

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013505.D
 Acq On : 09 Oct 2019 15:44
 Operator : SY/VA
 Sample : K5285-05
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D1

Quant Time: Oct 10 03:26:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	35220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	49558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	40175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13311	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.88	113	13497	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.32	98	56199	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.62	95	14790	37.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.70%	

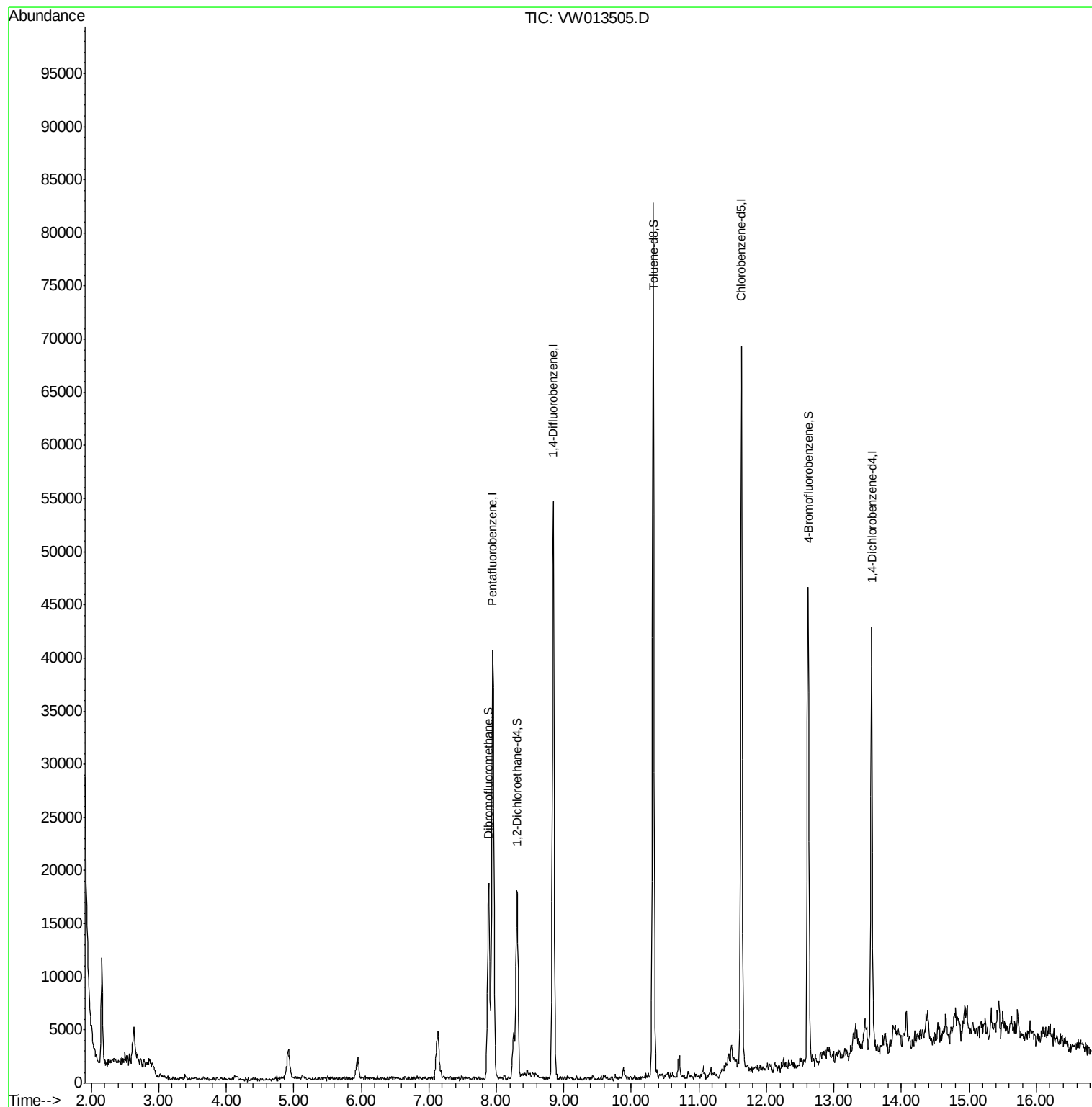
Target Compounds	Qvalue

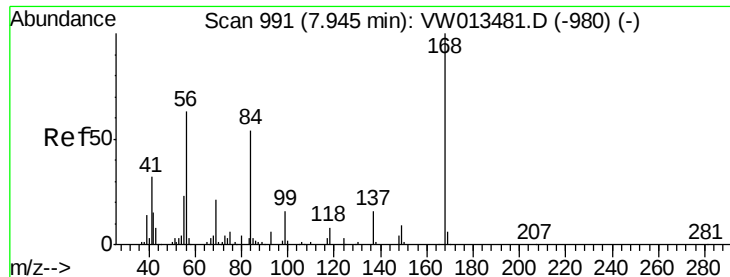
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013505.D

Acq: 09 Oct 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

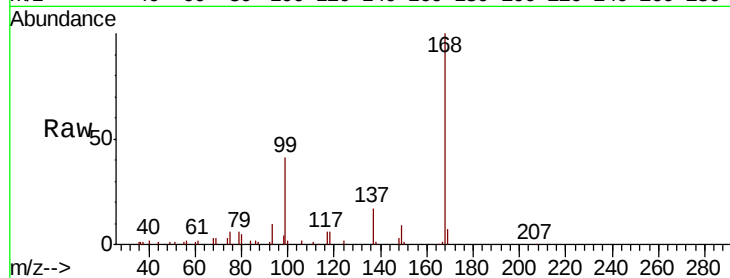
TP-1-D1

Tot Ion:168 Resp: 35220

Ion Ratio Lower Upper

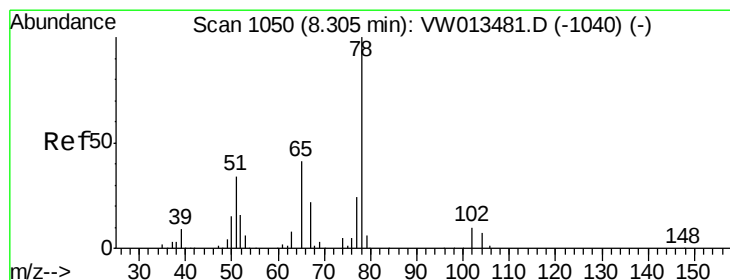
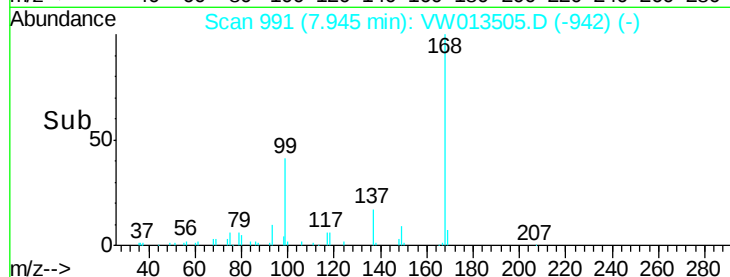
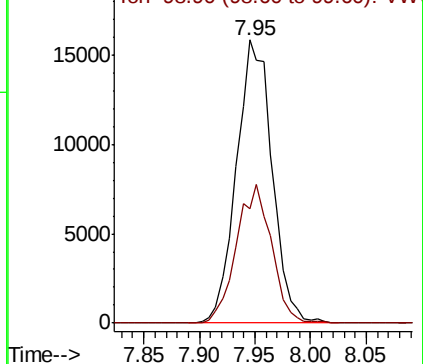
168 100

99 40.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.918 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW013505.D

