

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005444.D
 Acq On : 17 Sep 2018 19:43
 Operator : SY/AP
 Sample : J4960-01RE
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S1RE

Quant Time: Sep 18 02:09:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	208413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	321674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85236	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	93665	43.30	ug/l	0.00
Spiked Amount			Recovery	=	86.60%	
35) Dibromofluoromethane	7.89	113	72076	39.96	ug/l	0.00
Spiked Amount			Recovery	=	79.92%	
50) Toluene-d8	10.33	98	288629	34.94	ug/l	0.00
Spiked Amount			Recovery	=	69.88%	
62) 4-Bromofluorobenzene	12.62	95	81912	27.05	ug/l	0.00
Spiked Amount			Recovery	=	54.10%	

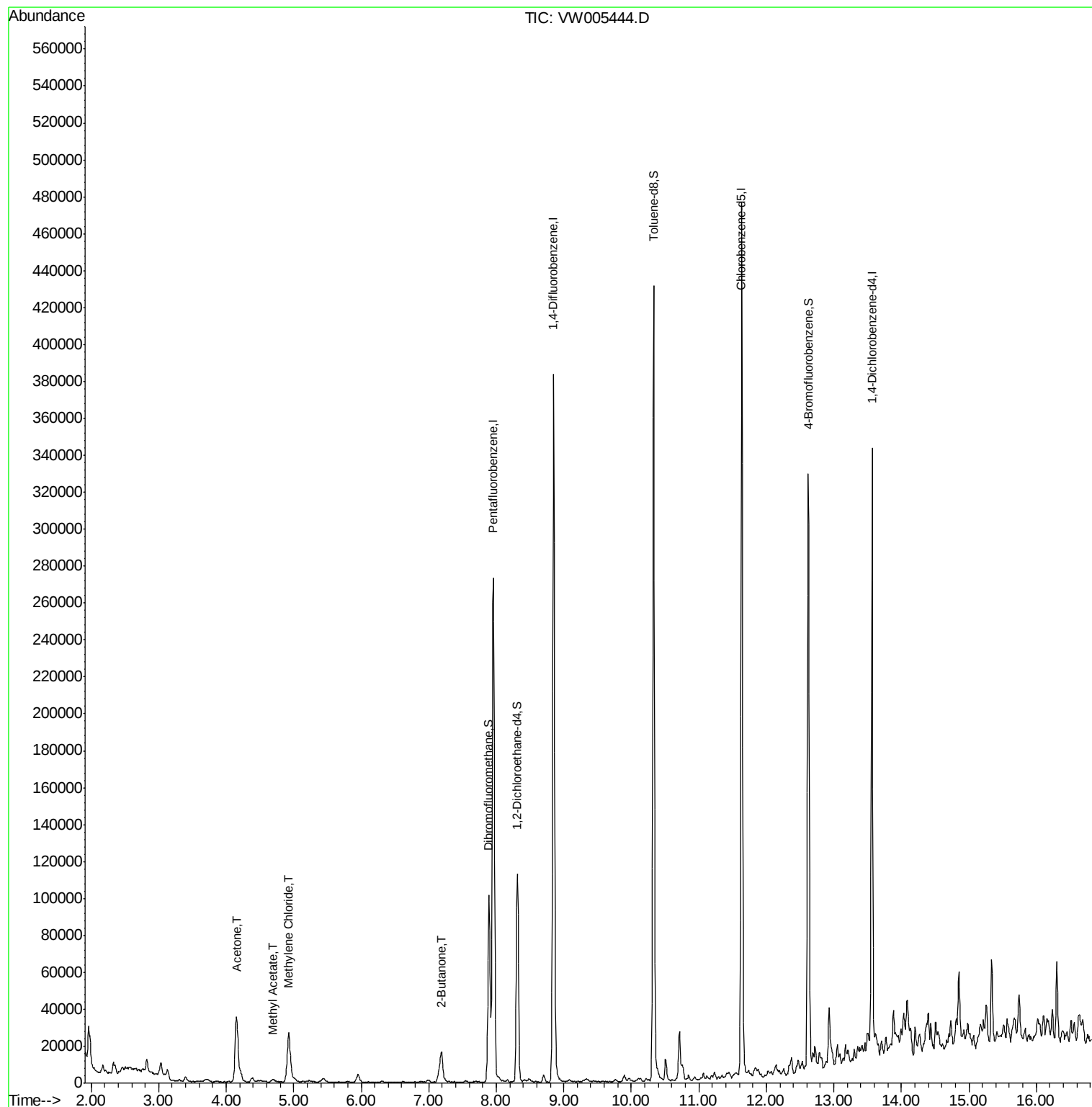
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	73440	234.98	ug/l	98
18) Methyl Acetate	4.68	43	3128	3.01	ug/l	95
20) Methylene Chloride	4.93	84	19475	3.77	ug/l	96
25) 2-Butanone	7.19	43	25978	49.92	ug/l	91

