

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013048.D
 Acq On : 16 Sep 2019 18:08
 Operator : SY/VA
 Sample : K4819-02
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S2(3.5-4)

Quant Time: Sep 17 07:51:14 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

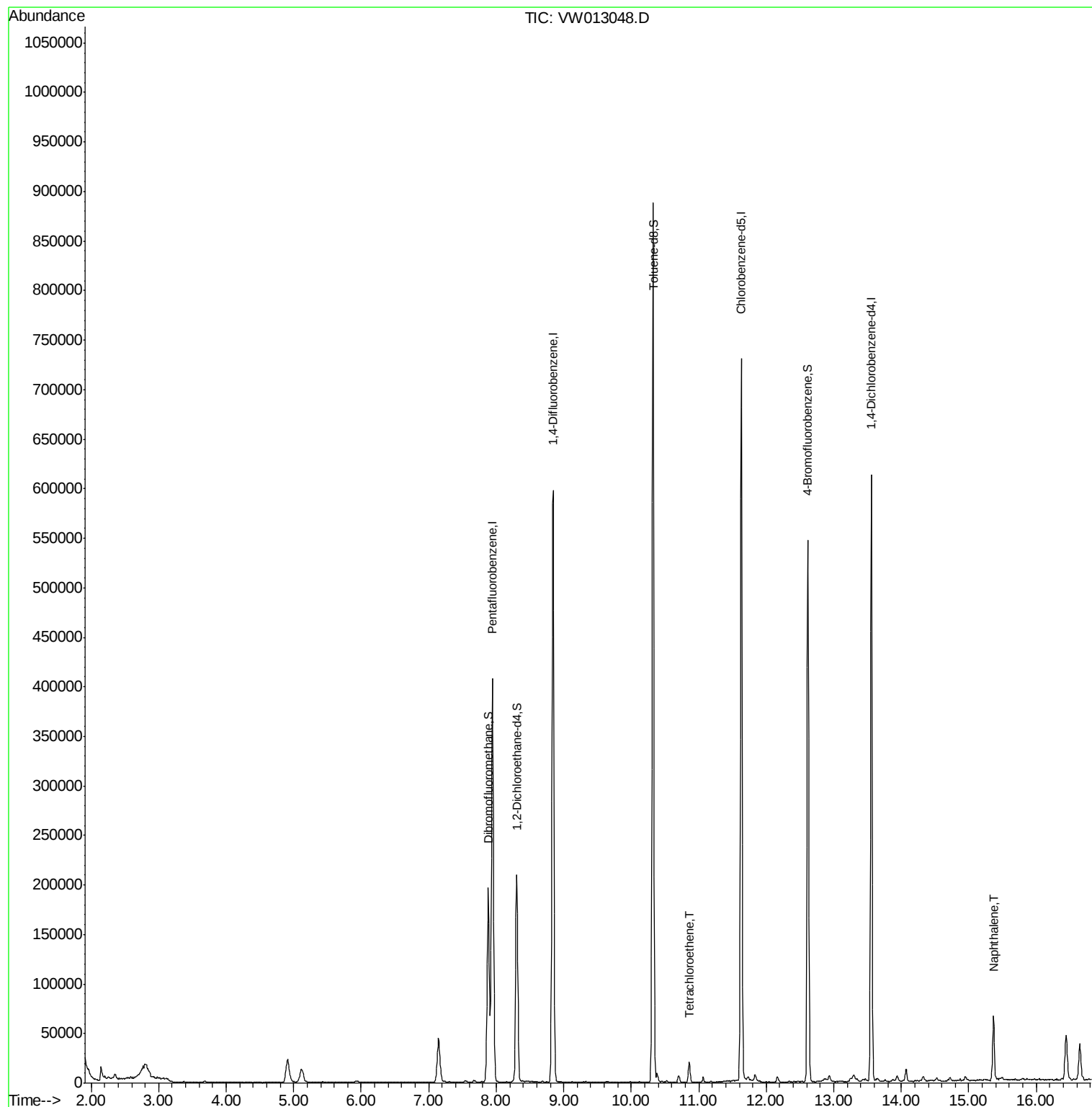
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	498135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	403140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	163173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166204	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.88	113	139408	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	577853	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.62	95	179282	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
Target Compounds						
64) Tetrachloroethene	10.87	164	4396	1.833	ug/l	90
95) Naphthalene	15.36	128	53598	10.370	ug/l	98

