

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012178.D
 Acq On : 26 Aug 2019 18:40
 Operator : SY/VA
 Sample : K4090-13
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-082219

Quant Time: Aug 27 05:47:43 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

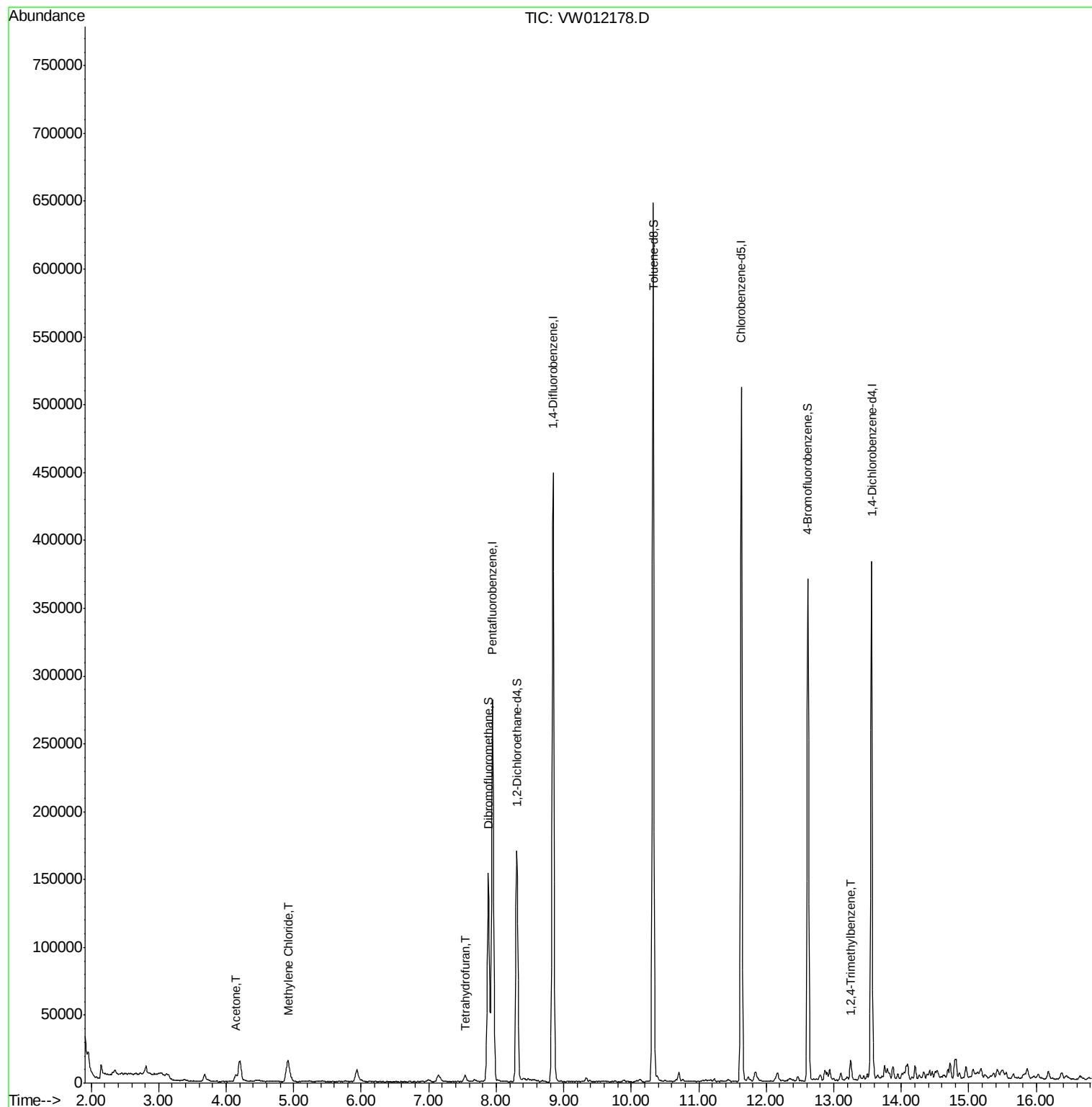
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134662	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
35) Dibromofluoromethane	7.88	113	106918	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
50) Toluene-d8	10.32	98	406274	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.62	95	120589	41.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.94%	
Target Compounds						
16) Acetone	4.14	43	11060	17.997	ug/l	94
20) Methylene Chloride	4.92	84	11781	5.071	ug/l	97
29) Tetrahydrofuran	7.54	42	4072	8.128	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	8037	1.357	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: VW012178.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_W

