

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012620.D
 Acq On : 05 Sep 2019 05:42
 Operator : SY/VA
 Sample : K4547-12
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T7-S-G1-(2.5)

Quant Time: Sep 05 07:52:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

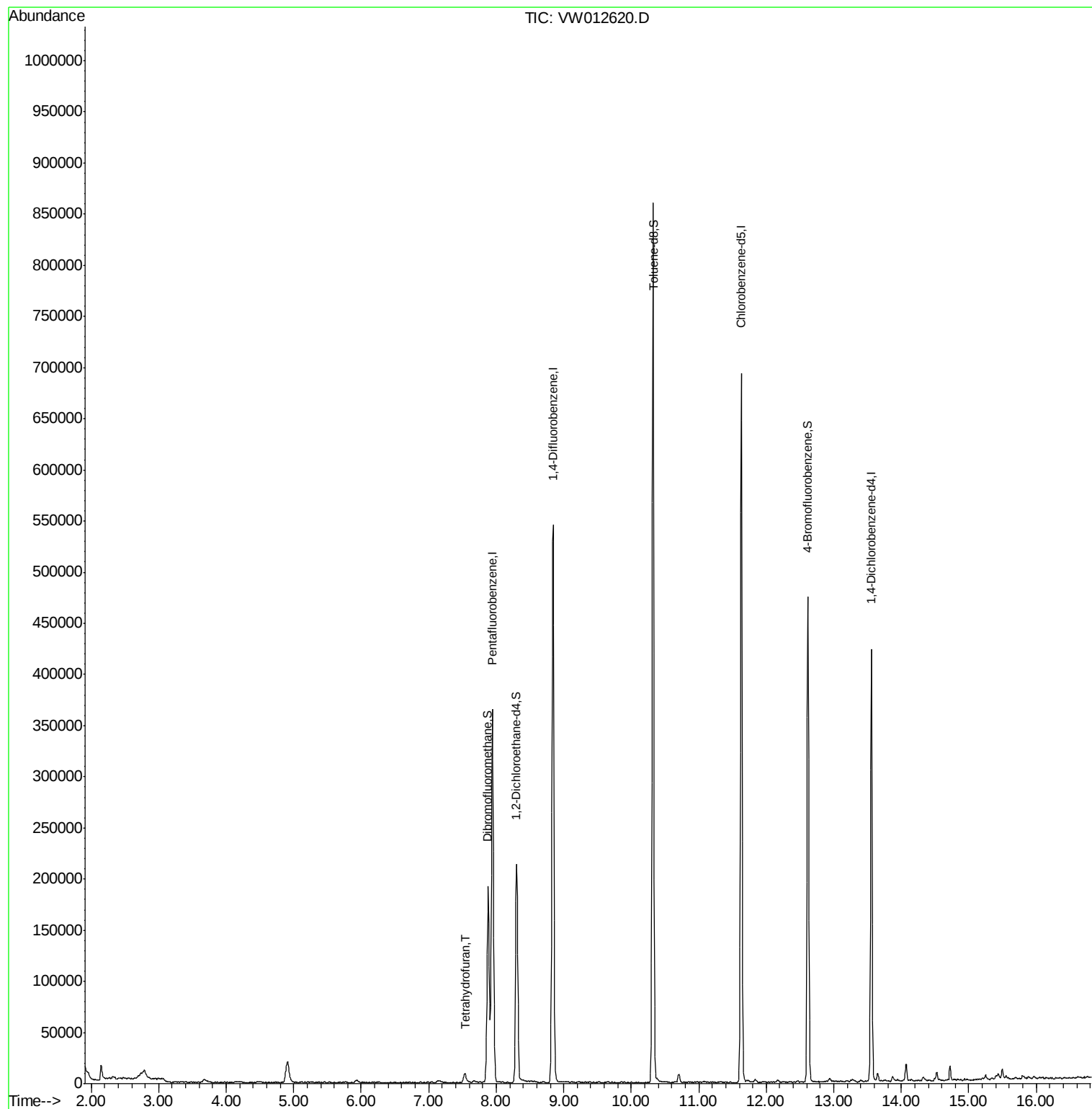
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	177585	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	7.88	113	134648	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	10.32	98	532757	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	151535	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	7754	11.802	ug/l #	94

