

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013019.D
 Acq On : 15 Sep 2019 04:01
 Operator : SY/VA
 Sample : K4787-03
 Misc : 4.81G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2(3.5-4)

Quant Time: Sep 16 09:32:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

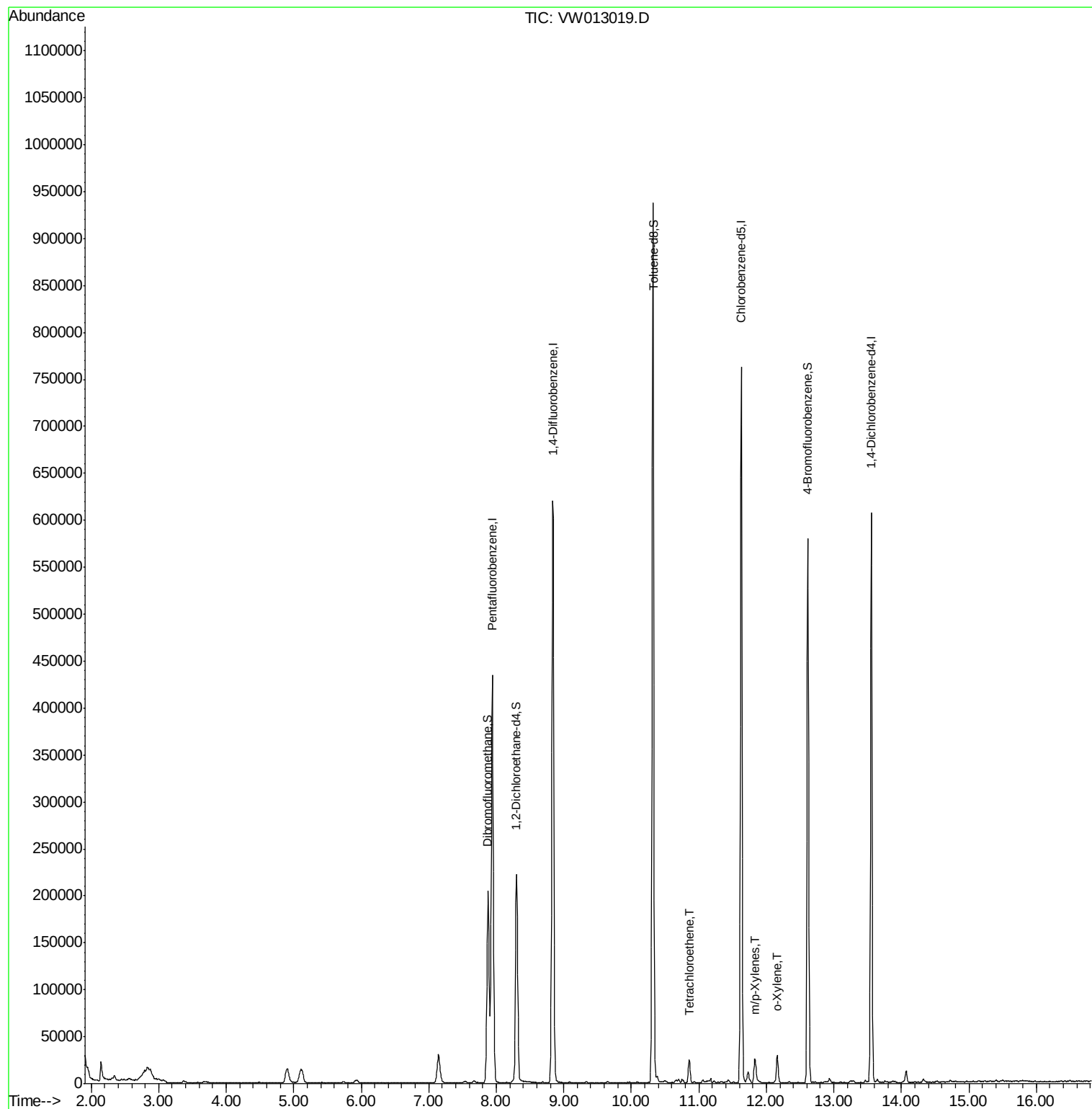
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	331828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	507390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	155442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	184213	60.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.22%	
35) Dibromofluoromethane	7.88	113	147639	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.32	98	607275	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
62) 4-Bromofluorobenzene	12.62	95	182419	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
64) Tetrachloroethene	10.86	164	5802	2.342	ug/l #	82
68) m/p-Xylenes	11.83	106	7379	1.474	ug/l	99
69) o-Xylene	12.16	106	7548	1.609	ug/l	98