ClientSampled :

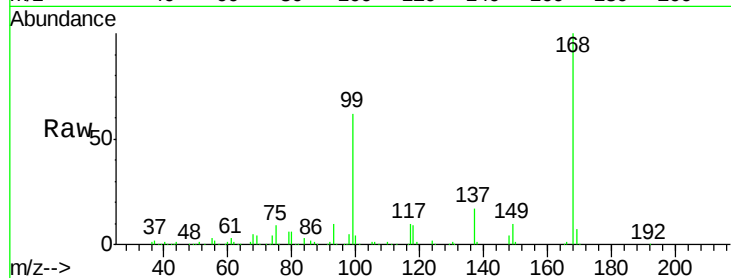
OR-03-082219

Tot Ion:168 Resp: 202235

Ion Ratio Lower Upper

168 100

99 61.8 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

80000

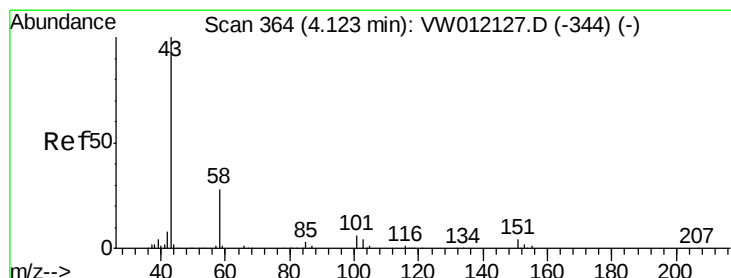
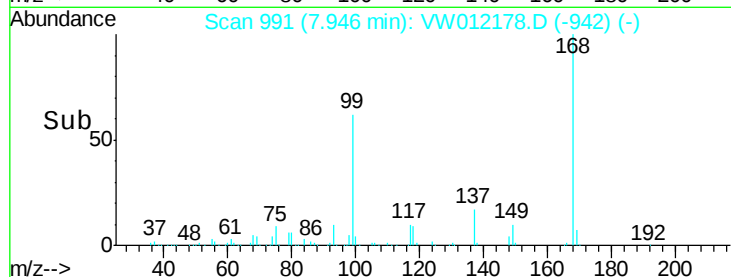
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 17.997 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012178.D