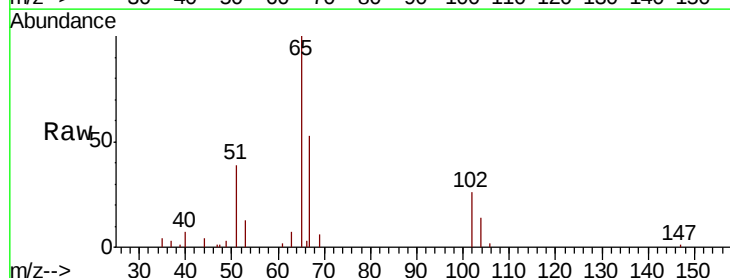
Acq: 09 Oct 2019 15:44

Tgt Ion: 65 Resp: 13311

Ion Ratio Lower Upper

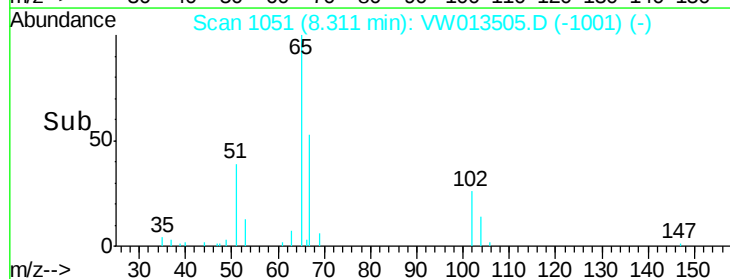
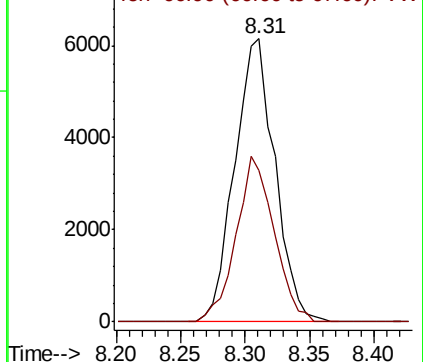
65 100

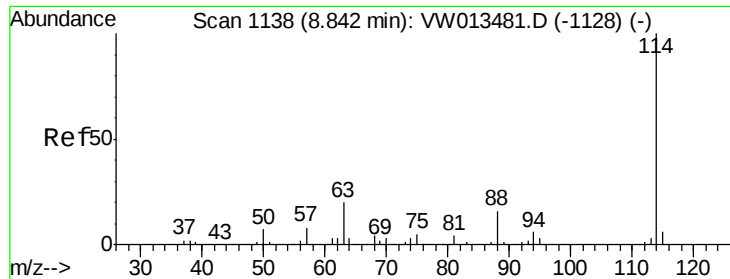
67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

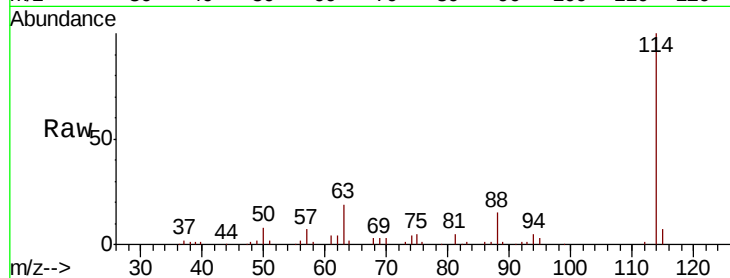




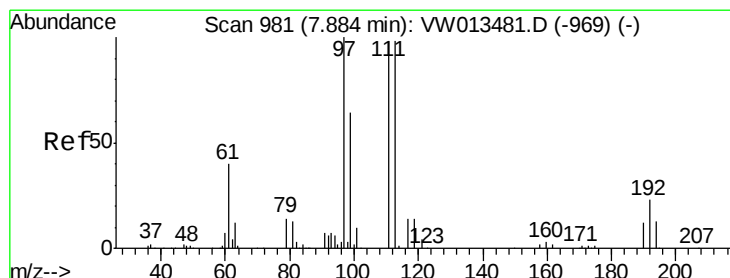
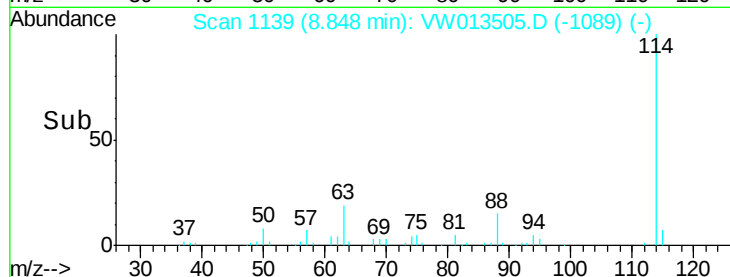
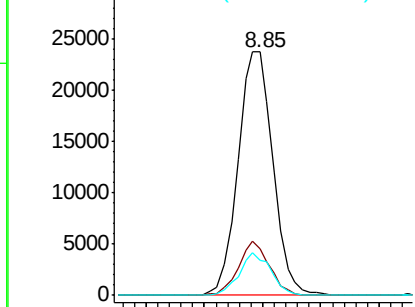
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013505.D
 Acq: 09 Oct 2019 15:44