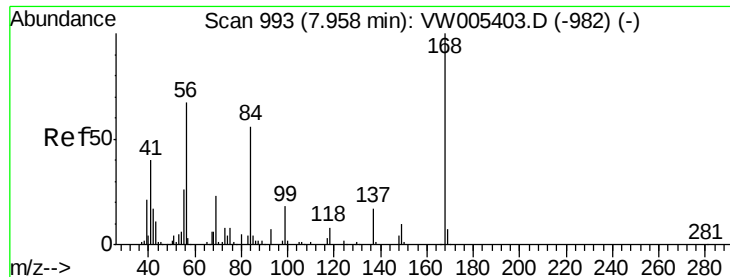
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005444.D

Acq: 17 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

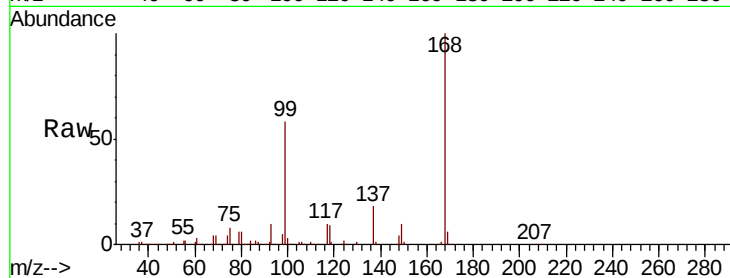
S1RE

Tot Ion:168 Resp: 208413

Ion Ratio Lower Upper

168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

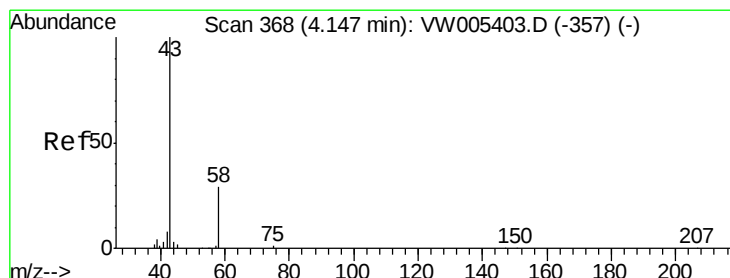
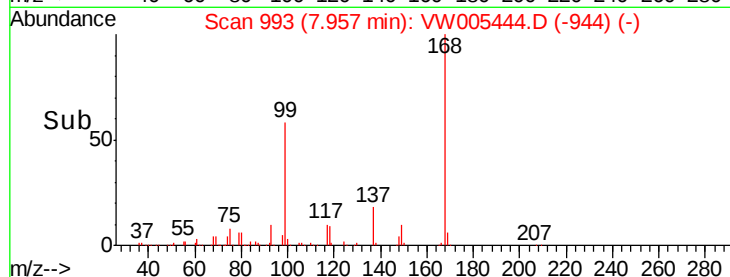
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 234.98 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005444.D