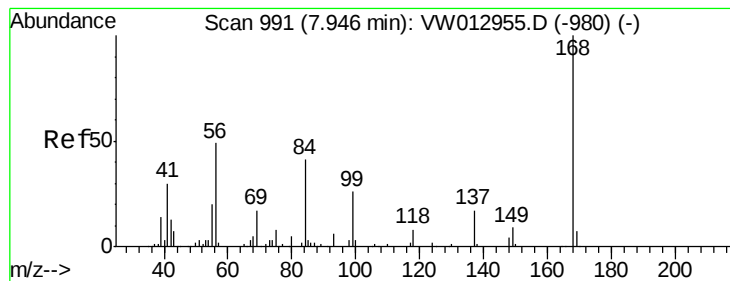
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013048.D

Acq: 16 Sep 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

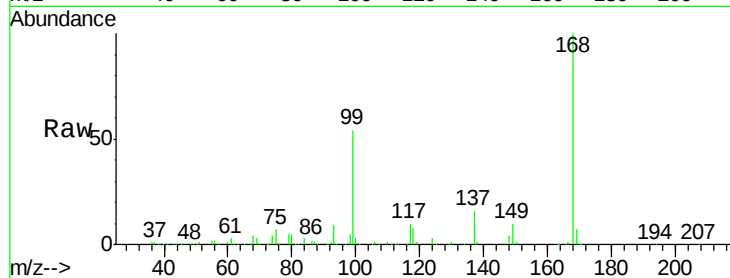
TP-2-S2(3.5-4)

Tot Ion:168 Resp: 319918

Ion Ratio Lower Upper

168 100

99 53.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

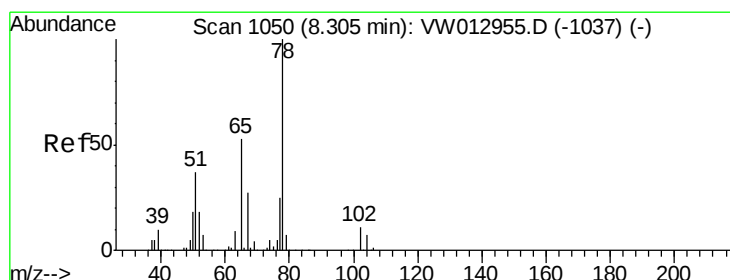
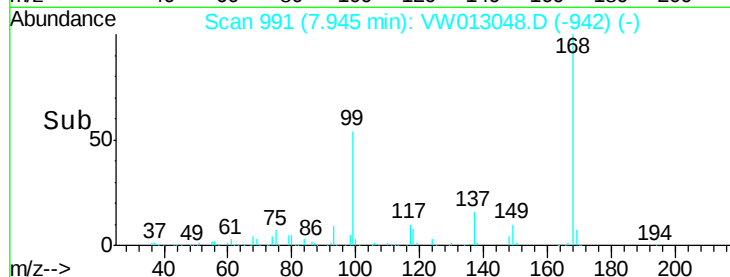
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.251 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013048.D

