

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012233.D
 Acq On : 28 Aug 2019 04:33
 Operator : SY/VA
 Sample : K4092-07
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-082619

Quant Time: Aug 28 07:32:30 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

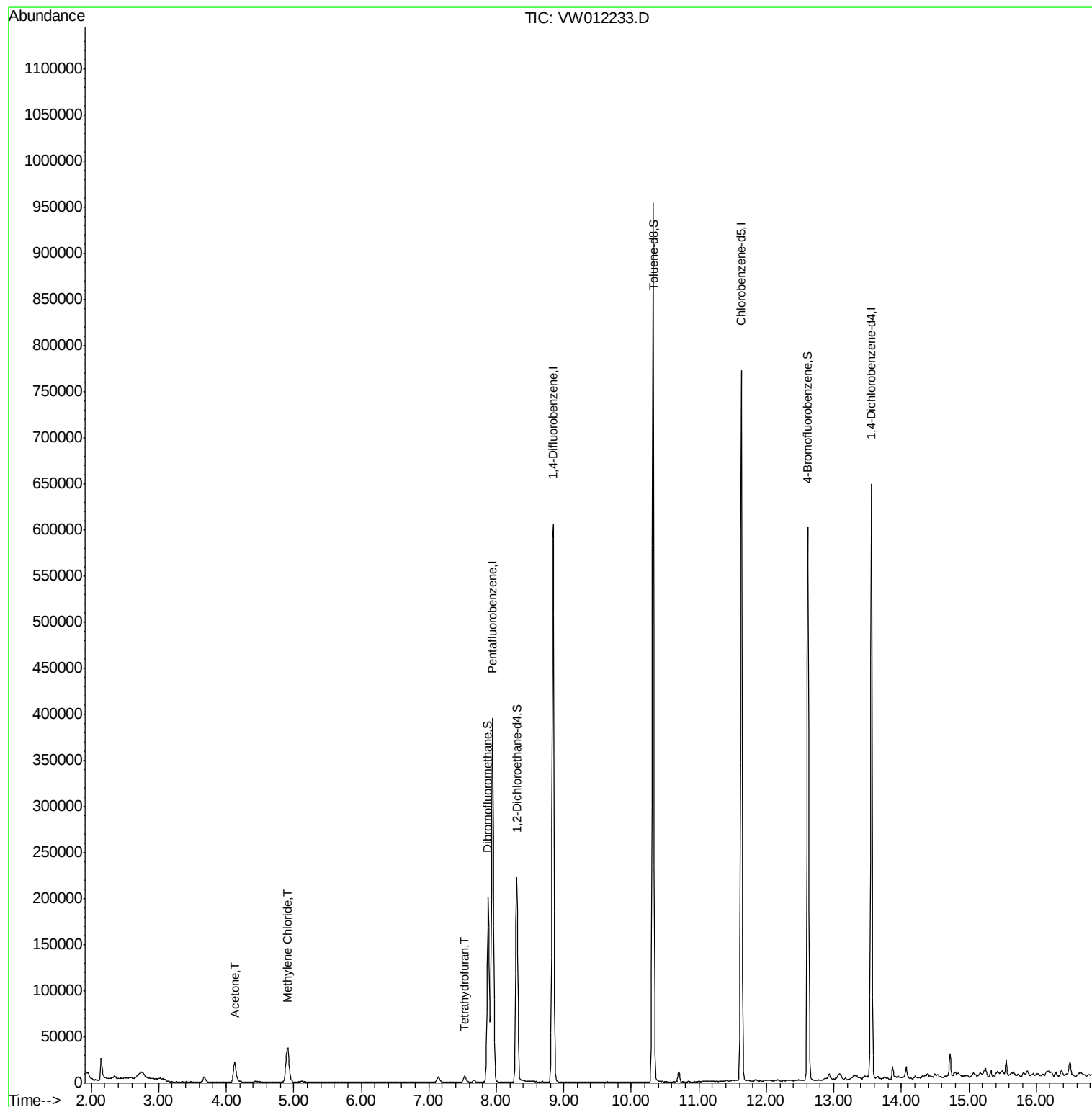
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	177560	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	143038	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.32	98	592219	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	192506	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
16) Acetone	4.12	43	43170	48.328	ug/l	99
20) Methylene Chloride	4.91	84	27236	8.065	ug/l	93
29) Tetrahydrofuran	7.54	42	5878	8.071	ug/l #	93

