

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013278.D
 Acq On : 24 Sep 2019 16:04
 Operator : SY/VA
 Sample : K5008-07RE
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7RE

Quant Time: Sep 25 08:03:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

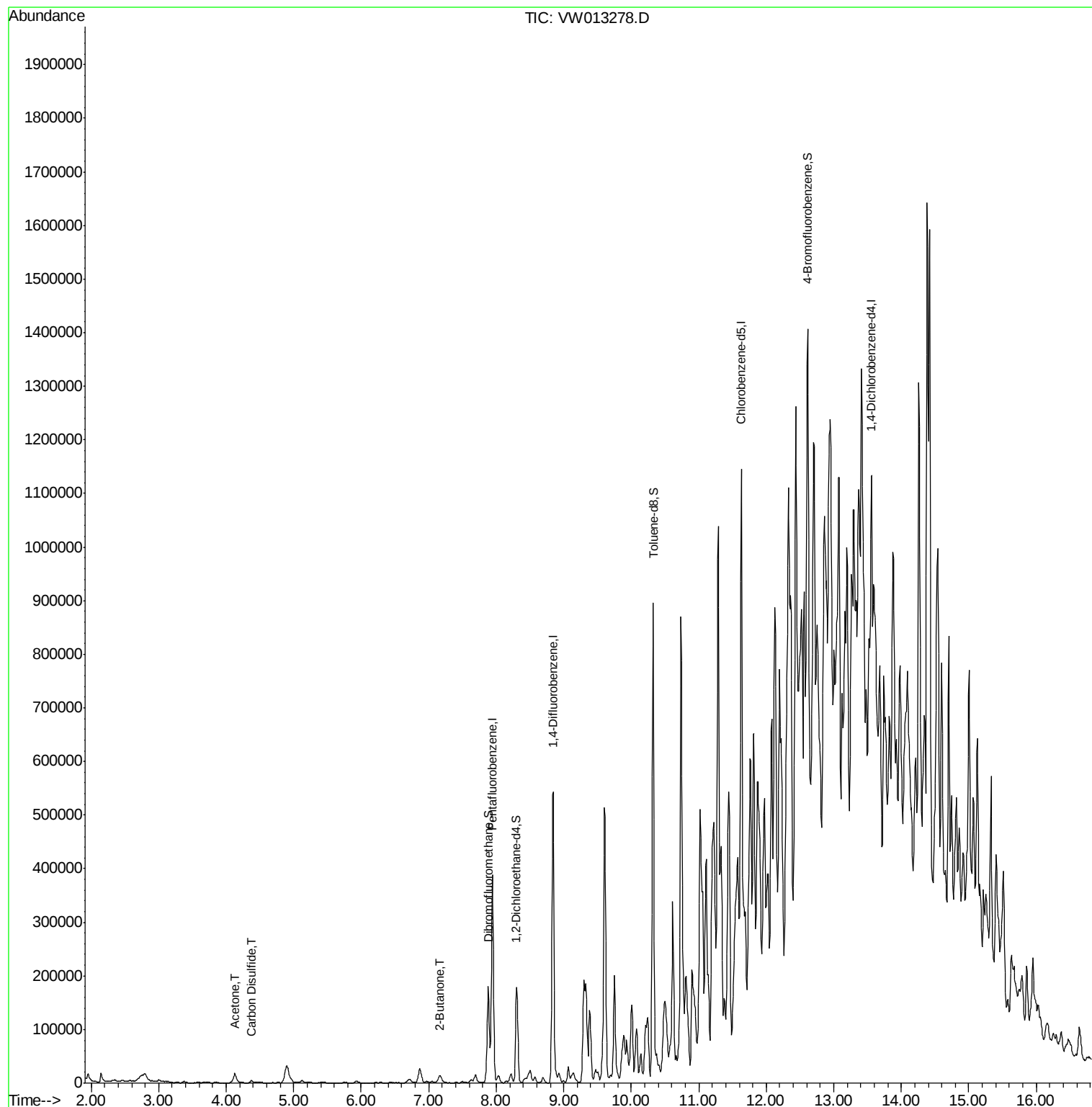
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	321035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	471043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	205980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139075	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.88	113	130525	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.32	98	553375	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	313991	84.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	169.56%	
Target Compounds						
16) Acetone	4.13	43	32592	55.160	ug/l	93
17) Carbon Disulfide	4.37	76	8942	1.037	ug/l #	92
25) 2-Butanone	7.17	43	14485	16.331	ug/l	93

