

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011447.D
 Acq On : 23 Jul 2019 22:41
 Operator : SY/VA
 Sample : K3840-02
 Misc : 4.63G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-005-A

Quant Time: Jul 24 07:05:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

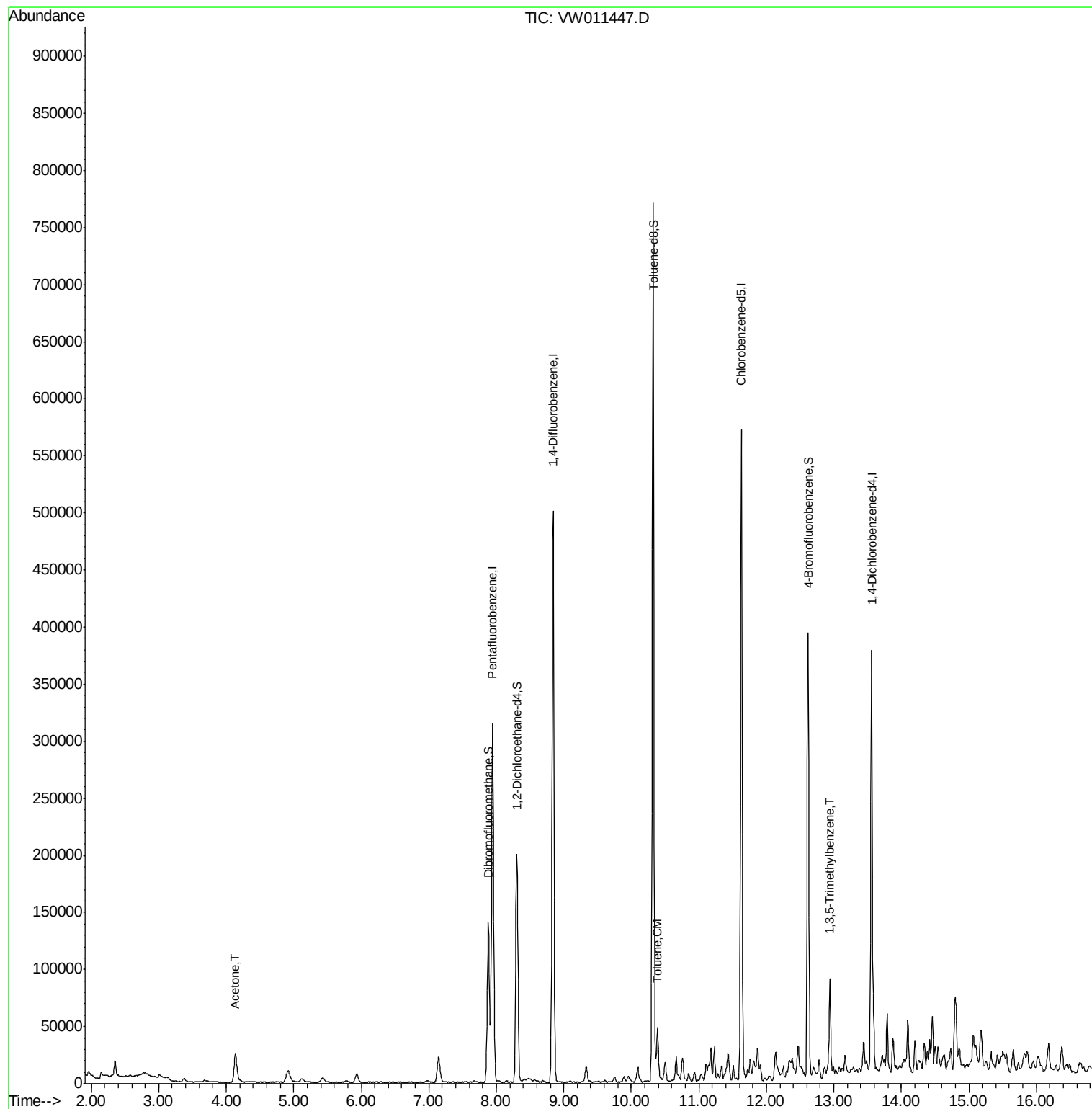
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	156728	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	7.88	113	99795	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.34%	
50) Toluene-d8	10.32	98	462571	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.62	95	129029	37.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.46%	
Target Compounds						
16) Acetone	4.14	43	51523	74.681	ug/l	99
52) Toluene	10.39	92	16742	2.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	34085	5.893	ug/l	97