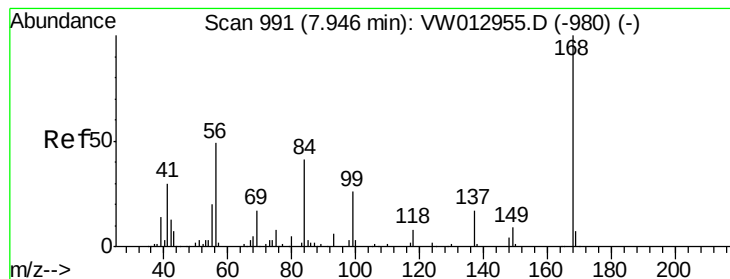
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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TP-3-S2(3.5-4)

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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013019.D

Acq: 15 Sep 2019 04:01

Instrument :

MSVOA_W

ClientSampleId :

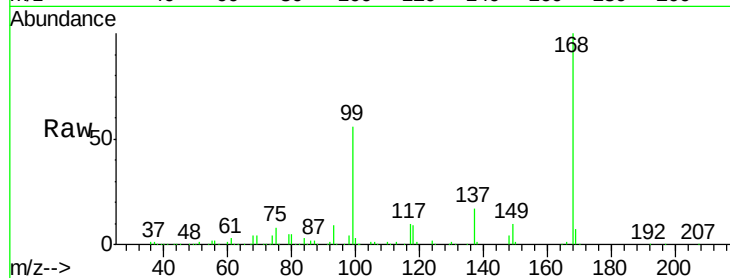
TP-3-S2(3.5-4)

Tot Ion:168 Resp: 331828

Ion Ratio Lower Upper

168 100

99 56.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.94

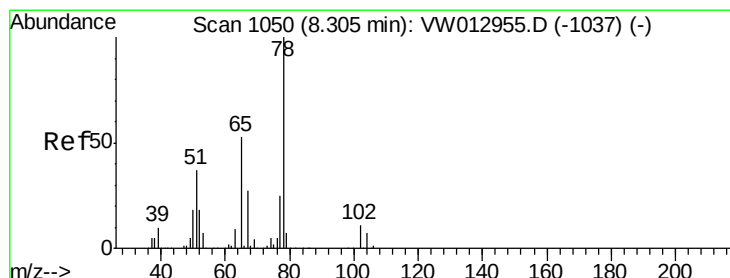
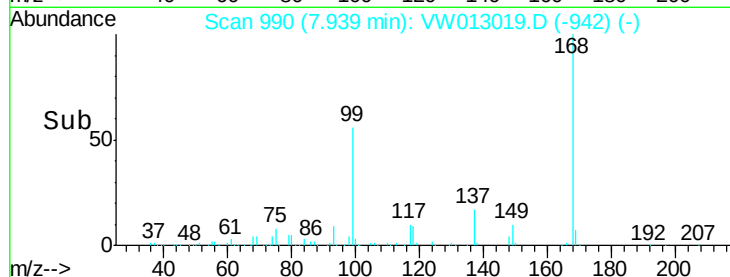
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.109 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013019.D