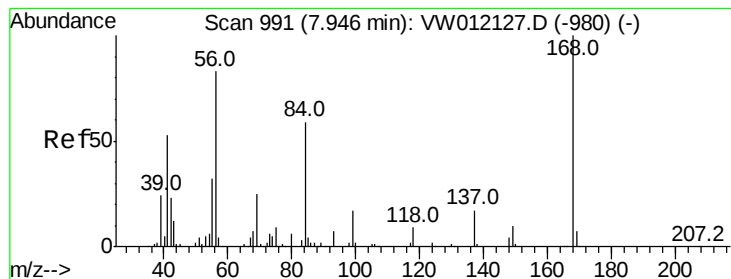
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

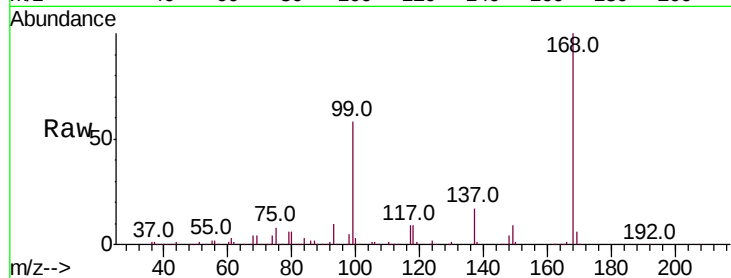
T7-S-G1-(2.5)

Tot Ion:168 Resp: 265197

Ion Ratio Lower Upper

168 100

99 58.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

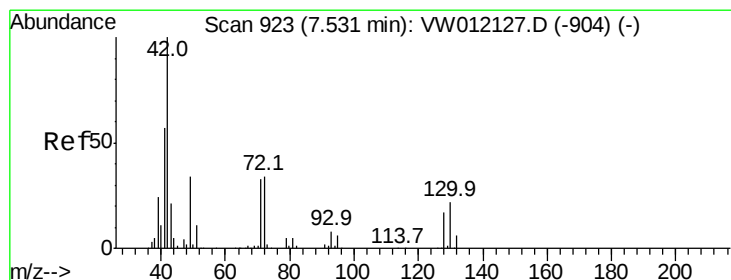
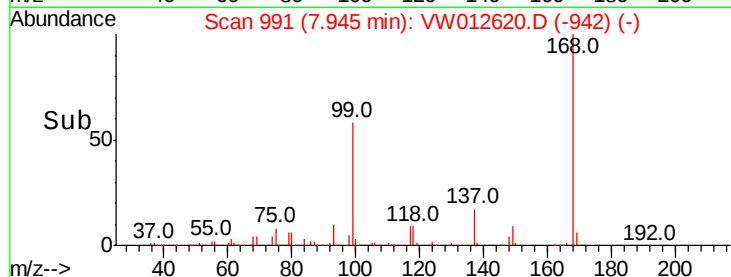
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 11.802 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012620.D

