

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
 Data File : VW006504.D
 Acq On : 30 Oct 2018 16:18
 Operator : SY/AP
 Sample : J5691-09RE
 Misc : 5.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5RE

Quant Time: Oct 30 17:14:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	99469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	42928	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	34964	60.25	ug/l	0.00
Spiked Amount			Recovery	=	120.50%	
35) Dibromofluoromethane	7.89	113	33100	56.32	ug/l	0.00
Spiked Amount			Recovery	=	112.64%	
50) Toluene-d8	10.33	98	117838	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	40147	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

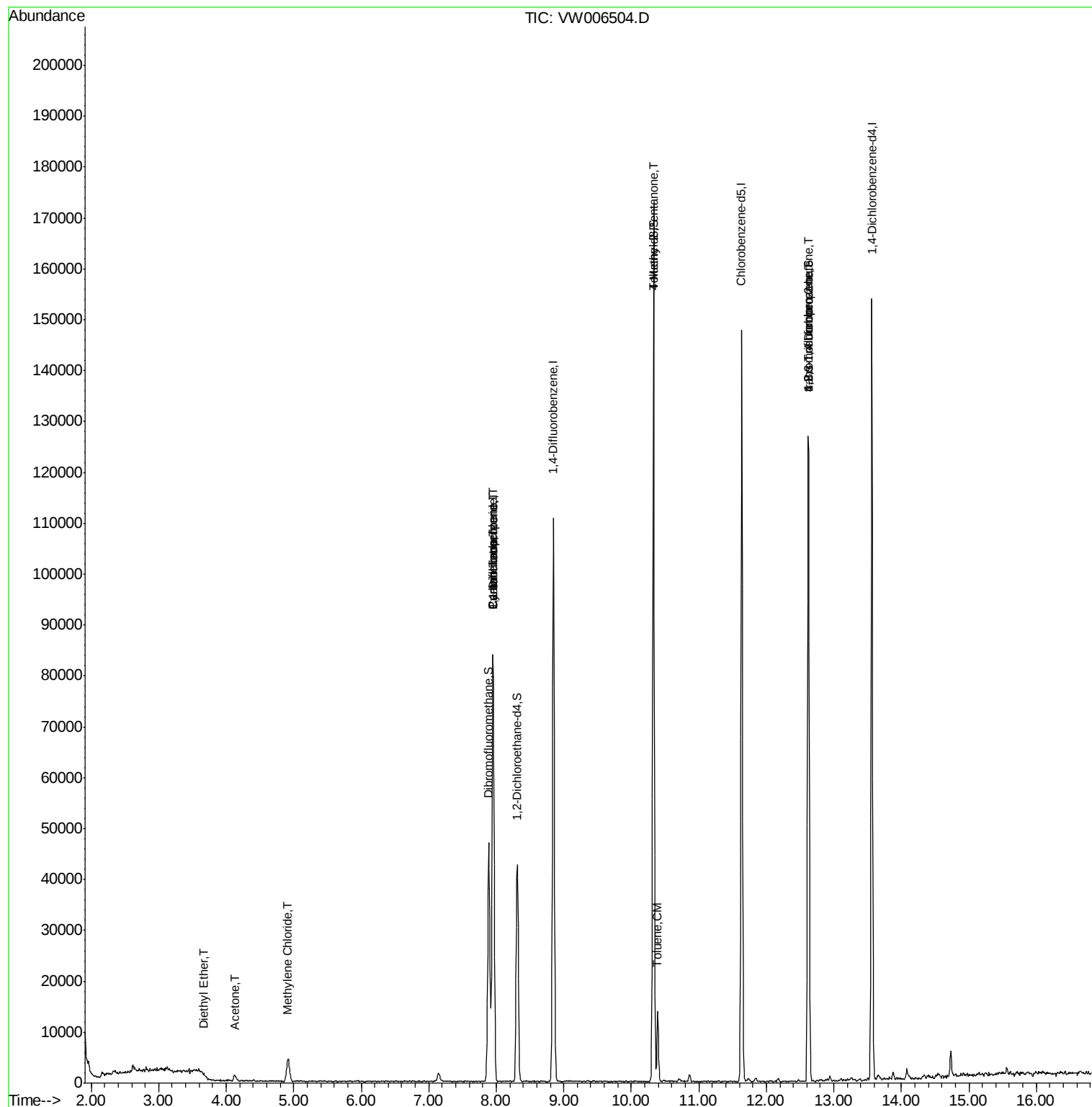
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	508	1.61	ug/l	91
16) Acetone	4.12	43	2195	5.69	ug/l #	81
20) Methylene Chloride	4.91	84	3658	4.47	ug/l #	84
31) Cyclohexane	7.95	56	1260	1.19	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	4319	4.71	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6272	6.24	ug/l #	18
51) 4-Methyl-2-Pentanone	10.33	43	473	1.36	ug/l #	1
52) Toluene	10.40	92	5886	3.49	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	20053	61.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20053	146.19	ug/l #	10