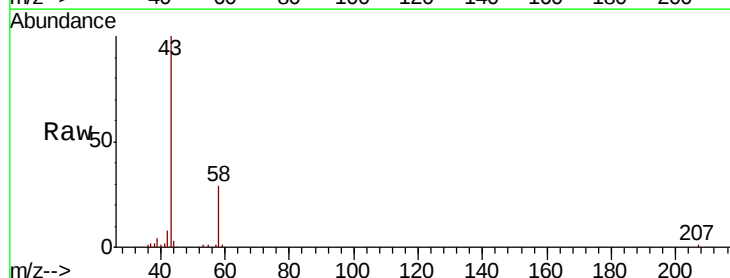
Acq: 17 Sep 2018 19:43

Tgt Ion: 43 Resp: 73440

Ion Ratio Lower Upper

43 100

58 29.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

25000

20000

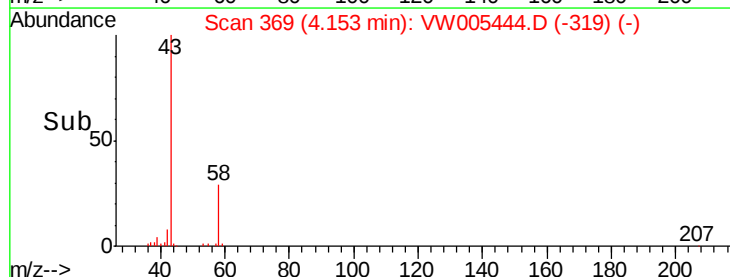
15000

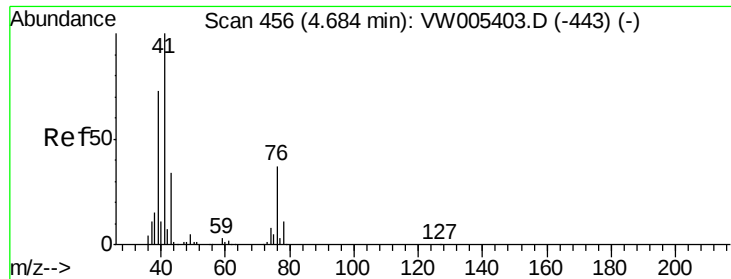
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#18

Methyl Acetate

Concen: 3.01 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005444.D

Acq: 17 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampled :

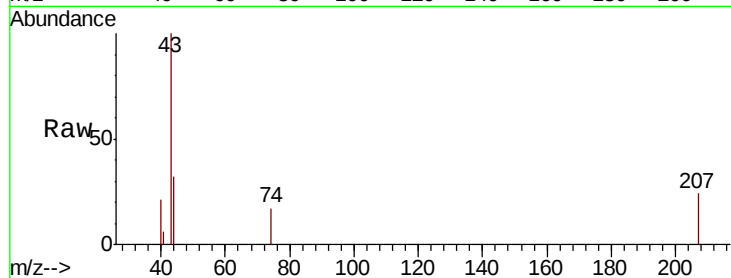
S1RE

Tot Ion: 43 Resp: 3128

Ion Ratio Lower Upper

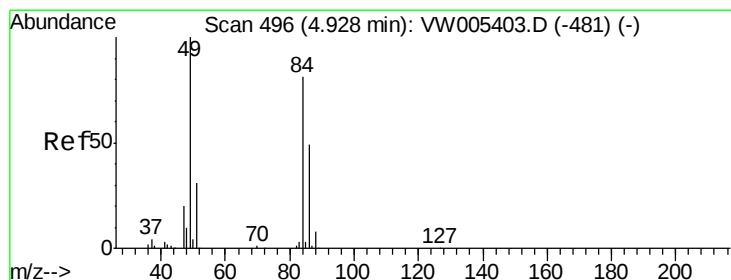
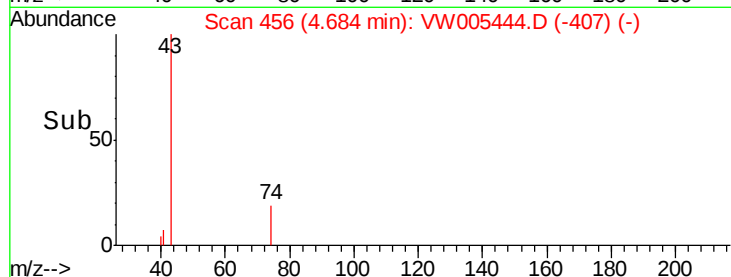
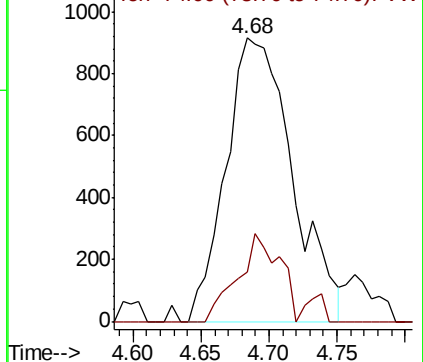
43 100

