

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006231.D
 Acq On : 19 Oct 2018 17:55
 Operator : VA/AP
 Sample : J5605-07
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-B

Quant Time: Oct 20 01:20:38 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	232810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	129584	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	106976	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	
35) Dibromofluoromethane	7.89	113	103478	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	10.33	98	375455	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.62	95	125573	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

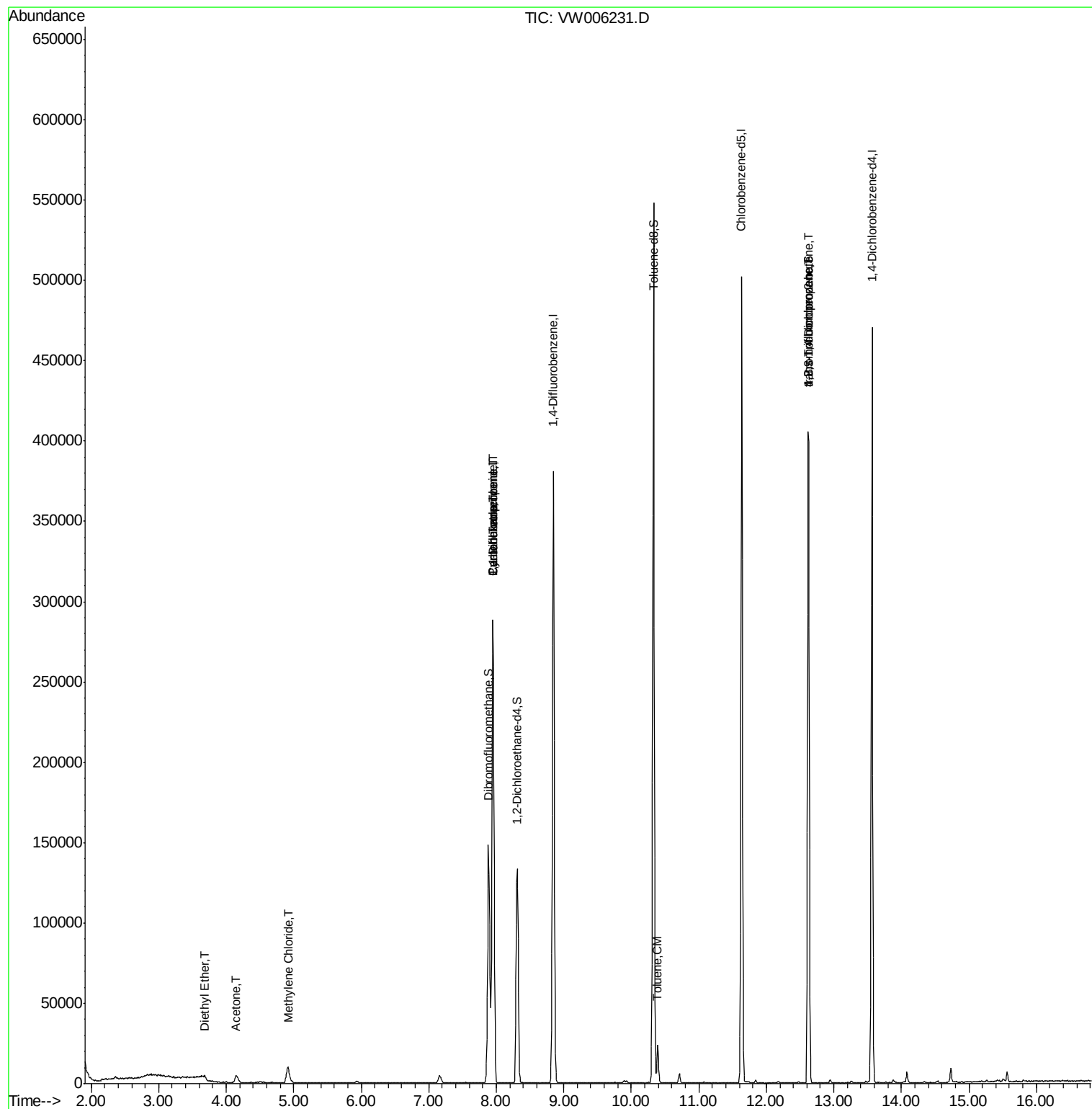
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1746	1.665	ug/l	55
16) Acetone	4.15	43	9453	12.013	ug/l	96
20) Methylene Chloride	4.91	84	8593	2.667	ug/l	98
31) Cyclohexane	7.95	56	4405	1.247	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	15412	5.015	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20905	6.205	ug/l #	17
52) Toluene	10.39	92	9923	1.756	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	64383	65.049	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64383	155.492	ug/l #	10