(#) = 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: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

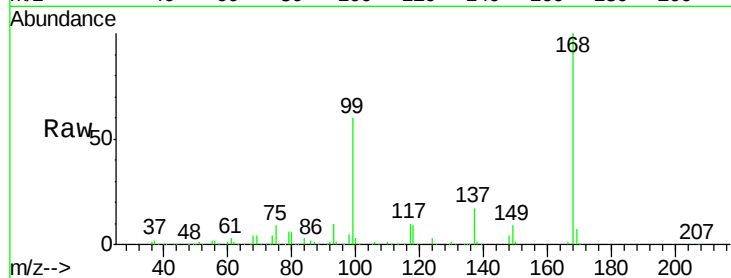
EO-02-082619

Tot Ion:168 Resp: 293962

Ion Ratio Lower Upper

168 100

99 59.8 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

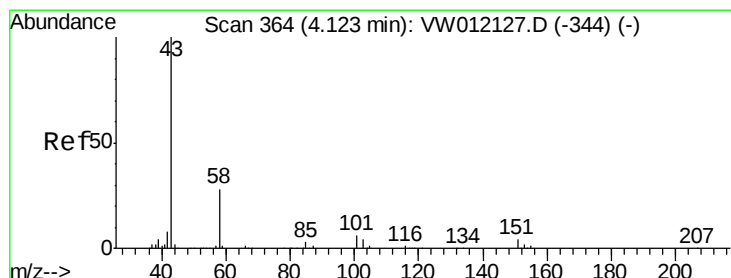
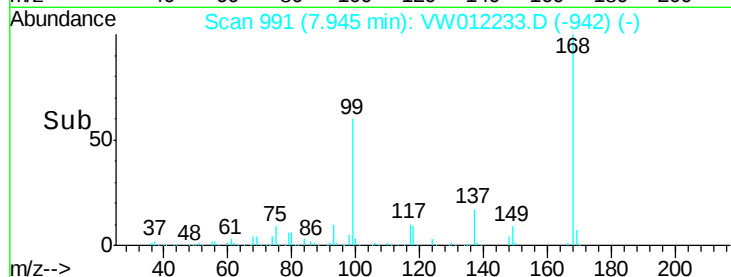
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 48.328 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012233.D