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D1

Tot Ion:114 Resp: 49558
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.4
 88 14.6 0.0 31.4

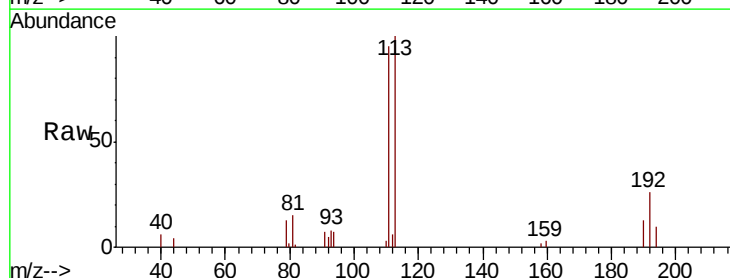


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

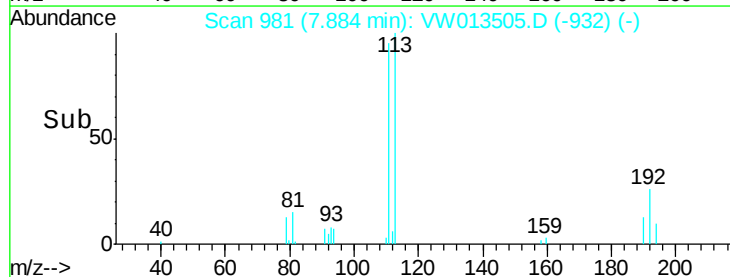
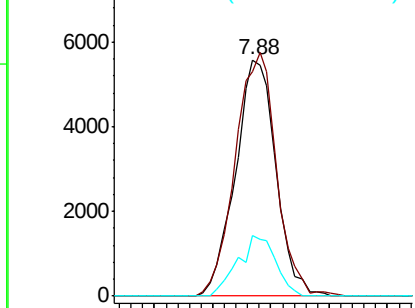


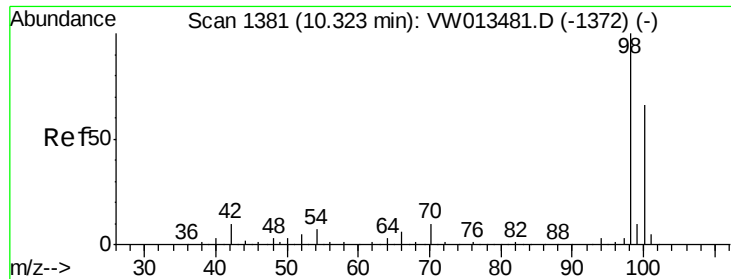
#35
 Dibromofluoromethane
 Concen: 48.762 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013505.D
 Acq: 09 Oct 2019 15:44

Tgt Ion:113 Resp: 13497
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.3 123.5
 192 23.9 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