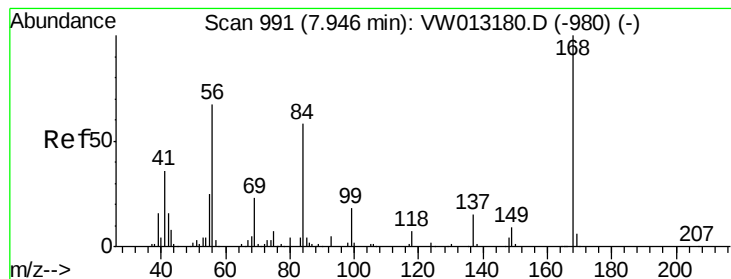
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW013278.D

Acq: 24 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

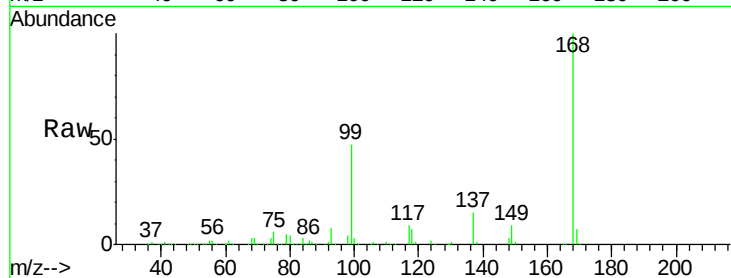
SB-7RE

Tot Ion:168 Resp: 321035

Ion Ratio Lower Upper

168 100

99 46.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

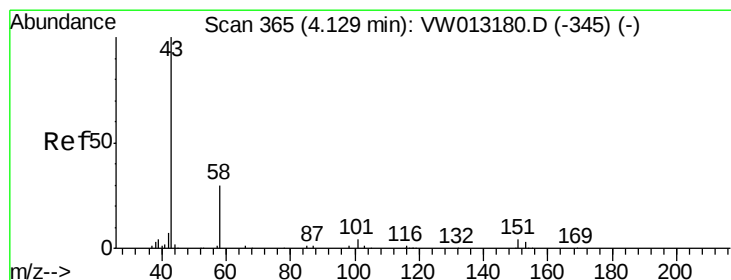
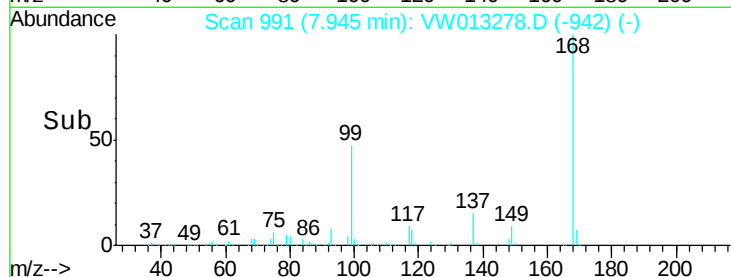
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 55.160 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW013278.D