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

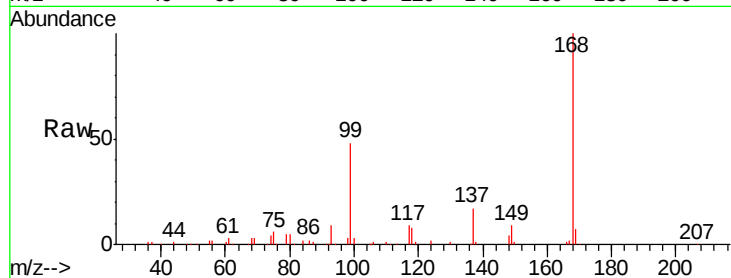
SB-5RE

Tgt Ion:168 Resp: 70002

Ion Ratio Lower Upper

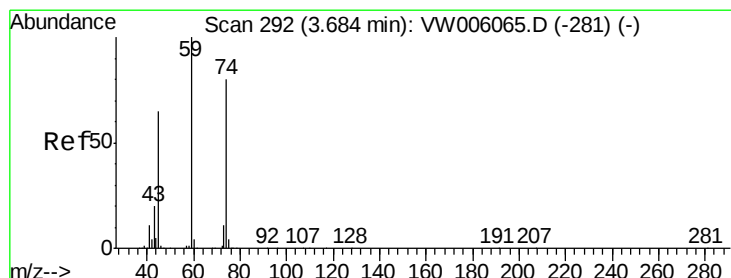
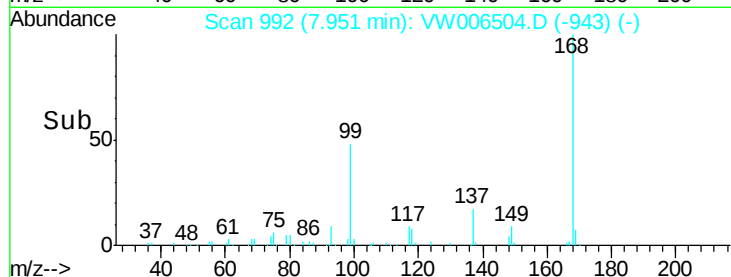
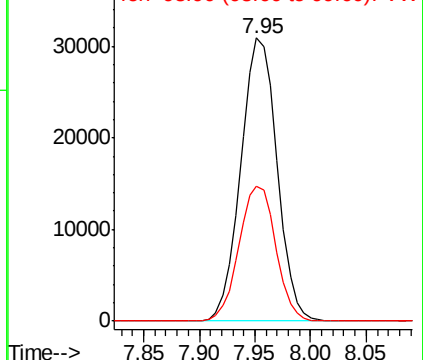
168 100

99 47.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.61 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006504.D

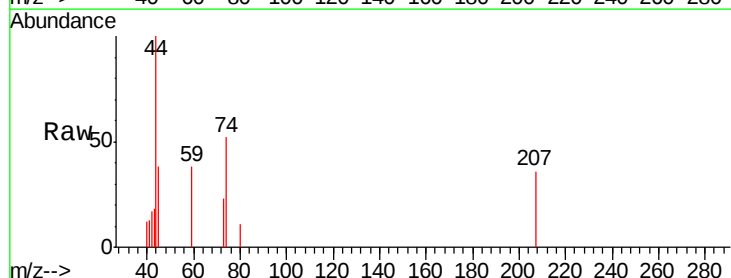
Acq: 30 Oct 2018 16:18

Tgt Ion: 74 Resp: 508

Ion Ratio Lower Upper

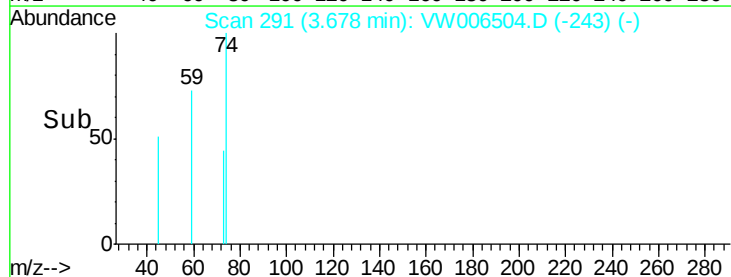
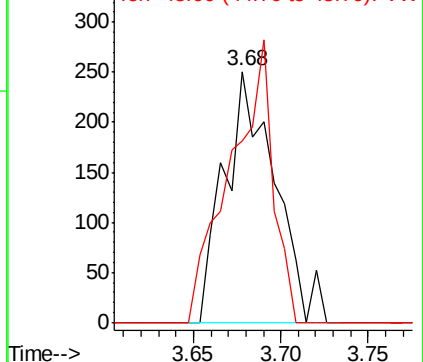
74 100

45 93.3 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 5.69 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampled :

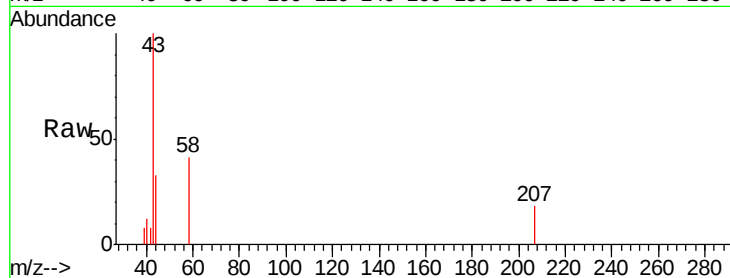
SB-5RE

Tgt Ion: 43 Resp: 2195

Ion Ratio Lower Upper

43 100

58 40.6 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

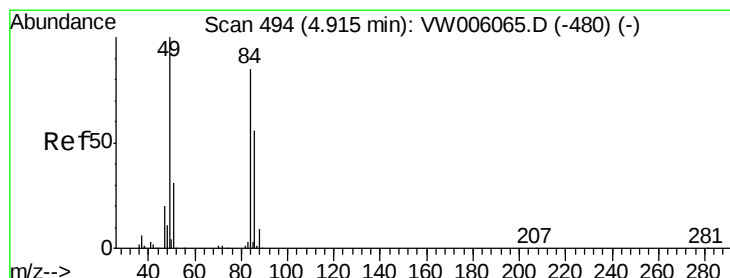
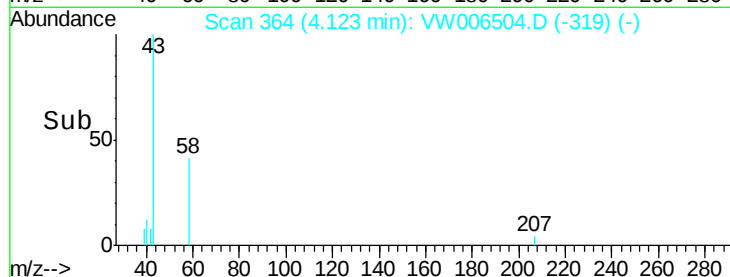
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 4.47 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Tgt Ion: 84 Resp: 3658