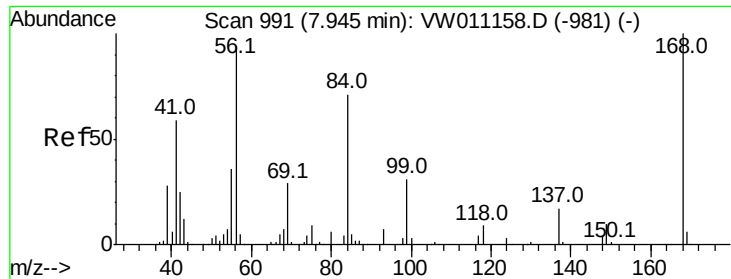
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011447.D

Acq: 23 Jul 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

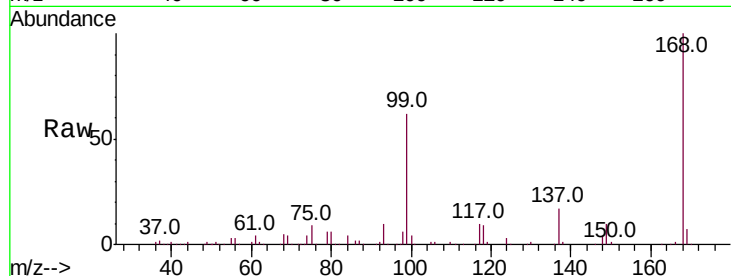
FK-SF-02-005-A

Tot Ion:168 Resp: 228190

Ion Ratio Lower Upper

168 100

99 61.7 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

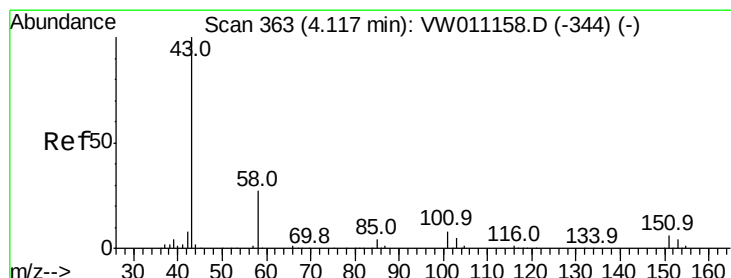
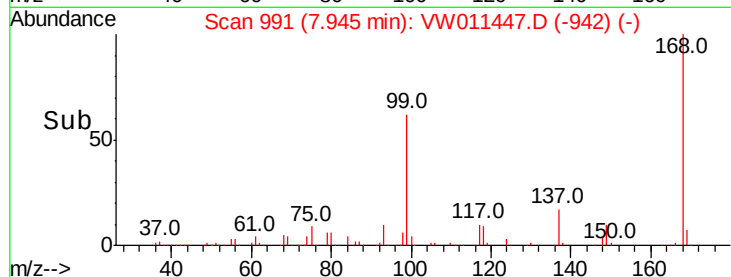
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 74.681 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011447.D

