

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
 Data File : VW006531.D
 Acq On : 31 Oct 2018 17:28
 Operator : SY/AP
 Sample : J5675-01RE
 Misc : 5.21G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

Quant Time: Oct 31 17:56:06 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	199017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153900	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	120410	72.98	ug/l	0.00
Spiked Amount			Recovery	=	145.96%	
35) Dibromofluoromethane	7.89	113	113156	62.53	ug/l	0.00
Spiked Amount			Recovery	=	125.06%	
50) Toluene-d8	10.33	98	398539	57.89	ug/l	0.00
Spiked Amount			Recovery	=	115.78%	
62) 4-Bromofluorobenzene	12.62	95	149145	57.68	ug/l	0.00
Spiked Amount			Recovery	=	115.36%	

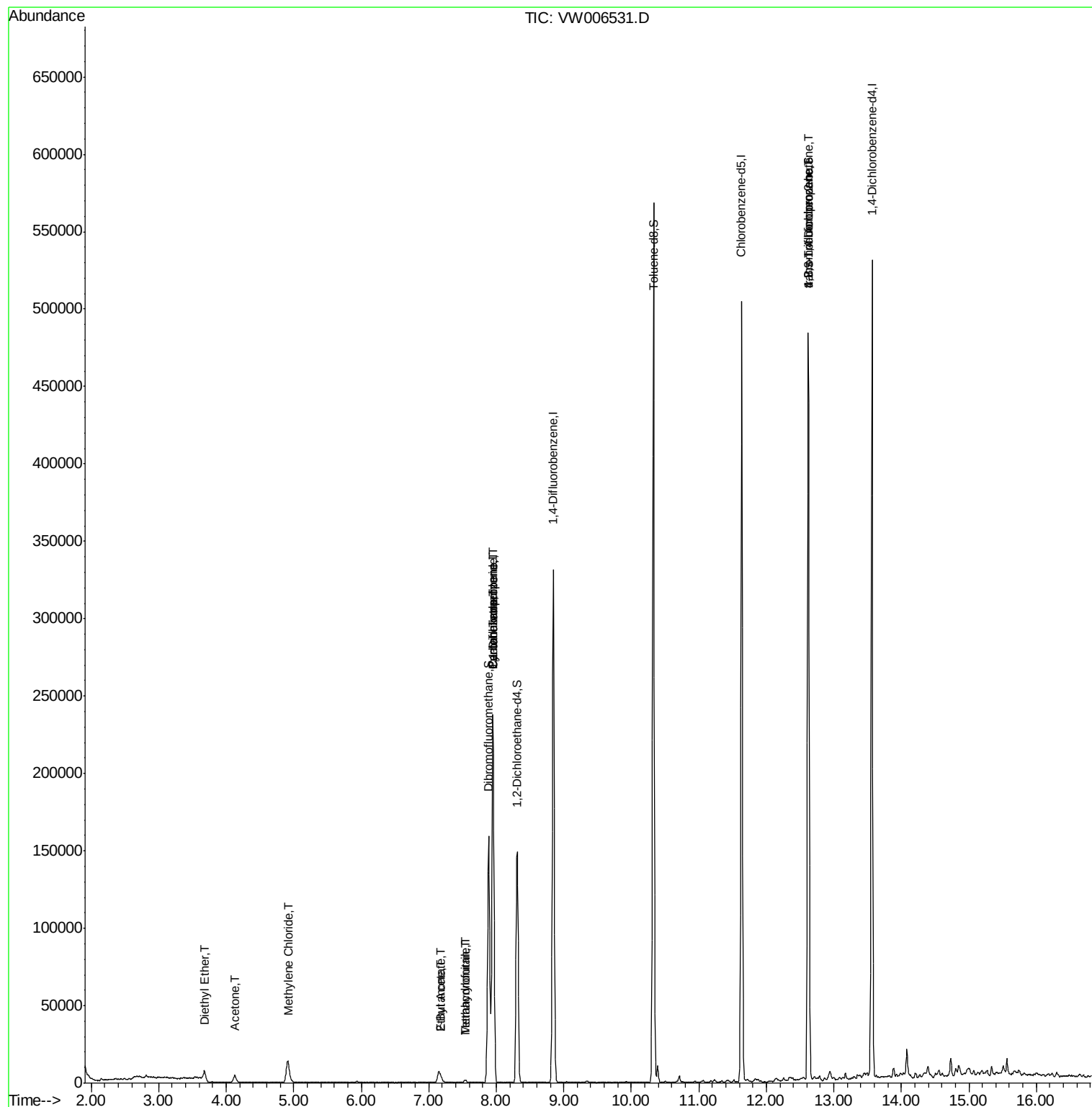
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	3799	4.24	ug/l	97
16) Acetone	4.12	43	8474	13.36	ug/l	90
20) Methylene Chloride	4.92	84	13040	6.04	ug/l	94
25) 2-Butanone	7.18	43	4585	10.29	ug/l	97
29) Tetrahydrofuran	7.54	42	1354	4.94	ug/l	96
31) Cyclohexane	7.95	56	3089	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12089	4.28	ug/l #	49
37) Ethyl Acetate	7.18	43	4585	4.37	ug/l #	67
38) Carbon Tetrachloride	7.95	117	17295	5.59	ug/l #	16
41) Methacrylonitrile	7.54	41	990	1.57	ug/l #	43
76) 1,2,3-Trichloropropane	12.62	75	71189	60.56	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71189	144.76	ug/l #	10

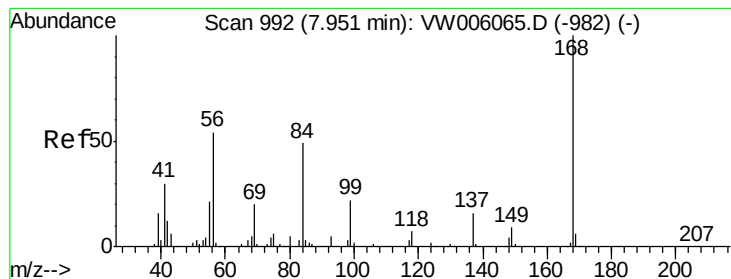
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampled :

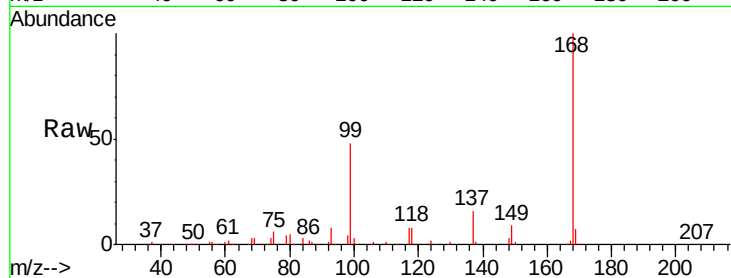
TP-5RE

Tgt Ion:168 Resp: 199017

Ion Ratio Lower Upper

168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

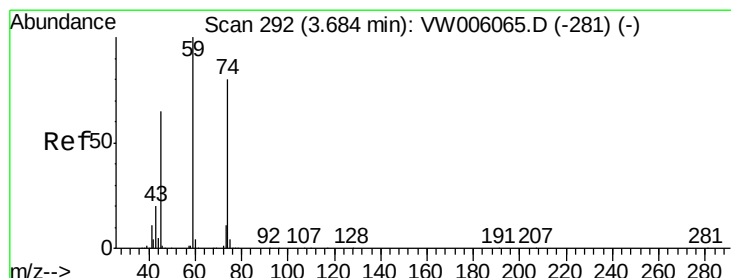
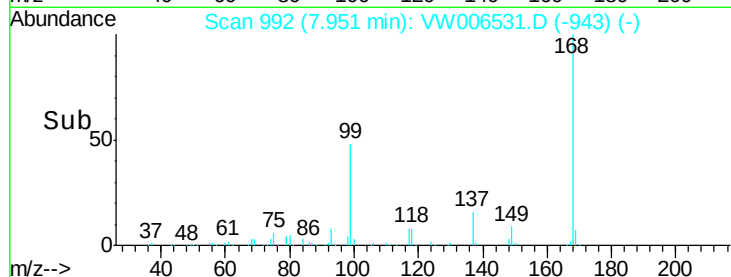
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 4.24 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006531.D