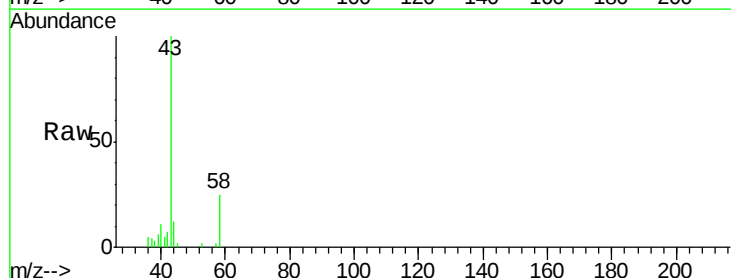
Acq: 26 Aug 2019 18:40

Tgt Ion: 43 Resp: 11060

Ion Ratio Lower Upper

43 100

58 24.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

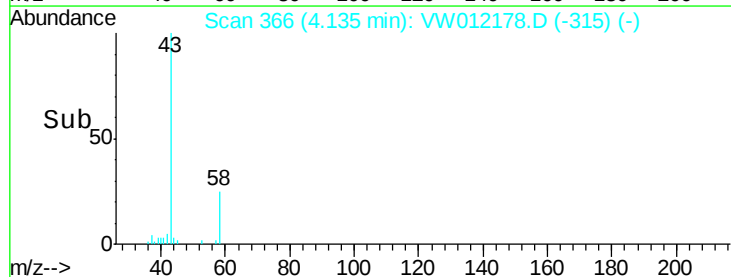
3000

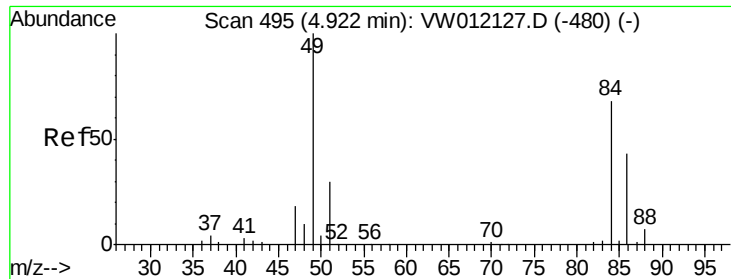
2000

1000

0

Time-->

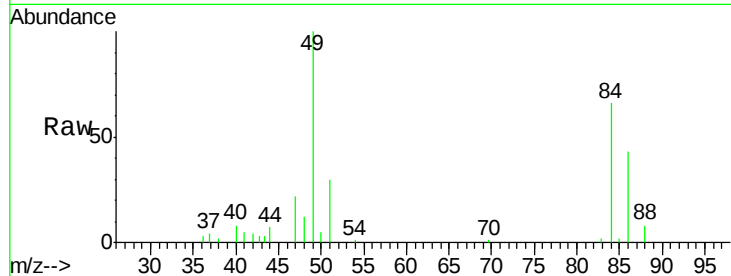




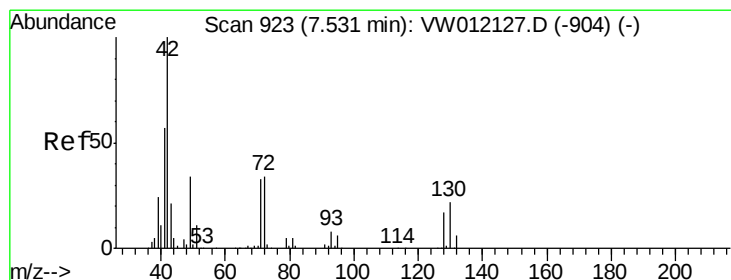
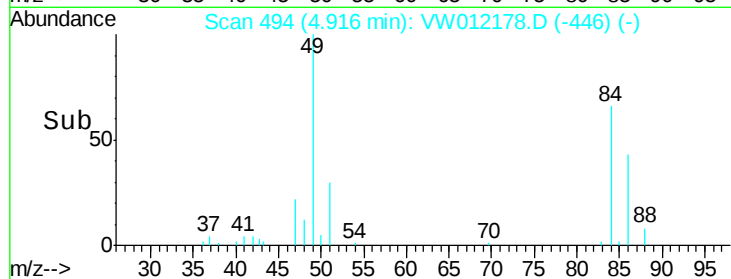
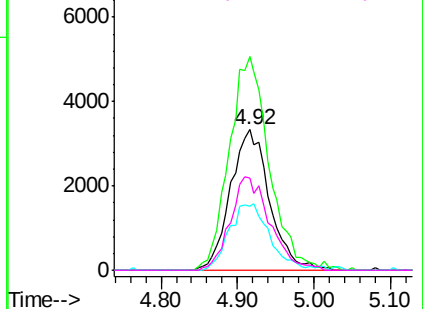
#20
Methvlene Chloride
Concen: 5.071 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012178.D
Acq: 26 Aug 2019 18:40

Instrument :
MSVOA_W
ClientSampleId :
OR-03-082219

Tot Ion:	84	Resp:	11781
Ion	Ratio	Lower	Upper
84	100		
49	152.2	117.8	176.8
51	45.3	35.6	53.4
86	65.6	51.2	76.8

