

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008381.D
 Acq On : 21 Jan 2019 17:53
 Operator : SY/VA
 Sample : K1205-02RE
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-2RE

Quant Time: Jan 22 04:42:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

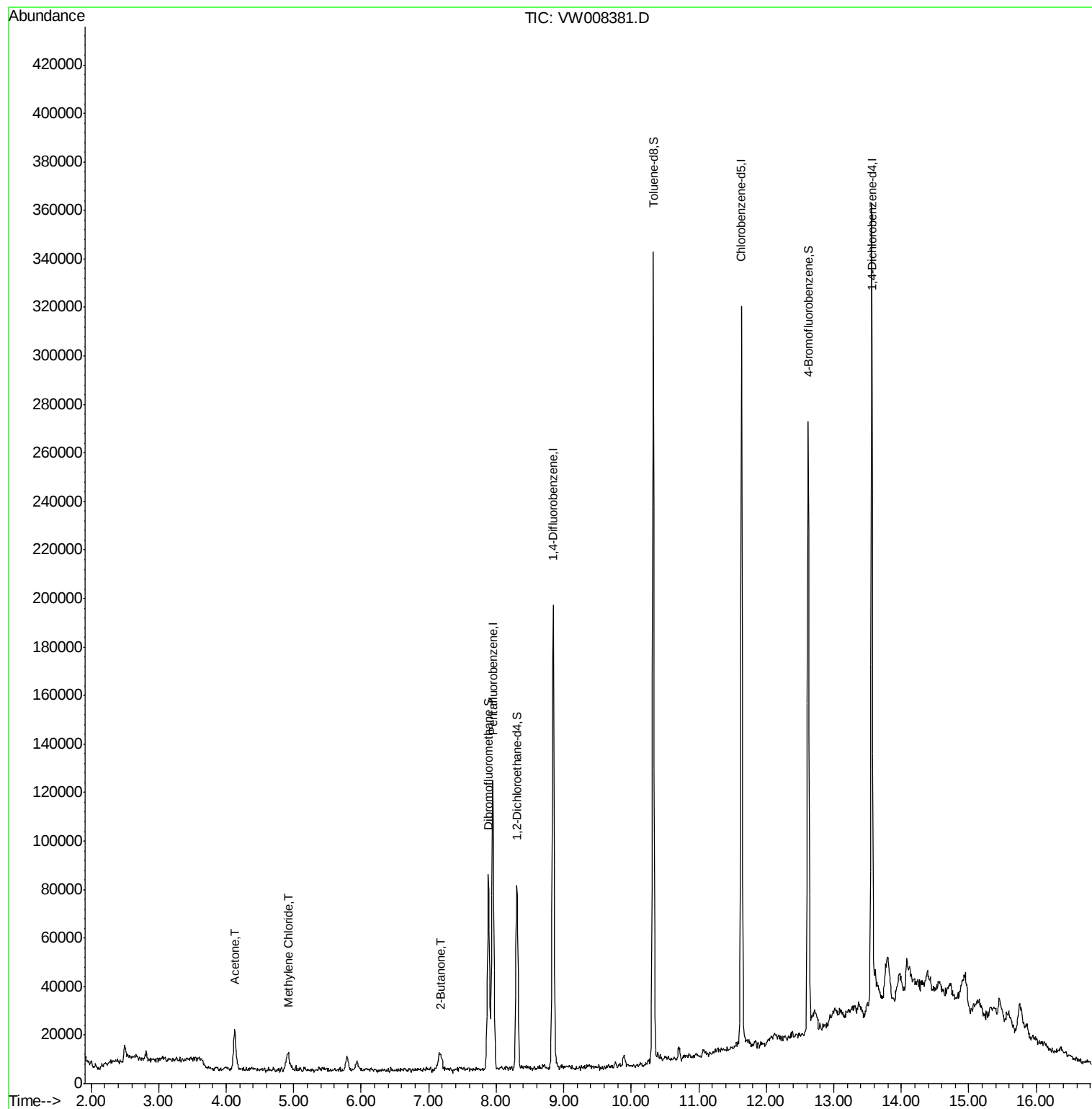
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	161010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57359	65.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.66%	
35) Dibromofluoromethane	7.88	113	53690	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	10.32	98	220204	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.62	95	82486	56.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.92%	
Target Compounds						
16) Acetone	4.12	43	29179	143.103	ug/l	98
20) Methylene Chloride	4.92	84	6393	3.454	ug/l	98
25) 2-Butanone	7.18	43	10303	39.451	ug/l	100