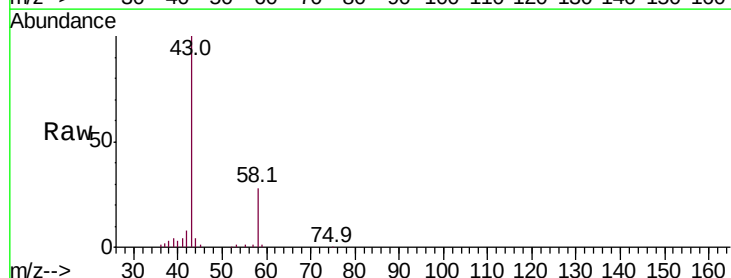
Acq: 23 Jul 2019 22:41

Tgt Ion: 43 Resp: 51523

Ion Ratio Lower Upper

43 100

58 27.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

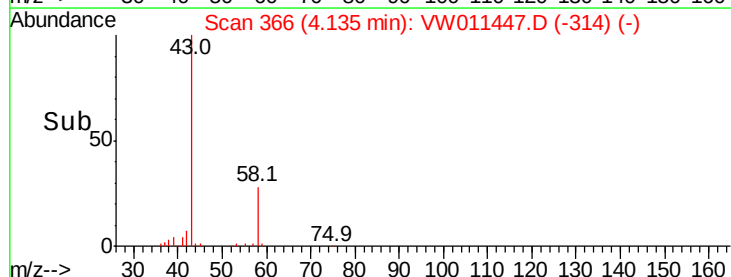
15000

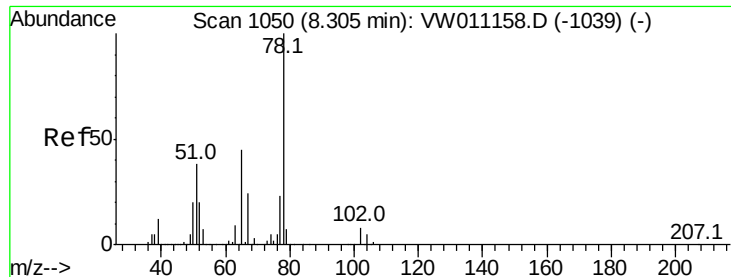
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

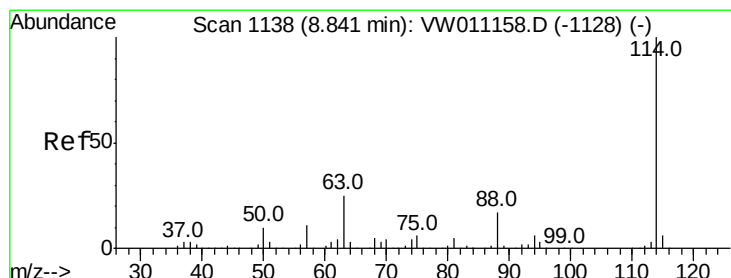
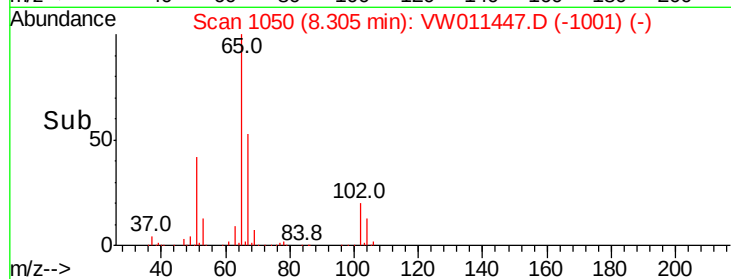
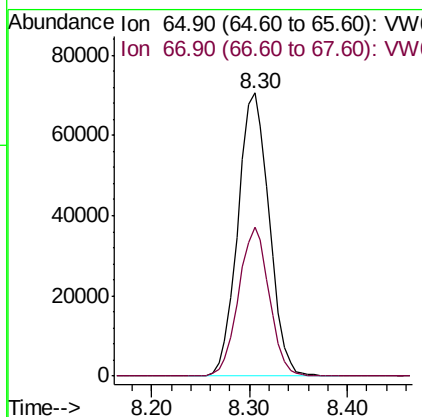
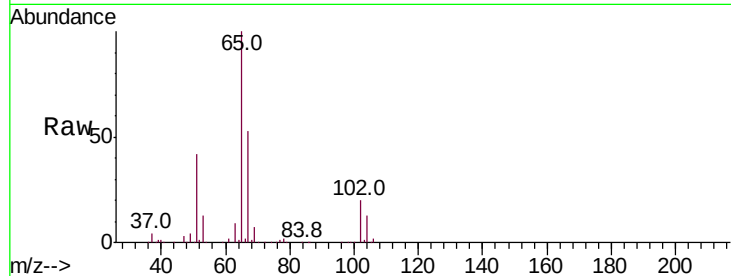