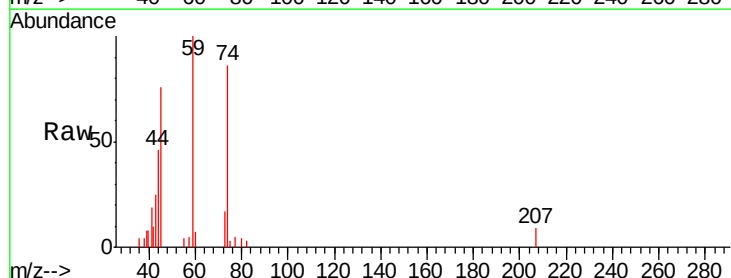
Acq: 31 Oct 2018 17:28

Tgt Ion: 74 Resp: 3799

Ion Ratio Lower Upper

74 100

45 88.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

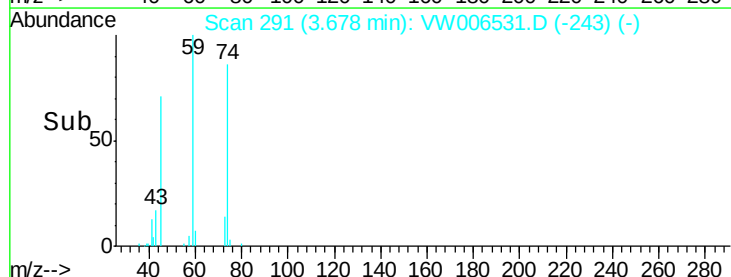
1500

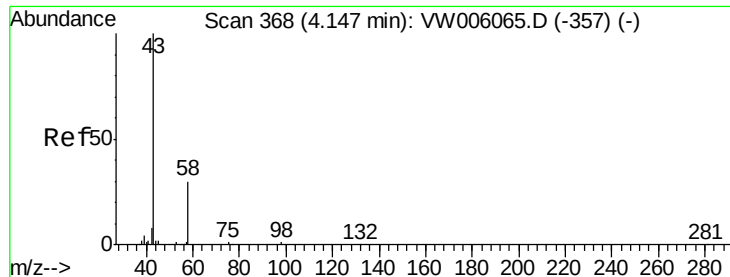
1000

500

0

Time-->





#16

Acetone

Concen: 13.36 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampled :

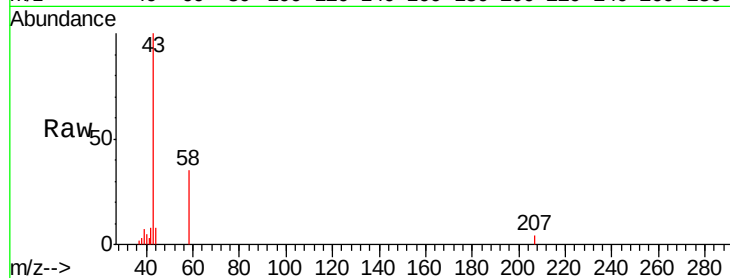
TP-5RE

Tgt Ion: 43 Resp: 8474

Ion Ratio Lower Upper

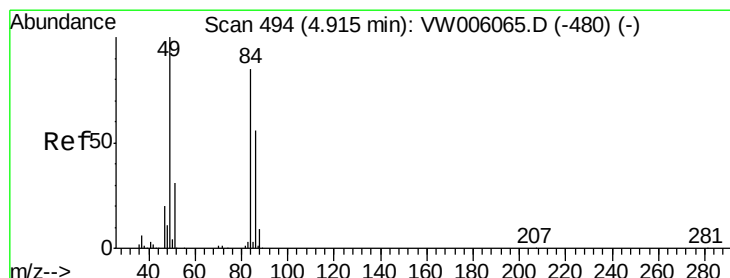
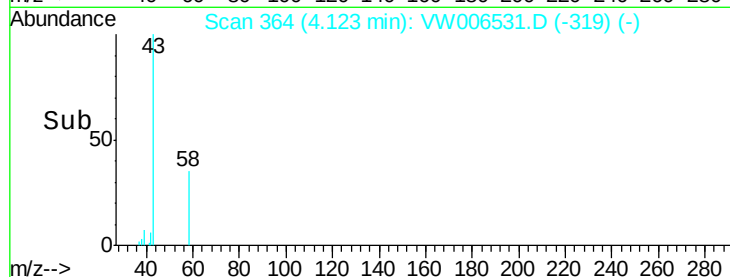
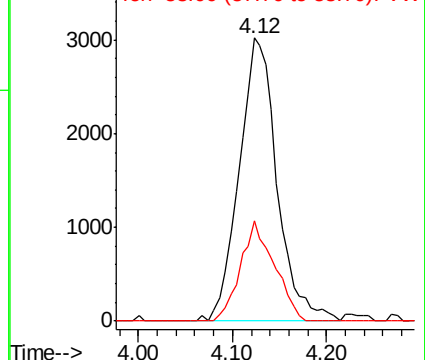
43 100

58 35.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 6.04 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Tgt Ion: 84 Resp: 13040

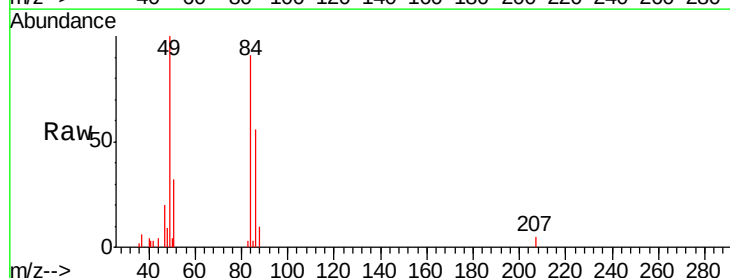
Ion Ratio Lower Upper

84 100

49 109.9 93.6 140.4

51 34.7 29.0 43.4

86 61.1 52.6 79.0

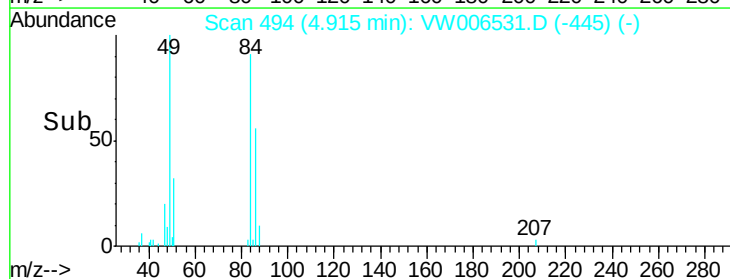
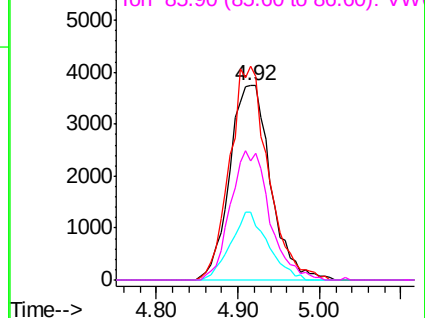