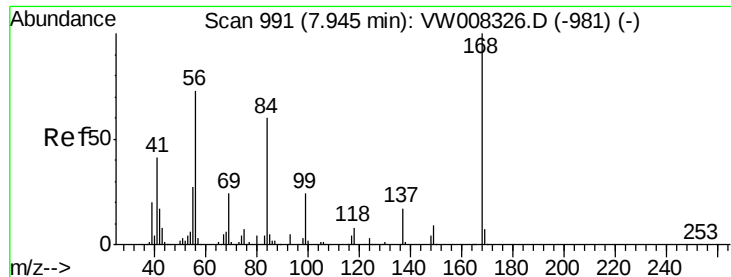
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008381.D

Acq: 21 Jan 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

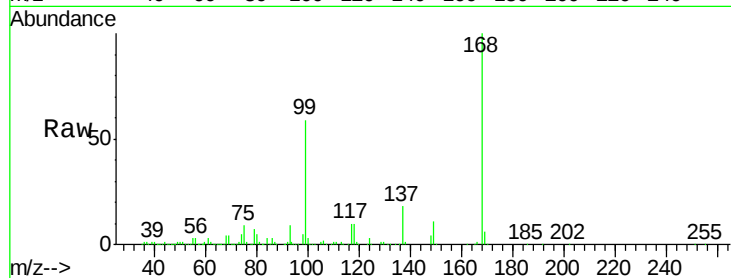
C-2RE

Tot Ion:168 Resp: 84404

Ion Ratio Lower Upper

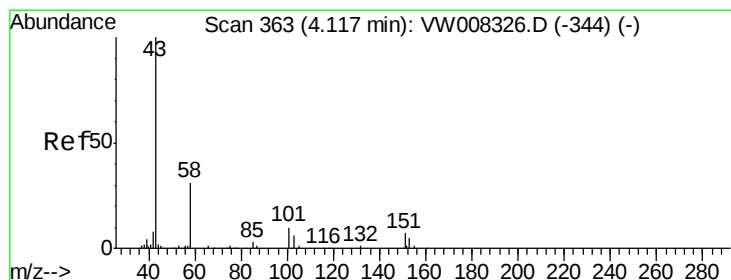
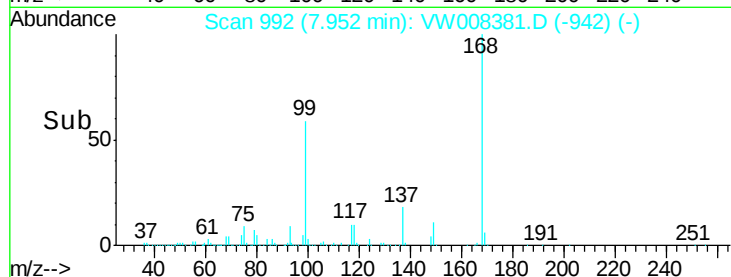
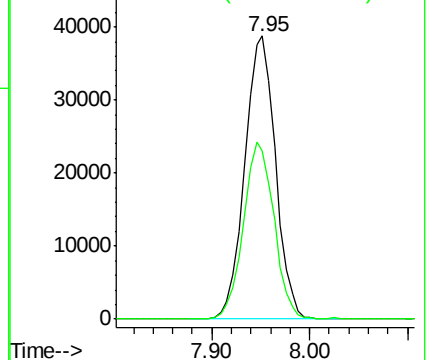
168 100

99 58.9 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 143.103 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008381.D