#33
 1,2-Dichloroethane-d4
 Concen: 54.661 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011447.D
 Acq: 23 Jul 2019 22:41

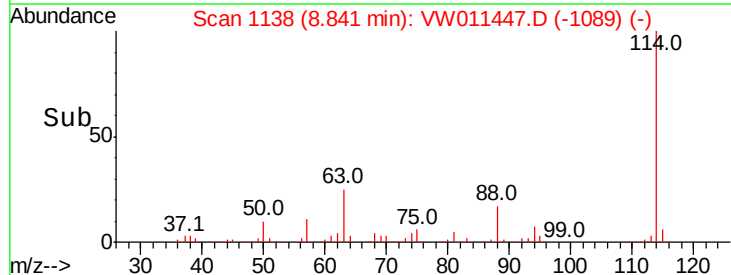
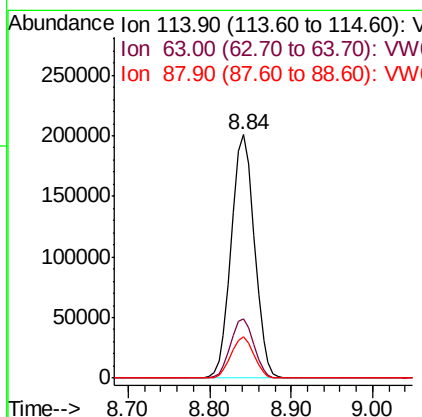
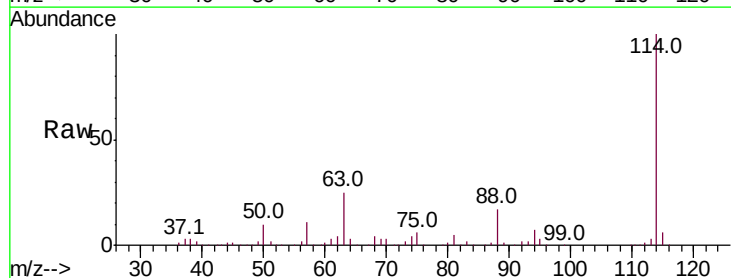
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-005-A

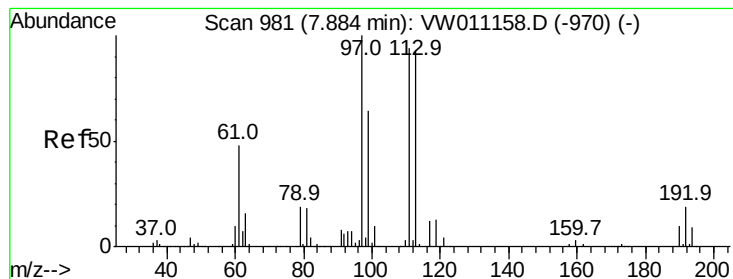
Tot Ion: 65 Resp: 156728
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011447.D
 Acq: 23 Jul 2019 22:41

Tgt Ion: 114 Resp: 392403
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.8
 88 16.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 42.668 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011447.D