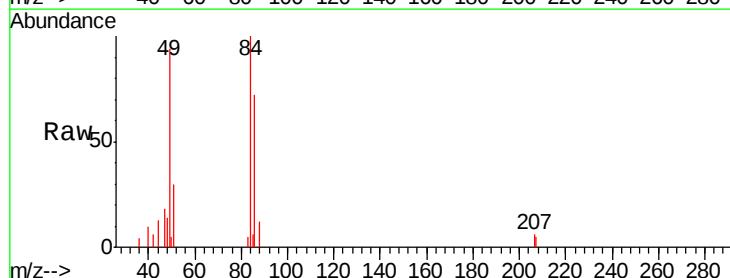
Ion Ratio Lower Upper

84 100

49 93.6 93.6 140.4#

51 29.7 29.0 43.4

86 71.9 52.6 79.0



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

2000

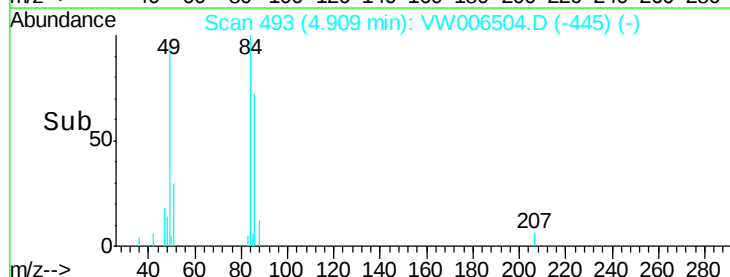
1500

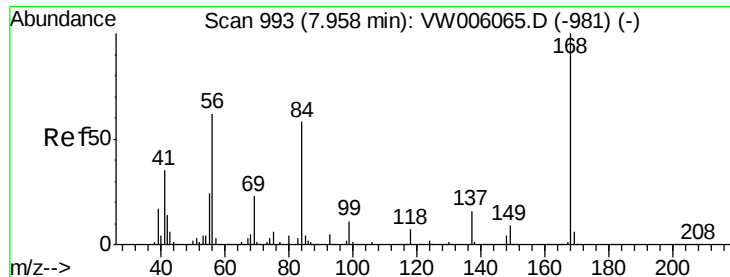
1000

500

0

Time-->

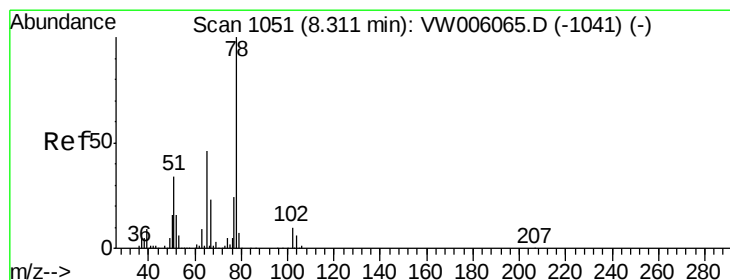
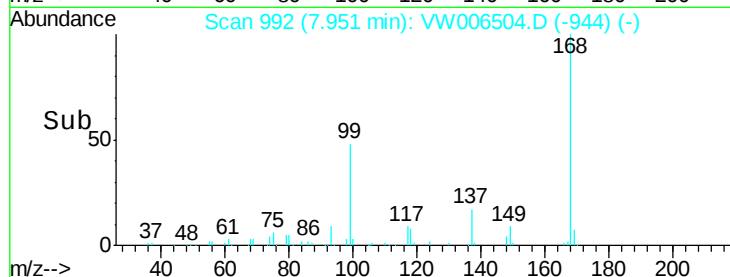
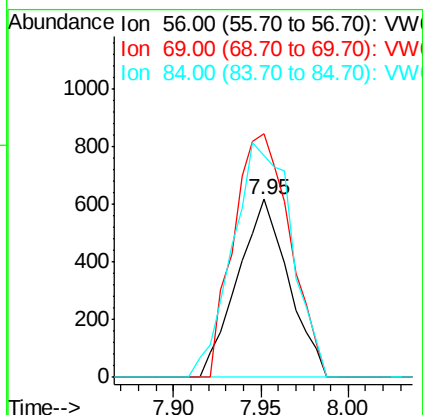
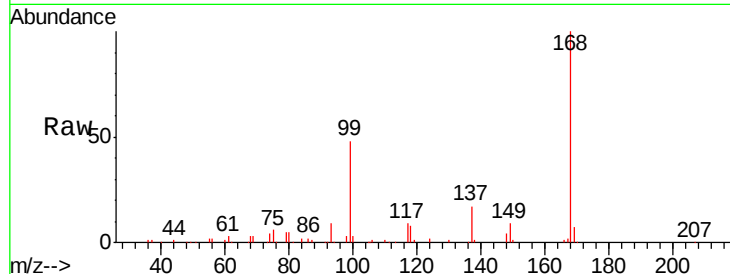




#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006504.D
Acq: 30 Oct 2018 16:18

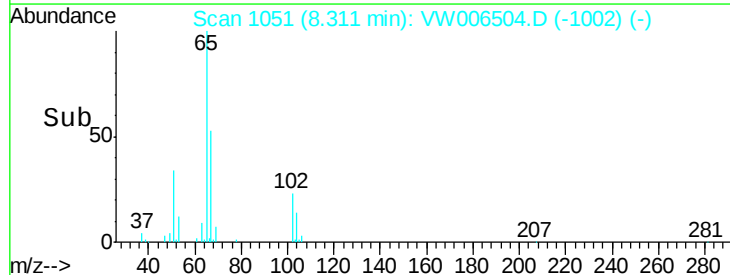
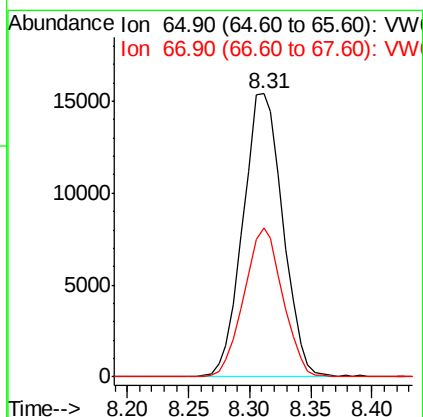
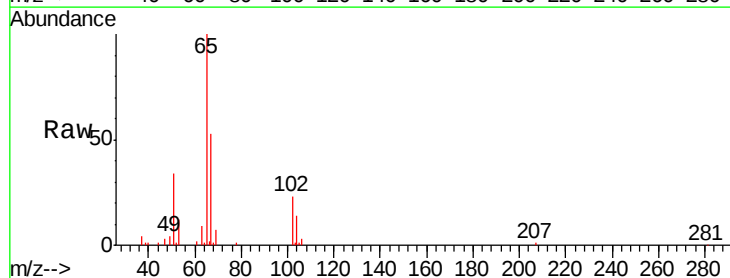
Instrument :
MSVOA_W
ClientSampled :
SB-5RE