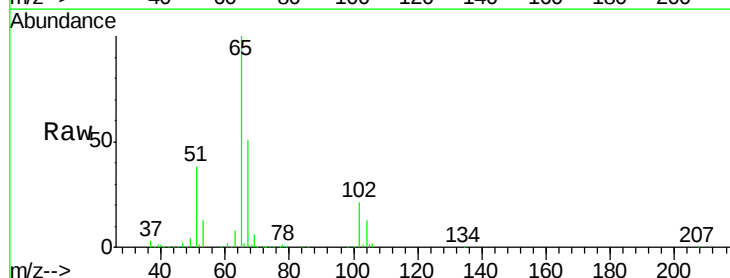
Acq: 16 Sep 2019 18:08

Tgt Ion: 65 Resp: 166204

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

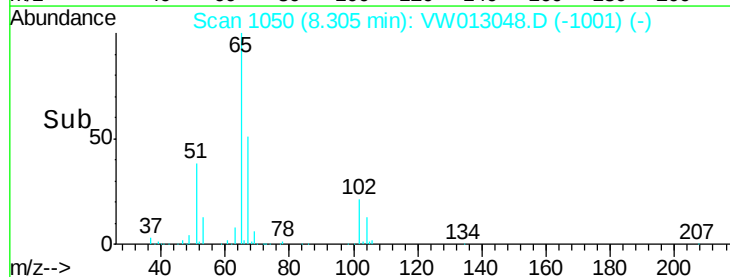
40000

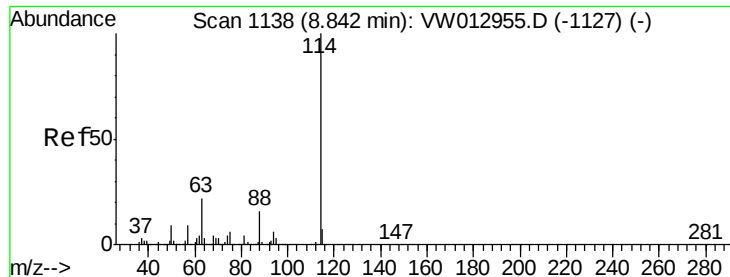
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013048.D

Acq: 16 Sep 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S2(3.5-4)

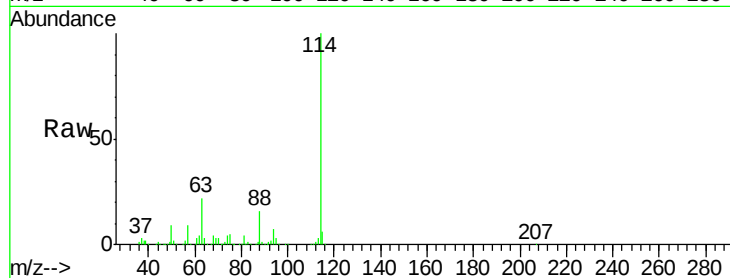
Tot Ion:114 Resp: 498135

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

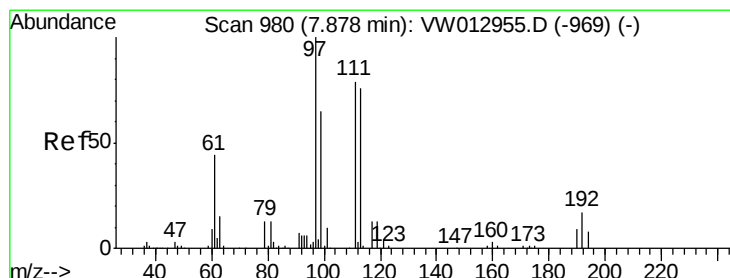
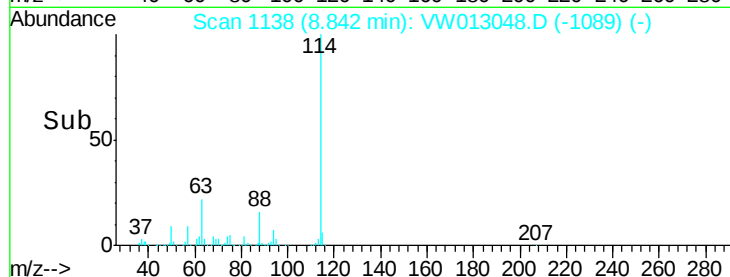
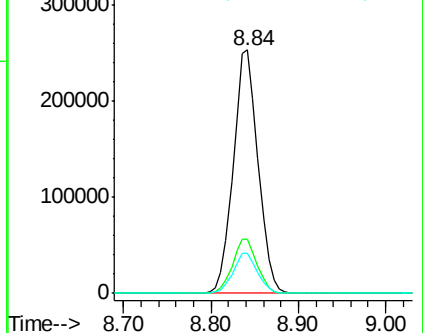
88 16.4 0.0 31.6



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: 51.576 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013048.D