74 19.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#20

Methylene Chloride

Concen: 3.77 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005444.D

Acq: 17 Sep 2018 19:43

Tgt Ion: 84 Resp: 19475

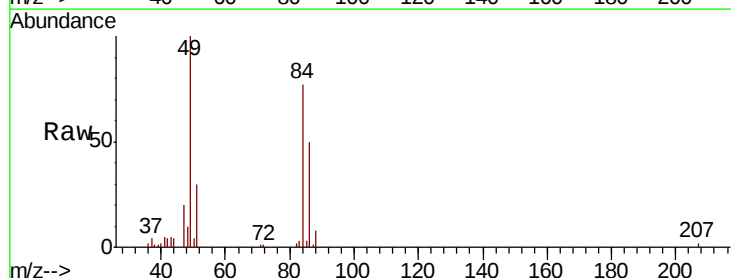
Ion Ratio Lower Upper

84 100

49 129.7 99.3 148.9

51 38.5 31.1 46.7

86 64.3 49.1 73.7

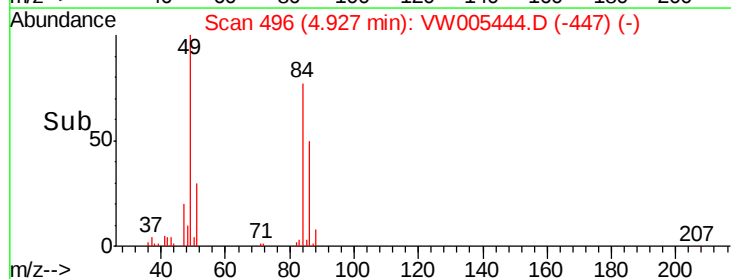
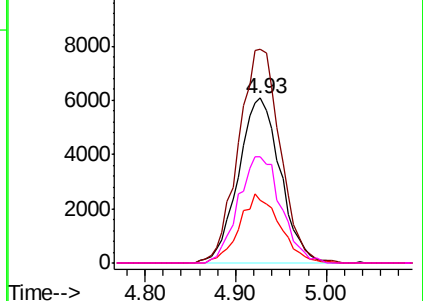


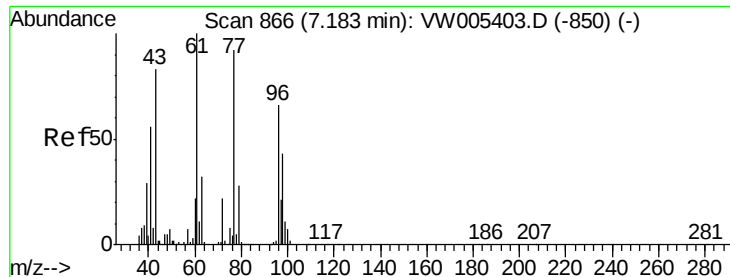
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 49.92 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005444.D

Acq: 17 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampled :

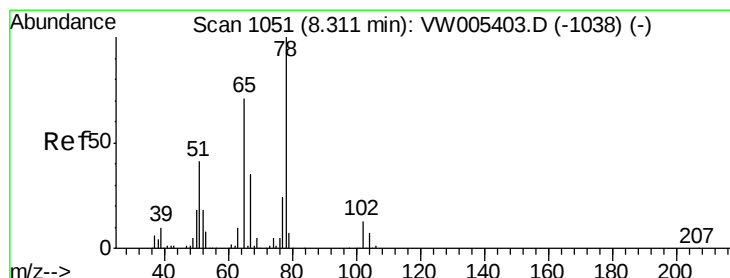
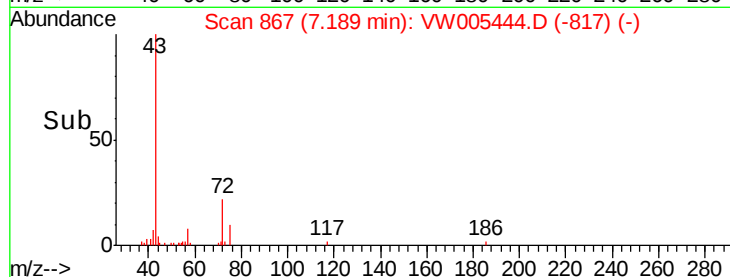
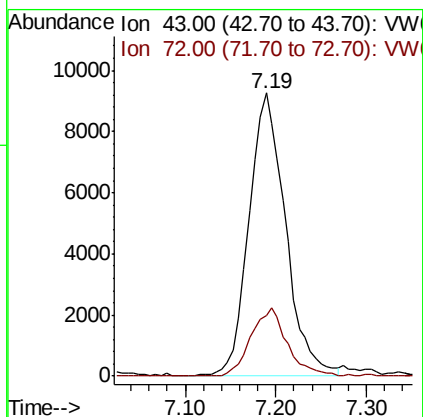
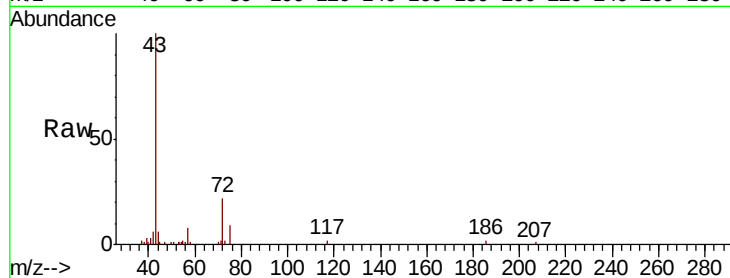
S1RE