Acq: 23 Jul 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-005-A

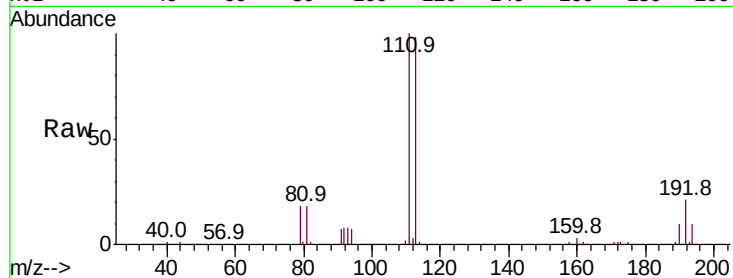
Tot Ion:113 Resp: 99795

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

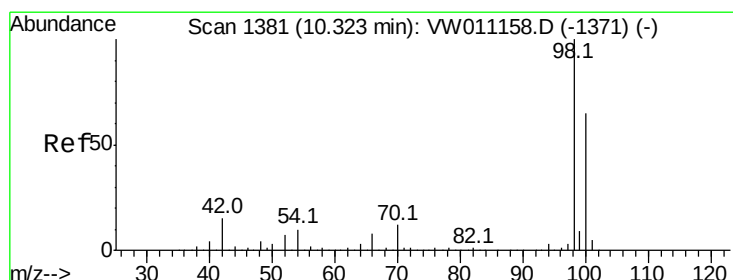
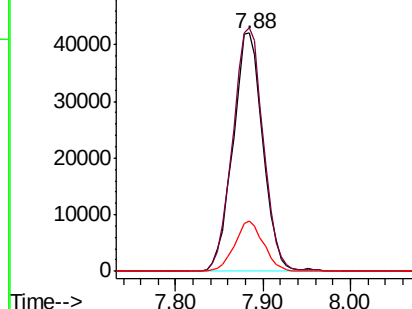
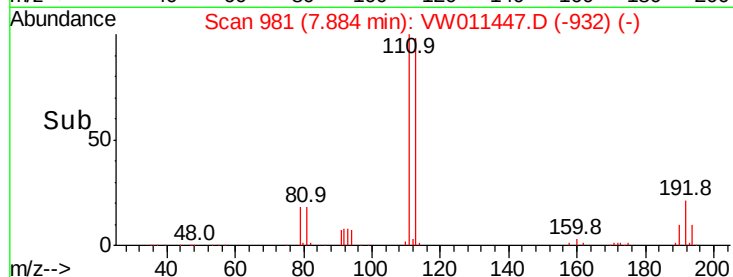
192 20.5 15.8 23.8



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: 48.928 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011447.D

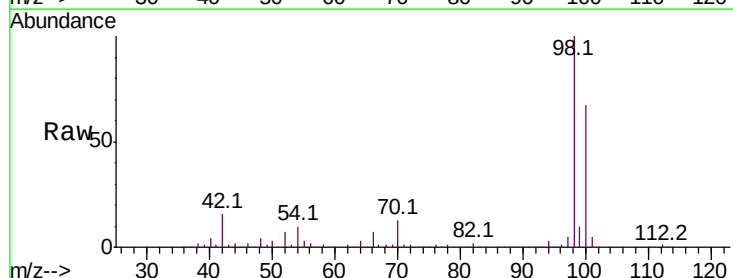
Acq: 23 Jul 2019 22:41

Tgt Ion: 98 Resp: 462571

Ion Ratio Lower Upper

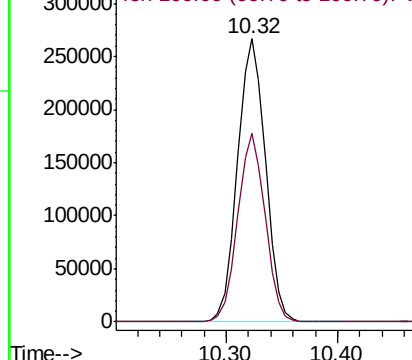
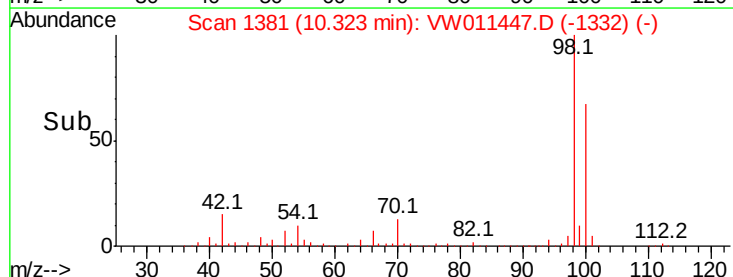
98 100