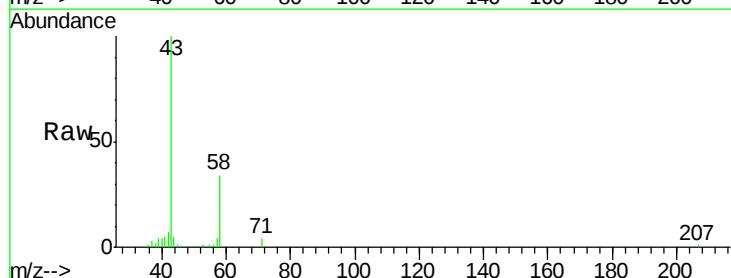
Acq: 24 Sep 2019 16:04

Tgt Ion: 43 Resp: 32592

Ion Ratio Lower Upper

43 100

58 33.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

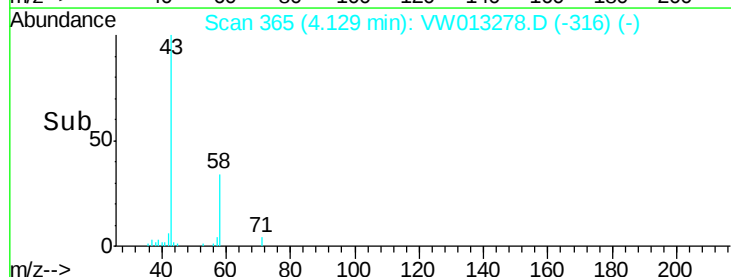
6000

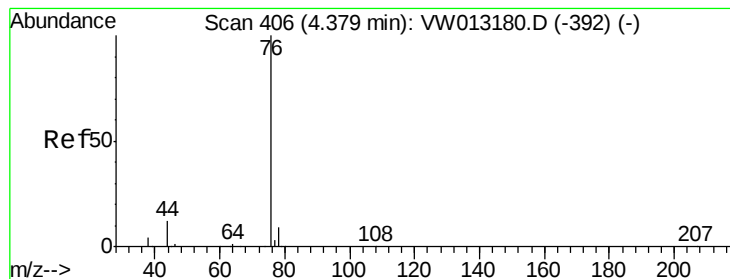
4000

2000

0

Time--> 3.90 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.037 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013278.D

Acq: 24 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

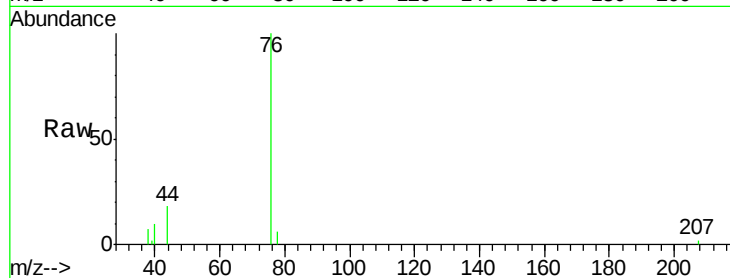
SB-7RE

Tot Ion: 76 Resp: 8942

Ion Ratio Lower Upper

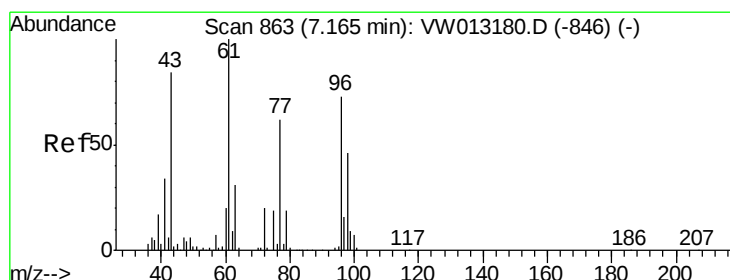
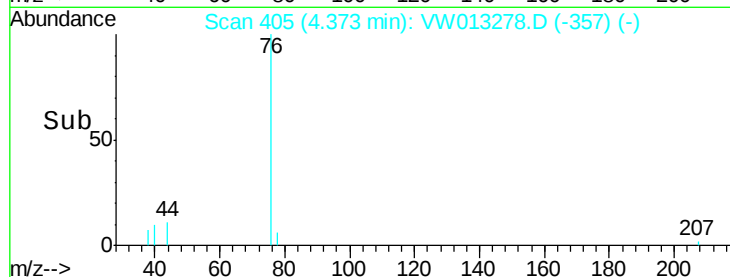
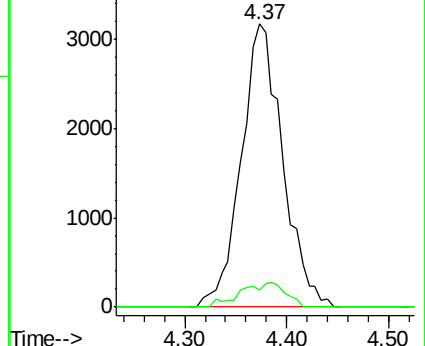
76 100