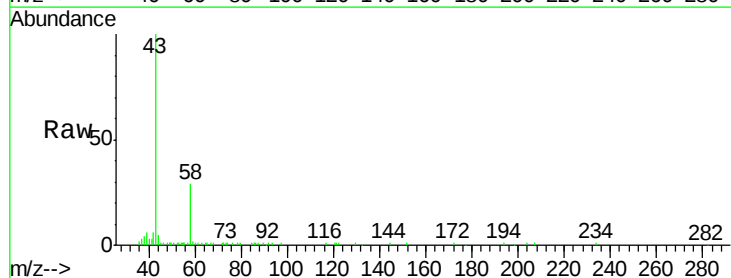
Acq: 21 Jan 2019 17:53

Tgt Ion: 43 Resp: 29179

Ion Ratio Lower Upper

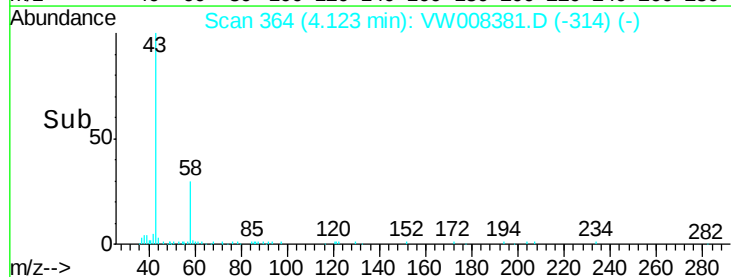
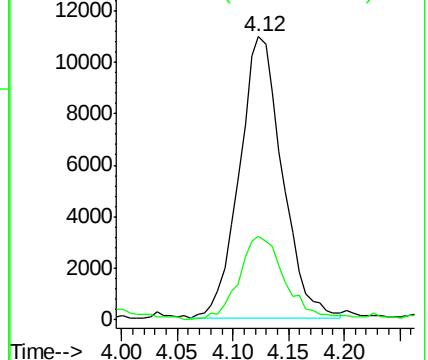
43 100

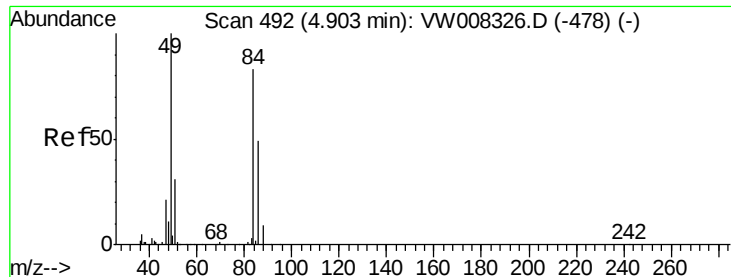
58 29.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.454 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

Lab File: VW008381.D

Acq: 21 Jan 2019 17:53

Instrument :

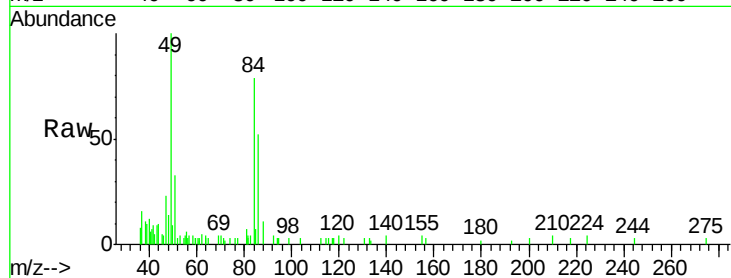
MSVOA_W

ClientSampleId :

C-2RE

Tot Ion: 84 Resp: 6393

Ion	Ratio	Lower	Upper
84	100		
49	121.6	95.9	143.9
51	37.0	29.3	43.9
86	61.7	47.4	71.2