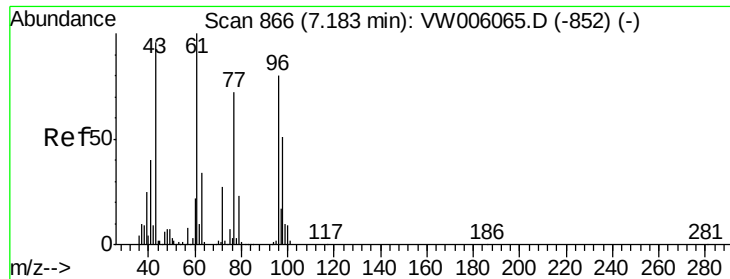
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 10.29 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampled :

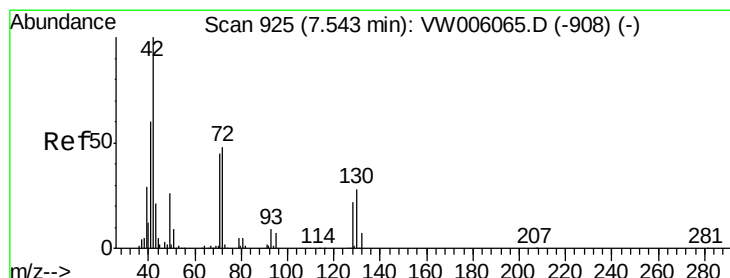
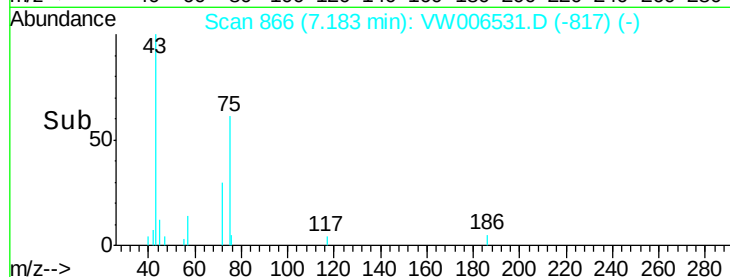
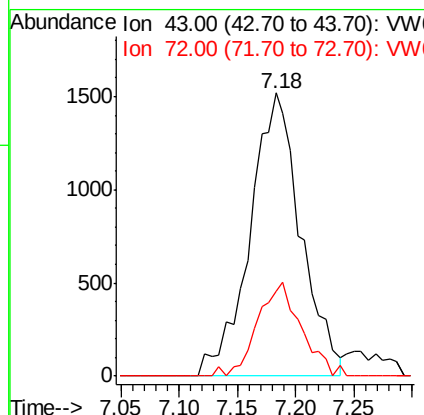
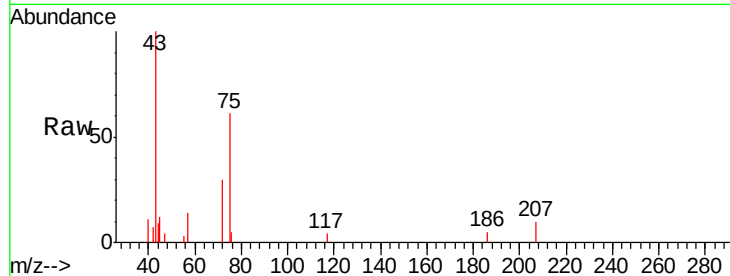
TP-5RE

Tgt Ion: 43 Resp: 4585

Ion Ratio Lower Upper

43 100

72 30.0 22.8 34.2



#29

Tetrahydrofuran

Concen: 4.94 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

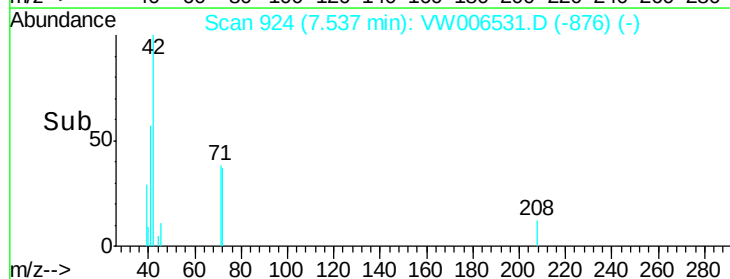
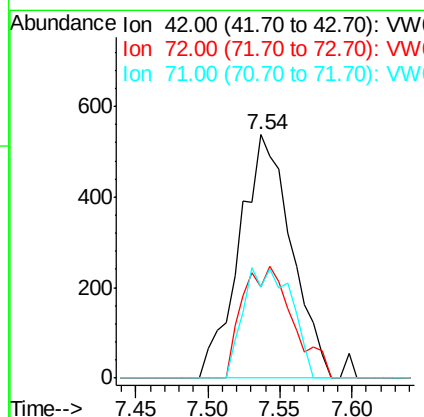
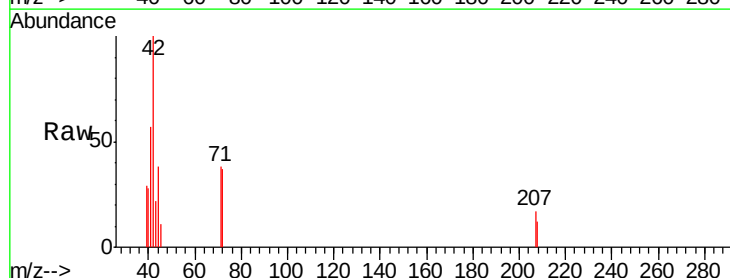
Tgt Ion: 42 Resp: 1354

