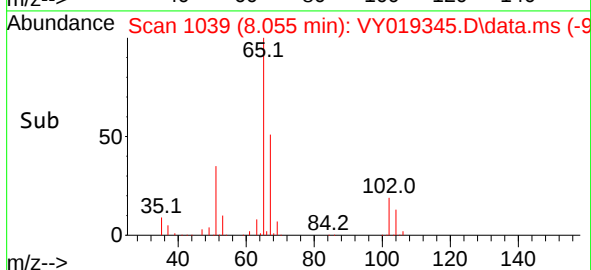
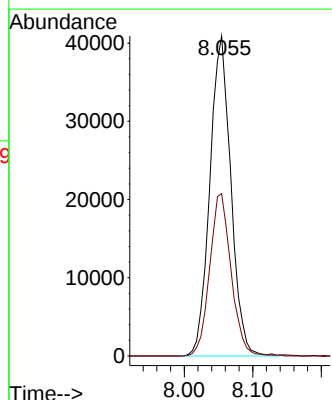
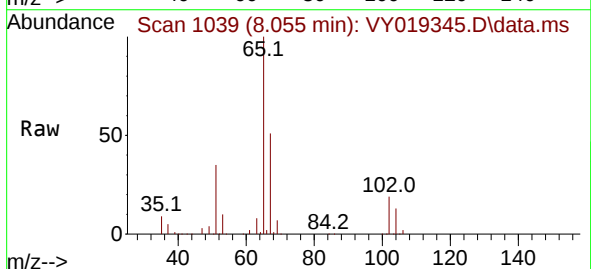
Acq: 28 Aug 2024 21:28

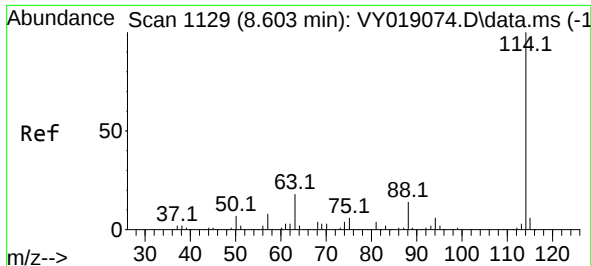
Tgt Ion: 65 Resp: 87092

Ion Ratio Lower Upper

65 100

67 51.6 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: VY019345.D

Acq: 28 Aug 2024 21:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

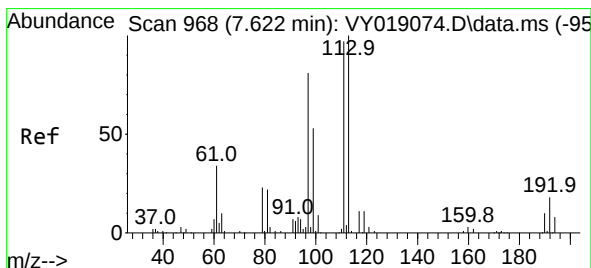
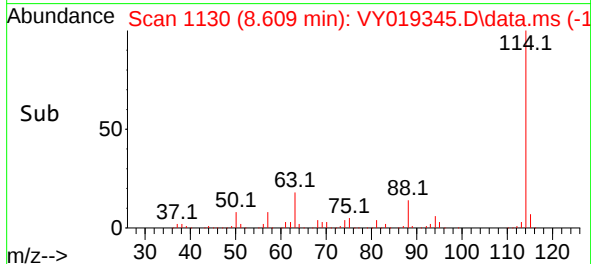
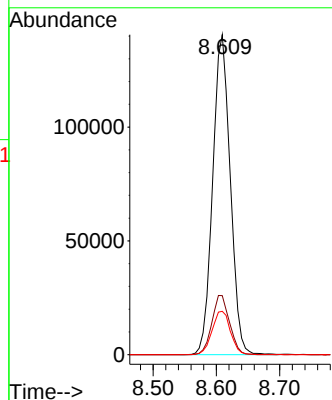
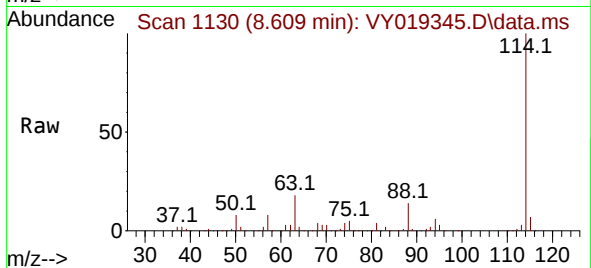
Tgt Ion:114 Resp: 270679

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.146 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