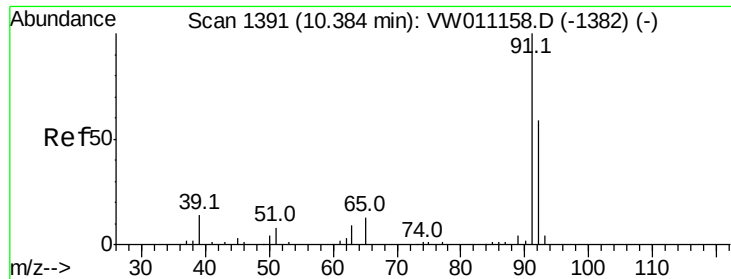
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.390 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011447.D

Acq: 23 Jul 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

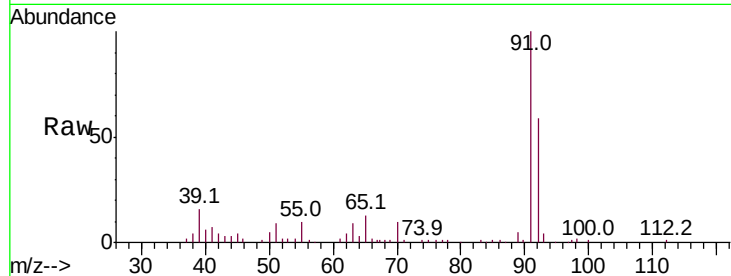
FK-SF-02-005-A

Tot Ion: 92 Resp: 16742

Ion Ratio Lower Upper

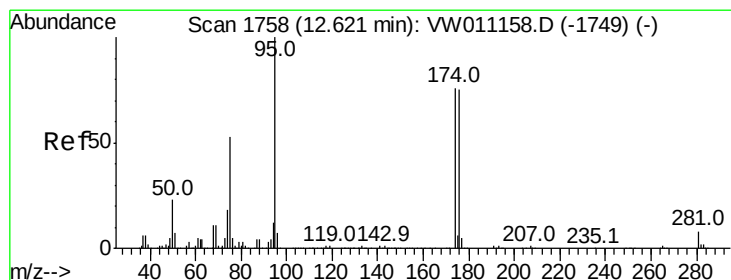
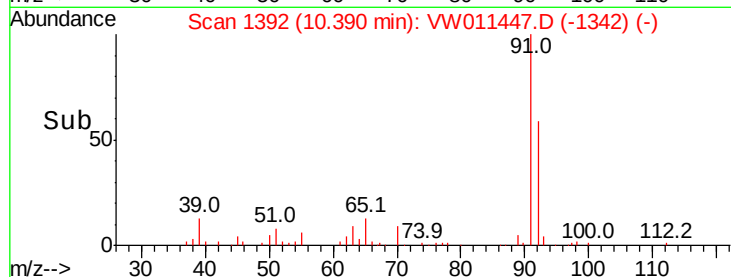
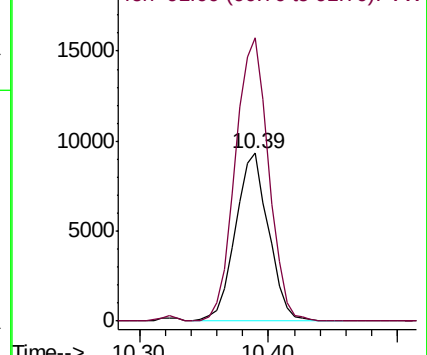
92 100

91 169.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 37.235 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011447.D