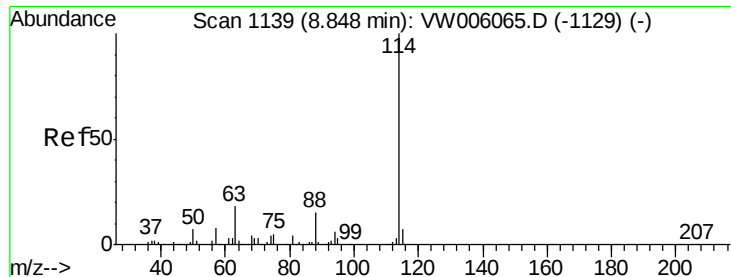
Tgt Ion: 56 Resp: 1260
Ion Ratio Lower Upper
56 100
69 136.6 29.4 44.0#
84 124.4 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 60.25 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006504.D
Acq: 30 Oct 2018 16:18

Tgt Ion: 65 Resp: 34964
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.0

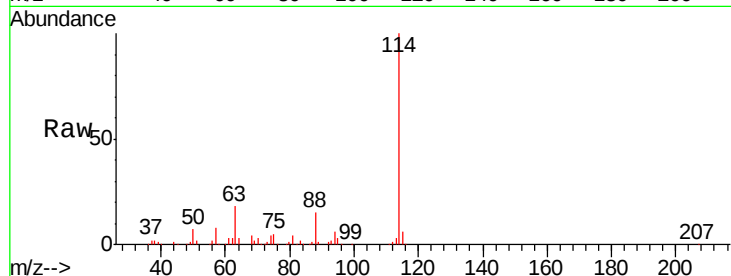




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006504.D
 Acq: 30 Oct 2018 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5RE

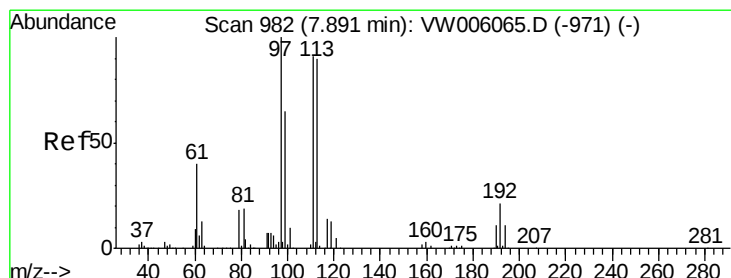
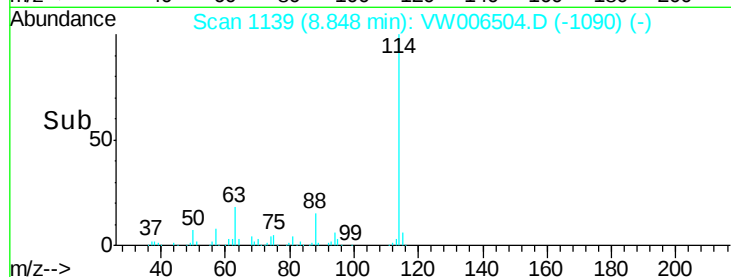
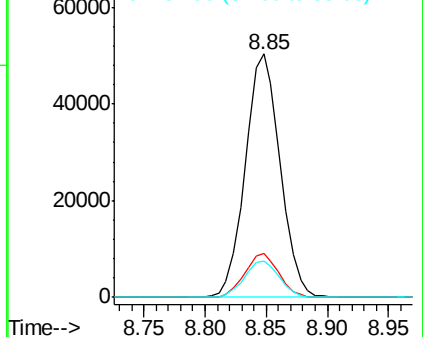
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	14.9	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

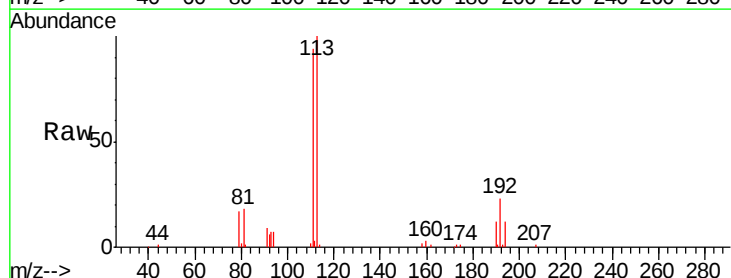
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 56.32 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006504.D
 Acq: 30 Oct 2018 16:18

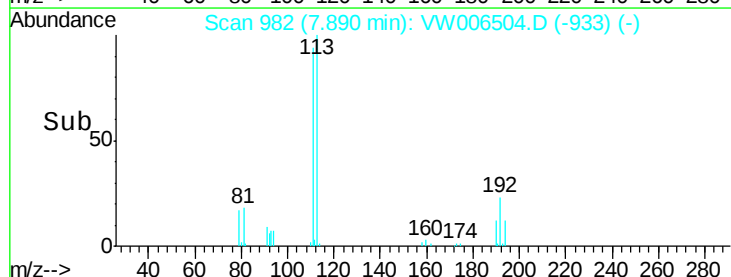
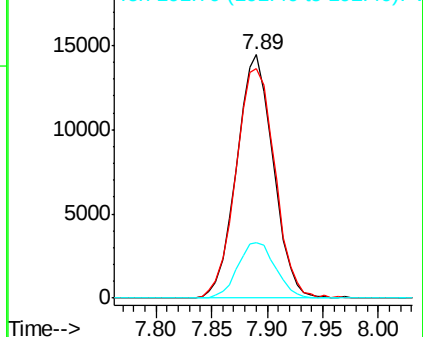
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.4	122.0
192	23.3	18.7	28.1