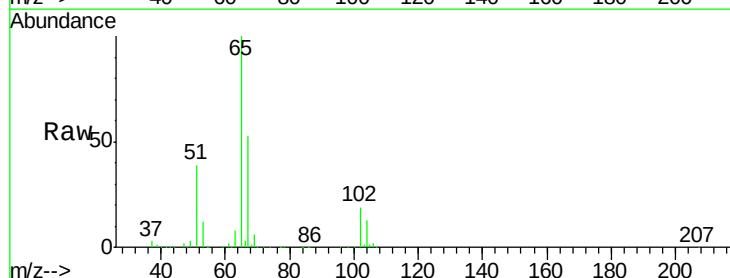
Acq: 15 Sep 2019 04:01

Tgt Ion: 65 Resp: 184213

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

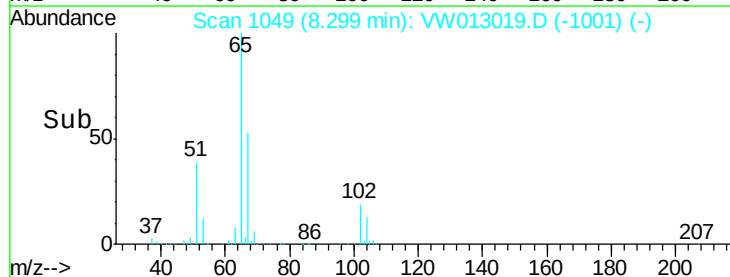
60000

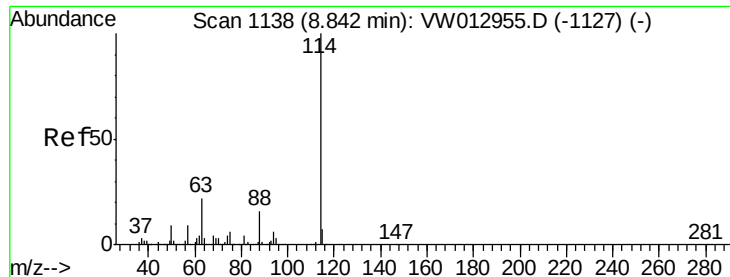
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013019.D

Acq: 15 Sep 2019 04:01

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2(3.5-4)

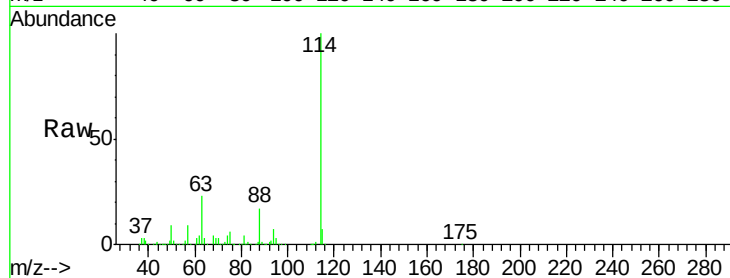
Tot Ion:114 Resp: 507390

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

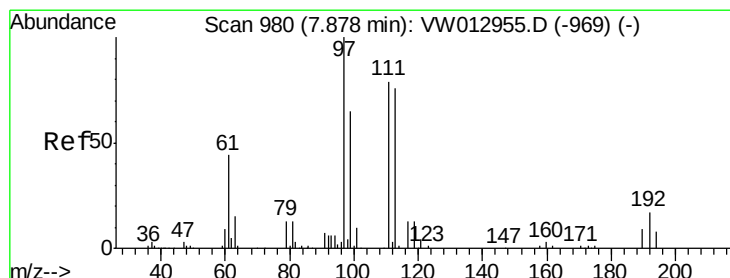
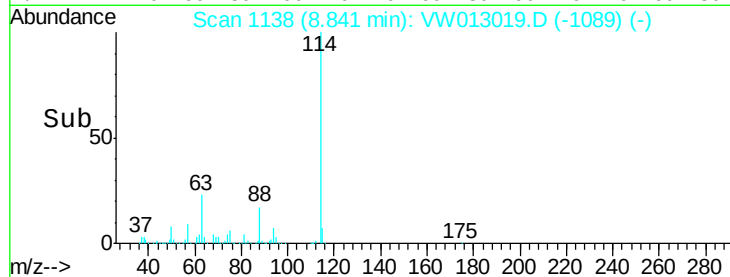
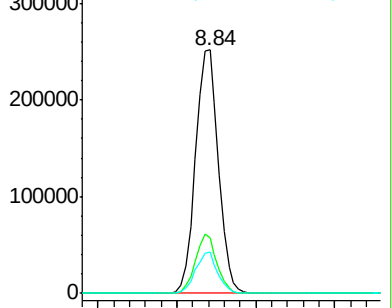
88 16.9 0.0 31.6



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: 53.625 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013019.D