Acq: 05 Sep 2019 05:42

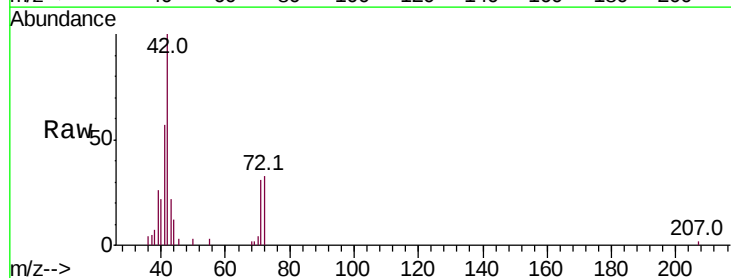
Tgt Ion: 42 Resp: 7754

Ion Ratio Lower Upper

42 100

72 34.8 27.3 40.9

71 38.3 25.5 38.3#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.53

4000

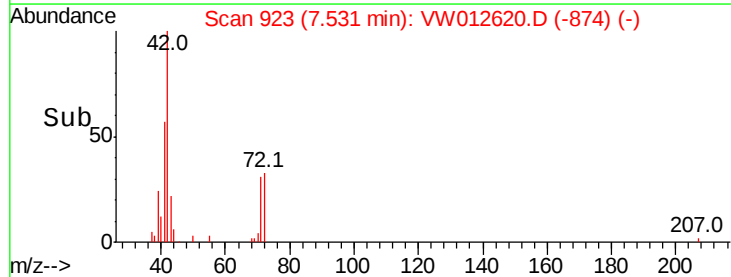
3000

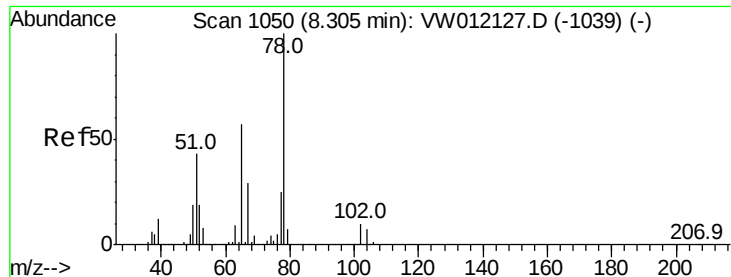
2000

1000

0

Time--> 7.40 7.50 7.60





#33

1,2-Dichloroethane-d4

Concen: 56.331 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

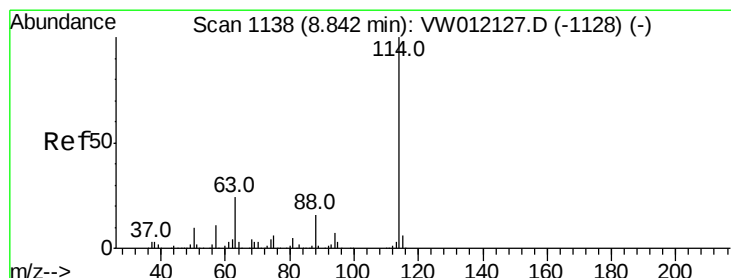
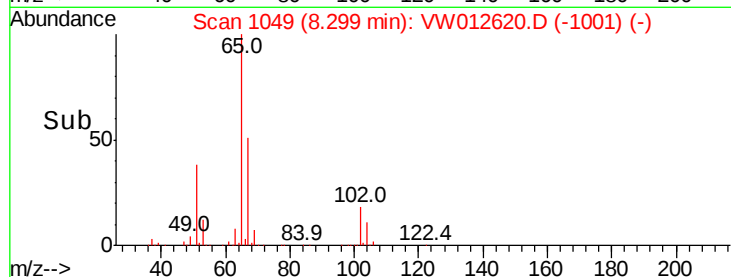
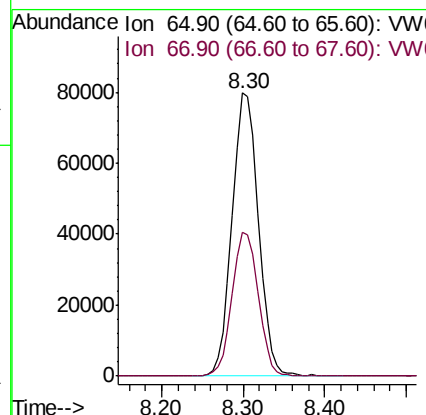
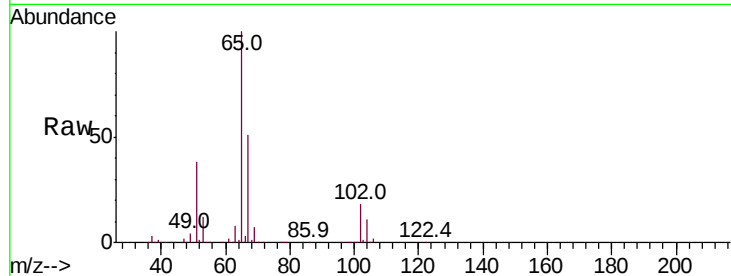
Lab File: VW012620.D