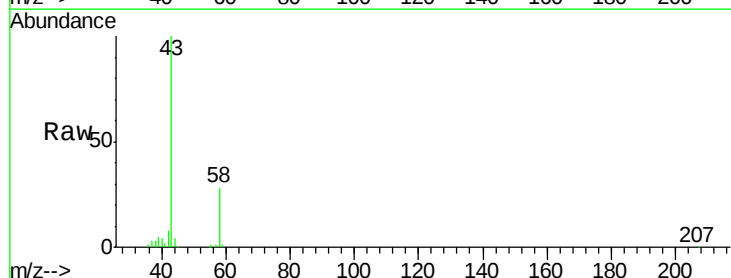
Acq: 28 Aug 2019 04:33

Tgt Ion: 43 Resp: 43170

Ion Ratio Lower Upper

43 100

58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

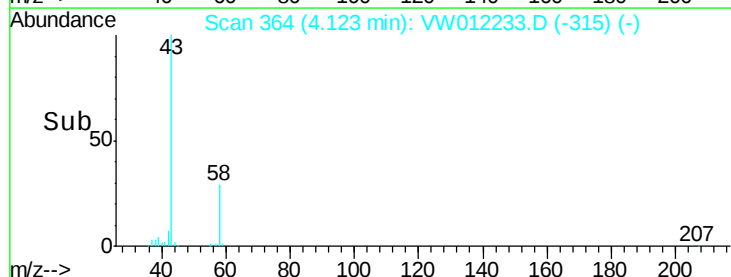
15000

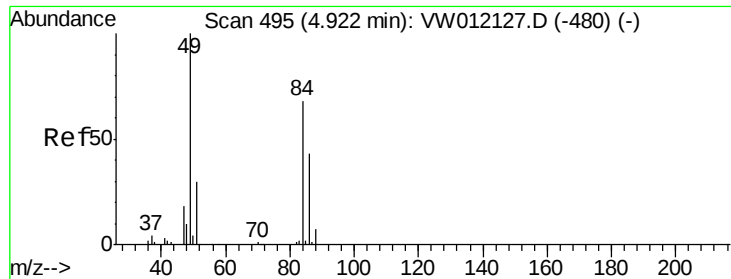
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

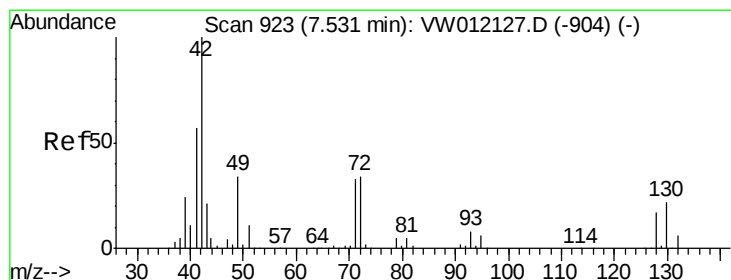
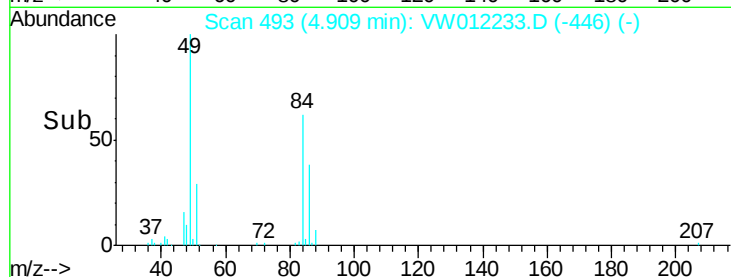
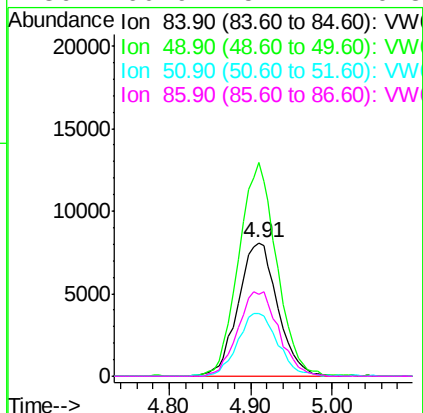
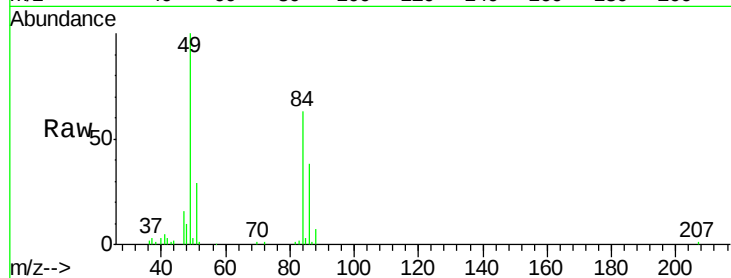




#20
Methylene Chloride
Concen: 8.065 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