78 5.9 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 16.331 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013278.D

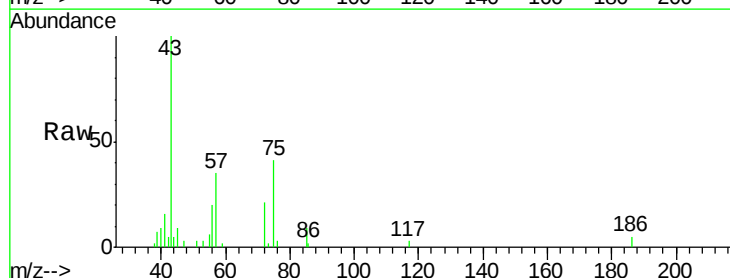
Acq: 24 Sep 2019 16:04

Tgt Ion: 43 Resp: 14485

Ion Ratio Lower Upper

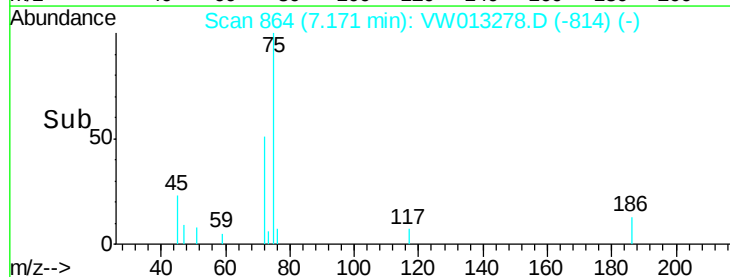
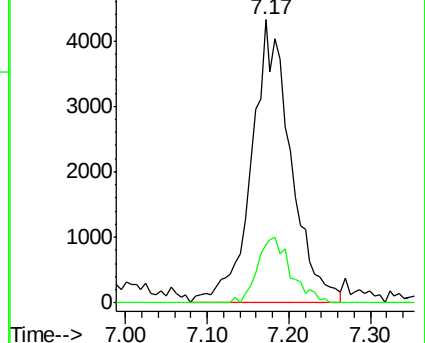
43 100

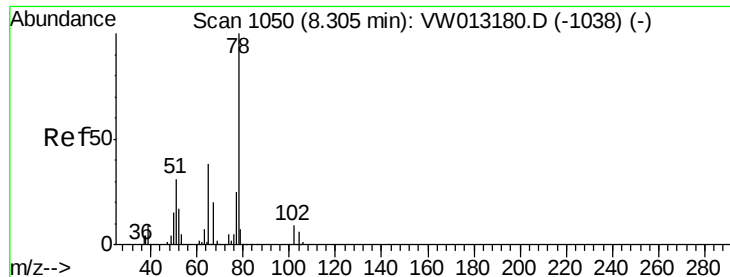
72 20.6 19.4 29.0



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: 53.080 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013278.D