Acq: 23 Jul 2019 22:41

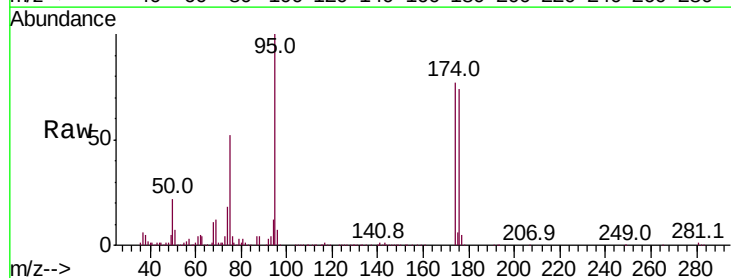
Tgt Ion: 95 Resp: 129029

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.6

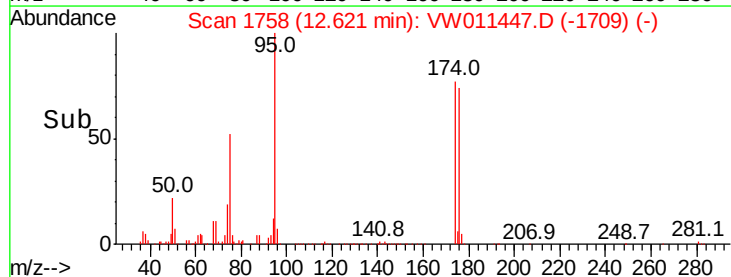
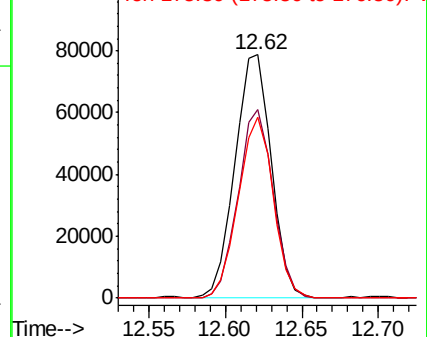
176 72.1 0.0 144.6

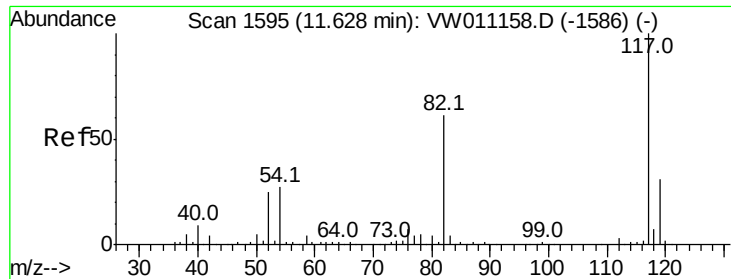


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

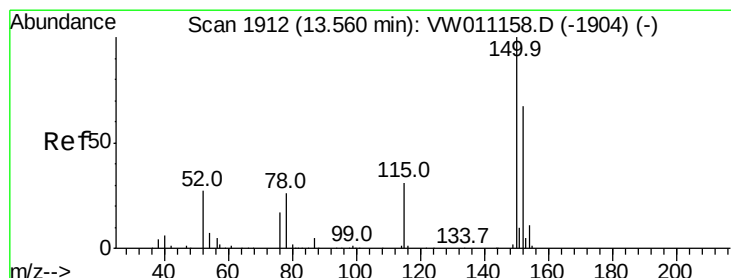
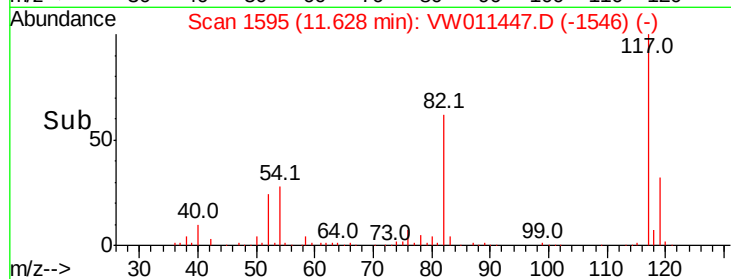
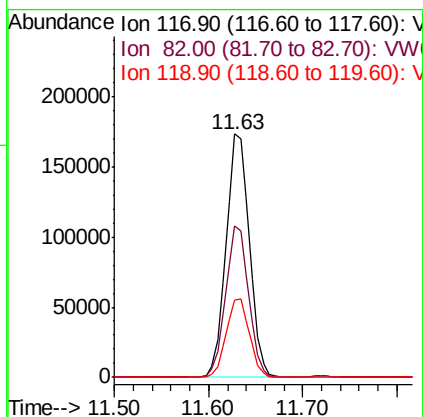
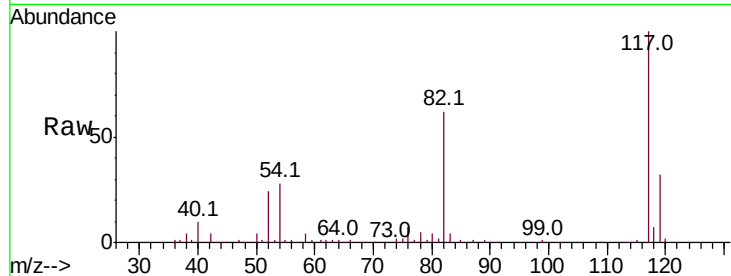