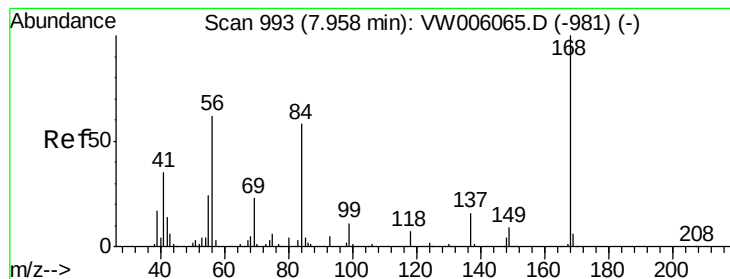
Ion Ratio Lower Upper

42 100

72 44.5 38.0 57.0

71 41.7 35.3 52.9





#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

TP-5RE

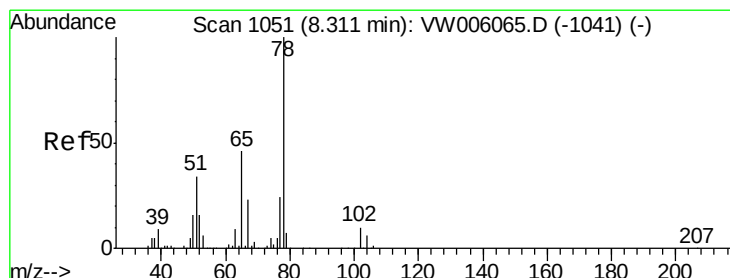
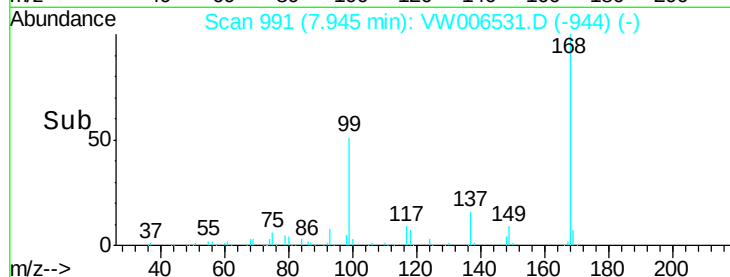
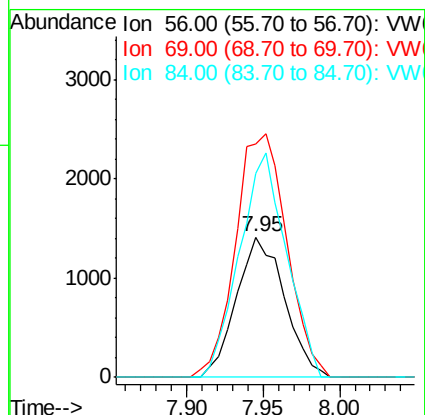
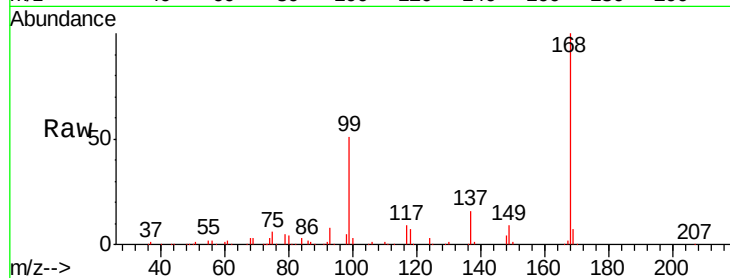
Tgt Ion: 56 Resp: 3089

Ion Ratio Lower Upper

56 100

69 165.9 29.4 44.0#

84 145.3 74.0 111.0#



#33

1,2-Dichloroethane-d4

Concen: 72.98 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006531.D

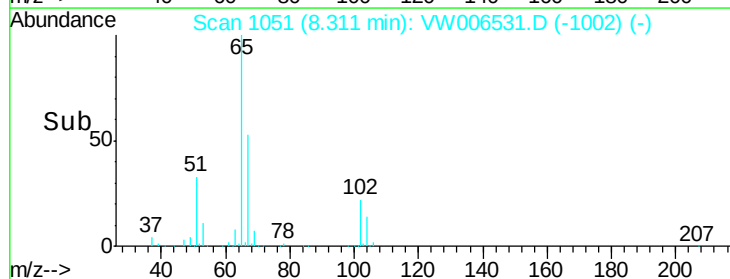
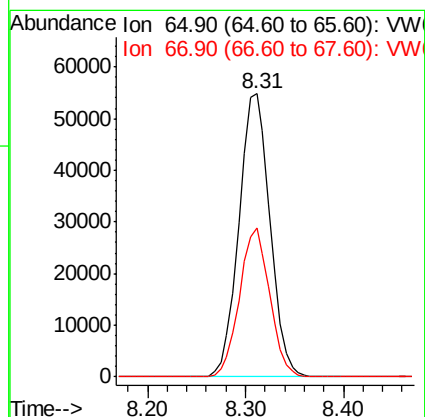
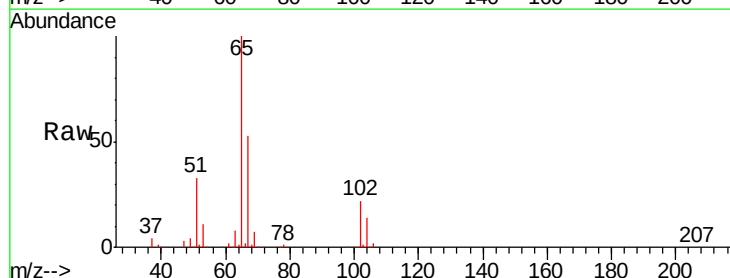
Acq: 31 Oct 2018 17:28

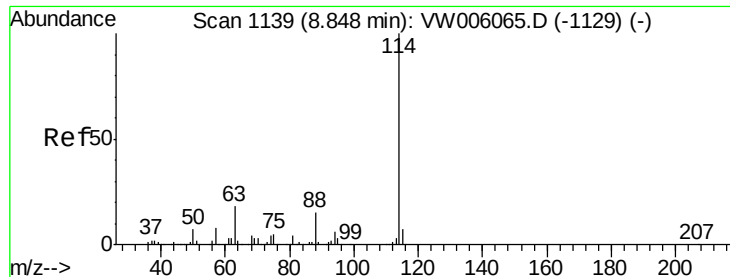
Tgt Ion: 65 Resp: 120410

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.0

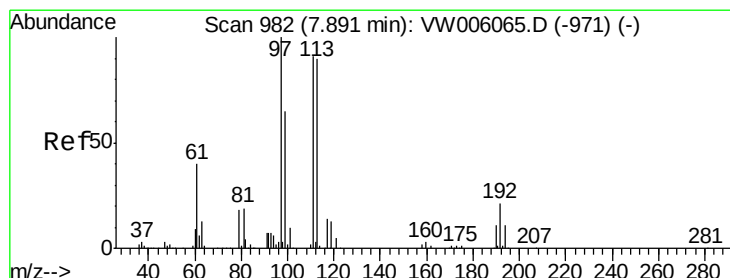
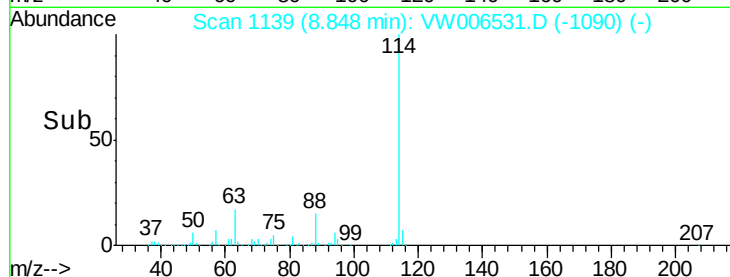
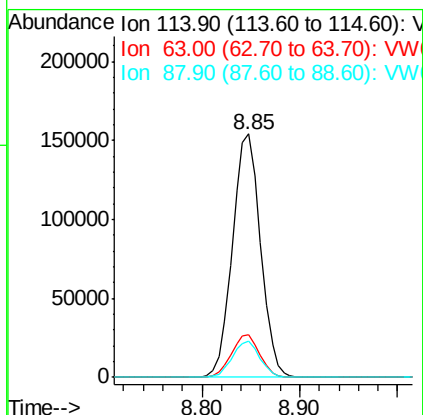
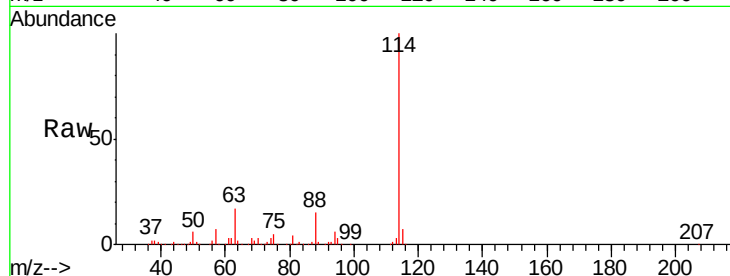