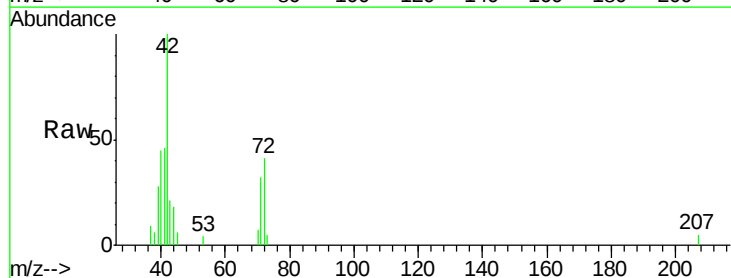


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

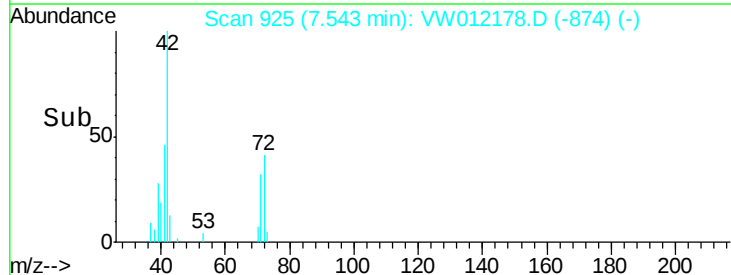
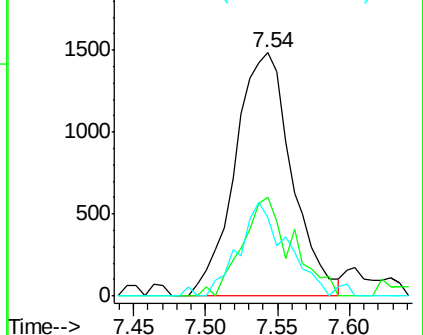


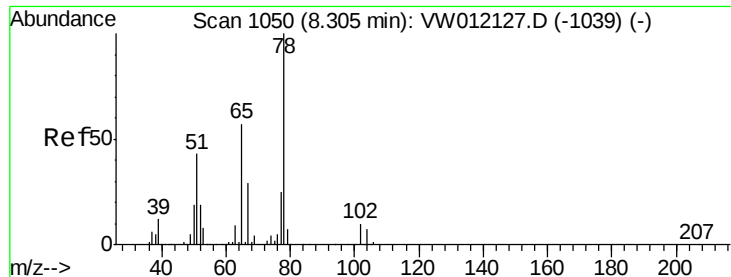
#29
Tetrahydrofuran
Concen: 8.128 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012178.D
Acq: 26 Aug 2019 18:40

Tgt Ion:	42	Resp:	4072
Ion	Ratio	Lower	Upper
42	100		
72	35.6	27.3	40.9
71	32.2	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





#33

1,2-Dichloroethane-d4

Concen: 56.014 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012178.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_W

ClientSampleId :

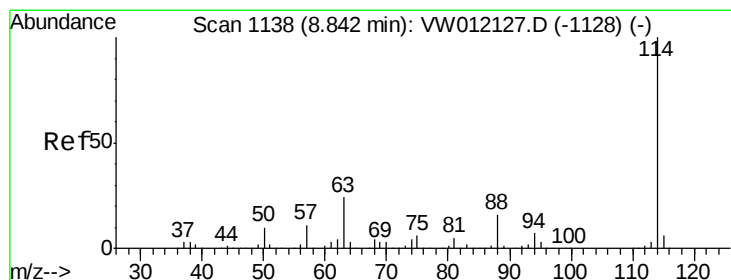
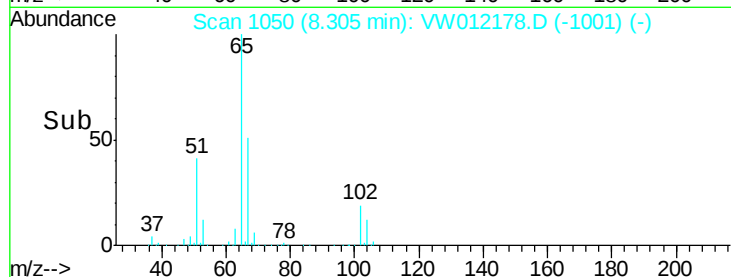
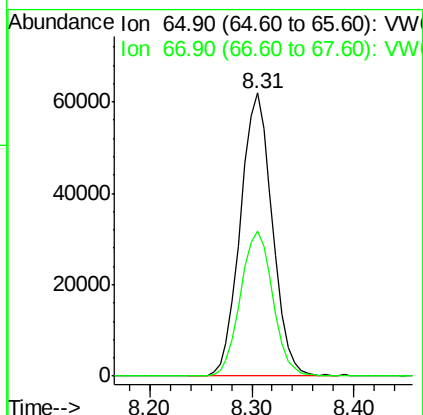
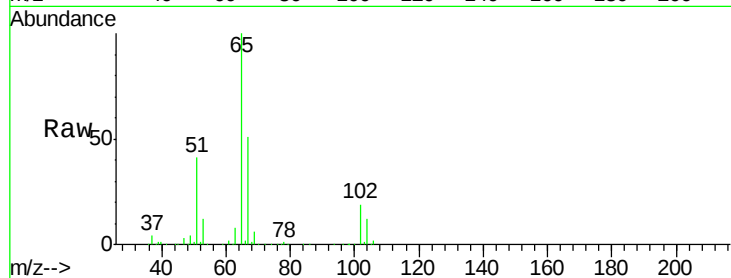
OR-03-082219