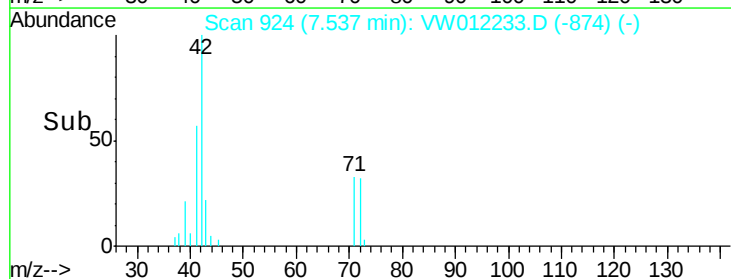
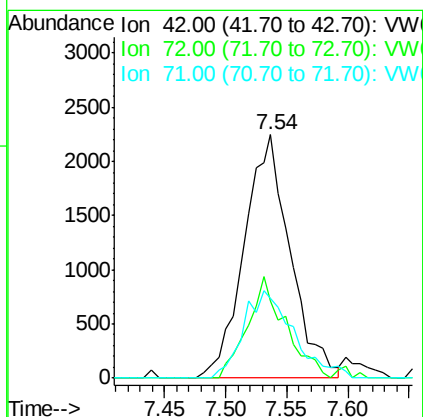
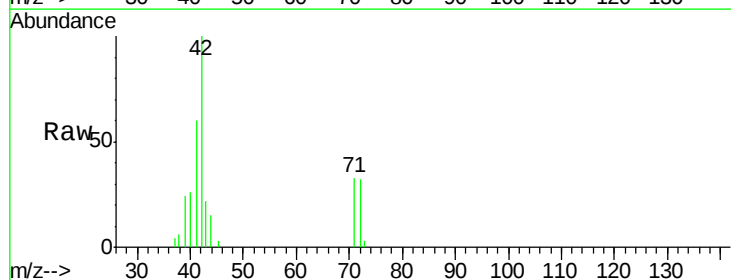
Instrument :
MSVOA_W
ClientSampled :
EO-02-082619

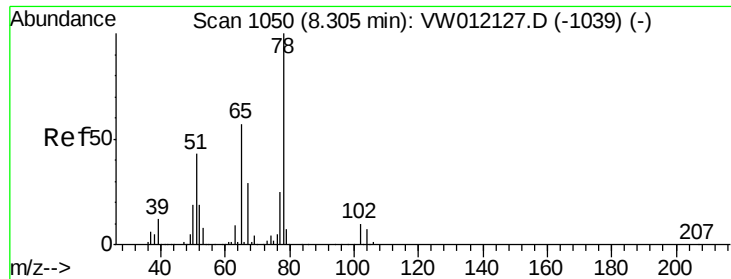
Tot Ion:	84	Resp:	27236
Ion	Ratio	Lower	Upper
84	100		
49	159.7	117.8	176.8
51	46.6	35.6	53.4
86	60.9	51.2	76.8



#29
Tetrahydrofuran
Concen: 8.071 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

Tgt Ion:	42	Resp:	5878
Ion	Ratio	Lower	Upper
42	100		
72	34.6	27.3	40.9
71	39.1	25.5	38.3#