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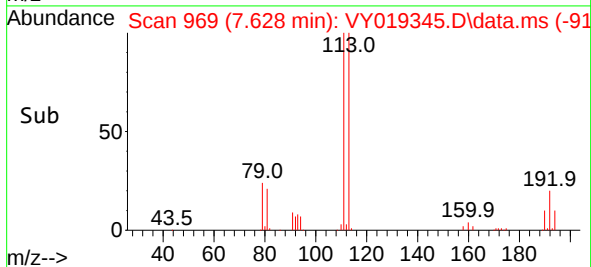
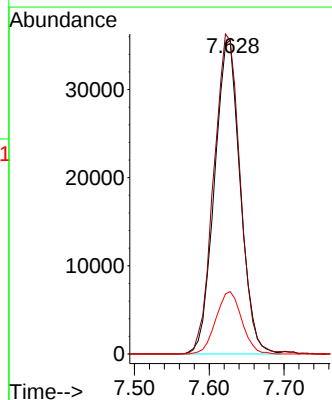
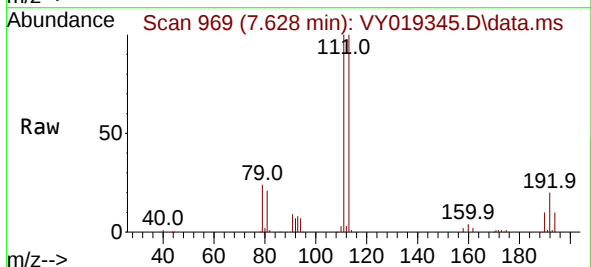
Tgt Ion:113 Resp: 85212

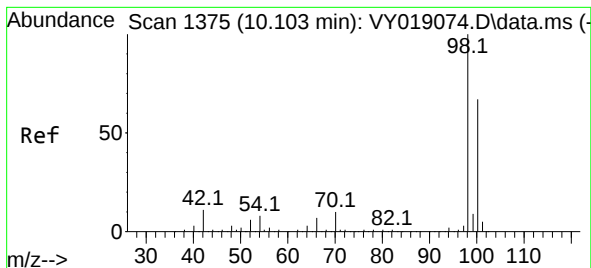
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 19.9 15.9 23.9





#50

Toluene-d8

Concen: 48.903 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

Instrument :

MSVOA_Y

ClientSampleId :

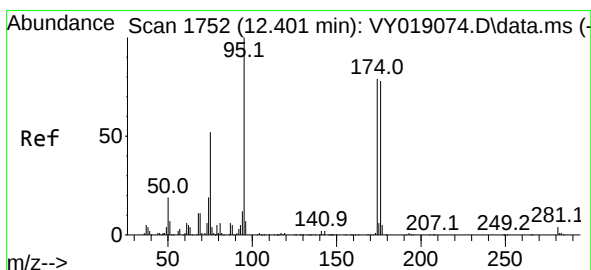
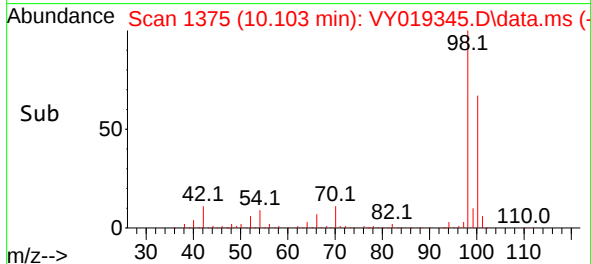
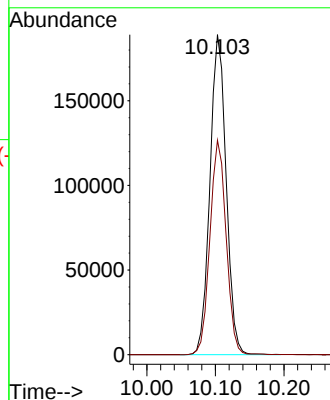
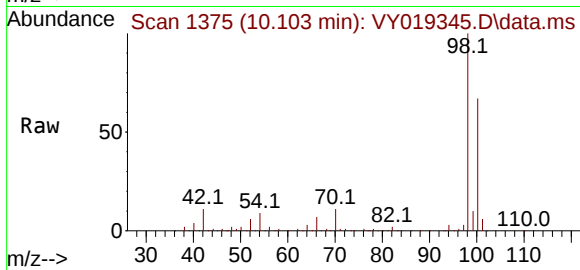
WC-3-VOC

Tgt Ion: 98 Resp: 311470

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.904 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019345.D

