

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019363.D
 Acq On : 29 Aug 2024 07:06
 Operator : SY/MD
 Sample : P3735-14
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16-VOC

Quant Time: Aug 29 07:30:42 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	162364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	294381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	268145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	89096	54.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.480%
35) Dibromofluoromethane	7.628	113	93929	48.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.103	98	332586	48.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.408	95	102957	43.601	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.200%

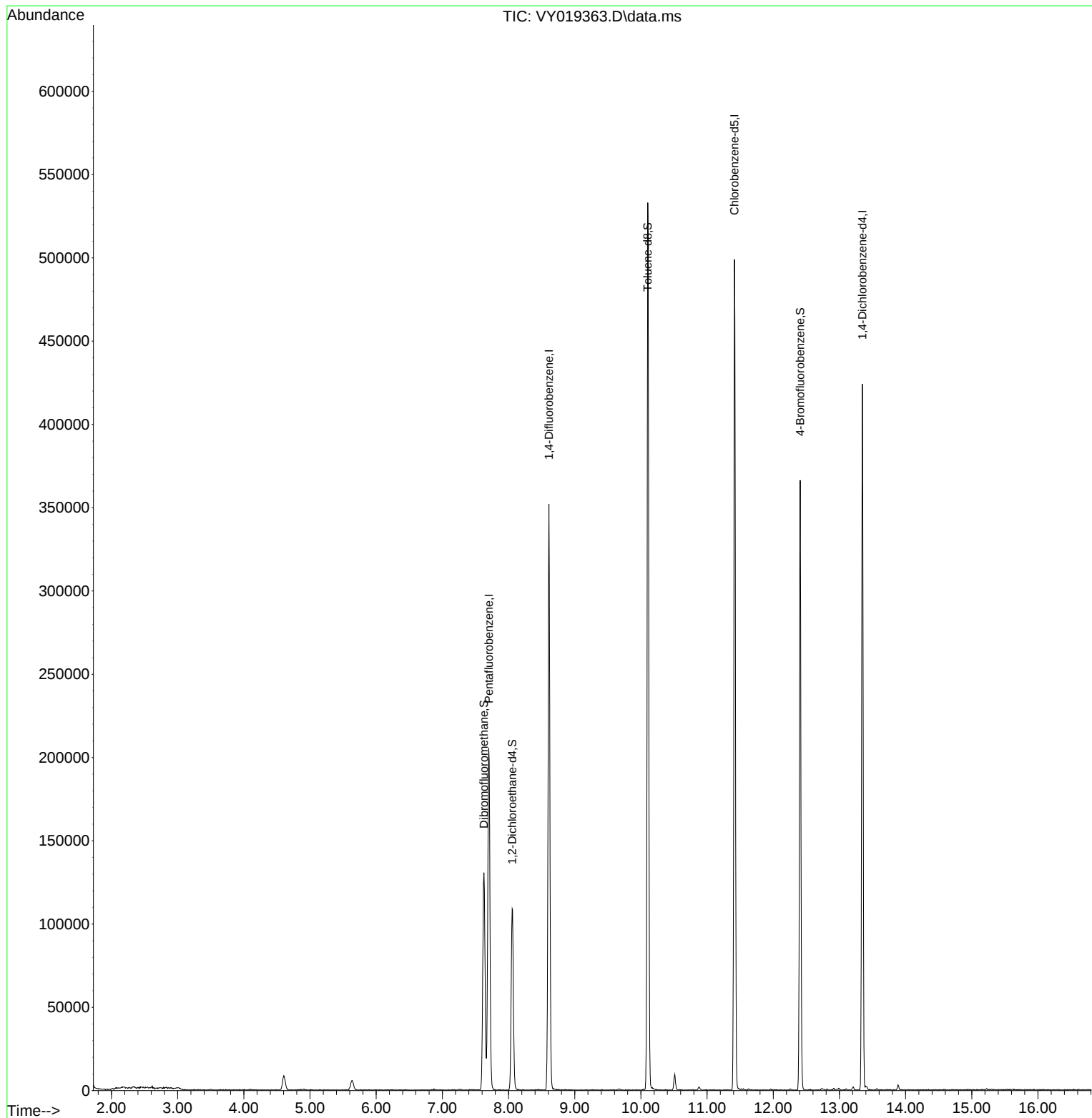