Acq: 05 Sep 2019 05:42

Instrument :
MSVOA_W
ClientSampleId :
T7-S-G1-(2.5)

Tot Ion: 65 Resp: 177585

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

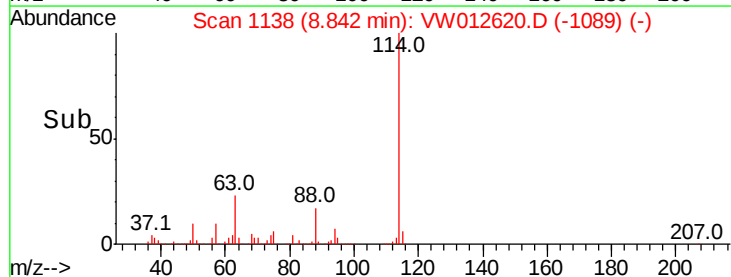
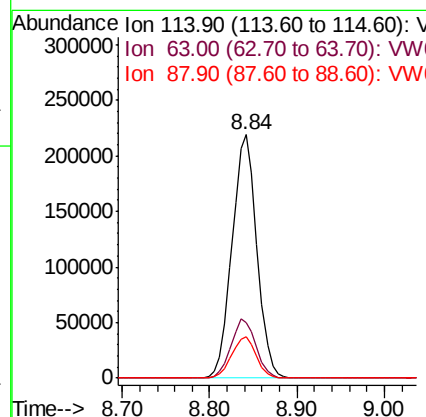
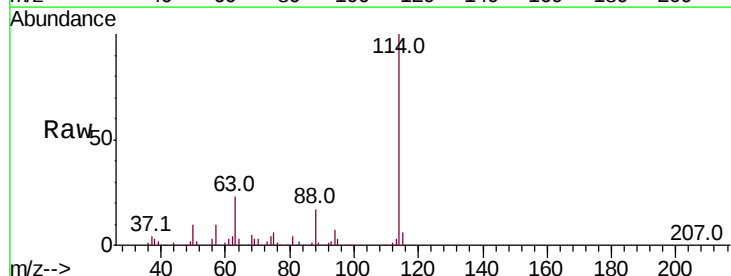
Delta R.T. -0.00 min

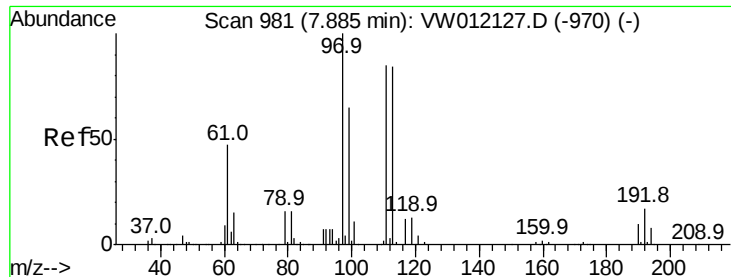
Lab File: VW012620.D

Acq: 05 Sep 2019 05:42

Tgt Ion: 114 Resp: 431686

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	48.6
88	16.8	0.0	32.2





#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012620.D

Acq: 05 Sep 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

T7-S-G1-(2.5)