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006531.D
 Acq: 31 Oct 2018 17:28

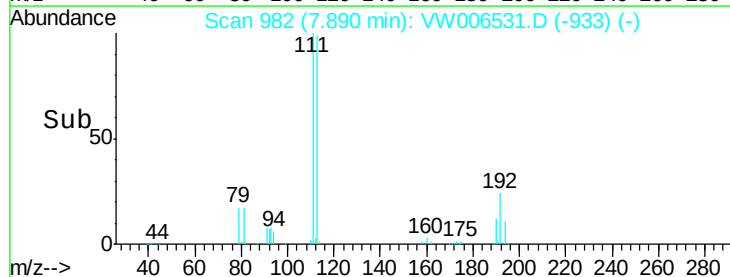
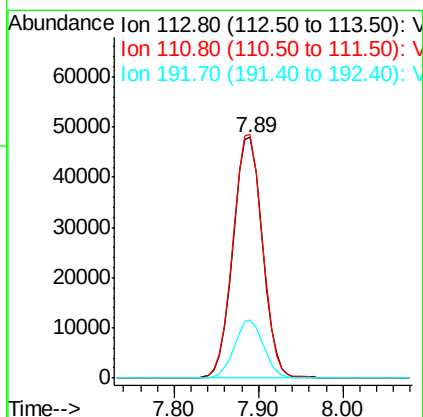
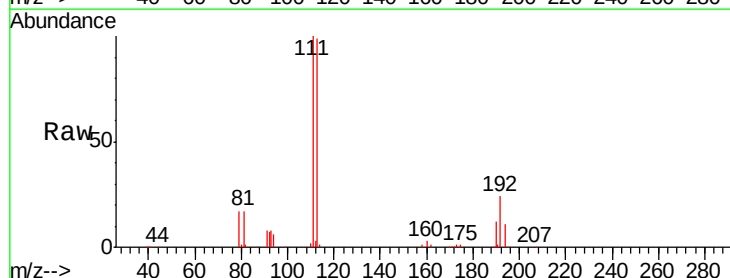
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5RE

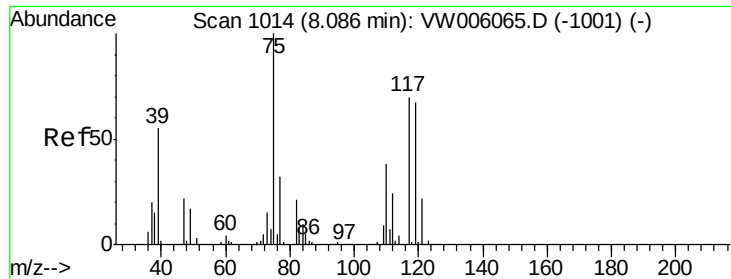
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.7	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 62.53 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006531.D
 Acq: 31 Oct 2018 17:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.0
192	23.7	18.7	28.1





#36

1,1-Dichloropropene

Concen: 4.28 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

TP-5RE

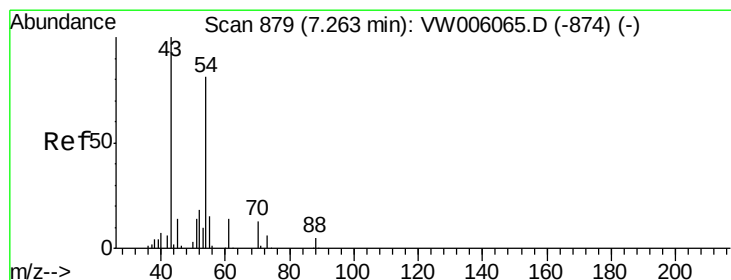
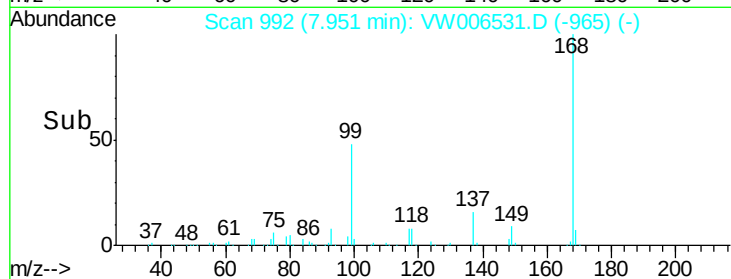
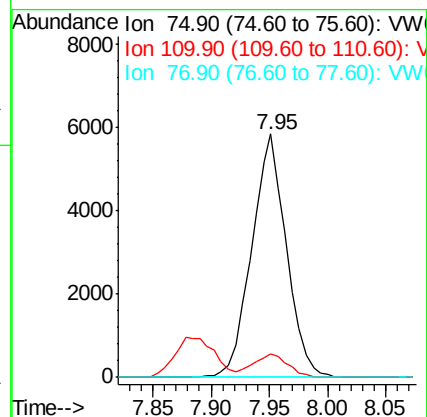
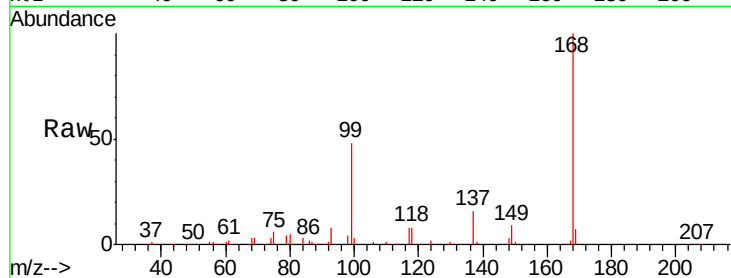
Tgt Ion: 75 Resp: 12089

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.1#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 4.37 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.08 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