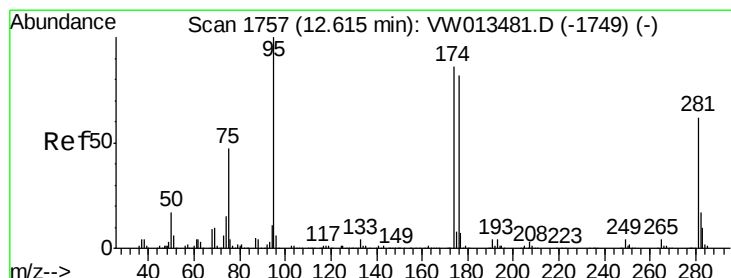
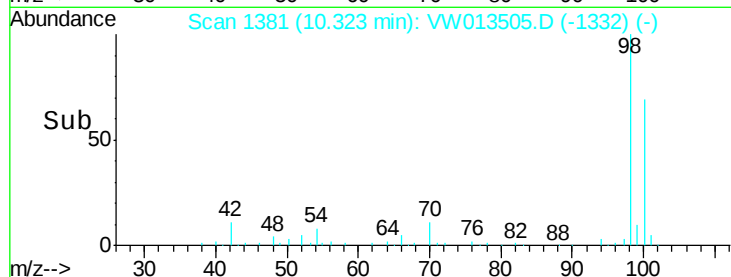
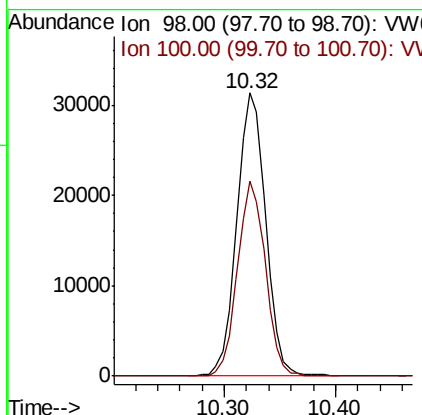
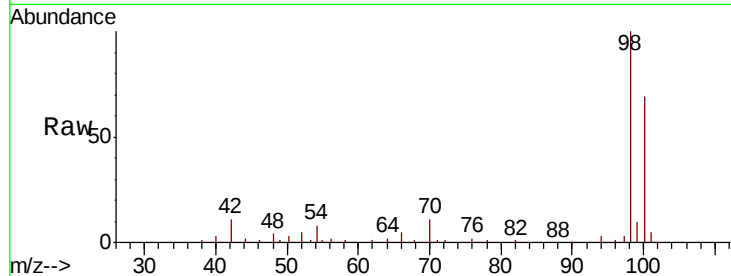




#50
Toluene-d8
Concen: 48.314 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

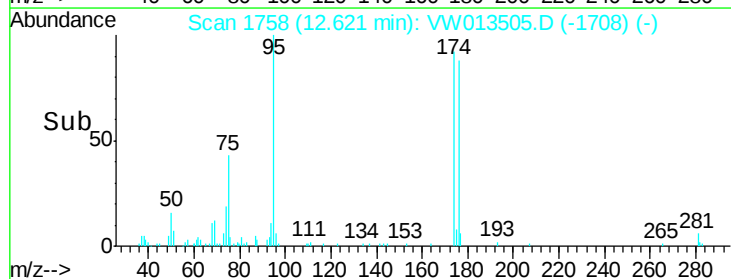
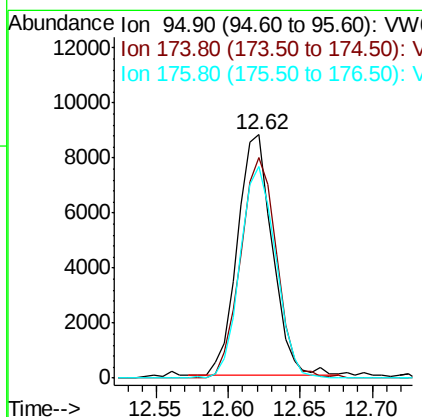
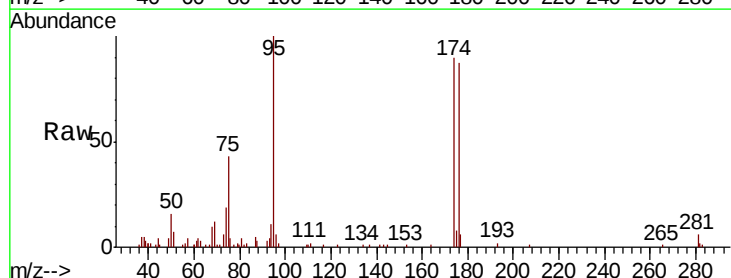
Instrument :
MSVOA_W
ClientSampleId :
TP-1-D1