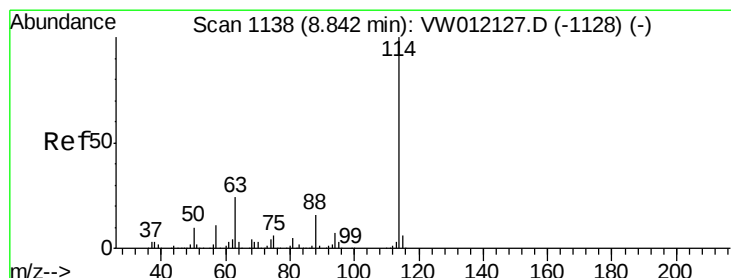
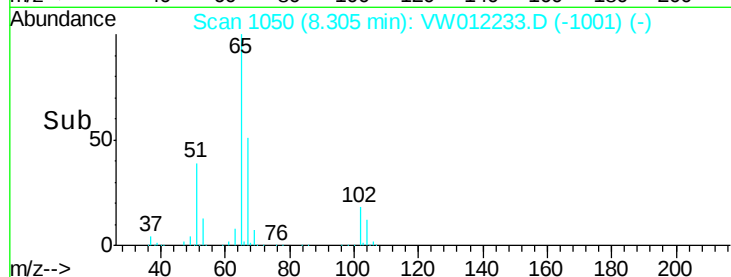
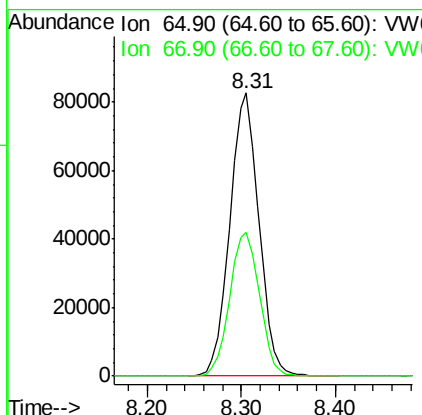
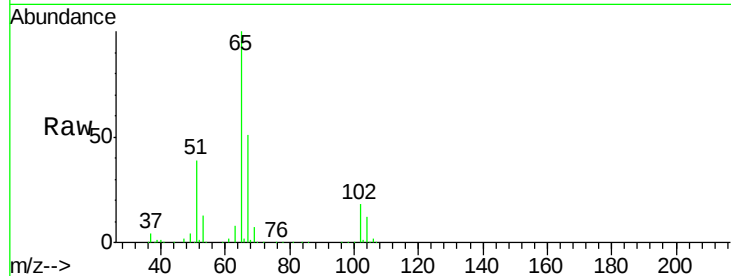




#33
 1,2-Dichloroethane-d4
 Concen: 50.811 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012233.D
 Acq: 28 Aug 2019 04:33

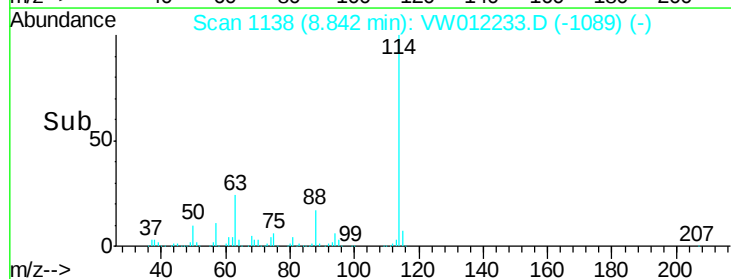
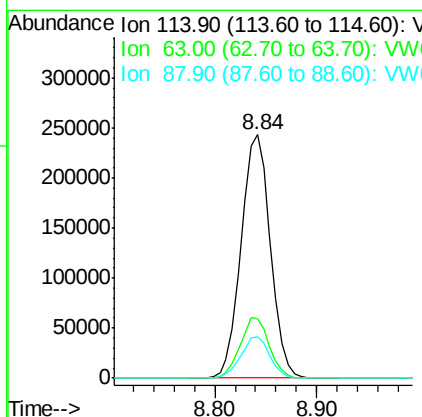
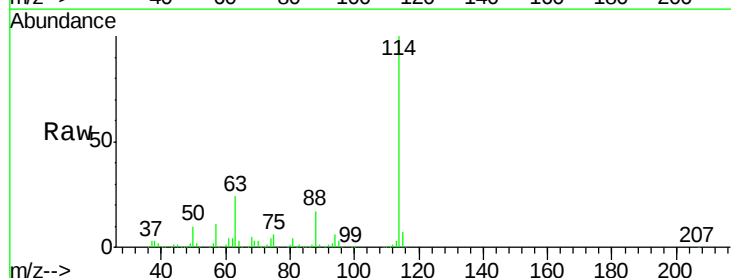
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-082619

Tot Ion: 65 Resp: 177560
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VW012233.D
 Acq: 28 Aug 2019 04:33

Tgt Ion: 114 Resp: 483294
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.583 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