Acq: 15 Sep 2019 04:01

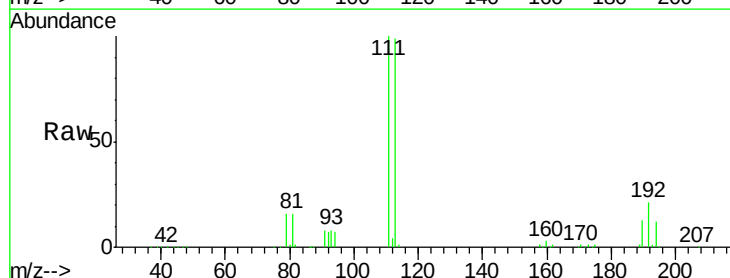
Tgt Ion:113 Resp: 147639

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

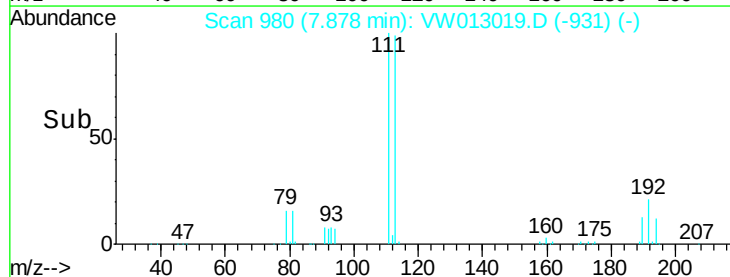
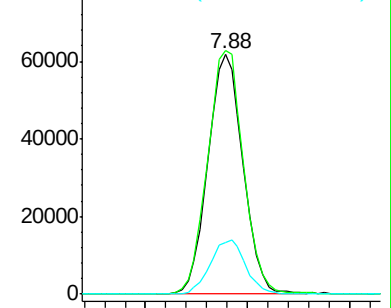
192 22.7 17.8 26.8

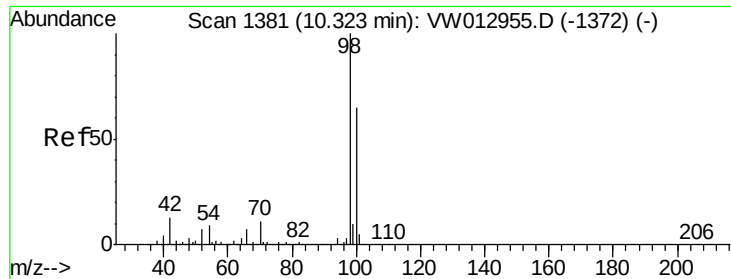


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

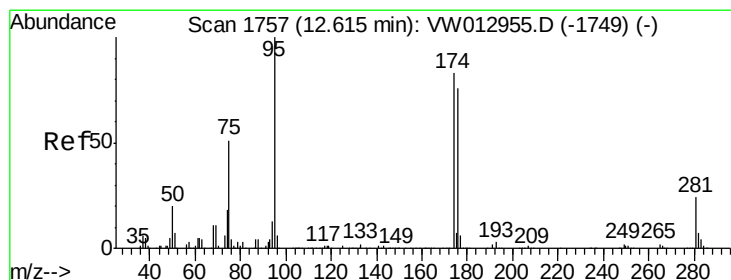
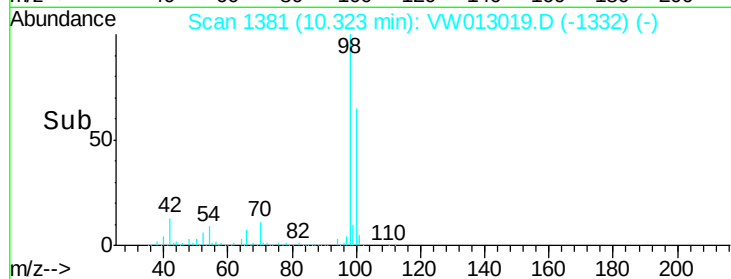
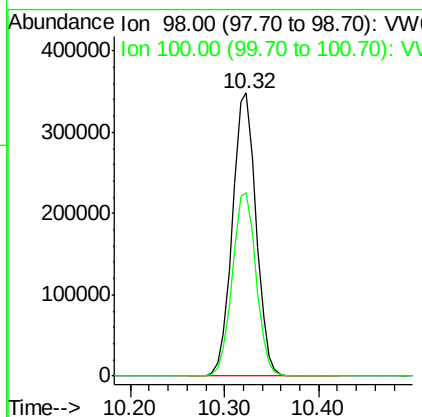
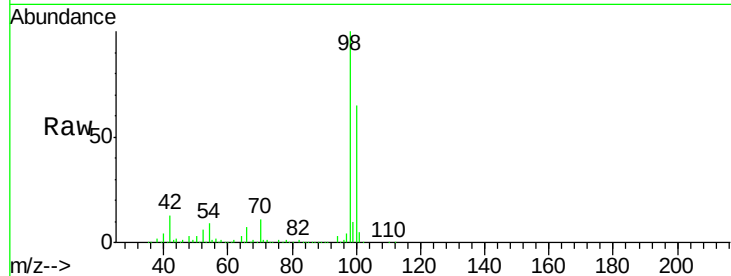