Tot Ion: 43 Resp: 25978

Ion Ratio Lower Upper

43 100

72 21.5 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 43.30 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005444.D

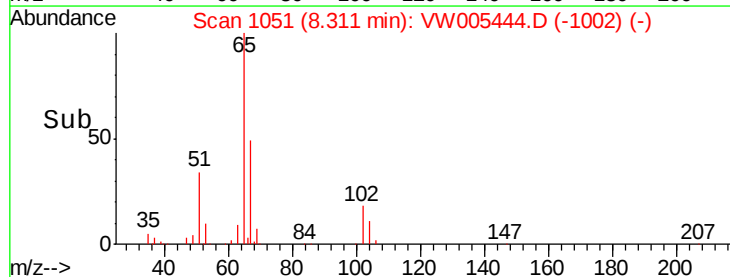
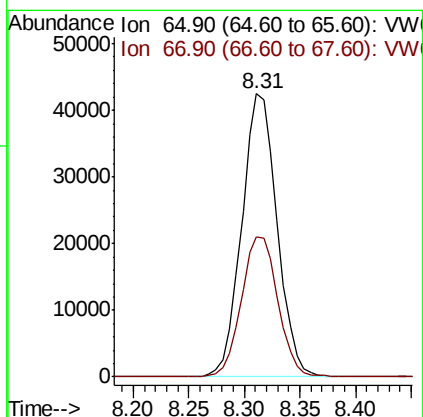
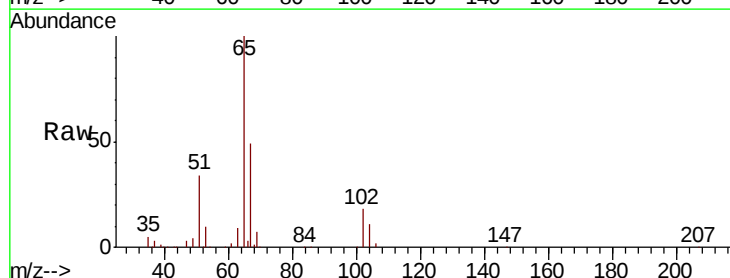
Acq: 17 Sep 2018 19:43