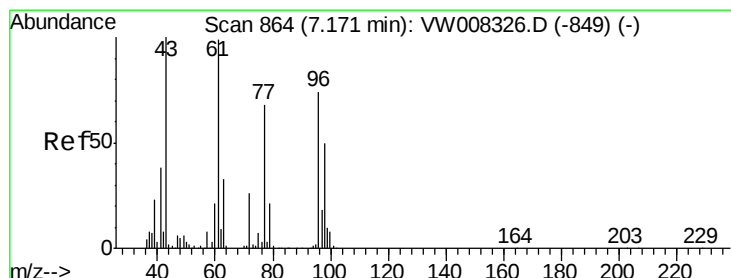
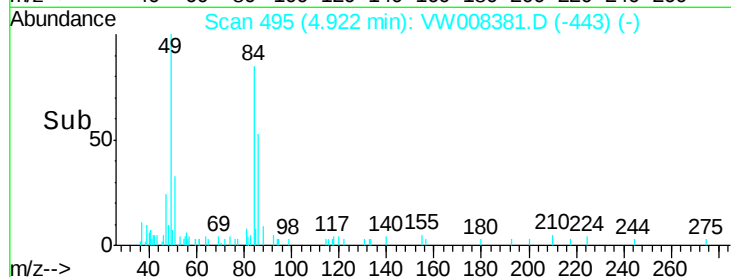


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 39.451 ug/l

RT: 7.18 min Scan# 865

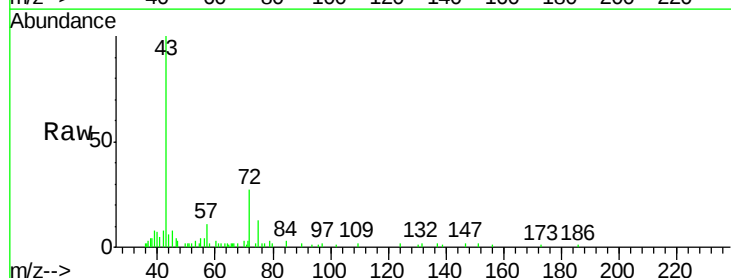
Delta R.T. 0.01 min

Lab File: VW008381.D

Acq: 21 Jan 2019 17:53

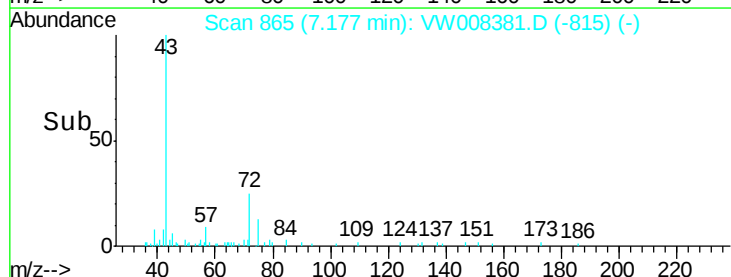
Tgt Ion: 43 Resp: 10303

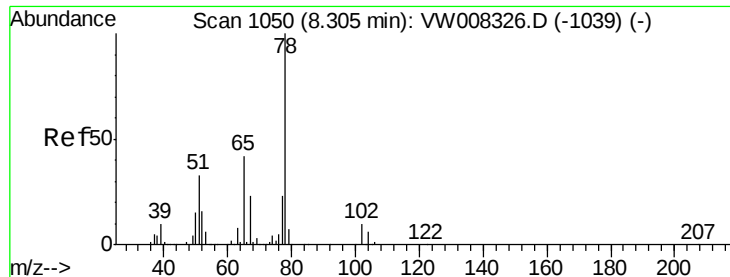
Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.2	31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