Tot Ion: 65 Resp: 134662

Ion Ratio Lower Upper

65 100

67 52.0 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: VW012178.D

Acq: 26 Aug 2019 18:40

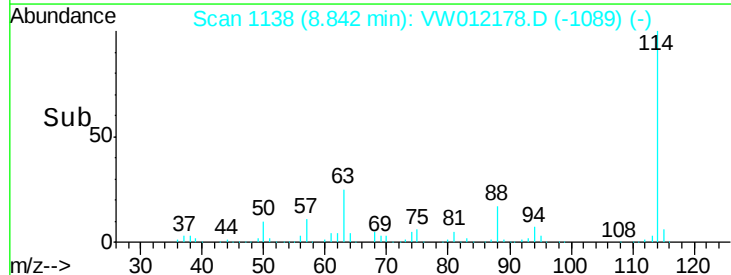
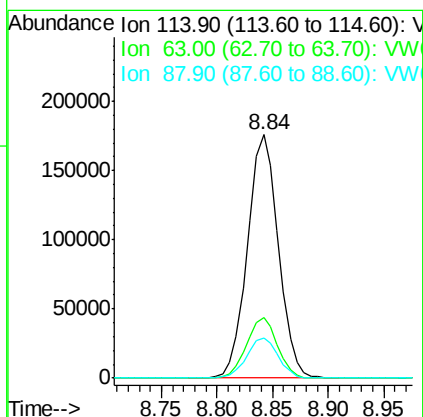
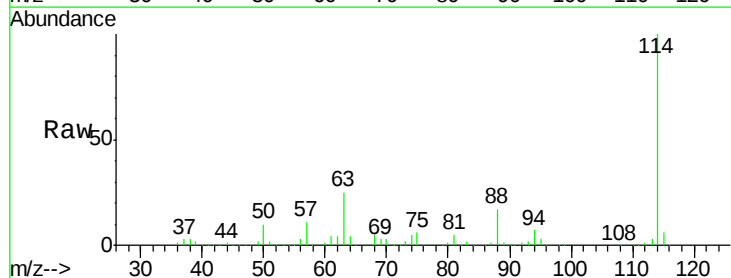
Tgt Ion: 114 Resp: 340863

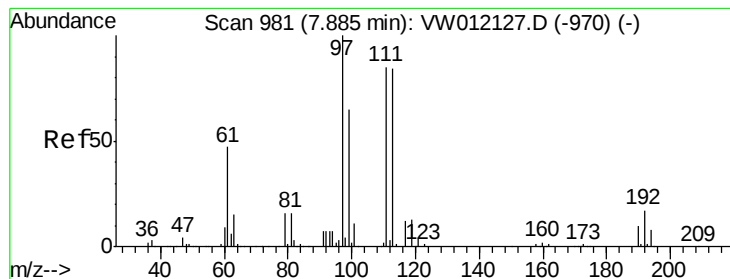
Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.6

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.549 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012178.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_W

ClientSampleId :