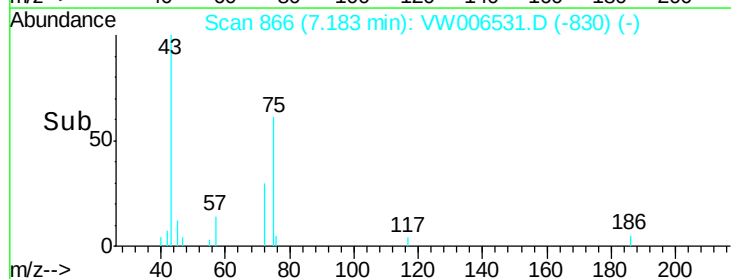
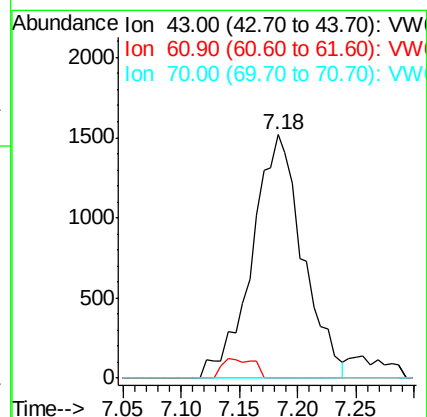
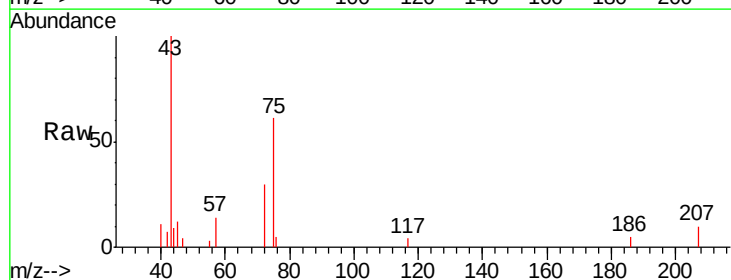
Tgt Ion: 43 Resp: 4585

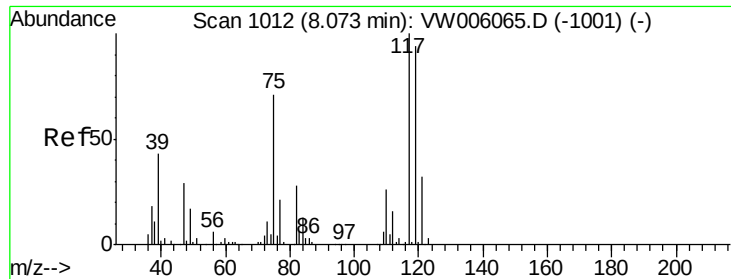
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 5.59 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampled :

TP-5RE

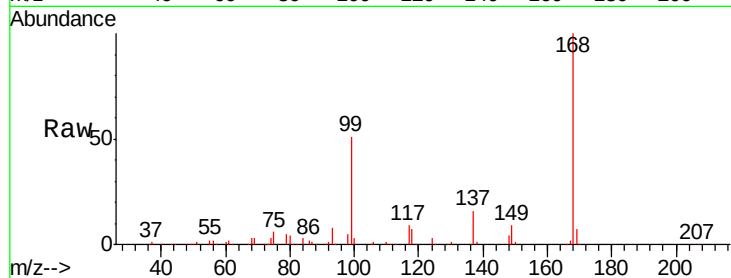
Tgt Ion: 117 Resp: 17295

Ion Ratio Lower Upper

117 100

119 3.8 75.2 112.8#

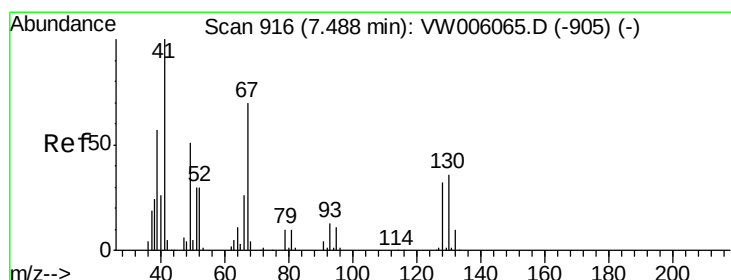
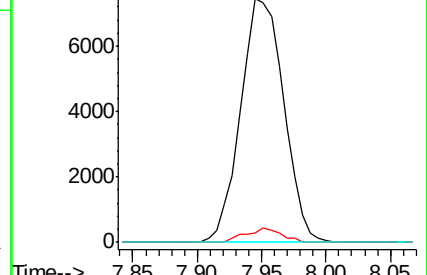
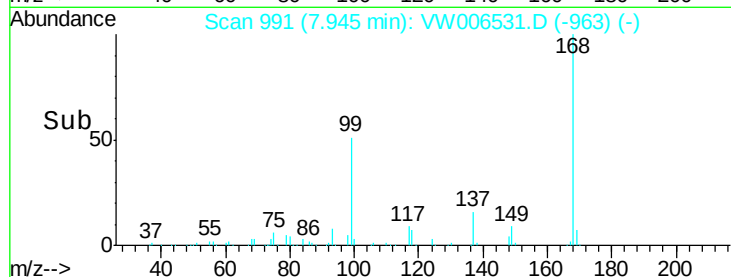
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 1.57 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Tgt Ion: 41 Resp: 990

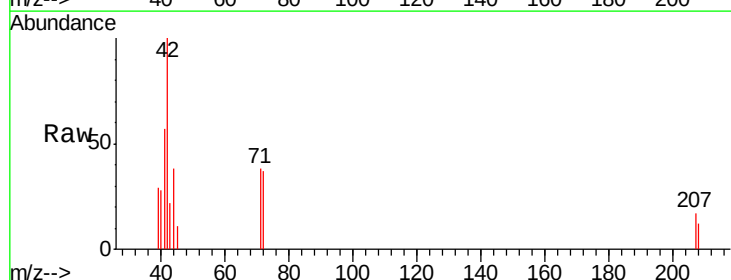
Ion Ratio Lower Upper

41 100

39 42.6 46.2 69.4#

67 0.0 57.7 86.5#

52 0.0 24.7 37.1#

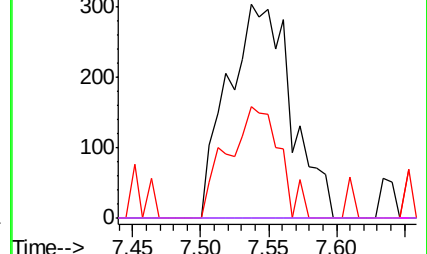
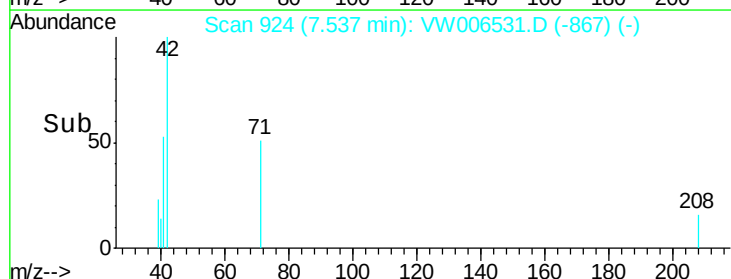


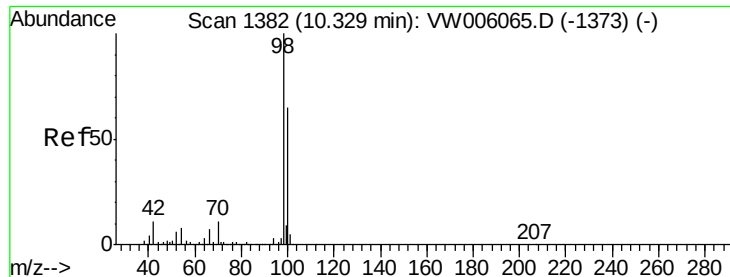
Abundance Ion 41.00 (40.70 to 41.70): VV