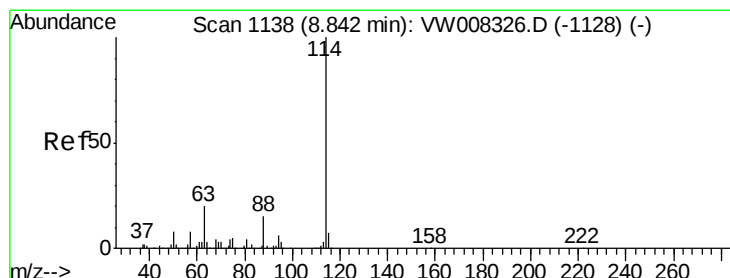
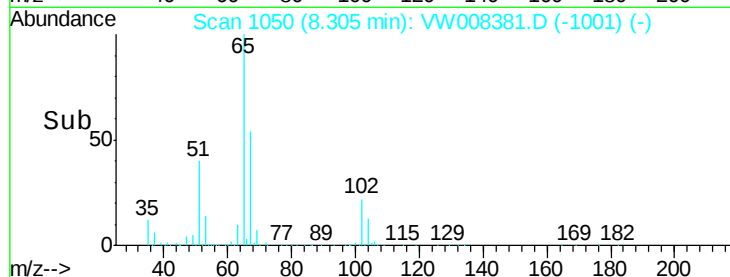
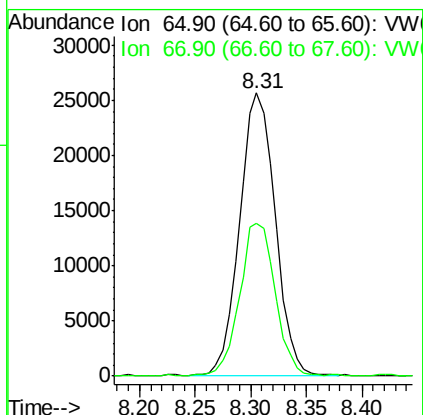
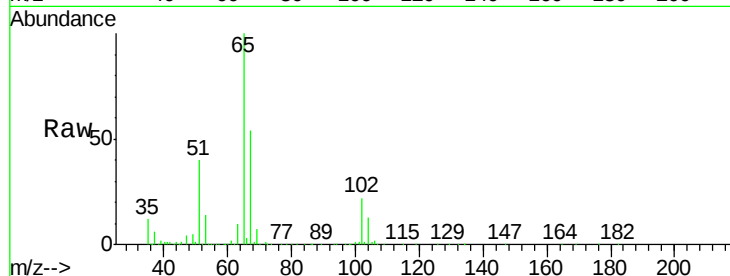




#33
 1,2-Dichloroethane-d4
 Concen: 65.330 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008381.D
 Acq: 21 Jan 2019 17:53

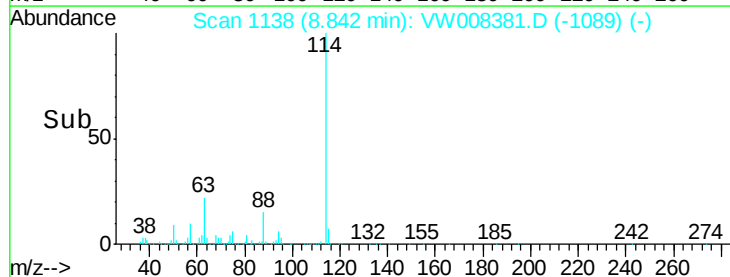
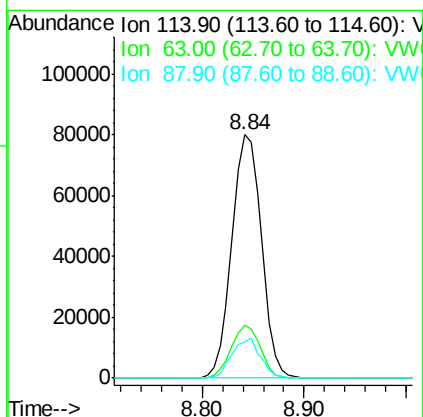
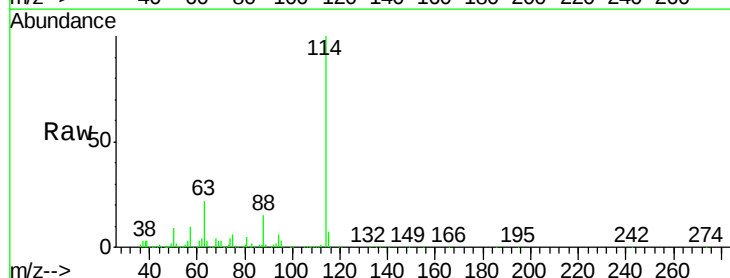
Instrument :
 MSVOA_W
 ClientSampleId :
 C-2RE

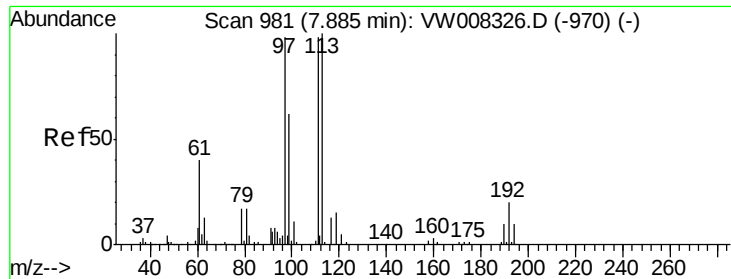
Tot Ion: 65 Resp: 57359
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008381.D
 Acq: 21 Jan 2019 17:53