Acq: 16 Sep 2019 18:08

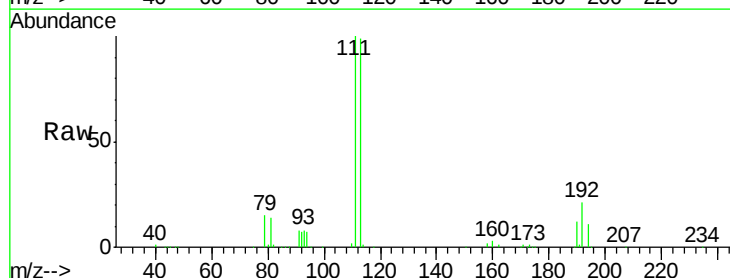
Tgt Ion:113 Resp: 139408

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

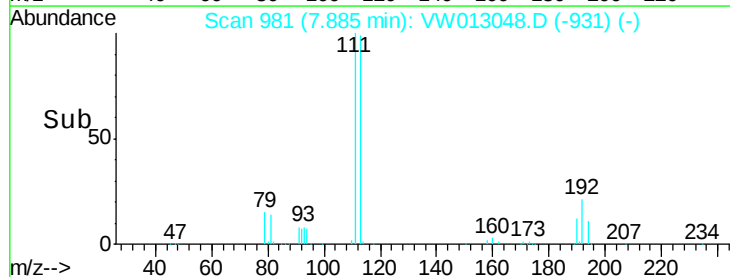
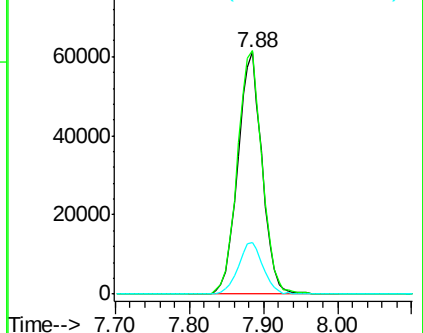
192 21.7 17.8 26.8

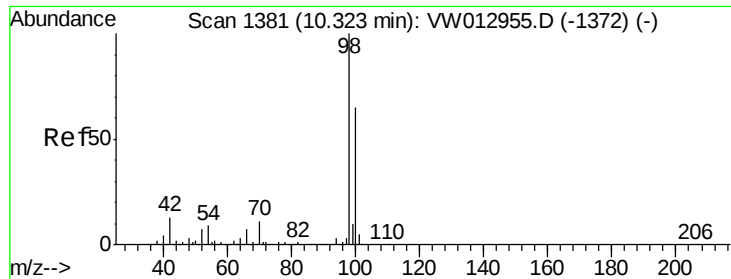


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.633 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013048.D

Acq: 16 Sep 2019 18:08

Instrument :

MSVOA_W

ClientSampleId :

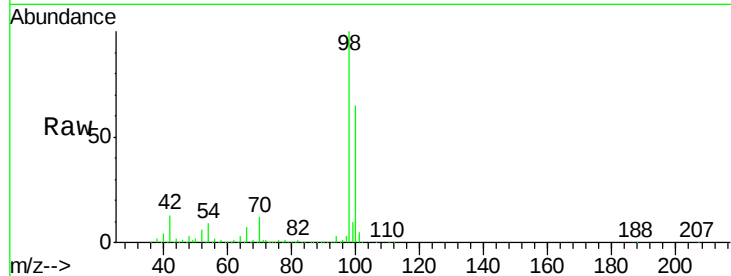
TP-2-S2(3.5-4)

Tot Ion: 98 Resp: 577853

Ion Ratio Lower Upper

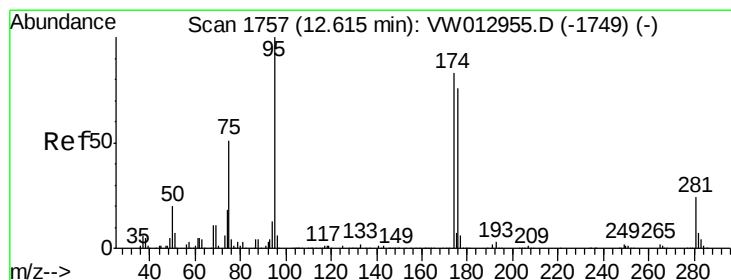
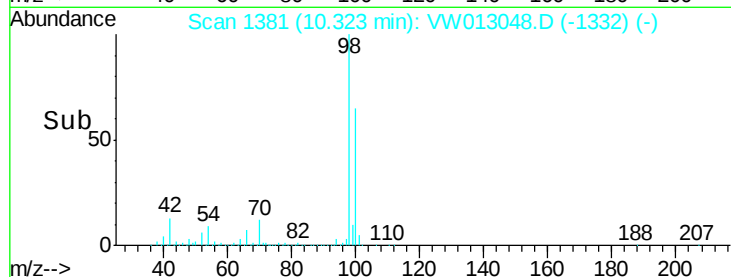
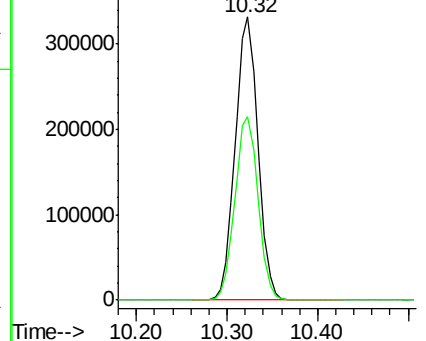
98 100