OR-03-082219

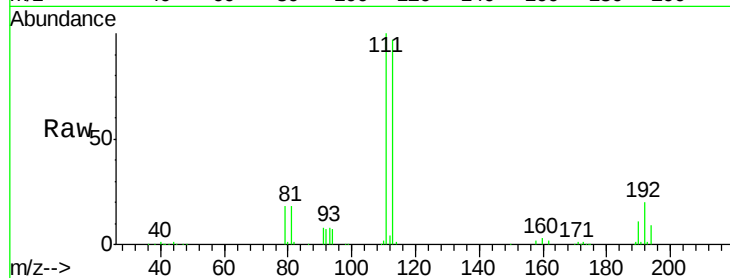
Tot Ion:113 Resp: 106918

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

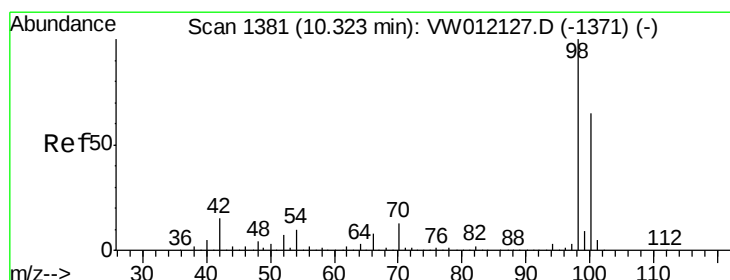
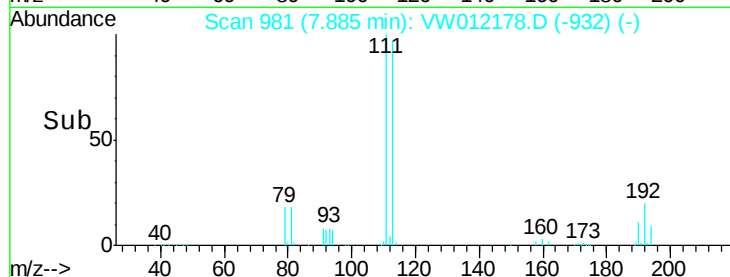
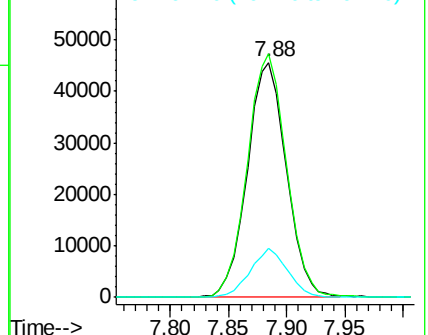
192 19.9 16.2 24.2



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: 49.247 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012178.D

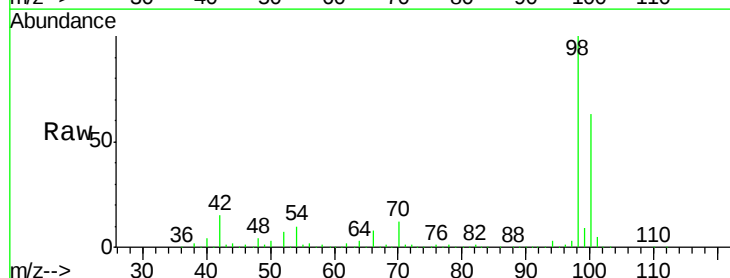
Acq: 26 Aug 2019 18:40

Tgt Ion: 98 Resp: 406274

Ion Ratio Lower Upper

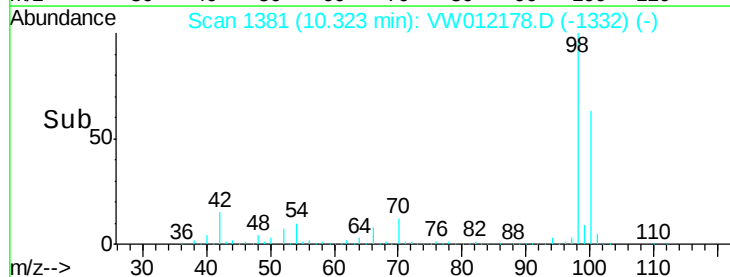
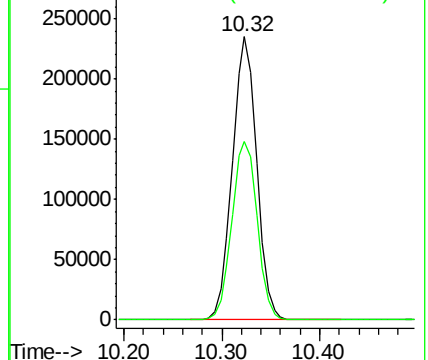
98 100

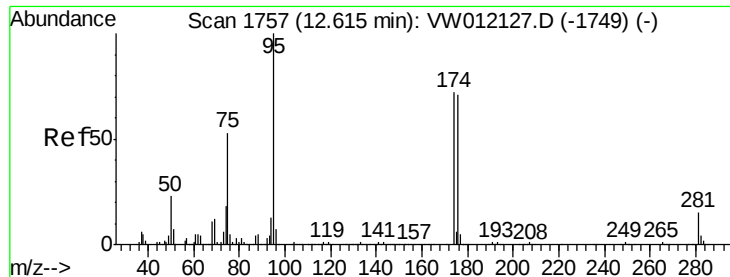
100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