#50
Toluene-d8
Concen: 56.368 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013019.D
Acq: 15 Sep 2019 04:01

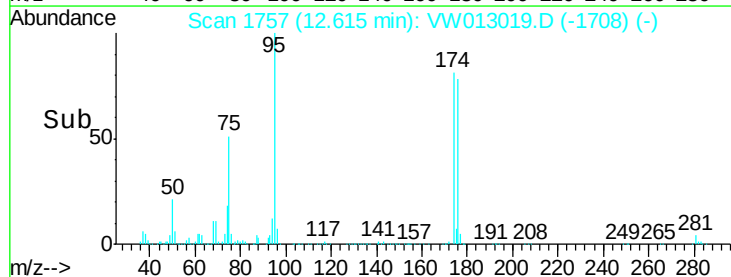
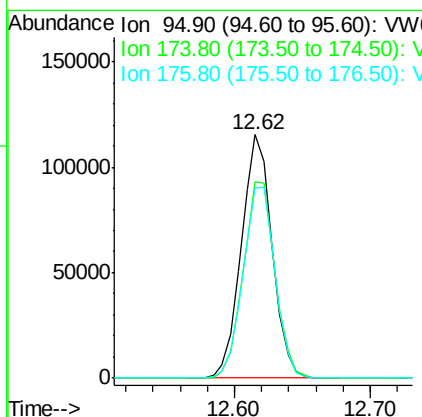
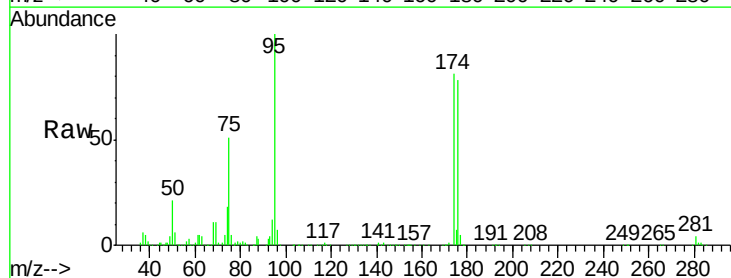
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2(3.5-4)

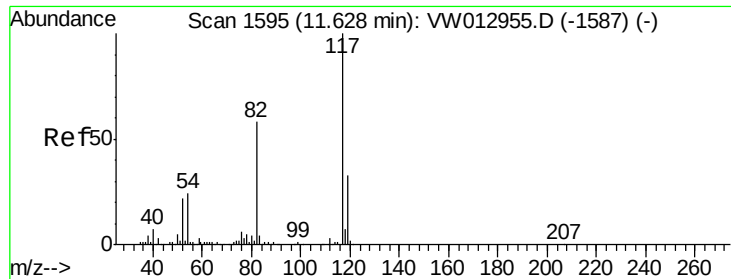
Tot Ion: 98 Resp: 607275
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.089 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013019.D
Acq: 15 Sep 2019 04:01

Tgt Ion: 95 Resp: 182419
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.4
176 81.9 0.0 164.6