Target Compounds	Qvalue

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

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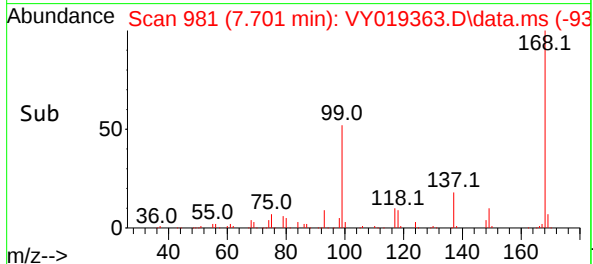
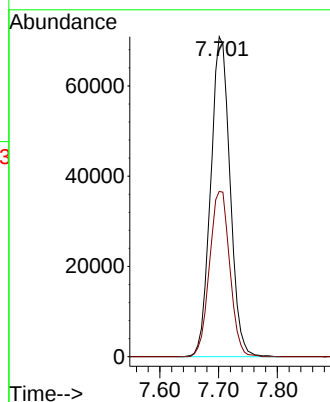
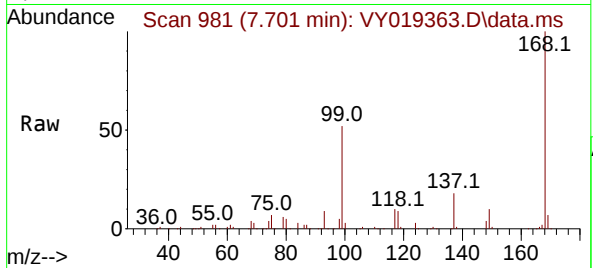




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

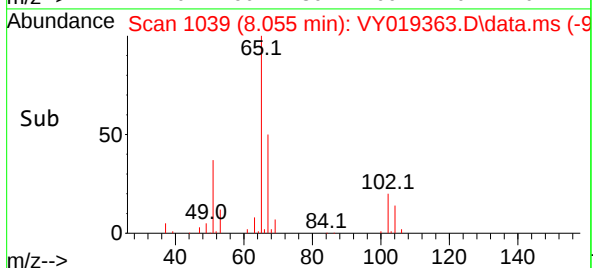
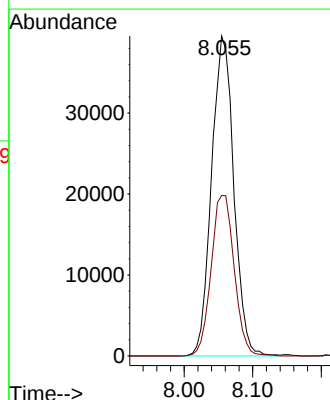
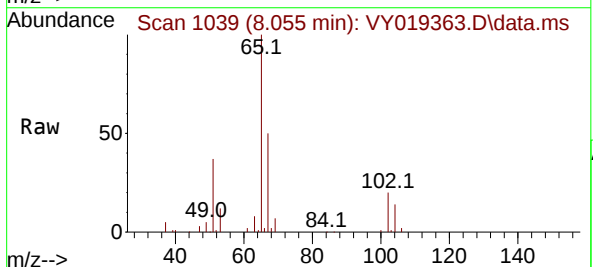
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-VOC

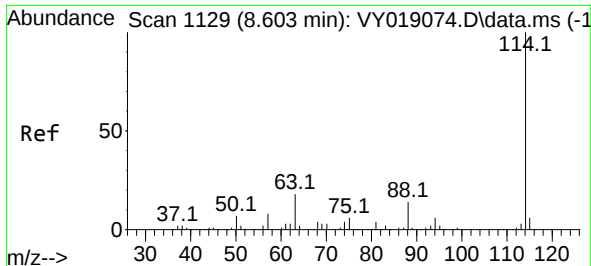
Tgt Ion:168 Resp: 162364
Ion Ratio Lower Upper
168 100
99 51.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.742 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion: 65 Resp: 89096
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