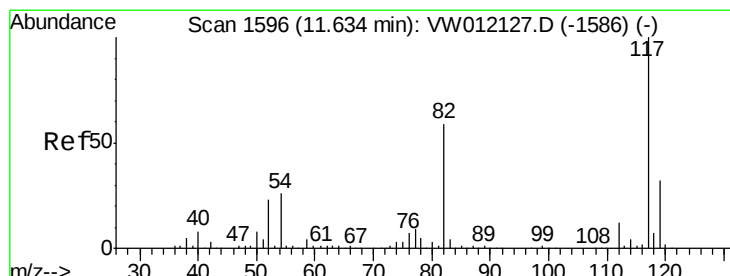
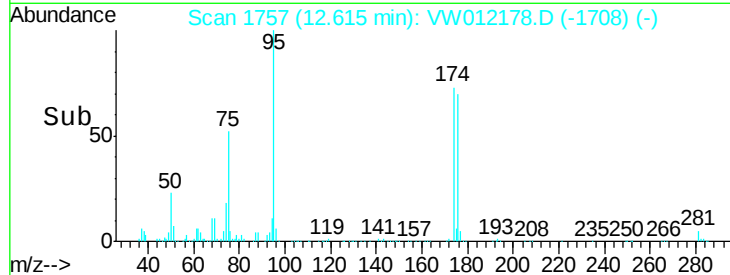
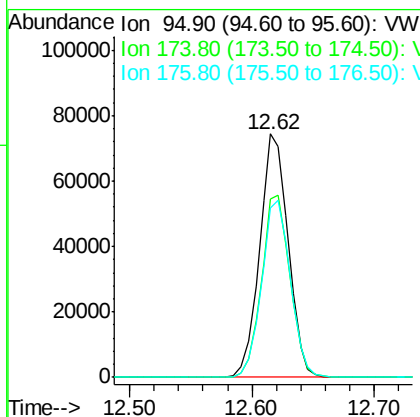
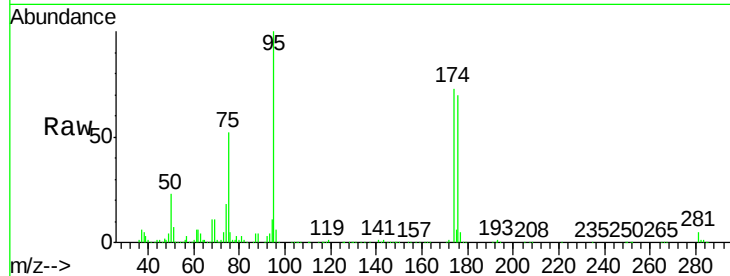




#62
4-Bromofluorobenzene
Concen: 41.467 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012178.D
Acq: 26 Aug 2019 18:40

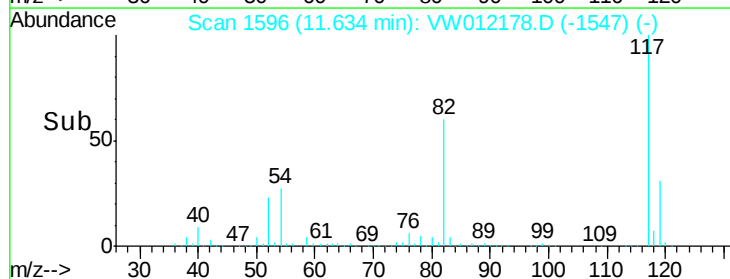
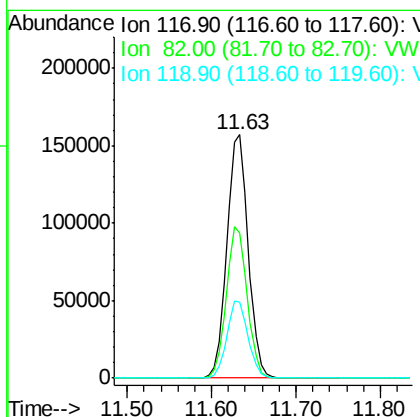
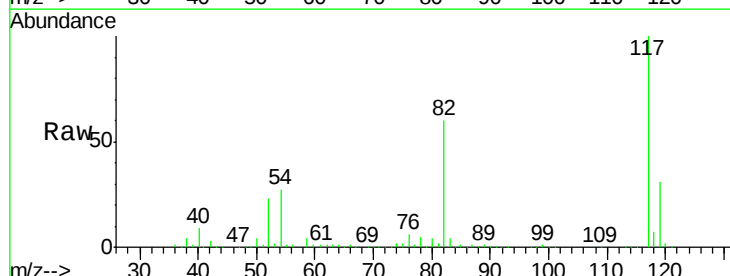
Instrument :
MSVOA_W
ClientSampleId :
OR-03-082219