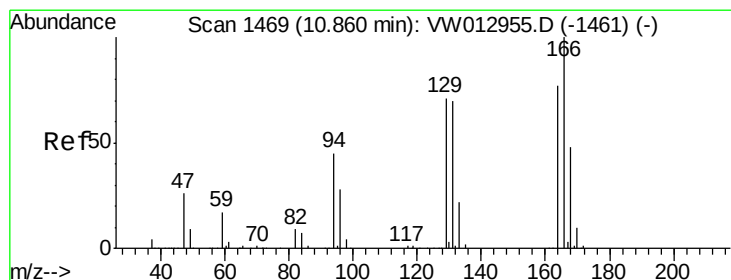
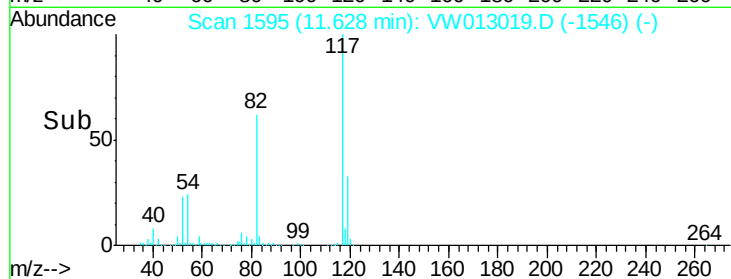
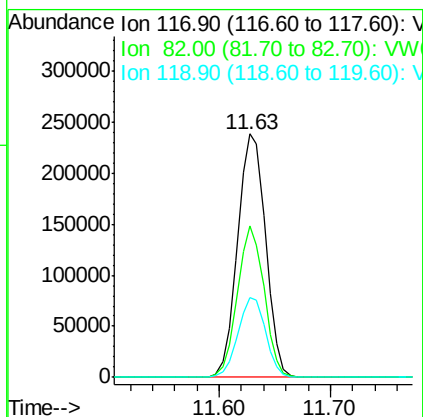
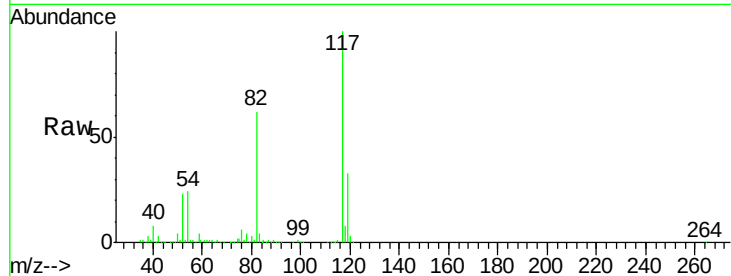




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013019.D
Acq: 15 Sep 2019 04:01

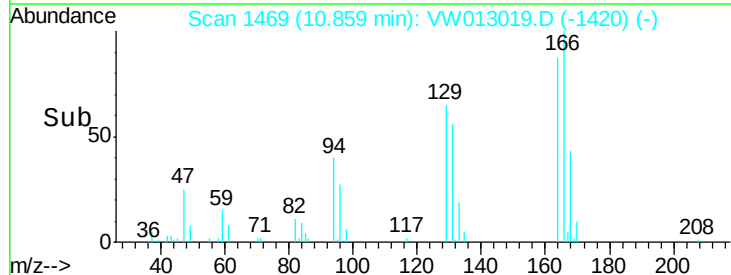
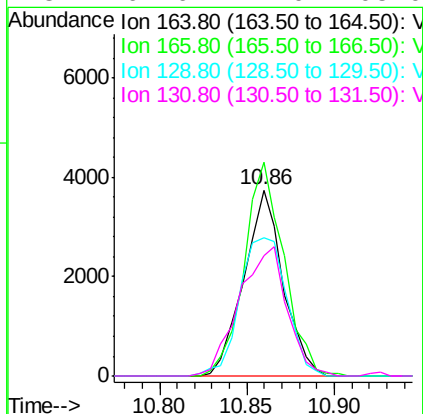
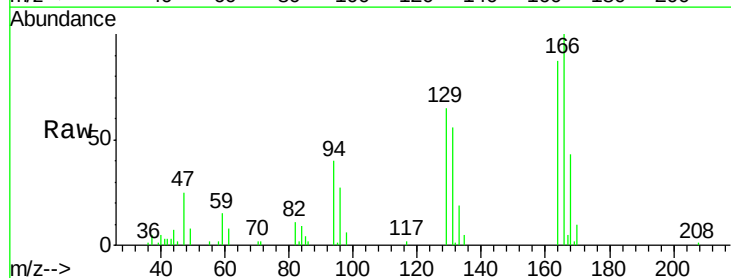
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S2(3.5-4)