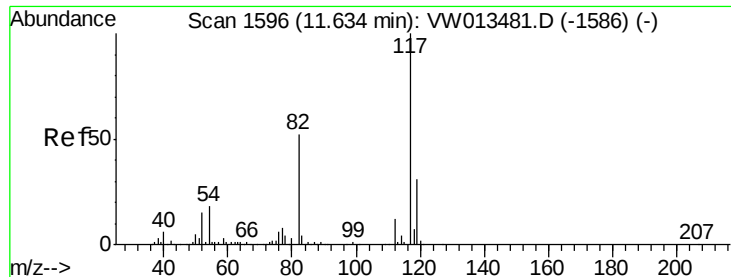
Tot Ion: 98 Resp: 56199
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 37.850 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

Tgt Ion: 95 Resp: 14790
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.4
176 89.0 0.0 173.4

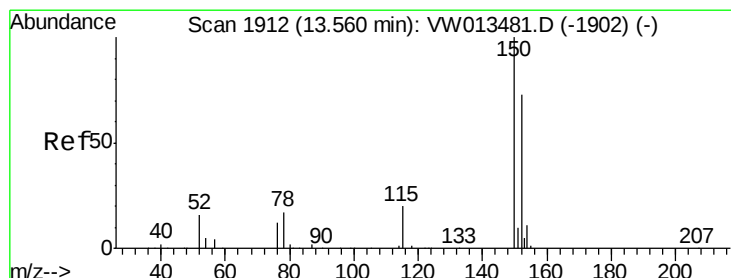
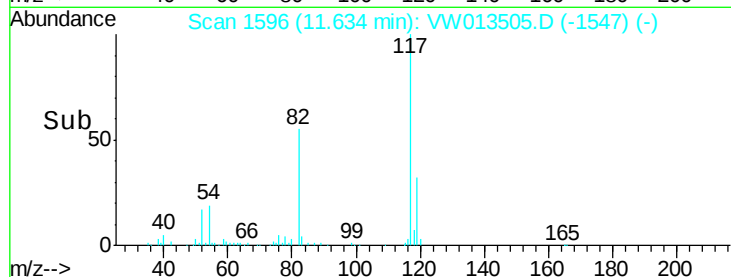
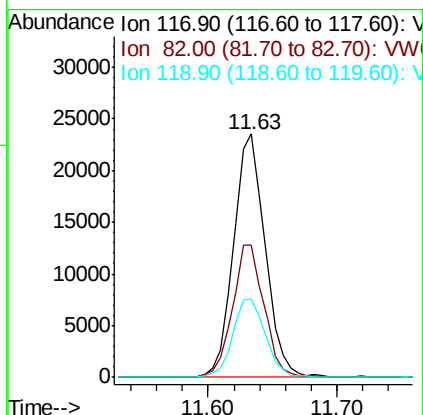
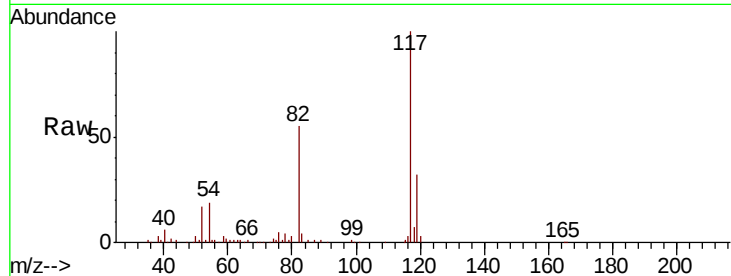




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
TP-1-D1

Tot Ion:117 Resp: 40175
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.2
119 32.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013505.D
Acq: 09 Oct 2019 15:44

Tgt Ion:152 Resp: 11960
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 148.9 0.0 337.4