100 66.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.139 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013048.D

Acq: 16 Sep 2019 18:08

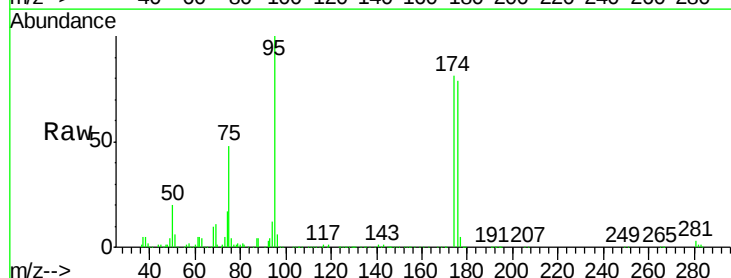
Tgt Ion: 95 Resp: 179282

Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.4

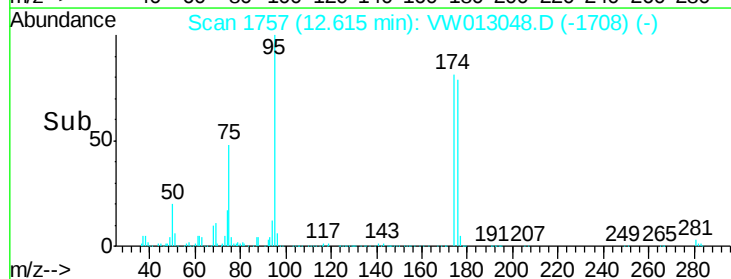
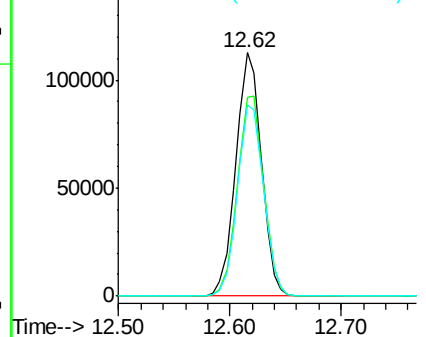
176 80.4 0.0 164.6