Tgt Ion: 114 Resp: 161010
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.239 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008381.D

Acq: 21 Jan 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

C-2RE

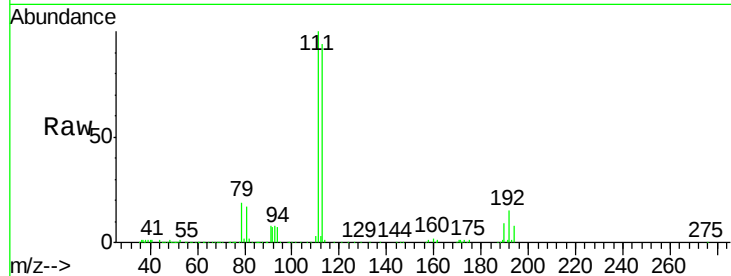
Tot Ion:113 Resp: 53690

Ion Ratio Lower Upper

113 100

111 105.3 81.8 122.8

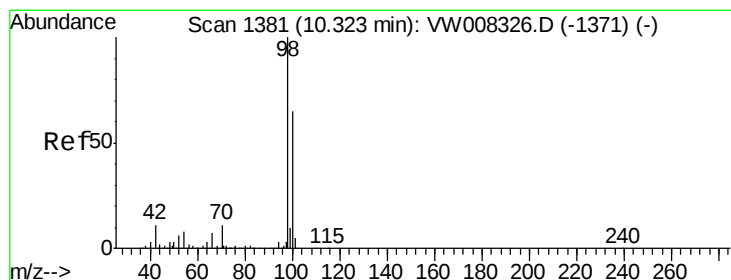
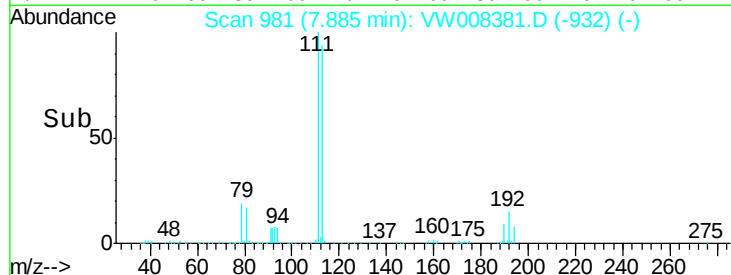
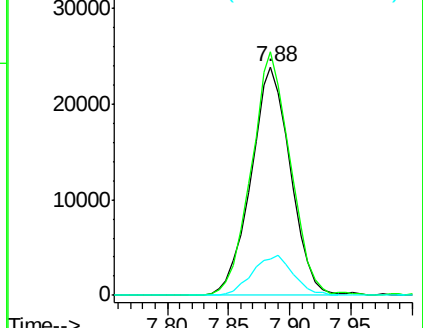
192 18.1 16.3 24.5



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: 54.537 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008381.D