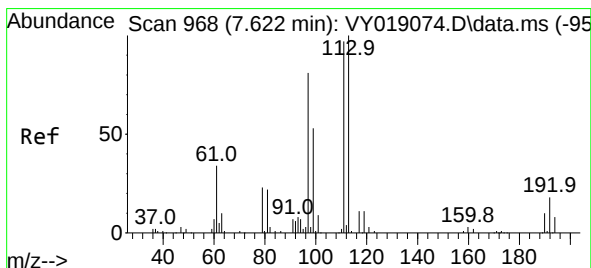
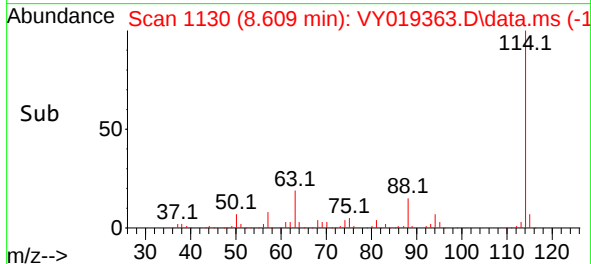
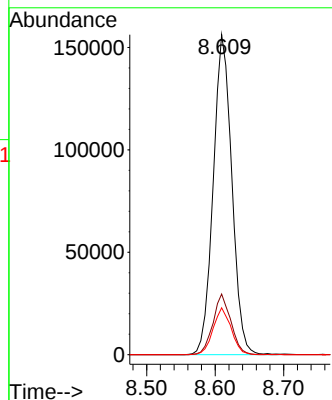
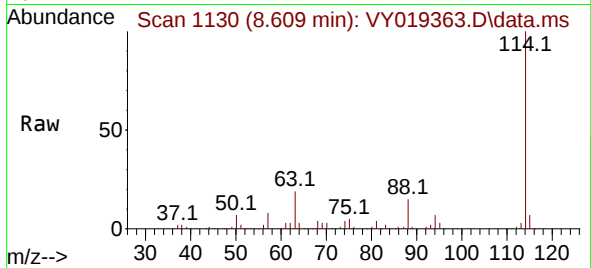




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

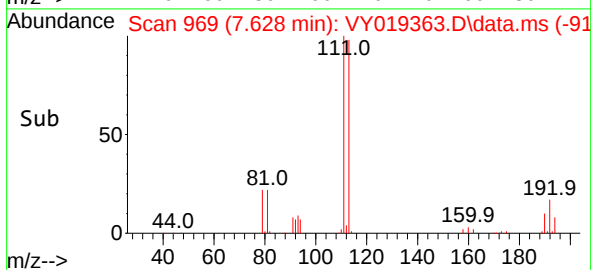
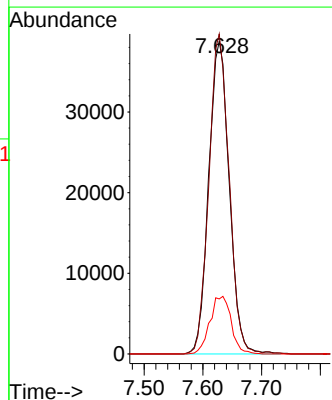
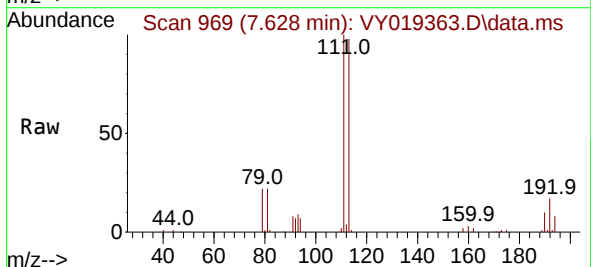
Instrument :
MSVOA_Y
ClientSampleId :
WC-16-VOC