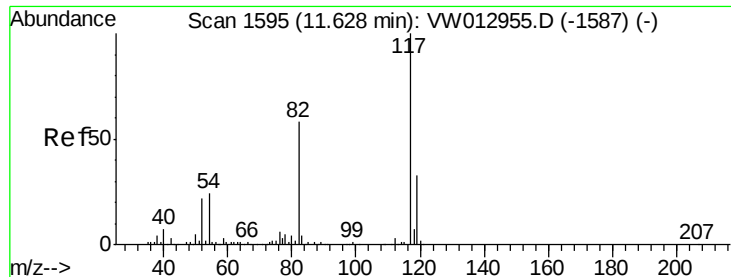


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

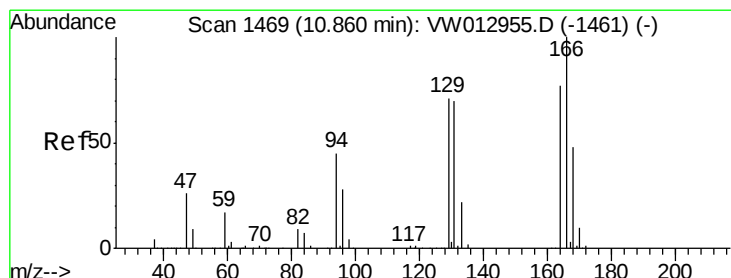
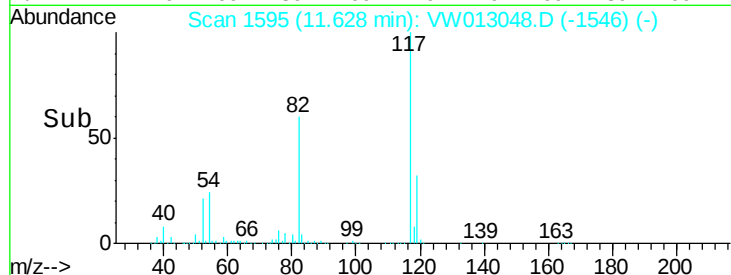
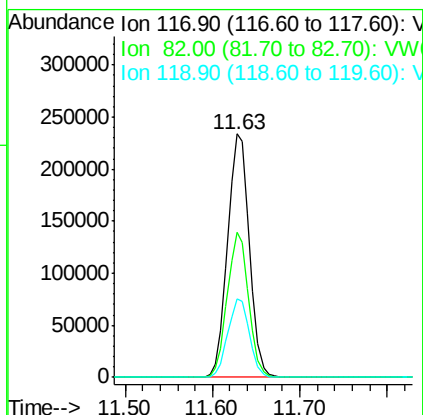
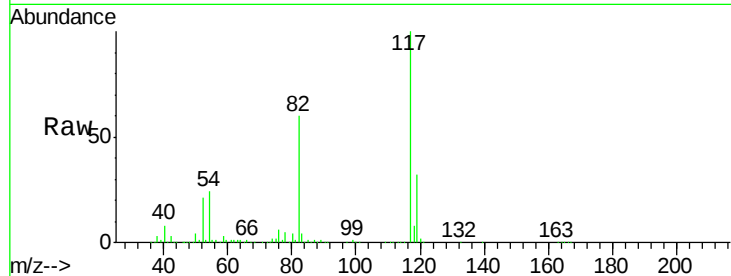




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013048.D
Acq: 16 Sep 2019 18:08

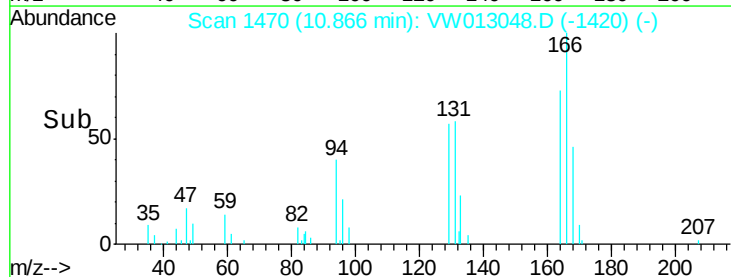
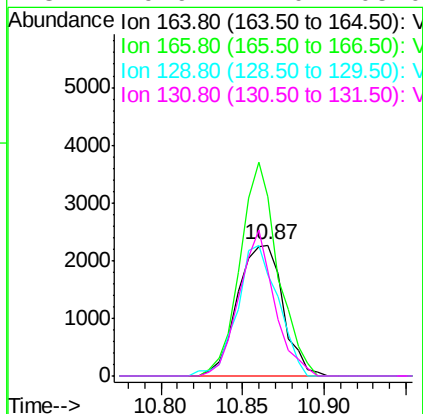
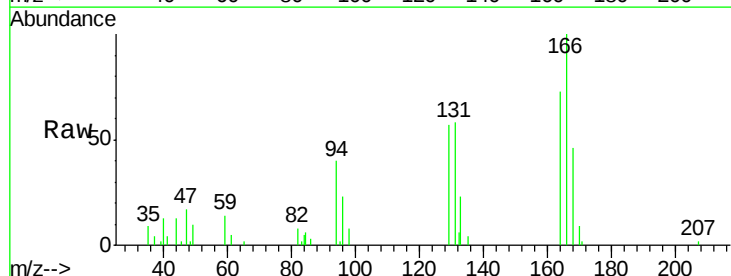
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2(3.5-4)