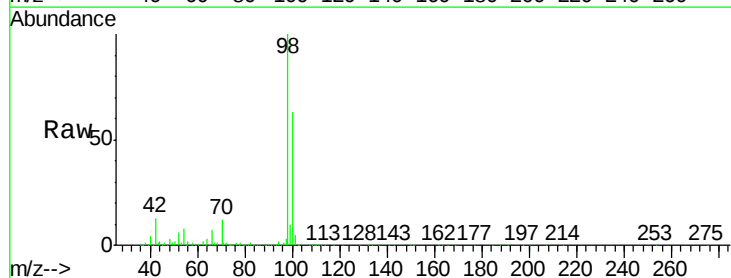
Acq: 21 Jan 2019 17:53

Tgt Ion: 98 Resp: 220204

Ion Ratio Lower Upper

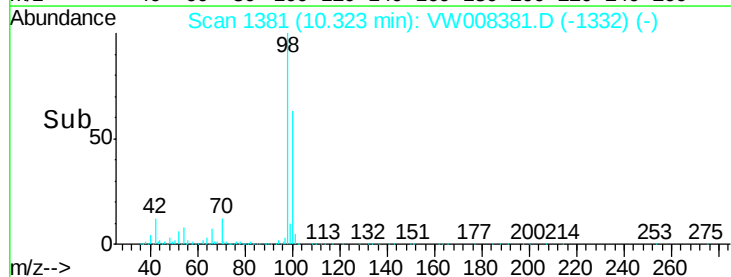
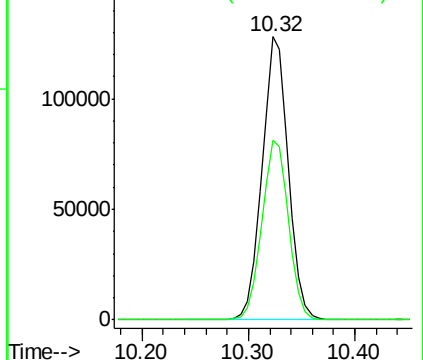
98 100

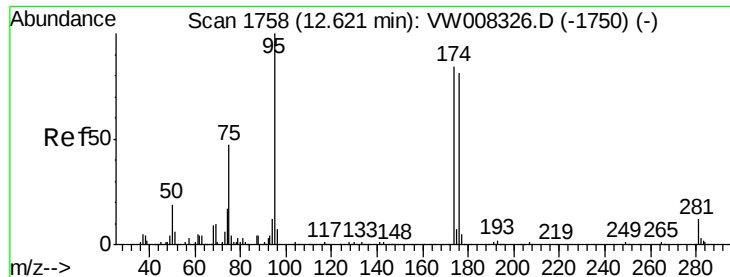
100 64.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

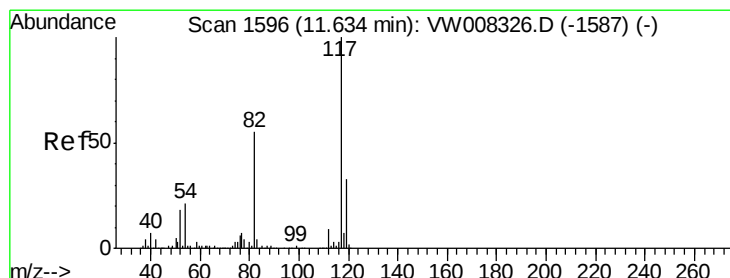
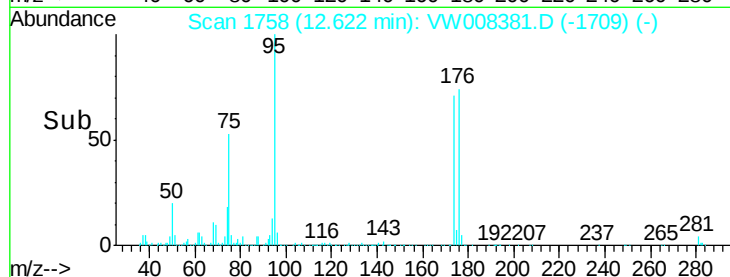
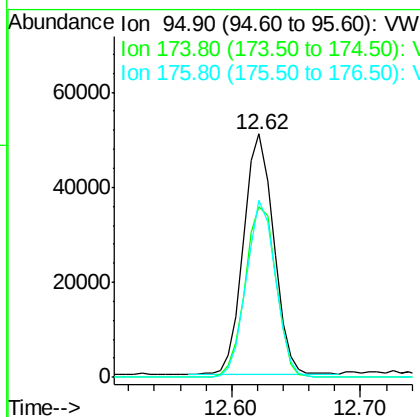
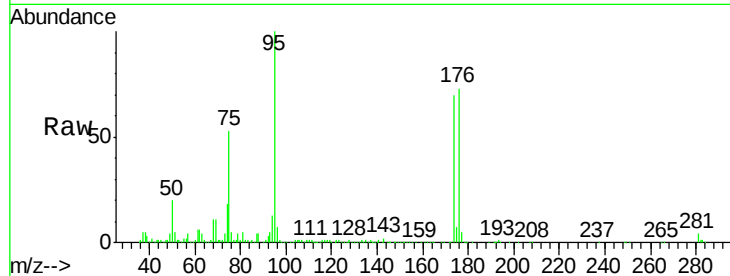