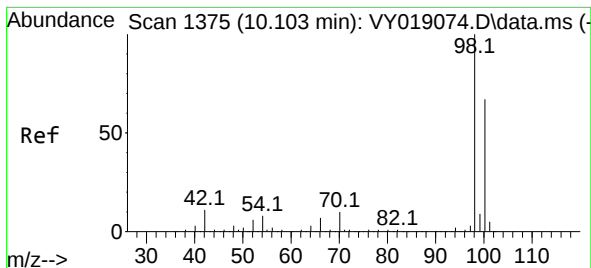
Tgt Ion:114 Resp: 294381
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion:113 Resp: 93929
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 19.2 15.9 23.9





#50

Toluene-d8

Concen: 48.014 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019363.D

Acq: 29 Aug 2024 07:06

Instrument :

MSVOA_Y

ClientSampleId :

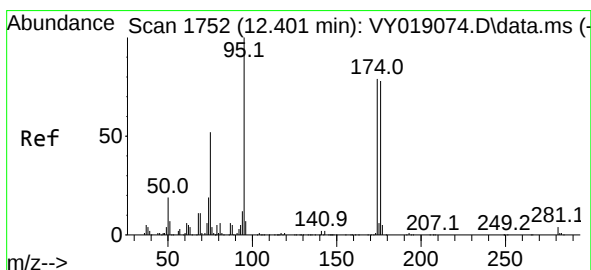
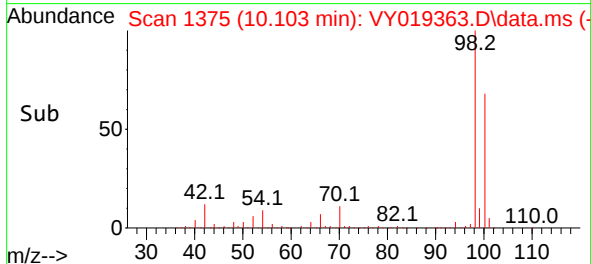
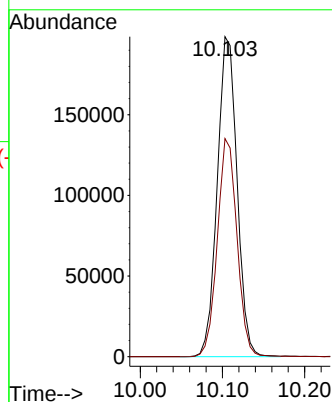
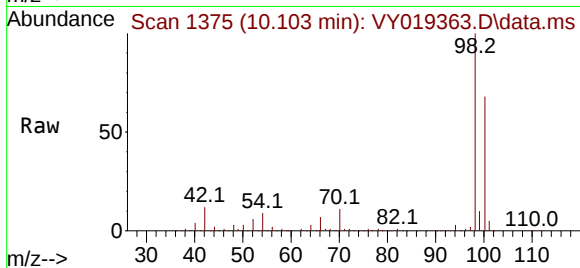
WC-16-VOC

Tgt Ion: 98 Resp: 332586

Ion Ratio Lower Upper

98 100

100 67.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.601 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019363.D