Acq: 24 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

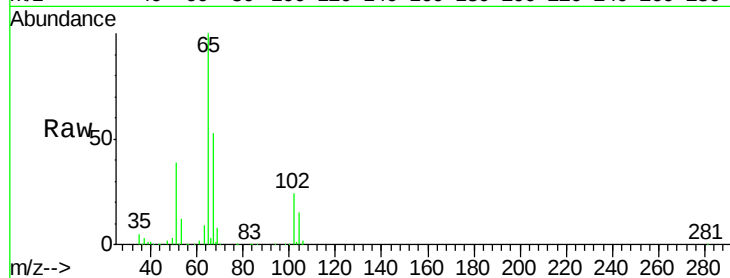
SB-7RE

Tot Ion: 65 Resp: 139075

Ion Ratio Lower Upper

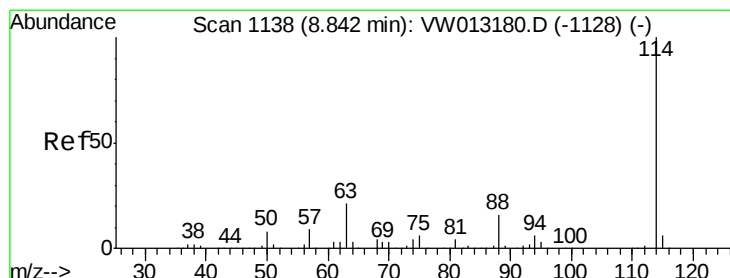
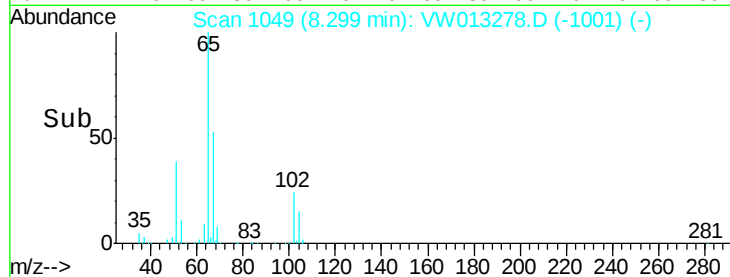
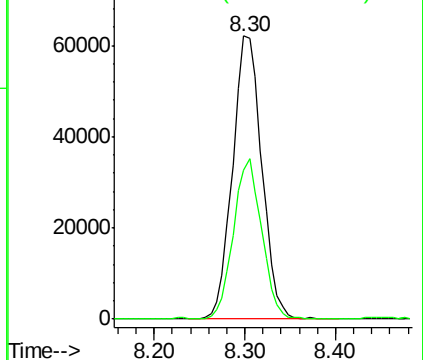
65 100

67 54.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013278.D

Acq: 24 Sep 2019 16:04

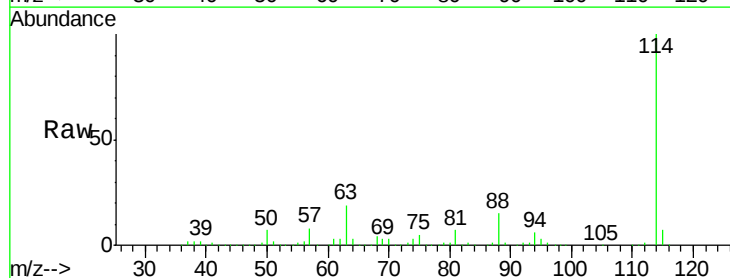
Tgt Ion: 114 Resp: 471043

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

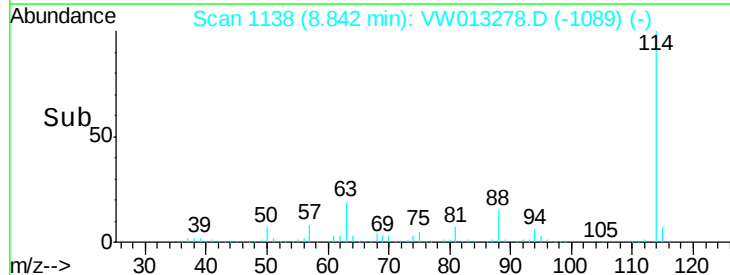
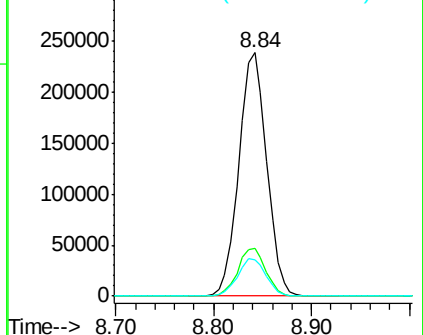
88 15.1 0.0 32.0

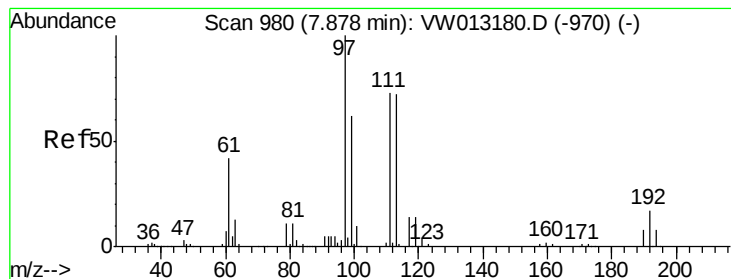


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.381 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013278.D