#62
4-Bromofluorobenzene
Concen: 56.961 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008381.D
Acq: 21 Jan 2019 17:53

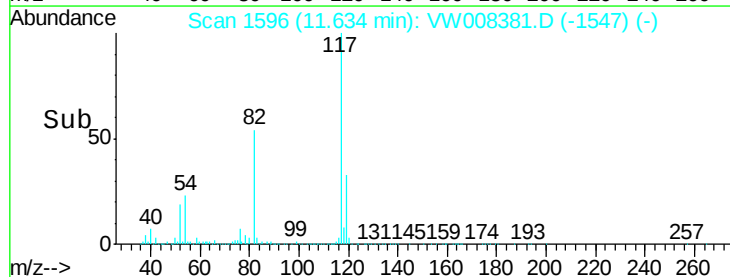
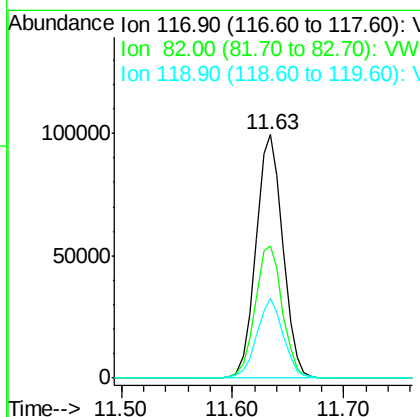
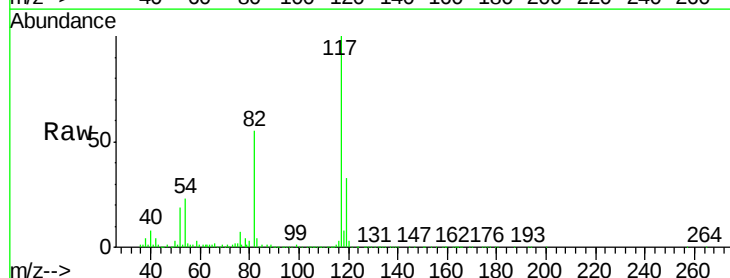
Instrument :
MSVOA_W
ClientSampleId :
C-2RE

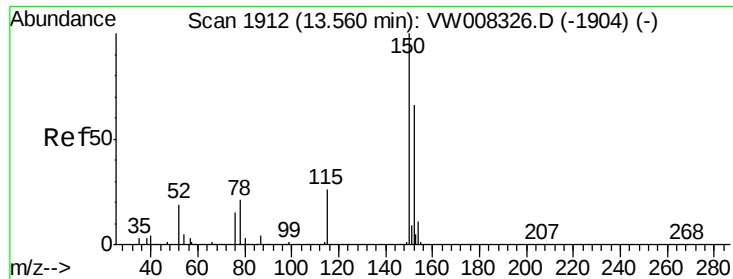
Tot Ion: 95 Resp: 82486
Ion Ratio Lower Upper
95 100
174 72.6 0.0 166.0
176 70.7 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008381.D
Acq: 21 Jan 2019 17:53

Tgt Ion: 117 Resp: 167584
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008381.D

Acq: 21 Jan 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

C-2RE

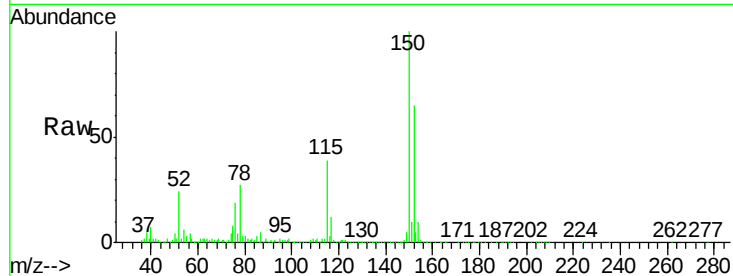
Tot Ion:152 Resp: 83677

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.4

150 154.5 0.0 351.4



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