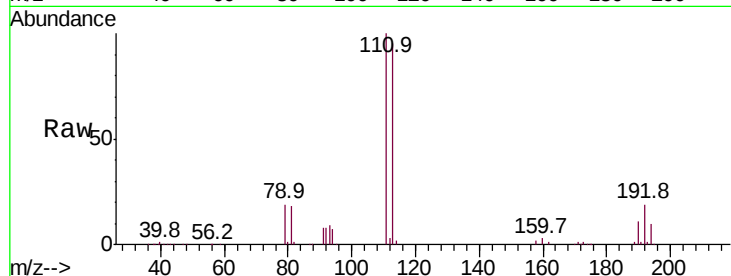
Tot Ion:113 Resp: 134648

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

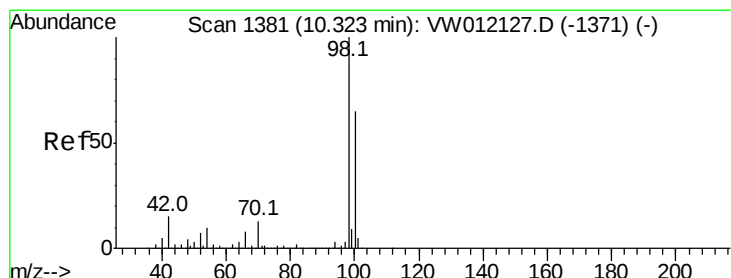
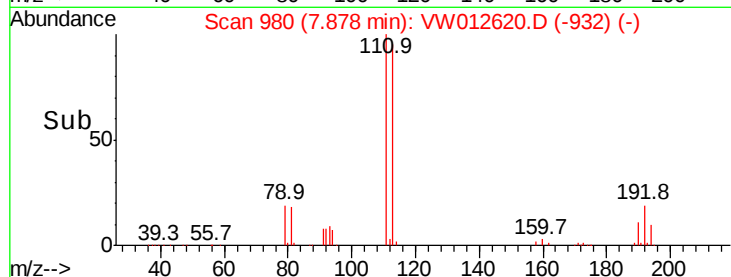
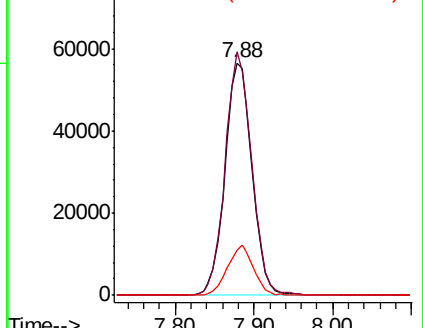
192 20.8 16.2 24.2



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: 50.992 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012620.D

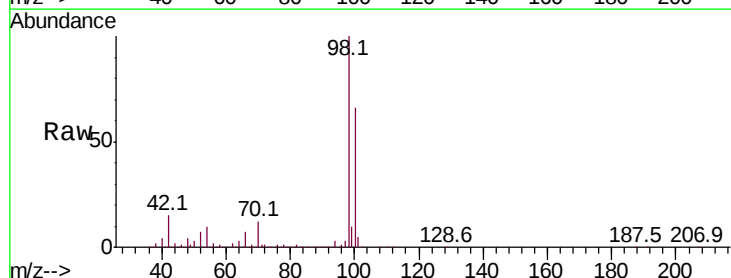
Acq: 05 Sep 2019 05:42

Tgt Ion: 98 Resp: 532757

Ion Ratio Lower Upper

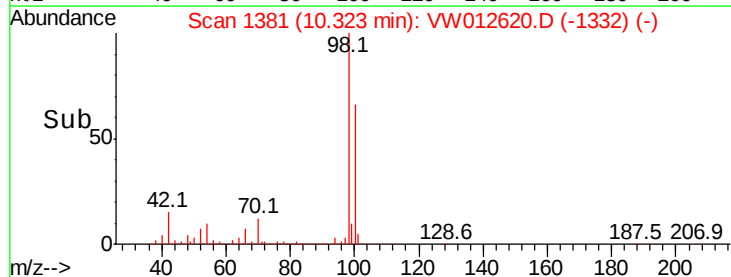
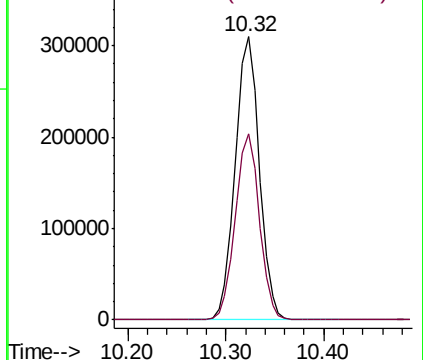
98 100