Acq: 24 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

SB-7RE

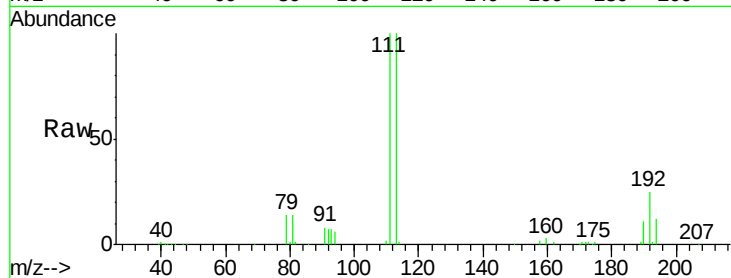
Tot Ion:113 Resp: 130525

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

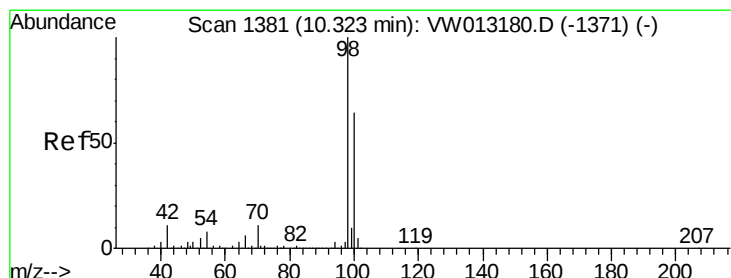
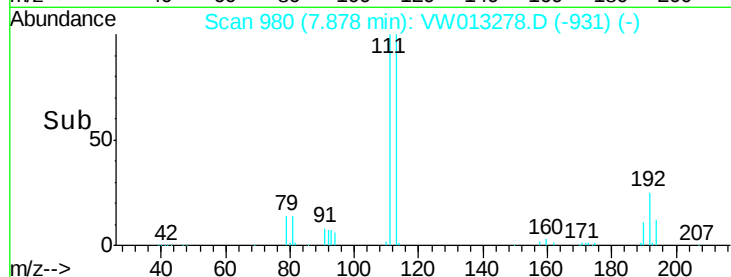
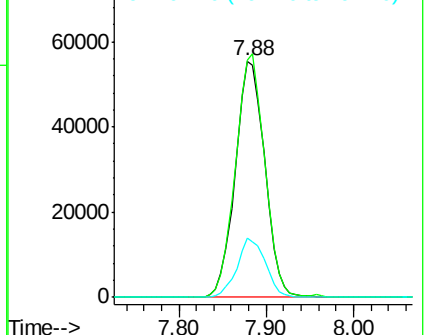
192 24.0 19.1 28.7



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: 51.037 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013278.D