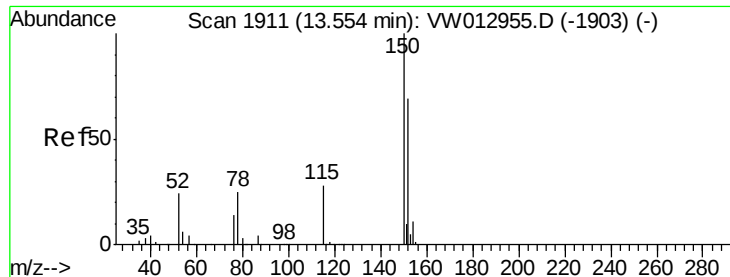
Tot Ion:117 Resp: 403140
Ion Ratio Lower Upper
117 100
82 59.7 46.3 69.5
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 1.833 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW013048.D
Acq: 16 Sep 2019 18:08

Tgt Ion:164 Resp: 4396
Ion Ratio Lower Upper
164 100
166 136.9 103.3 154.9
129 77.5 73.8 110.8
131 79.9 72.0 108.0



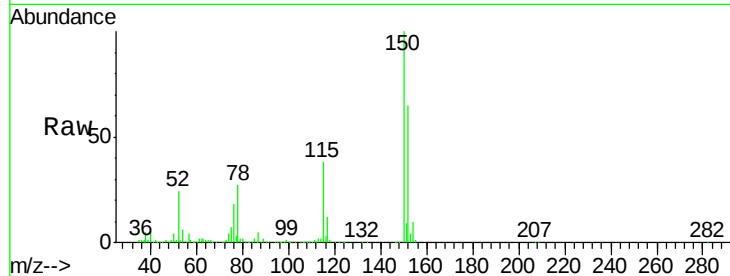


#72

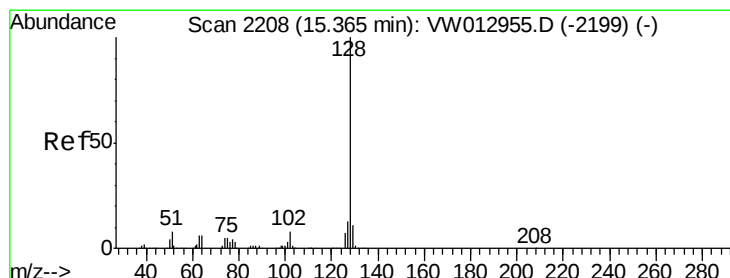
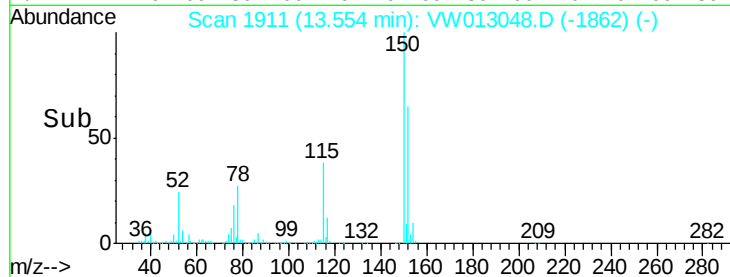
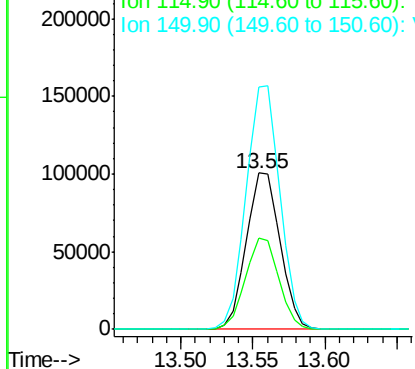
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013048.D
Acq: 16 Sep 2019 18:08

Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2(3.5-4)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.8	86.4
150	156.0	0.0	340.2



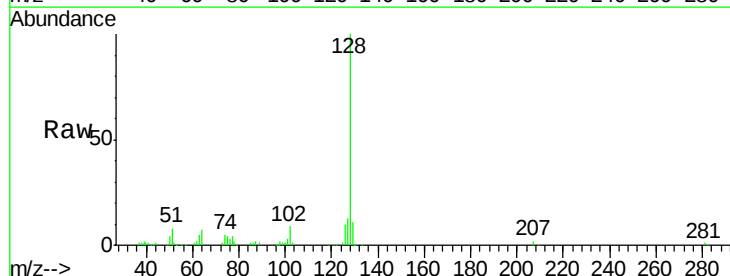
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 10.370 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013048.D
Acq: 16 Sep 2019 18:08

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	11.0	16.6
129	11.2	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