Ion 39.00 (38.70 to 39.70): VV

Ion 67.00 (66.70 to 67.70): VV

Ion 52.00 (51.70 to 52.70): VV





#50

Toluene-d8

Concen: 57.89 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

Instrument :

MSVOA_W

ClientSampled :

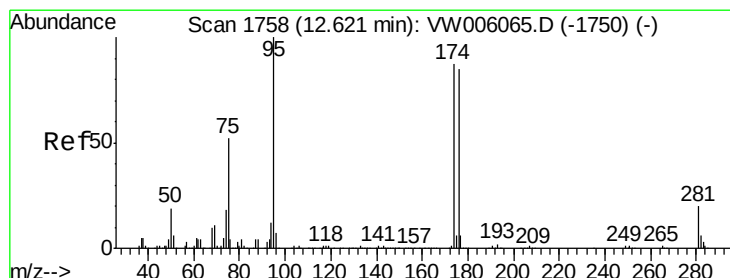
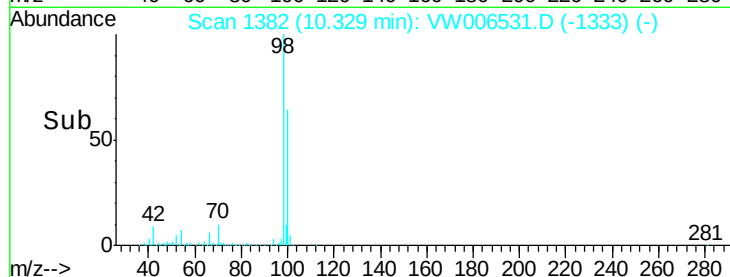
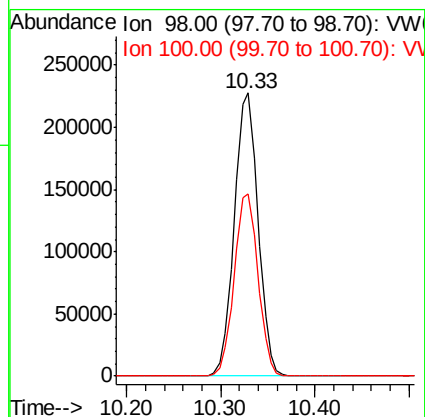
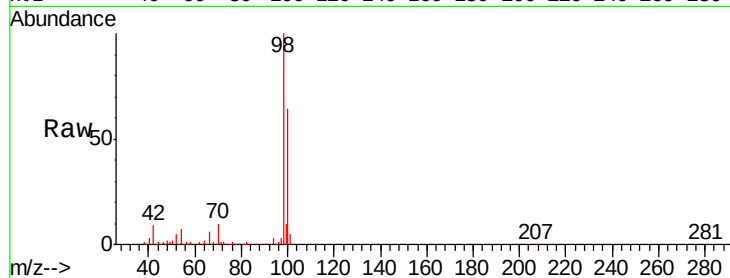
TP-5RE

Tgt Ion: 98 Resp: 398539

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 57.68 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006531.D

Acq: 31 Oct 2018 17:28

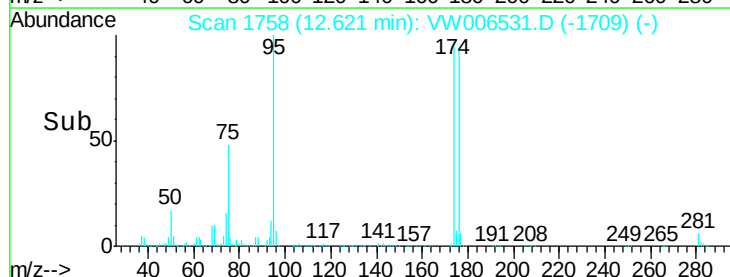
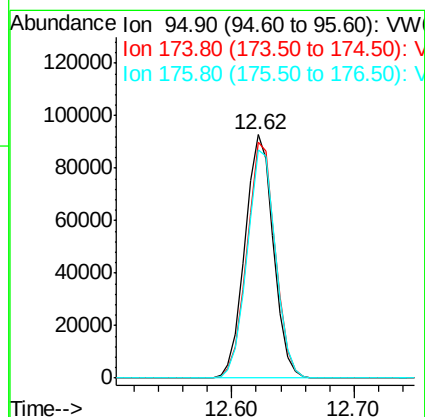
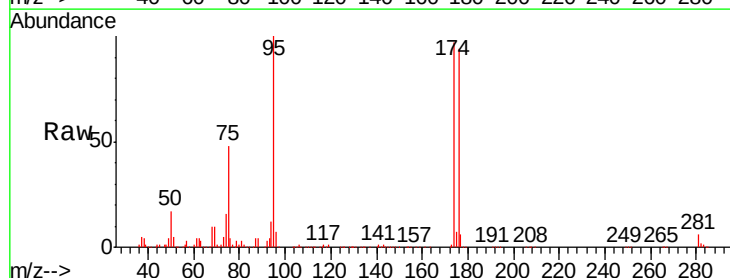
Tgt Ion: 95 Resp: 149145

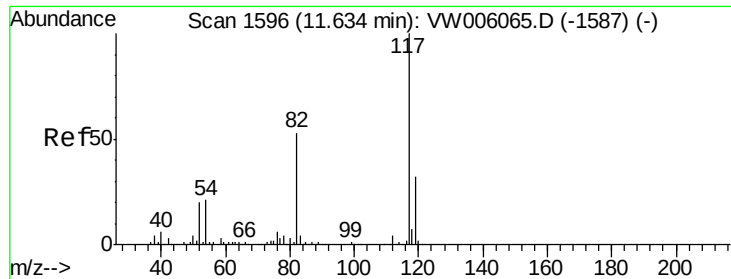
Ion Ratio Lower Upper

95 100

174 96.8 0.0 186.0

176 94.4 0.0 181.6

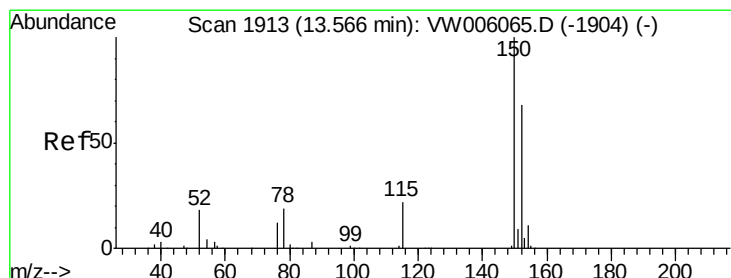
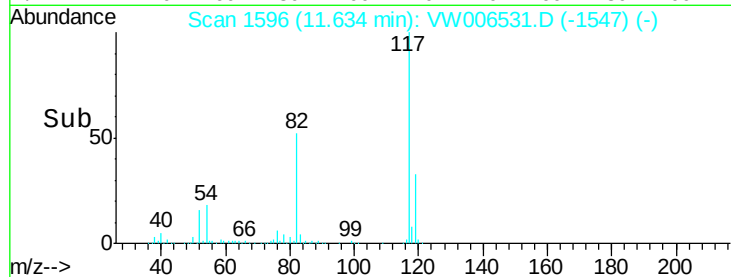
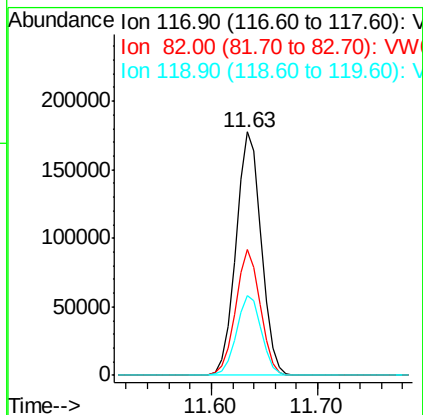
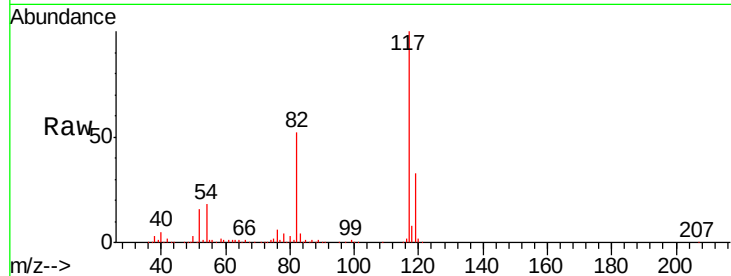