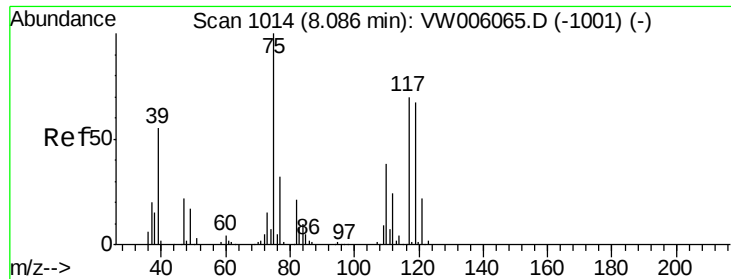


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

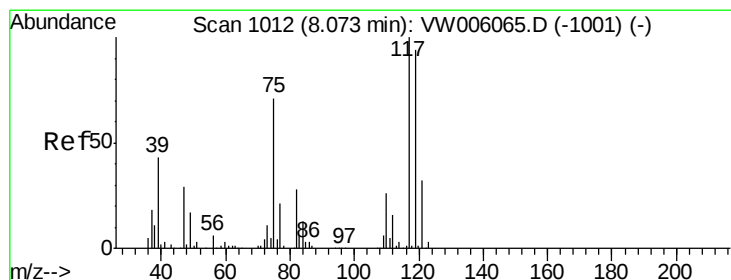
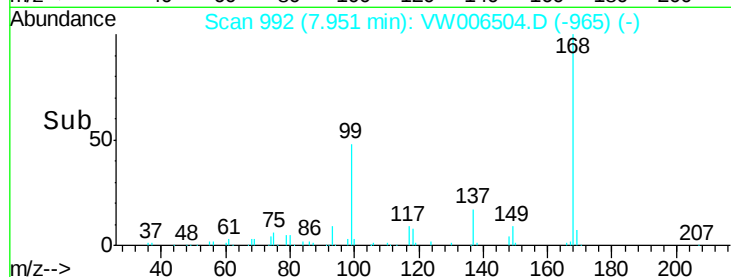
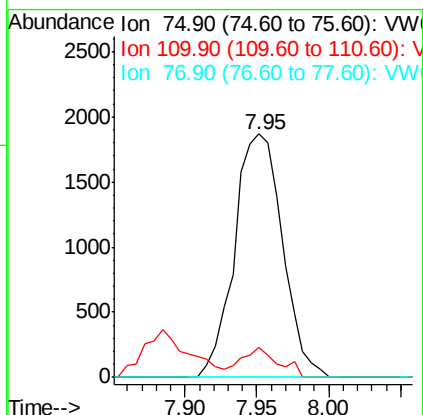
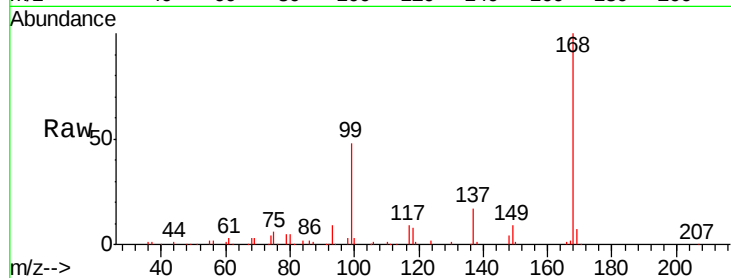




#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006504.D
 Acq: 30 Oct 2018 16:18

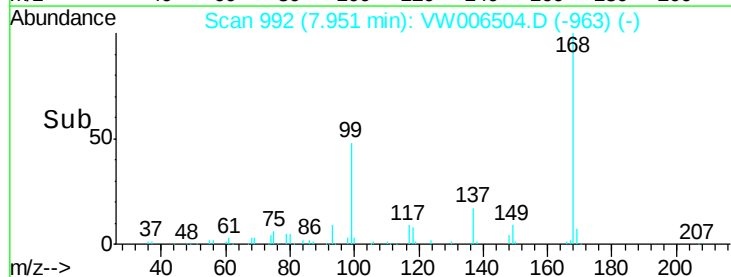
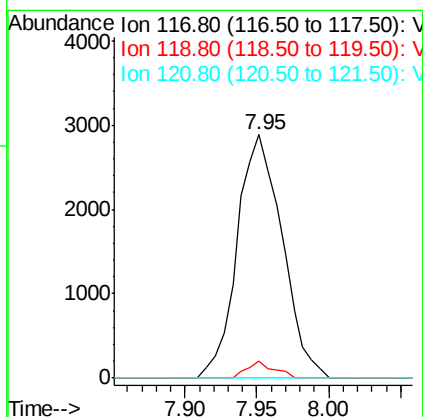
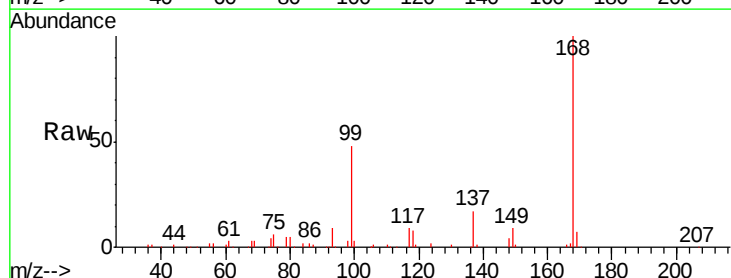
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-5RE

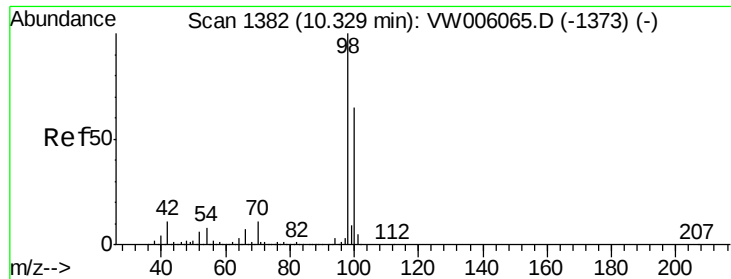
Tgt Ion: 75 Resp: 4319
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.24 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006504.D
 Acq: 30 Oct 2018 16:18

Tgt Ion: 117 Resp: 6272
 Ion Ratio Lower Upper
 117 100
 119 6.9 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 52.70 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampleId :