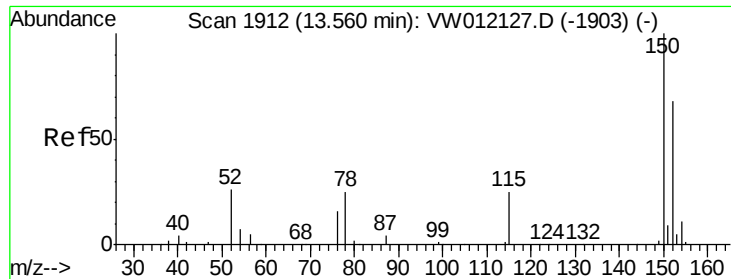
Tot Ion: 95 Resp: 120589
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.8
176 73.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012178.D
Acq: 26 Aug 2019 18:40

Tgt Ion: 117 Resp: 271381
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.4 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: VW012178.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_W

ClientSampleId :

OR-03-082219

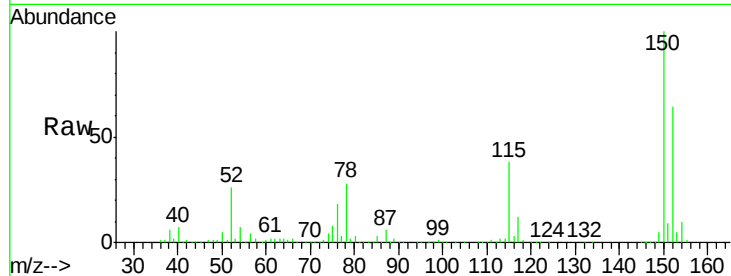
Tot Ion:152 Resp: 94131

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

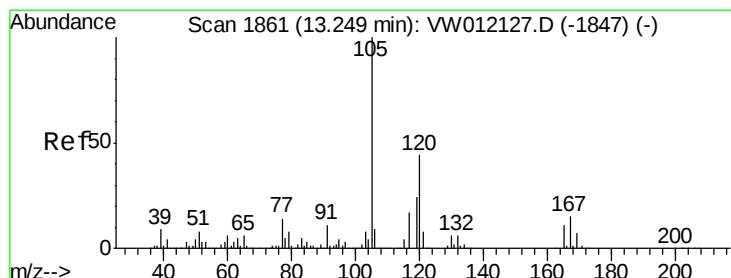
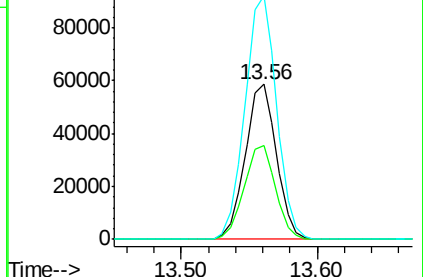
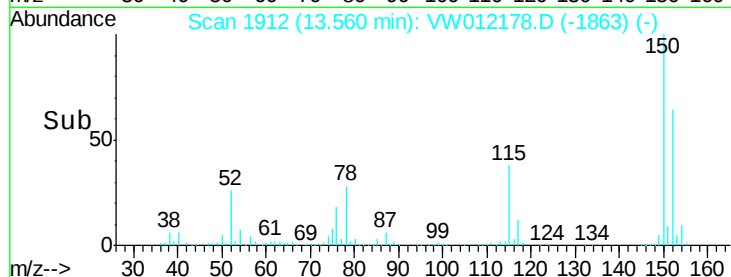
150 159.4 0.0 345.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.357 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012178.D

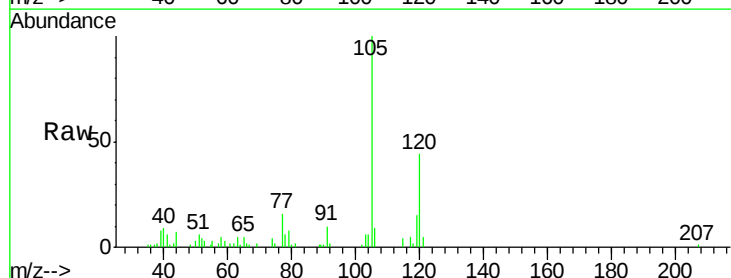
Acq: 26 Aug 2019 18:40

Tgt Ion:105 Resp: 8037

Ion Ratio Lower Upper

105 100

120 44.9 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