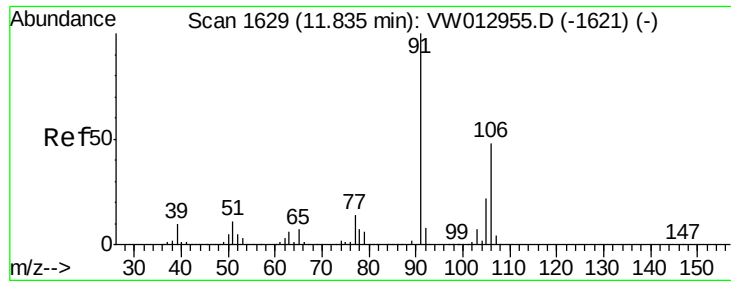
Tot Ion:117 Resp: 416460
Ion Ratio Lower Upper
117 100
82 62.4 46.3 69.5
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 2.342 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013019.D
Acq: 15 Sep 2019 04:01

Tgt Ion:164 Resp: 5802
Ion Ratio Lower Upper
164 100
166 114.9 103.3 154.9
129 74.4 73.8 110.8
131 64.6 72.0 108.0#

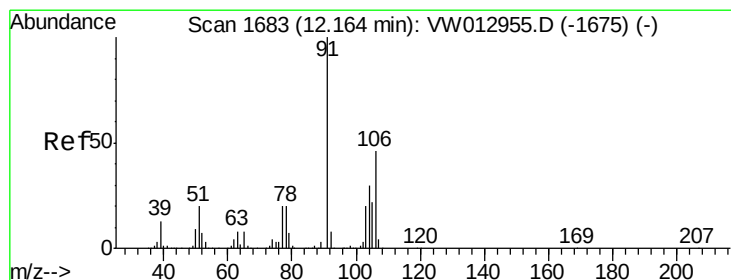
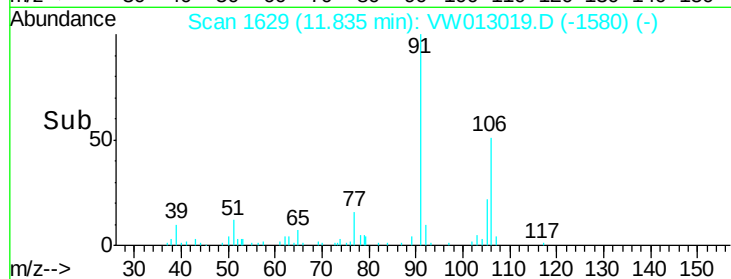
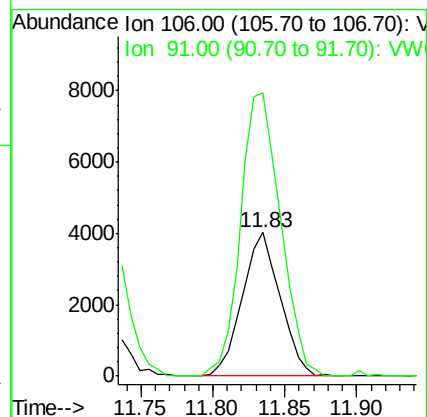
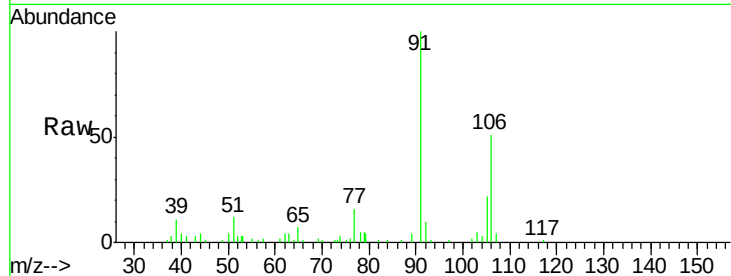




#68
m/p-Xylenes
Concen: 1.474 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013019.D
Acq: 15 Sep 2019 04:01