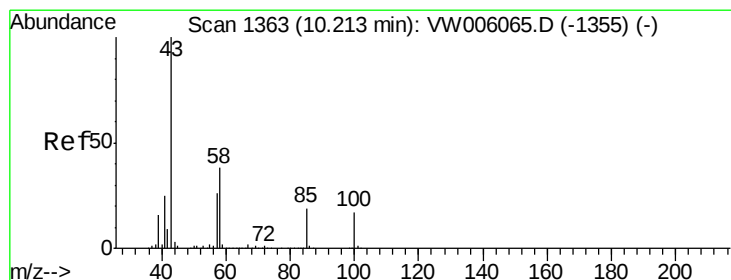
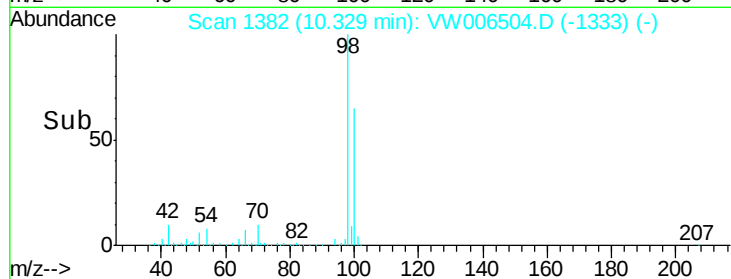
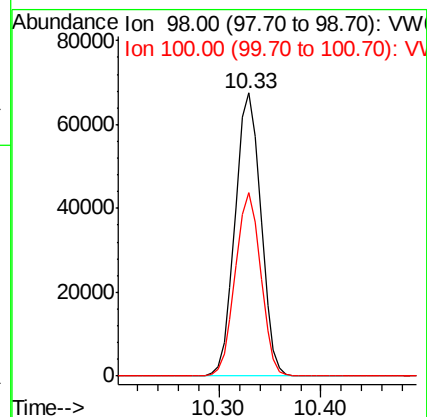
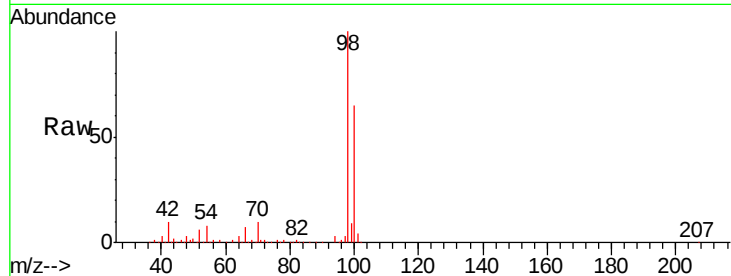
SB-5RE

Tgt Ion: 98 Resp: 117838

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.36 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006504.D

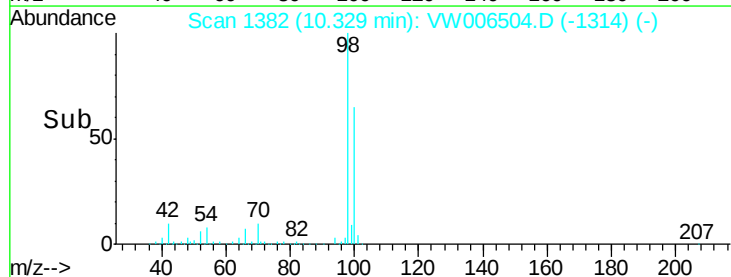
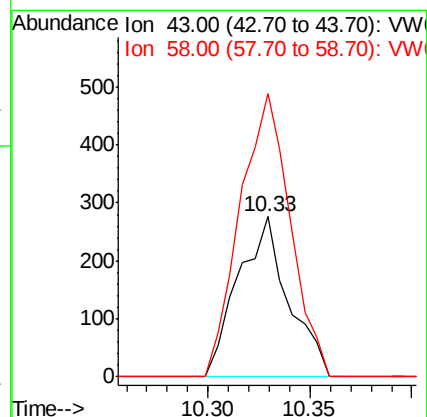
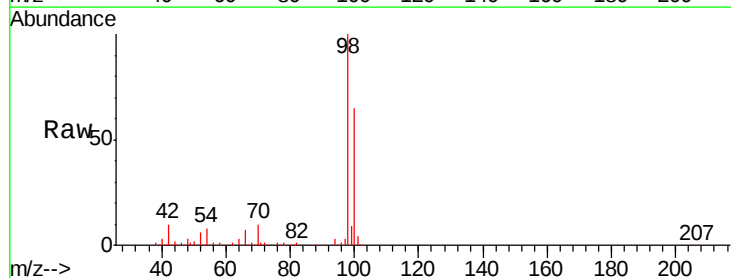
Acq: 30 Oct 2018 16:18

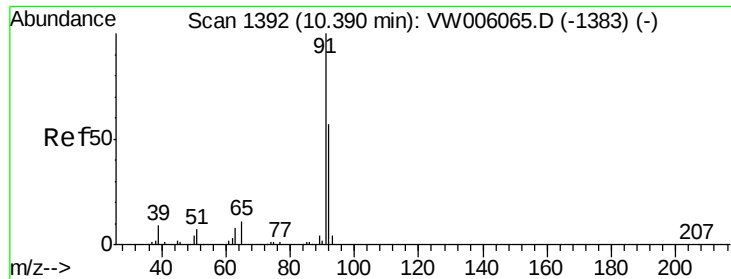
Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

43 100

58 177.0 31.5 47.3#





#52

Toluene

Concen: 3.49 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampled :

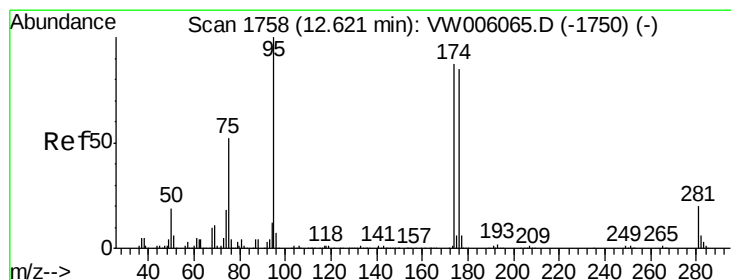
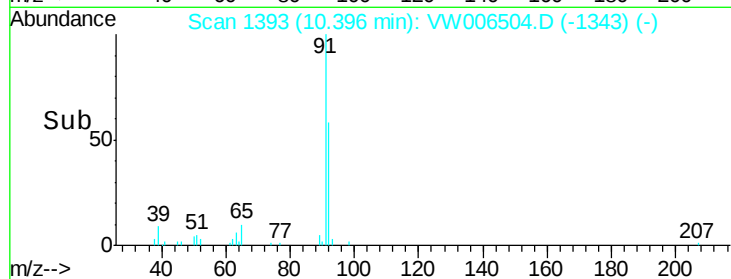
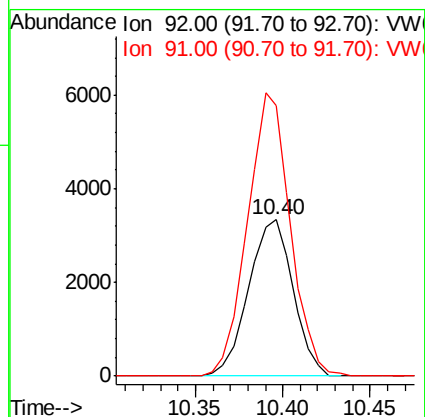
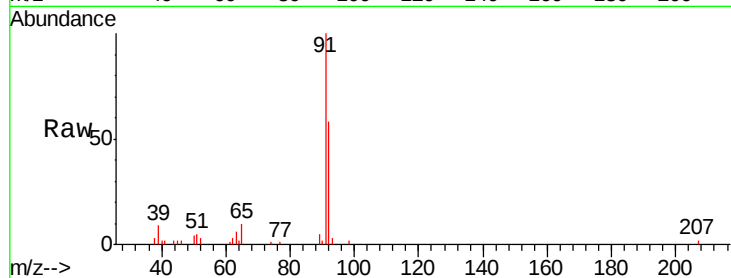
SB-5RE