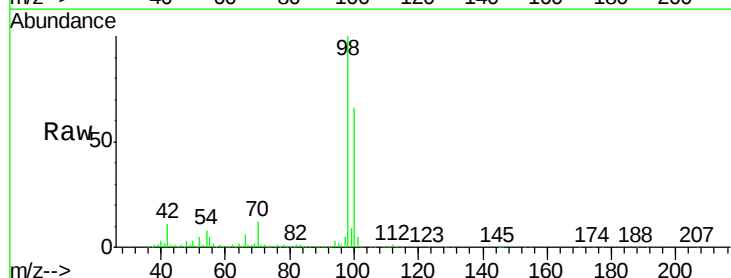
Acq: 24 Sep 2019 16:04

Tgt Ion: 98 Resp: 553375

Ion Ratio Lower Upper

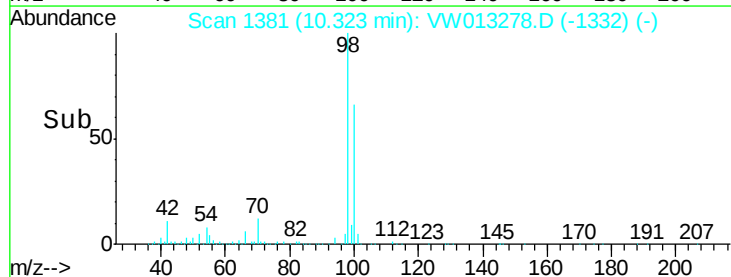
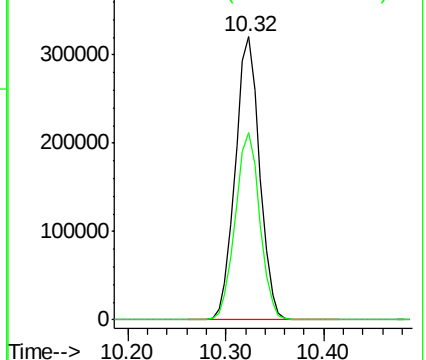
98 100

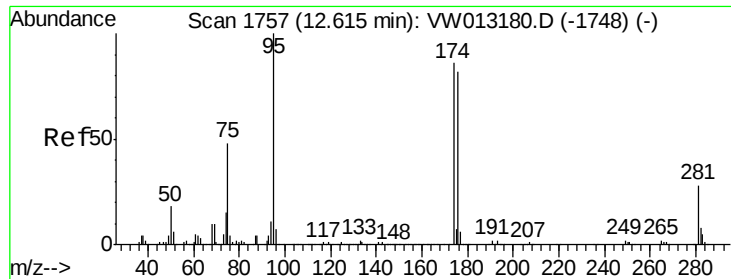
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

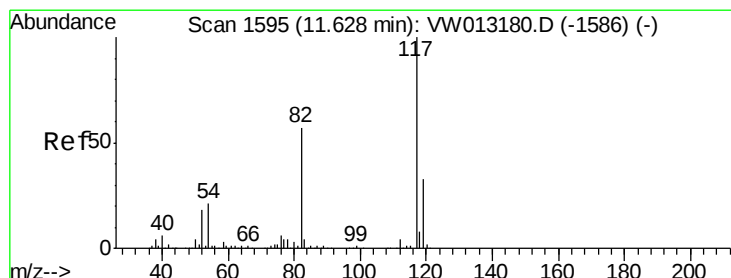
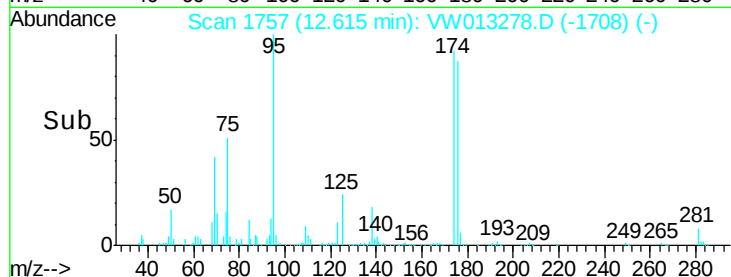
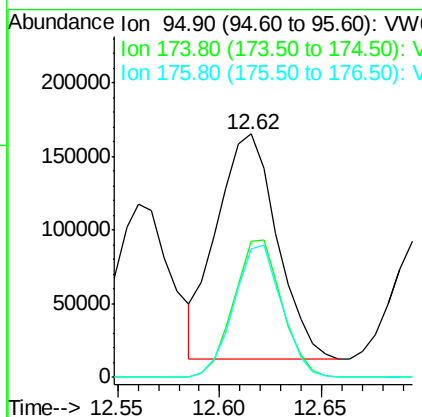
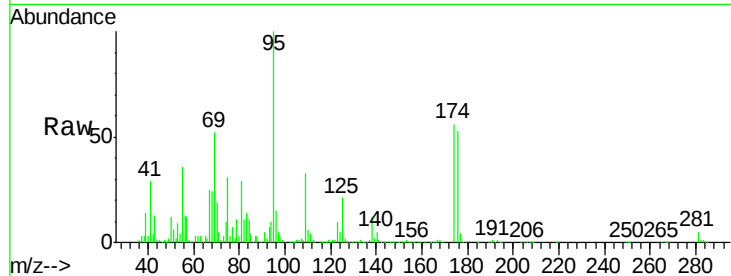