Acq: 29 Aug 2024 07:06

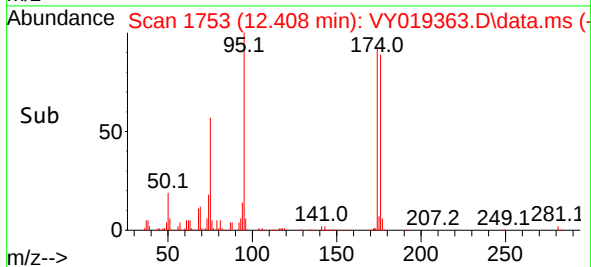
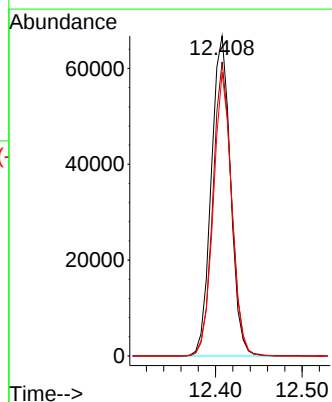
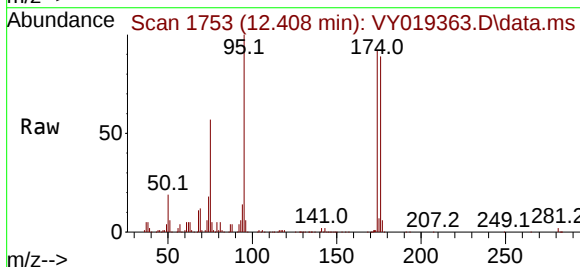
Tgt Ion: 95 Resp: 102957

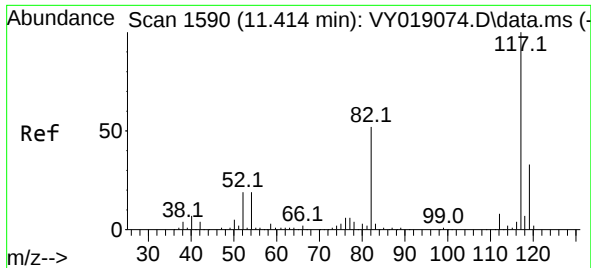
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 85.1 0.0 171.4

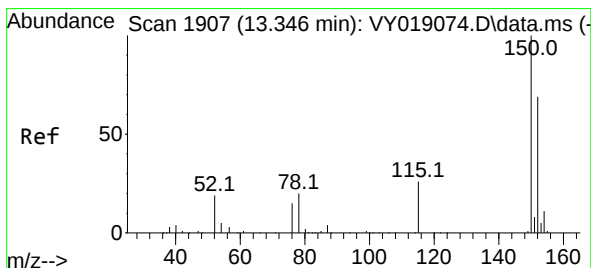
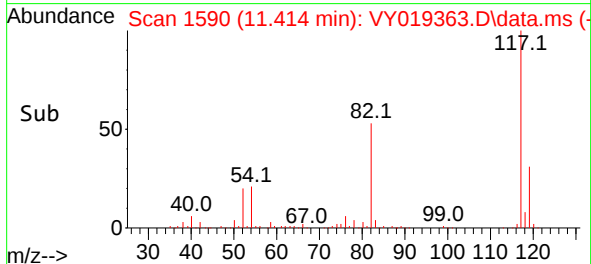
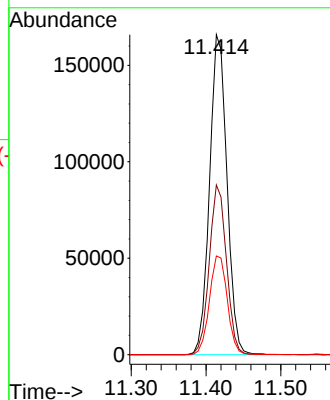
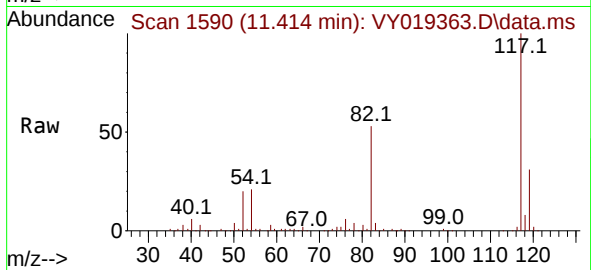




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019363.D
Acq: 29 Aug 2024 07:06

Instrument :
MSVOA_Y
ClientSampleId :
WC-16-VOC

Tgt Ion:117 Resp: 268145
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 30.9 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: VY019363.D
Acq: 29 Aug 2024 07:06

Tgt Ion:152 Resp: 104223
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 157.1 0.0 345.6