Tgt Ion: 92 Resp: 5886

Ion Ratio Lower Upper

92 100

91 174.4 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 47.80 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

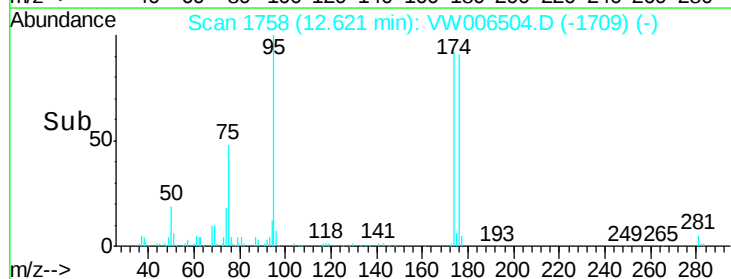
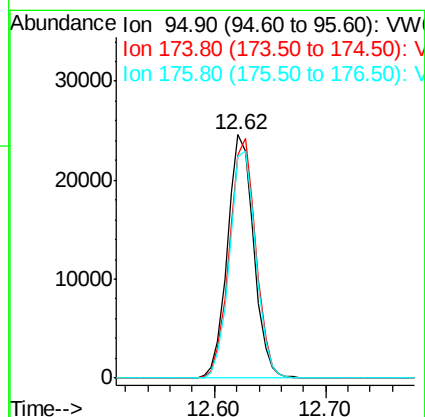
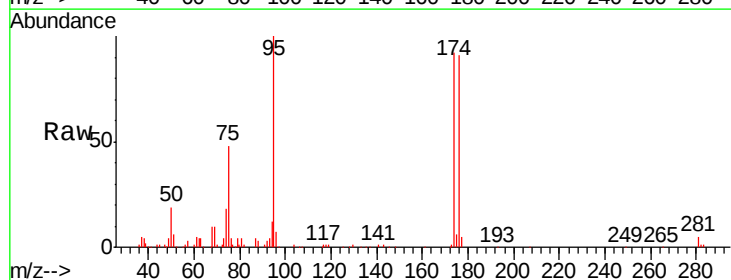
Tgt Ion: 95 Resp: 40147

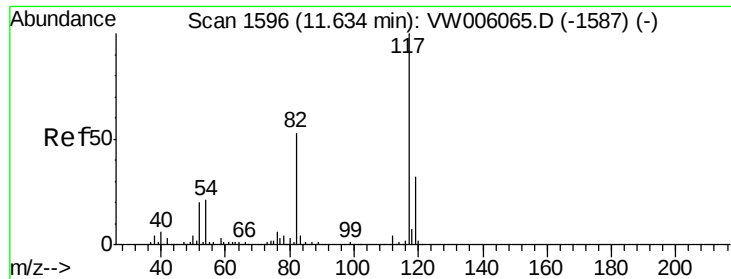
Ion Ratio Lower Upper

95 100

174 98.4 0.0 186.0

176 93.2 0.0 181.6

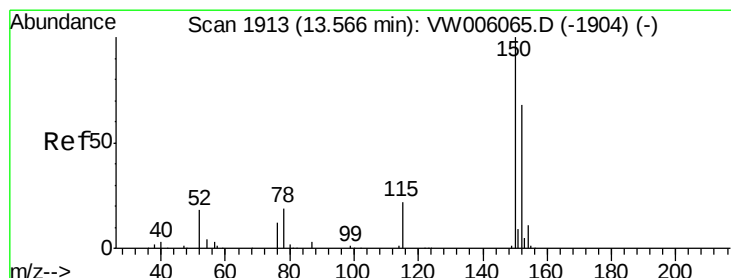
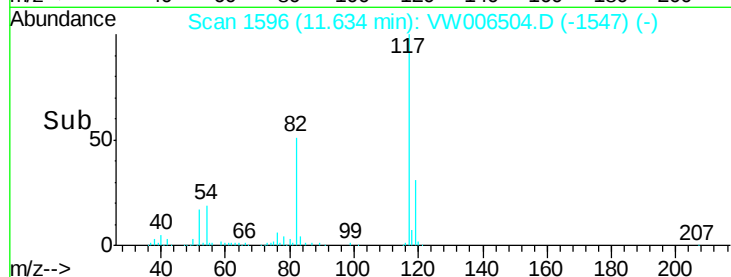
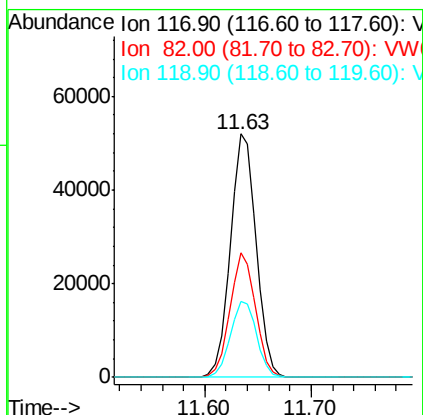
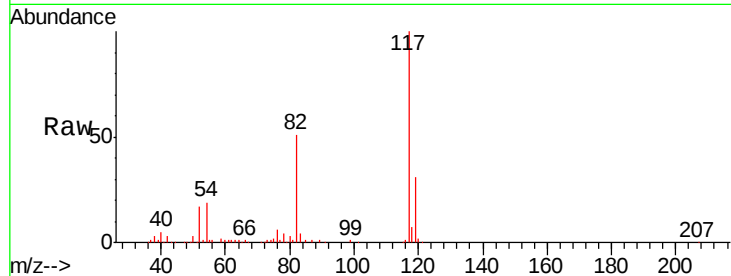