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006531.D
Acq: 31 Oct 2018 17:28

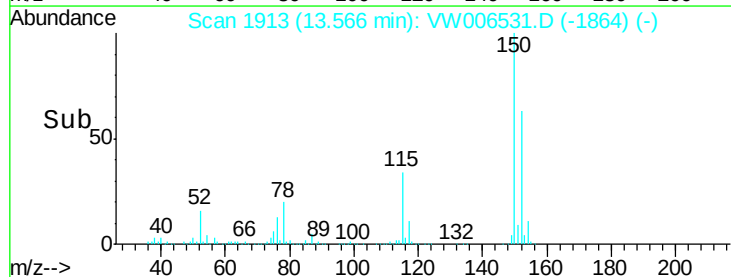
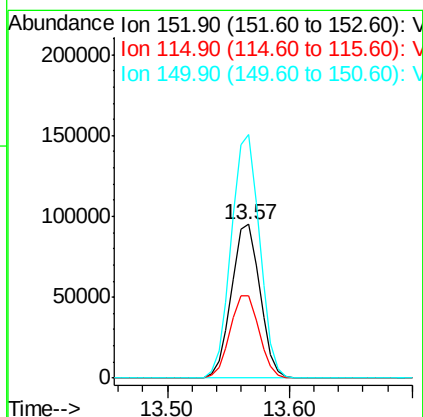
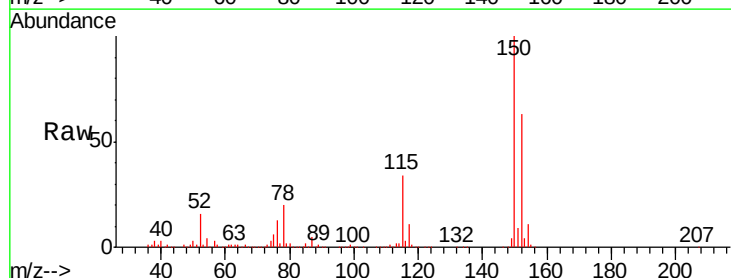
Instrument :
MSVOA_W
ClientSampleId :
TP-5RE

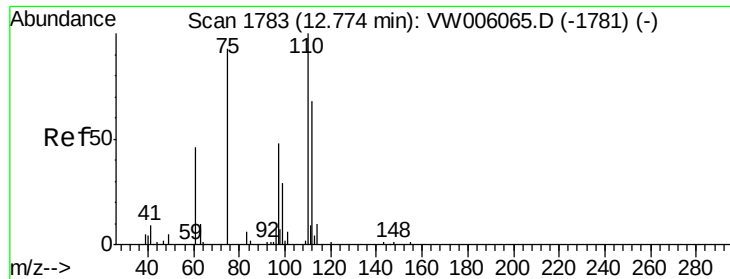
Tgt Ion:117 Resp: 294789
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006531.D
Acq: 31 Oct 2018 17:28

Tgt Ion:152 Resp: 153900
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 156.9 0.0 349.2

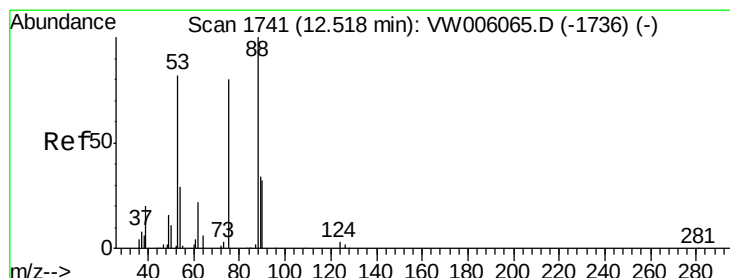
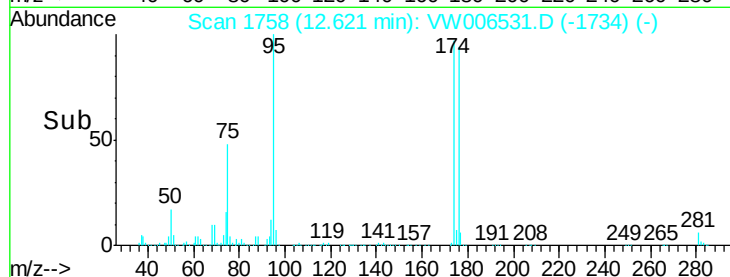
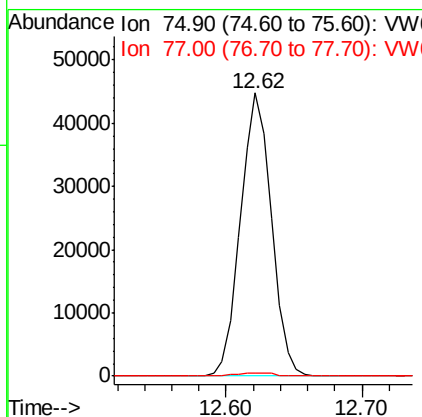
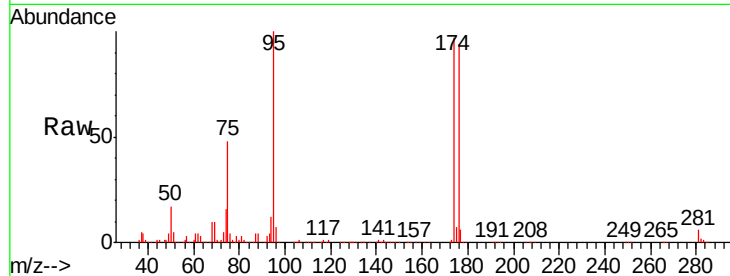




#76
 1,2,3-Trichloropropane
 Concen: 60.56 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006531.D
 Acq: 31 Oct 2018 17:28

Instrument :
 MSVOA_W
 ClientSampled :
 TP-5RE

Tgt Ion: 75 Resp: 71189
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.76 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006531.D
 Acq: 31 Oct 2018 17:28

Tgt Ion: 75 Resp: 71189
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 37.5 56.3#