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011447.D
Acq: 23 Jul 2019 22:41

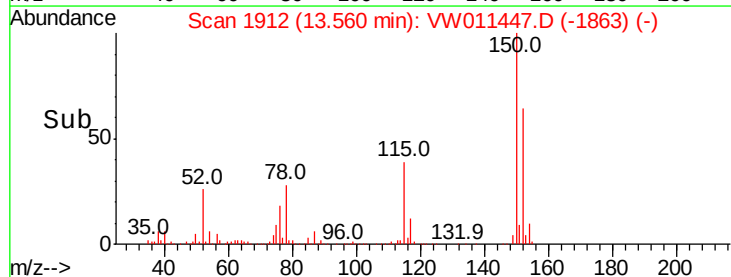
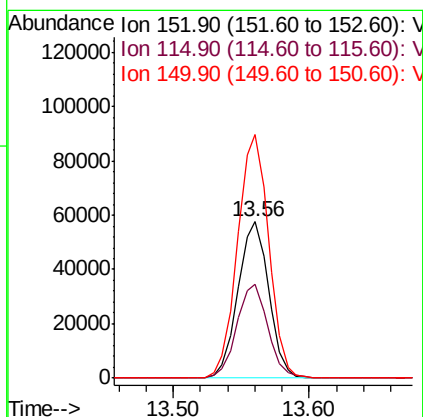
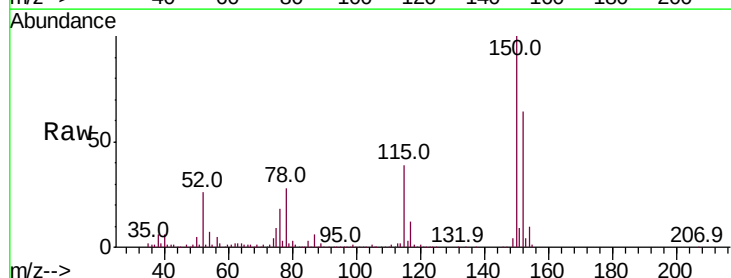
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-005-A

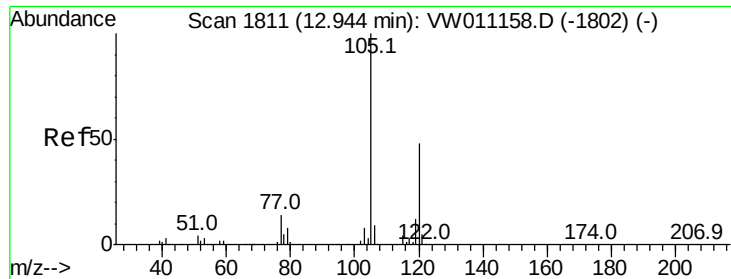
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.3	48.9	73.3
119	31.9	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011447.D
Acq: 23 Jul 2019 22:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.1	90.3
150	157.7	0.0	346.0





#80
 1,3,5-Trimethylbenzene
 Concen: 5.893 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011447.D
 Acq: 23 Jul 2019 22:41

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-005-A

Tot Ion:105 Resp: 34085
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.1 72.2