EO-02-082619

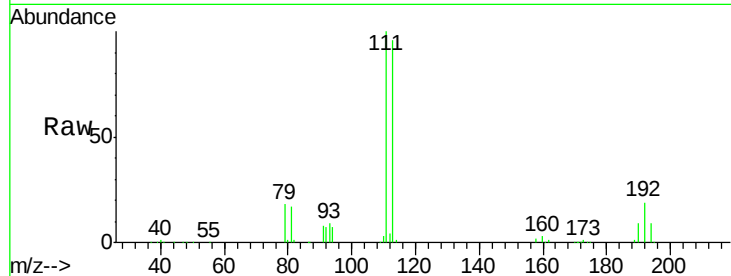
Tot Ion:113 Resp: 143038

Ion Ratio Lower Upper

113 100

111 104.4 82.7 124.1

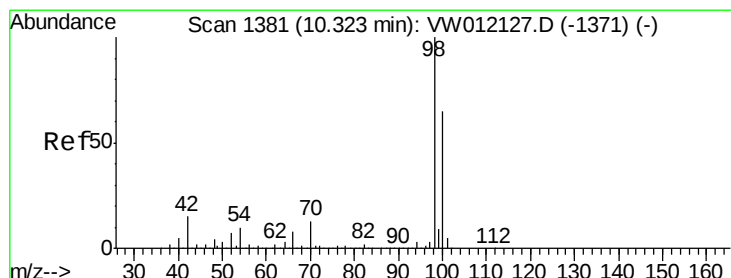
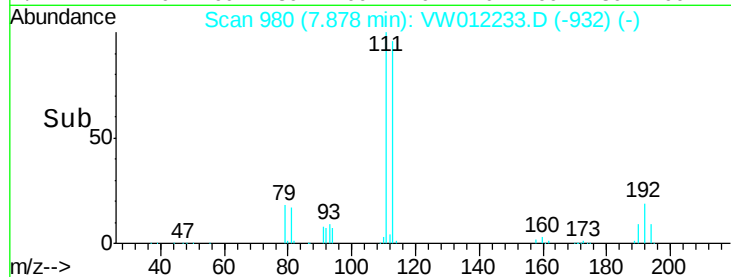
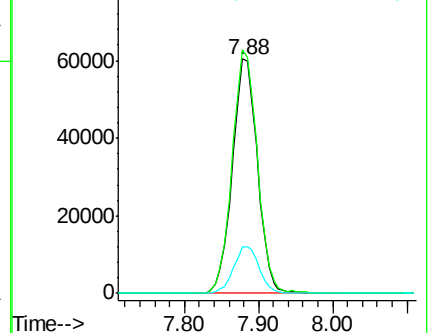
192 20.3 16.2 24.2



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: 50.630 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012233.D