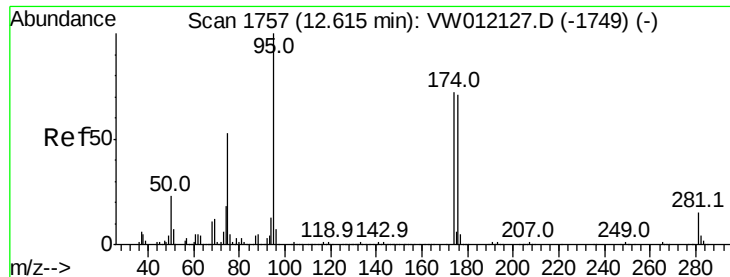
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

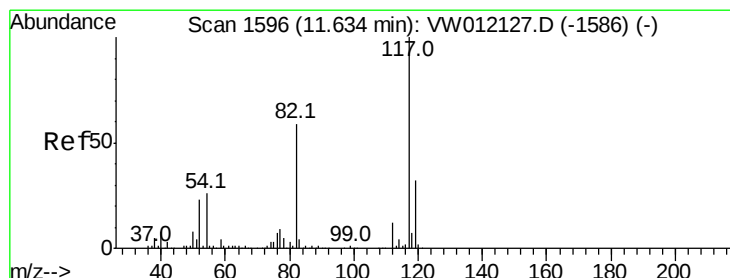
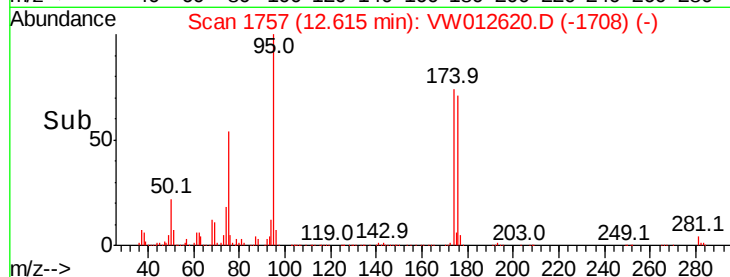
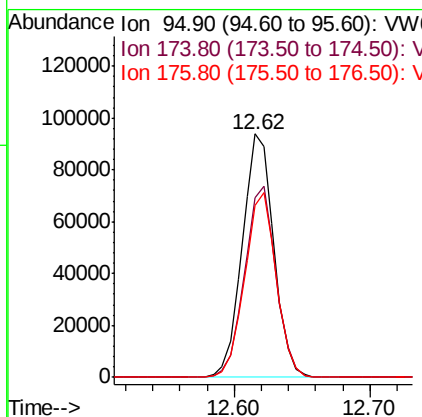
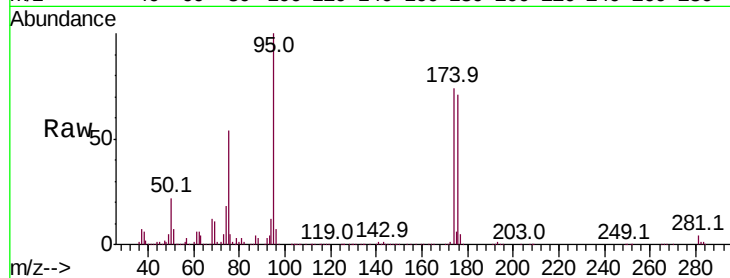