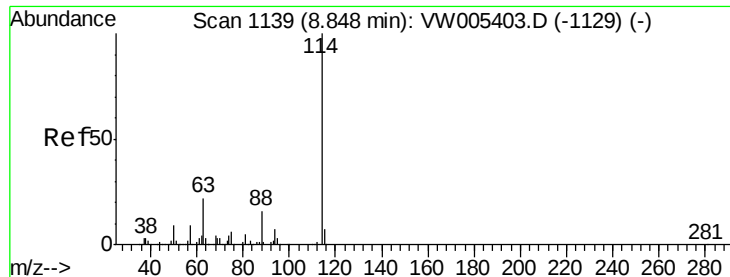
Tgt Ion: 65 Resp: 93665

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.6

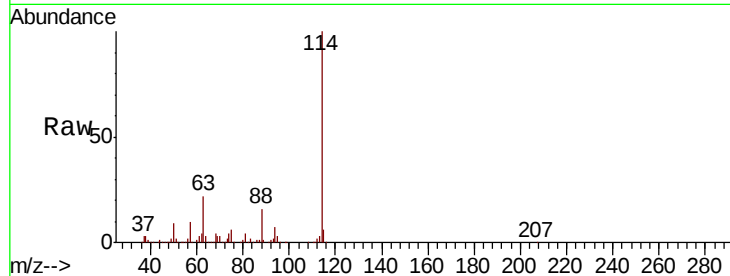




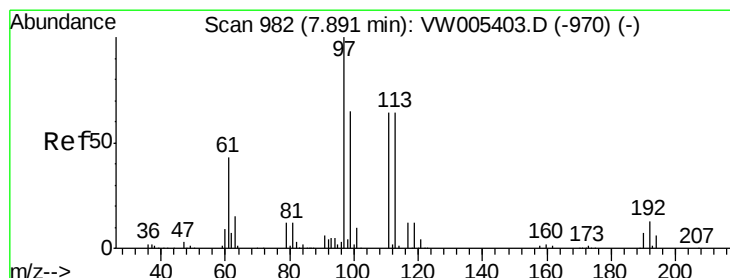
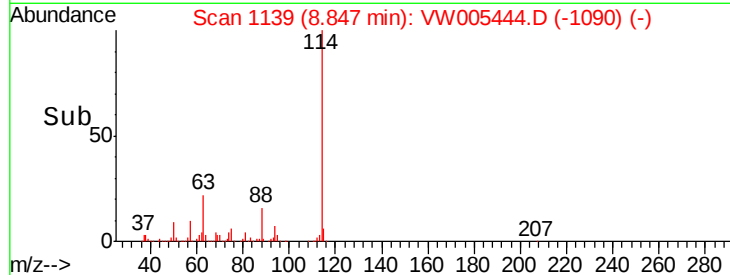
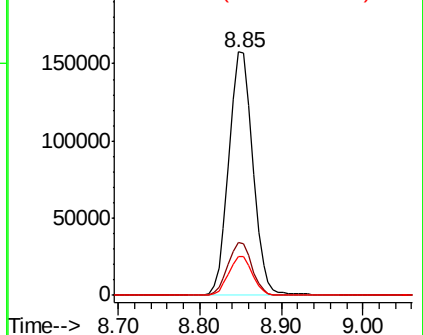
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005444.D
 Acq: 17 Sep 2018 19:43

Instrument :
 MSVOA_W
 ClientSampleId :
 S1RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.4
88	16.0	0.0	31.8

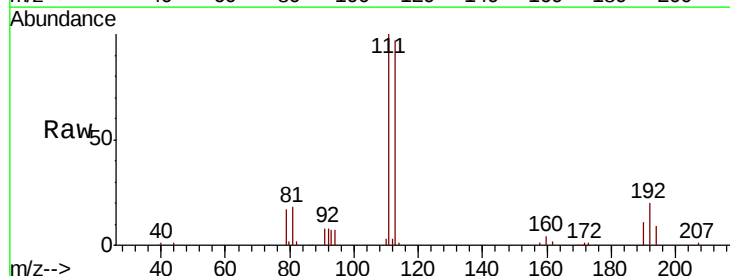


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

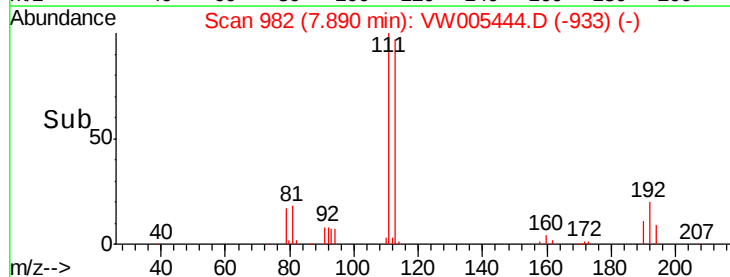
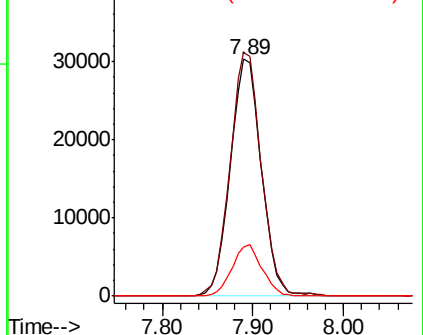


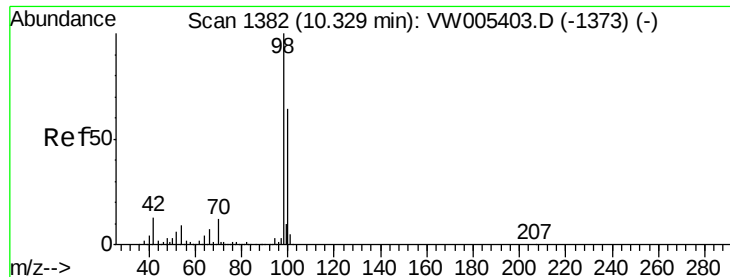
#35
 Dibromofluoromethane
 Concen: 39.96 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005444.D
 Acq: 17 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.9	16.5	24.7