#62
4-Bromofluorobenzene
Concen: 84.777 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013278.D
Acq: 24 Sep 2019 16:04

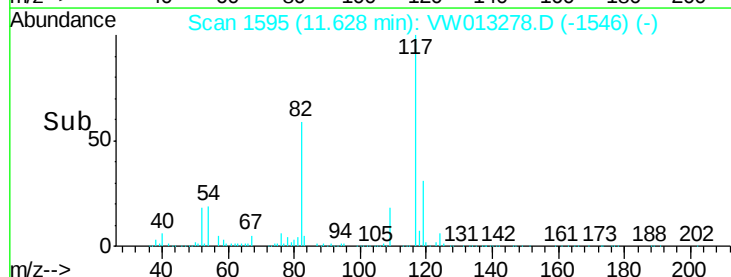
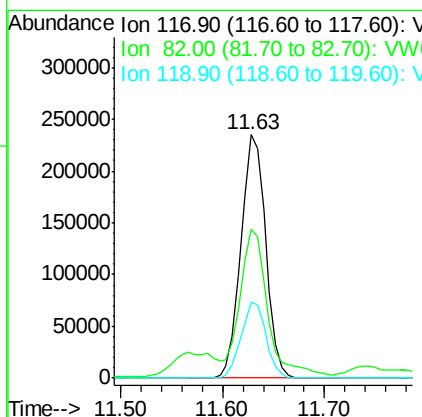
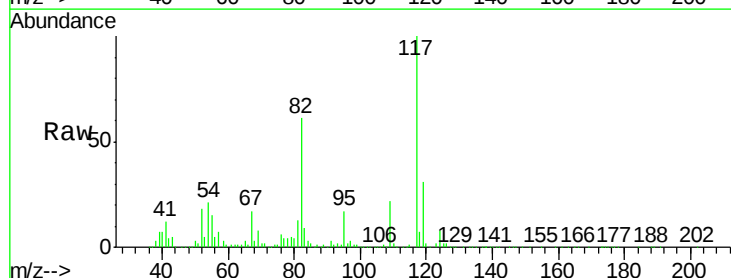
Instrument :
MSVOA_W
ClientSampled :
SB-7RE

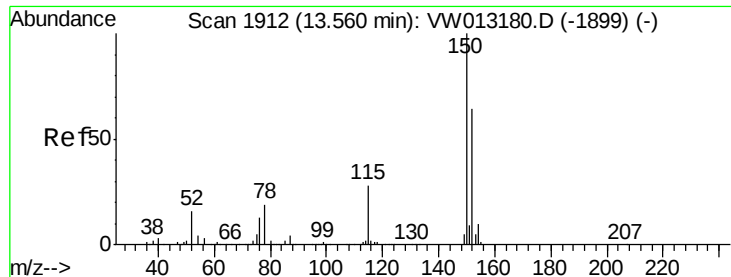
Tot Ion: 95 Resp: 313991
Ion Ratio Lower Upper
95 100
174 48.9 0.0 178.4
176 46.9 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013278.D
Acq: 24 Sep 2019 16:04

Tgt Ion: 117 Resp: 394892
Ion Ratio Lower Upper
117 100
82 59.7 45.9 68.9
119 31.1 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013278.D

Acq: 24 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

SB-7RE

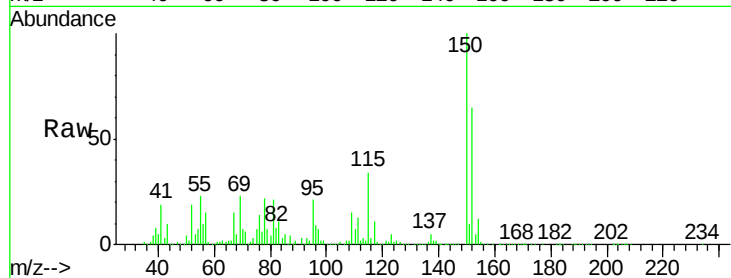
Tot Ion:152 Resp: 205980

Ion Ratio Lower Upper

152 100

115 45.6 27.3 81.9

150 129.1 0.0 349.0



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