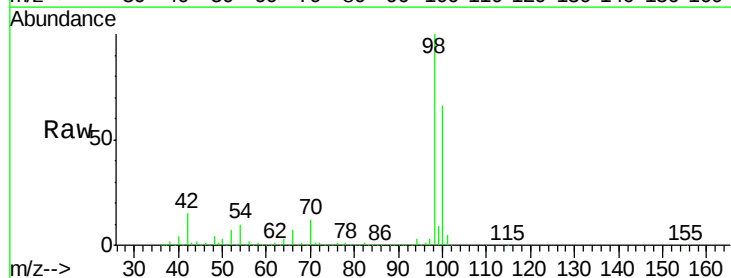
Acq: 28 Aug 2019 04:33

Tgt Ion: 98 Resp: 592219

Ion Ratio Lower Upper

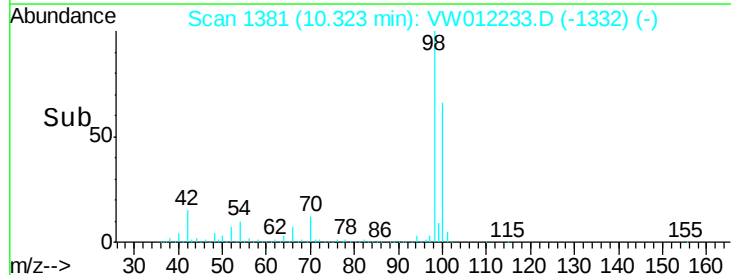
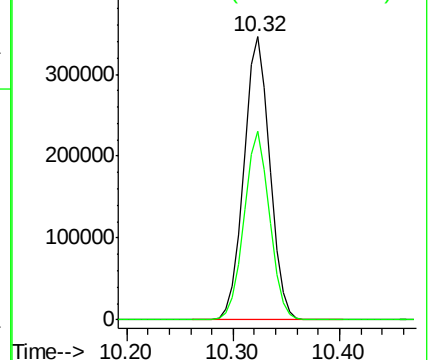
98 100

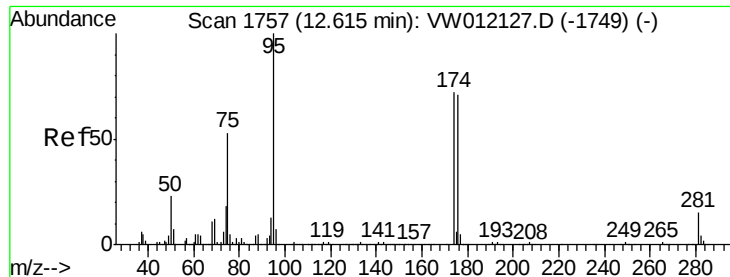
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

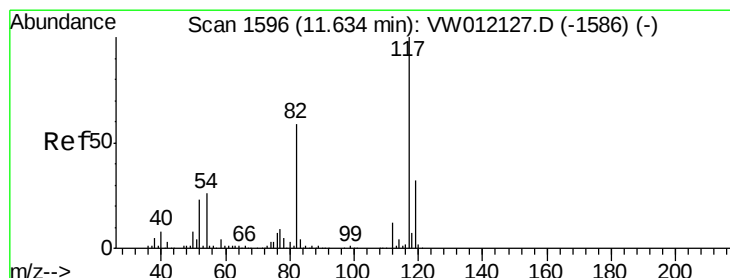
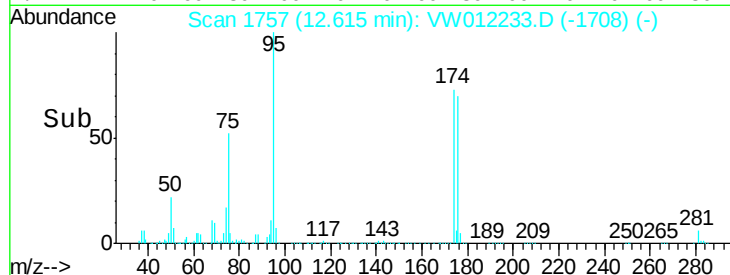
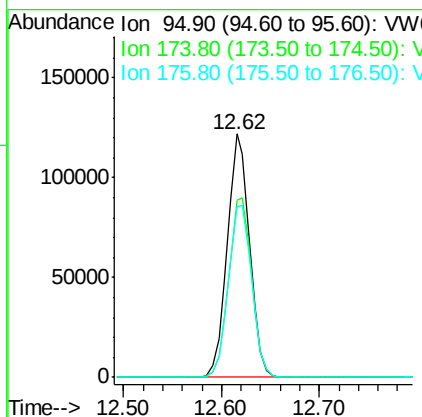
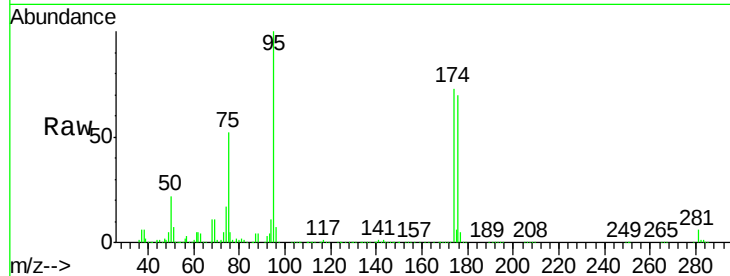