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: 34.94 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005444.D

Acq: 17 Sep 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

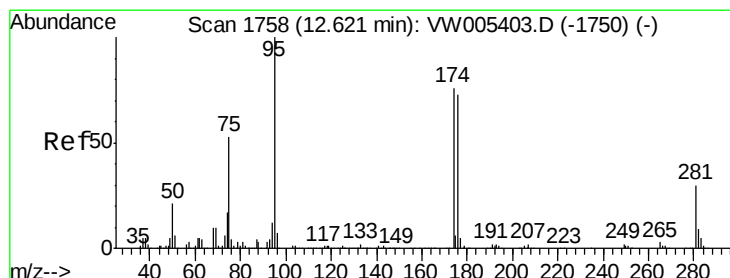
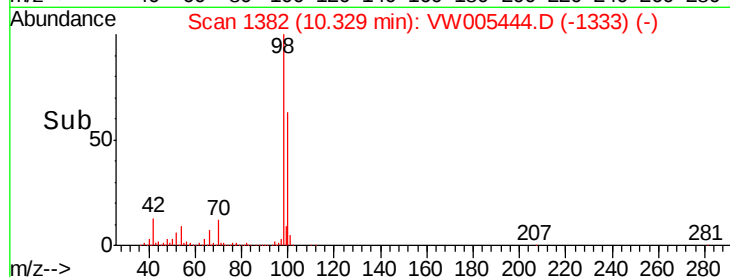
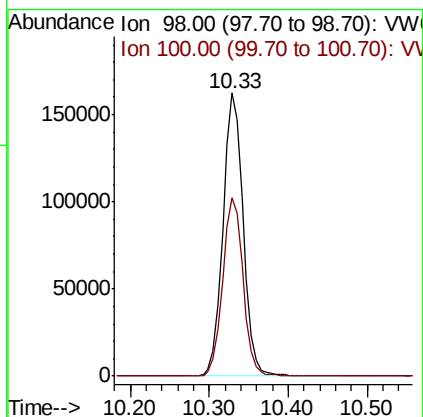
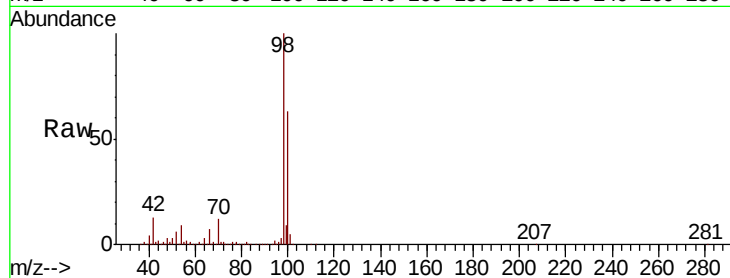
S1RE

Tot Ion: 98 Resp: 288629

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 27.05 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005444.D

Acq: 17 Sep 2018 19:43

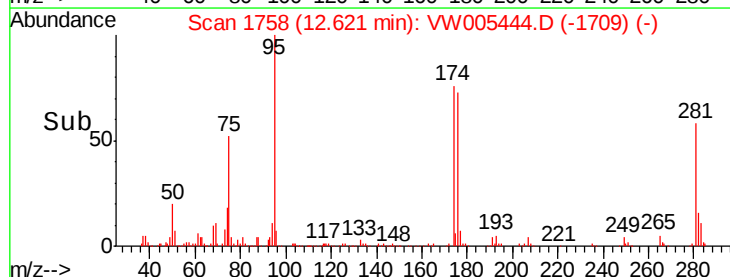
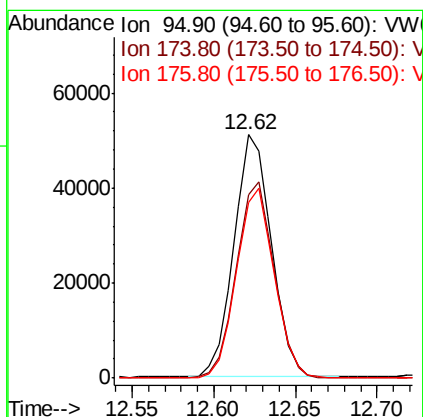
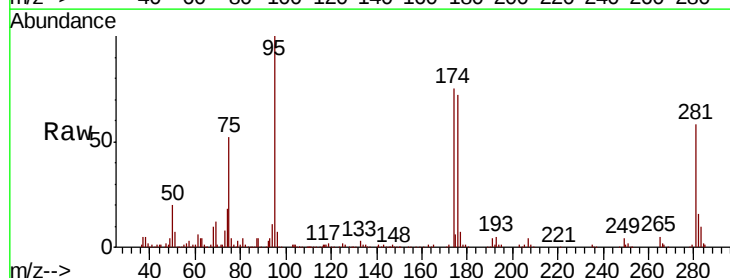
Tgt Ion: 95 Resp: 81912