#62
4-Bromofluorobenzene
Concen: 41.146 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012620.D
Acq: 05 Sep 2019 05:42

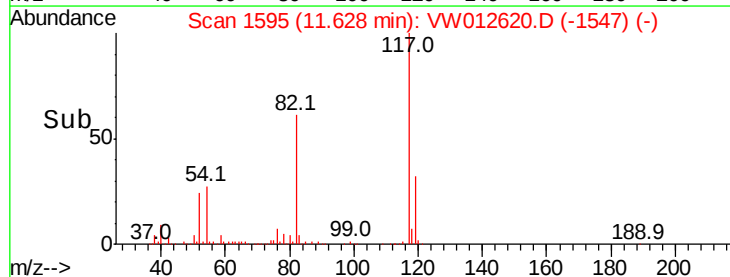
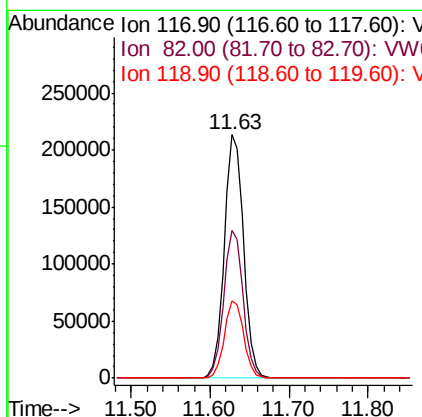
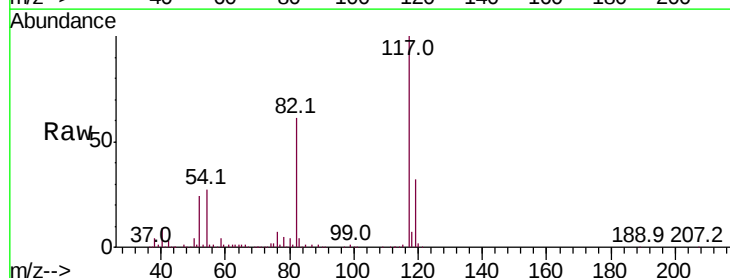
Instrument :
MSVOA_W
ClientSampleId :
T7-S-G1-(2.5)

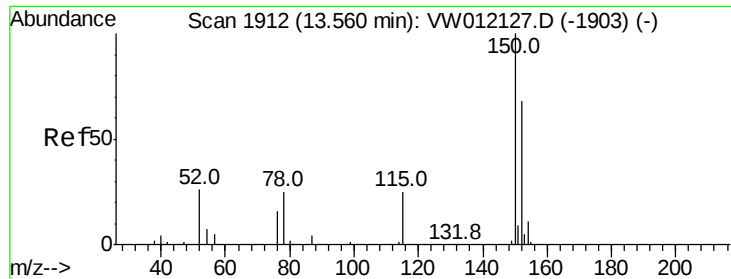
Tot Ion	95	Resp	151535
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	150.8
176	76.1	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012620.D
Acq: 05 Sep 2019 05:42

Tgt Ion	117	Resp	361249
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	32.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012620.D

Acq: 05 Sep 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

T7-S-G1-(2.5)

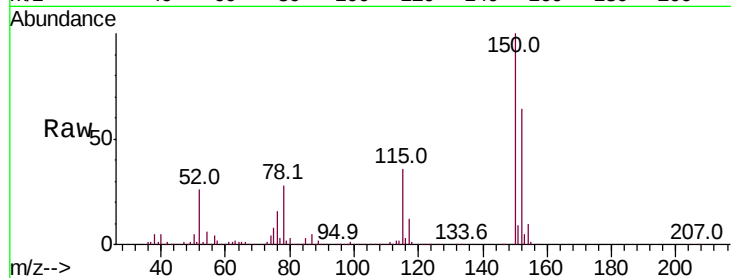
Tot Ion:152 Resp: 107852

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 155.8 0.0 345.8



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