#62
4-Bromofluorobenzene
Concen: 46.689 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

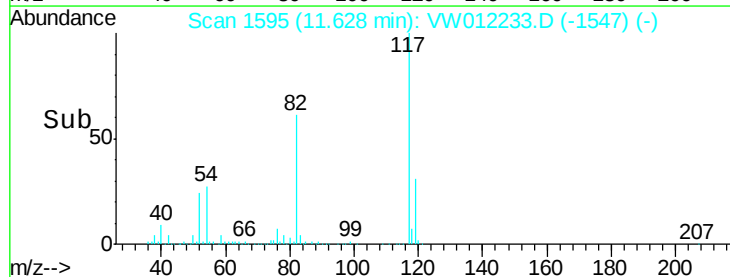
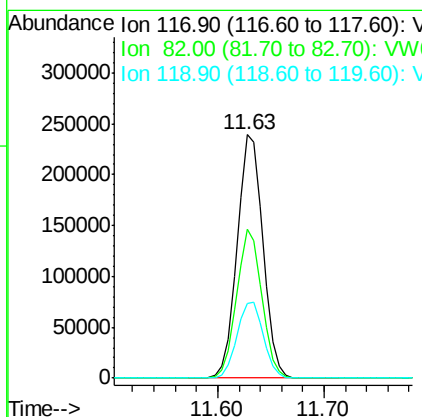
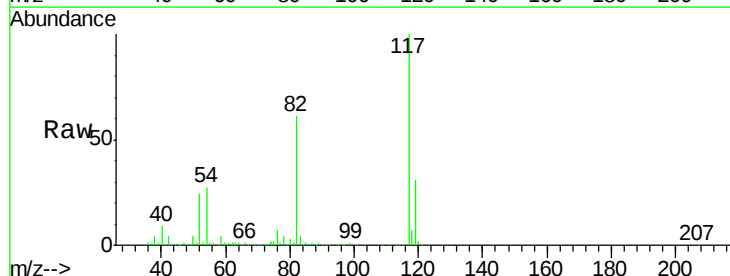
Instrument :
MSVOA_W
ClientSampleId :
EO-02-082619

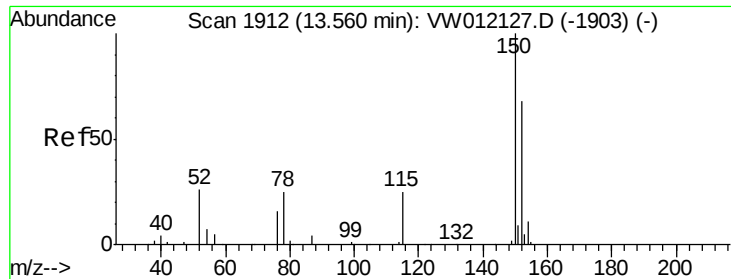
Tot Ion	95	Resp	192506
Ion Ratio	100		
Lower		0.0	150.8
Upper		0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012233.D
Acq: 28 Aug 2019 04:33

Tgt Ion	117	Resp	407527
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		47.4	71.2
Upper		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: VW012233.D

Acq: 28 Aug 2019 04:33

Instrument :

MSVOA_W

ClientSampleId :

EO-02-082619

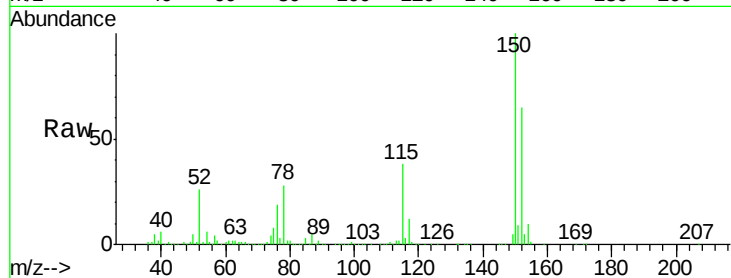
Tot Ion:152 Resp: 165485

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

150 154.8 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