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006504.D
Acq: 30 Oct 2018 16:18

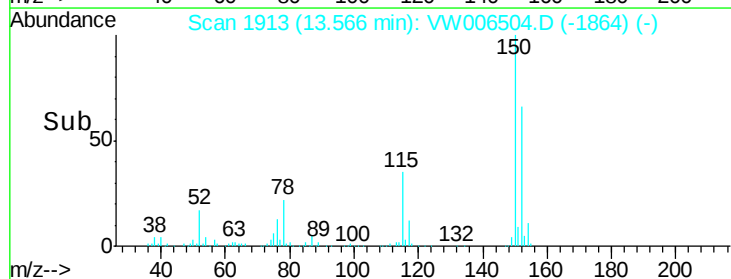
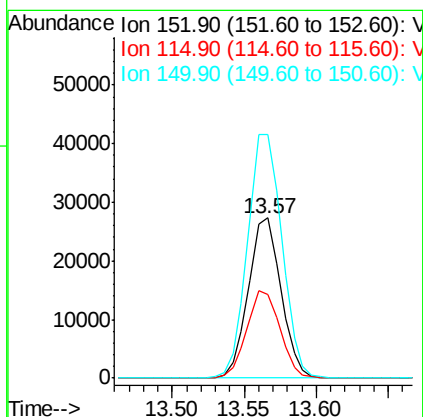
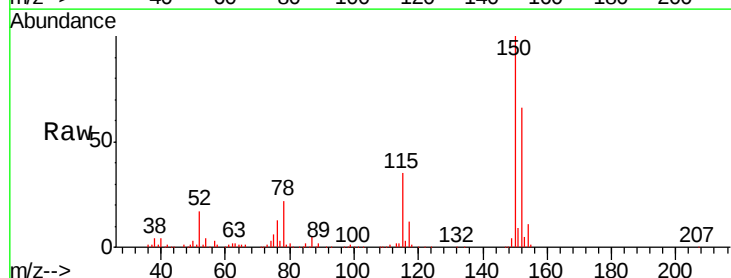
Instrument :
MSVOA_W
ClientSampleId :
SB-5RE

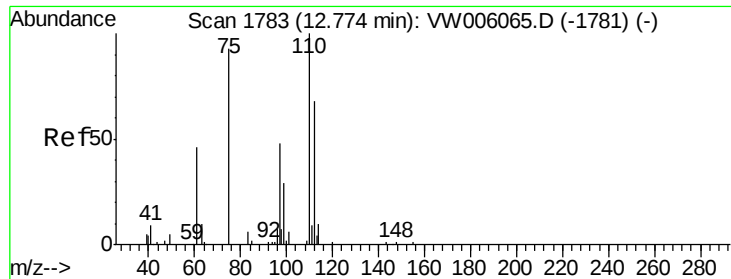
Tgt Ion:117 Resp: 88441
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006504.D
Acq: 30 Oct 2018 16:18

Tgt Ion:152 Resp: 42928
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 159.9 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 61.16 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Instrument :

MSVOA_W

ClientSampled :

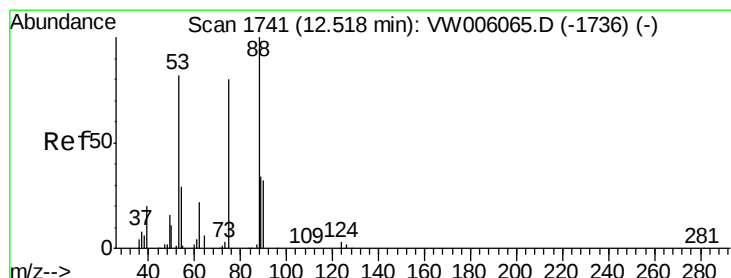
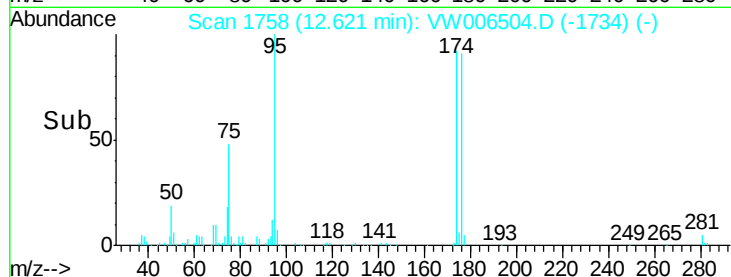
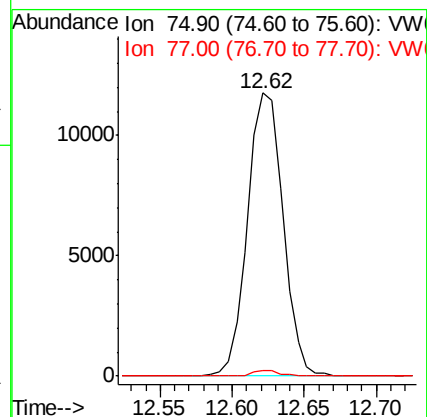
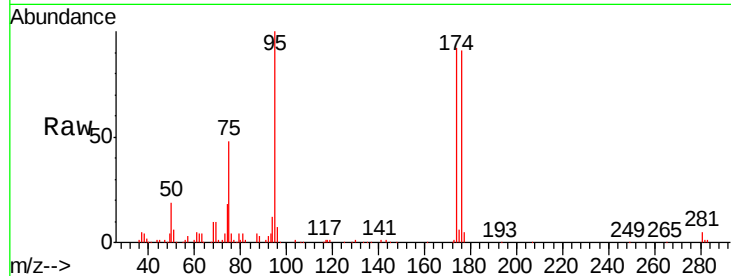
SB-5RE

Tgt Ion: 75 Resp: 20053

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.19 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006504.D

Acq: 30 Oct 2018 16:18

Tgt Ion: 75 Resp: 20053

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