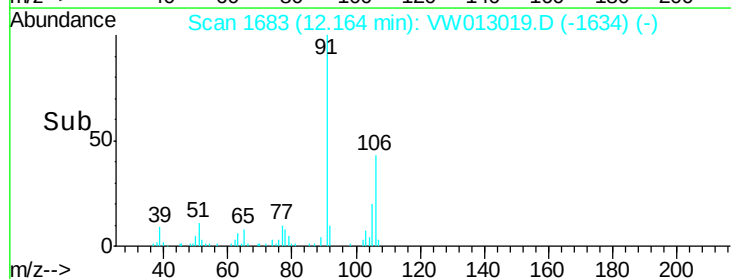
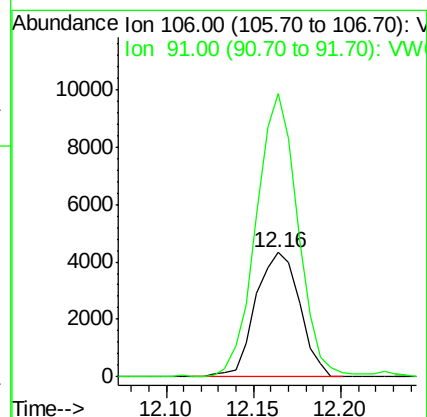
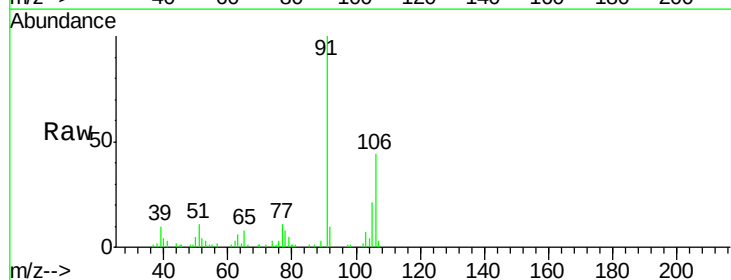
Instrument :
MSVOA_W
ClientSampled :
TP-3-S2(3.5-4)

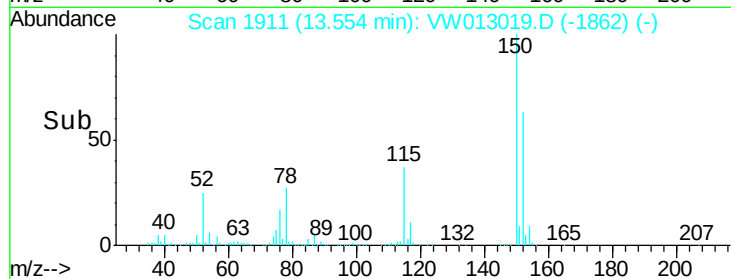
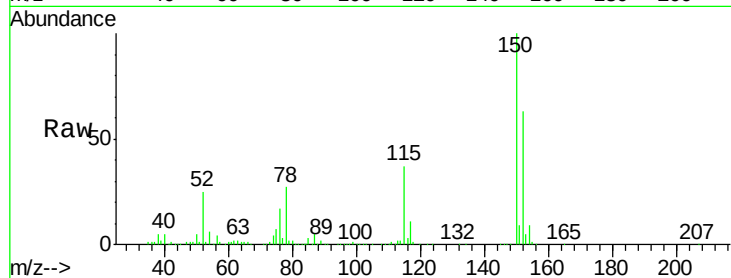
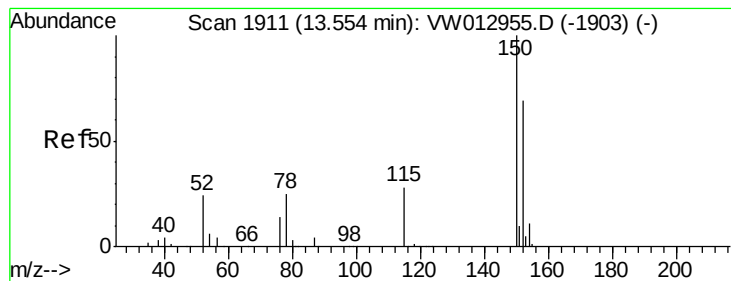
Tot Ion:106 Resp: 7379
Ion Ratio Lower Upper
106 100
91 205.9 165.8 248.8



#69
o-Xylene
Concen: 1.609 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013019.D
Acq: 15 Sep 2019 04:01

Tgt Ion:106 Resp: 7548
Ion Ratio Lower Upper
106 100
91 216.3 109.7 329.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW013019.D

Acq: 15 Sep 2019 04:01

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2(3.5-4)

Tot Ion:152 Resp: 155442

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.4

150 158.8 0.0 340.2