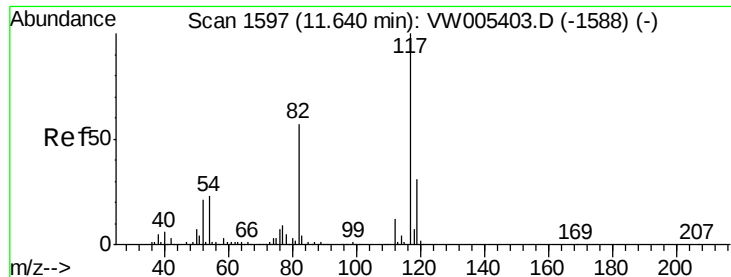
Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.2

176 78.7 0.0 156.6

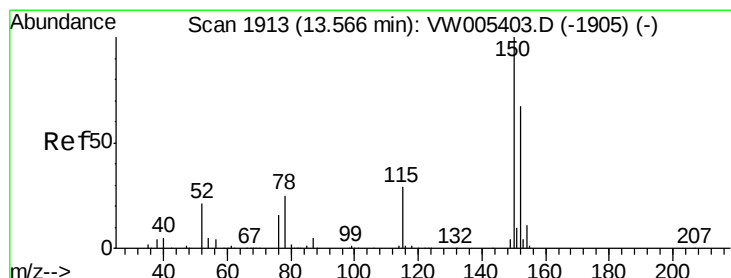
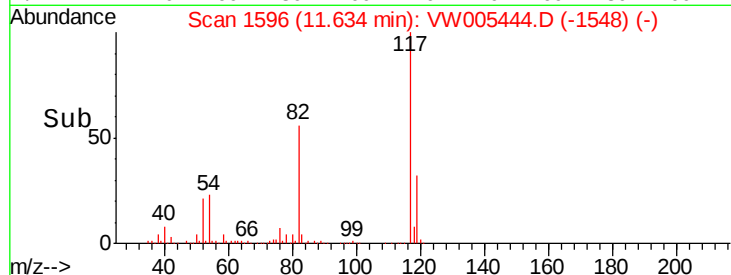
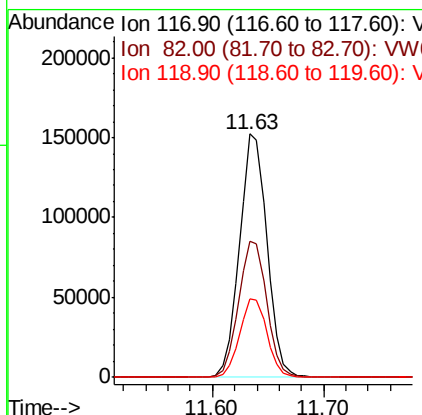
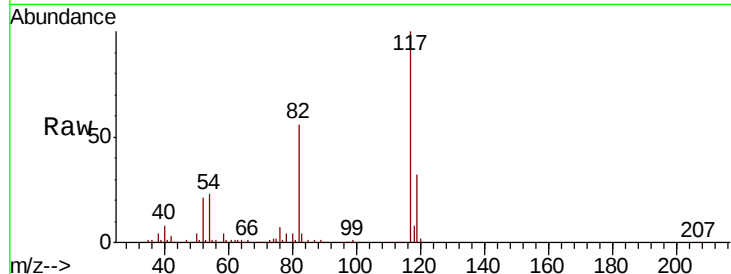




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005444.D
Acq: 17 Sep 2018 19:43

Instrument :
MSVOA_W
ClientSampleId :
S1RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	32.5	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005444.D
Acq: 17 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.5	88.5
150	156.3	0.0	345.6