Acq: 28 Aug 2024 21:28

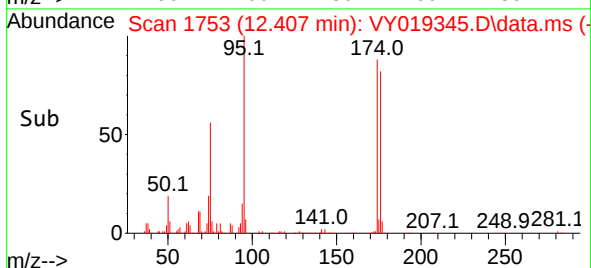
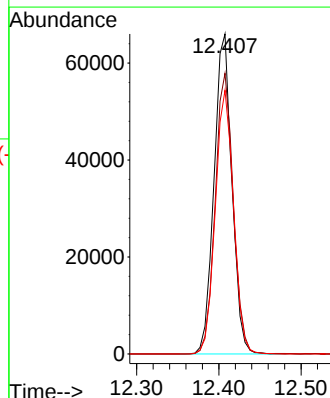
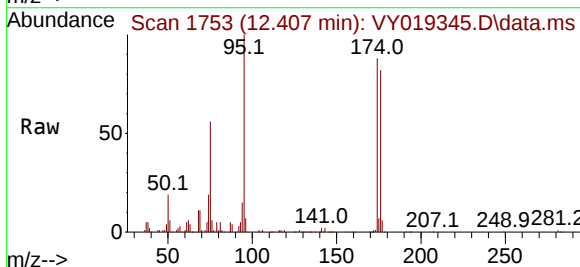
Tgt Ion: 95 Resp: 99668

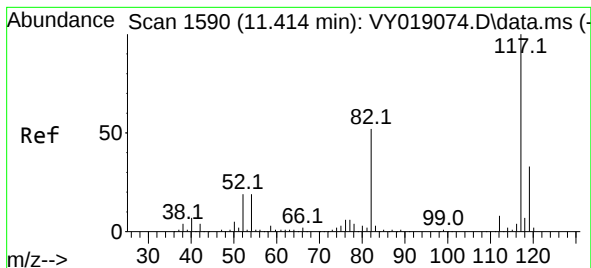
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 84.4 0.0 171.4

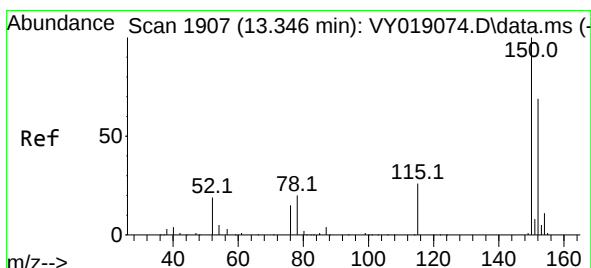
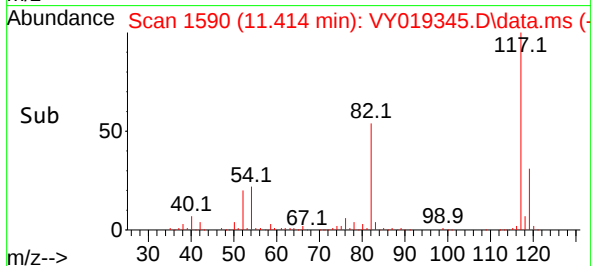
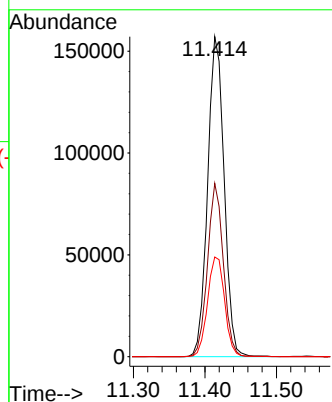
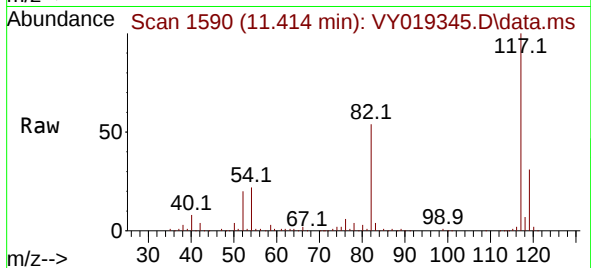




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019345.D
Acq: 28 Aug 2024 21:28

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

Tgt Ion:117 Resp: 251712
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 31.1 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: VY019345.D
Acq: 28 Aug 2024 21:28

Tgt Ion:152 Resp: 102461
Ion Ratio Lower Upper
152 100
115 60.0 28.2 84.7
150 156.5 0.0 345.6