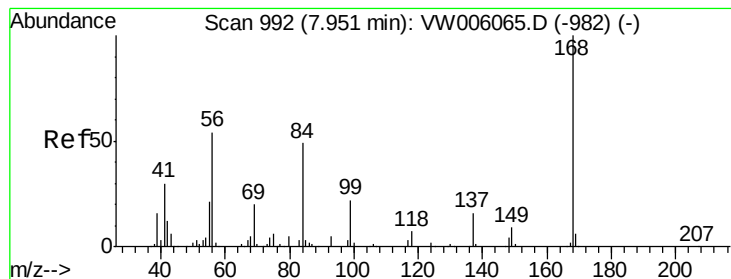
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 01:20:38 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006231.D

Acq: 19 Oct 2018 17:55

Instrument :

MSVOA_W

ClientSampled :

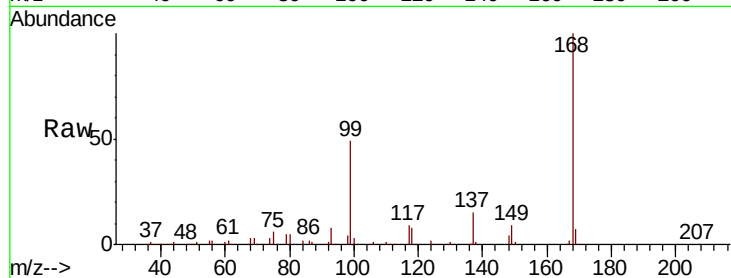
TP-B

Tot Ion:168 Resp: 232810

Ion Ratio Lower Upper

168 100

99 49.5 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

120000

100000

80000

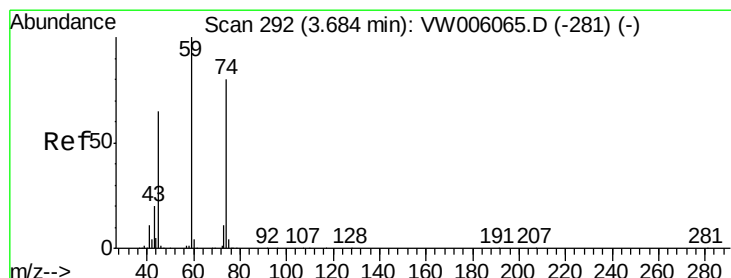
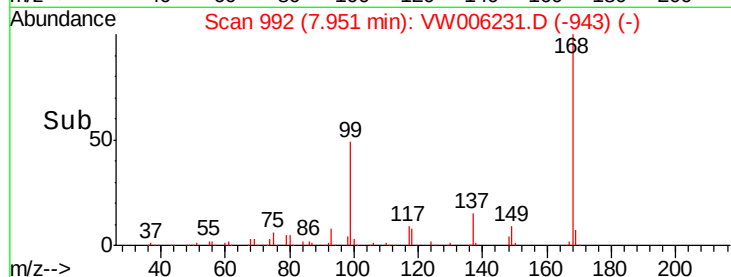
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.665 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006231.D

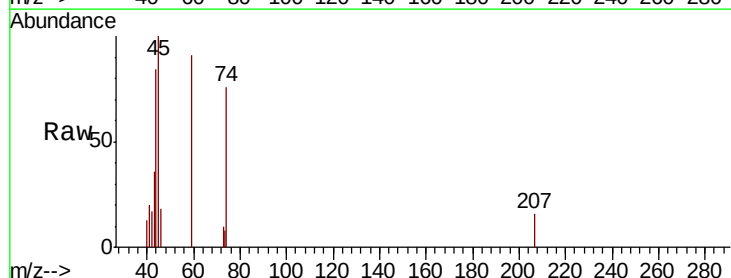
Acq: 19 Oct 2018 17:55

Tgt Ion: 74 Resp: 1746

Ion Ratio Lower Upper

74 100

45 126.9 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

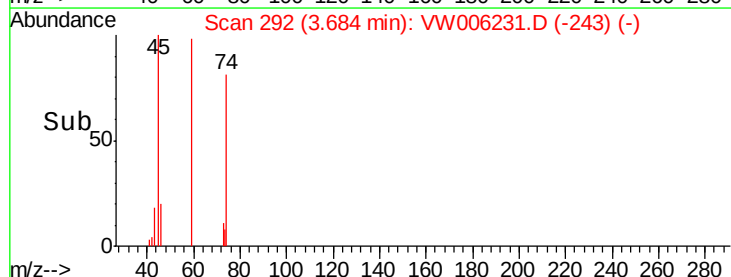
600

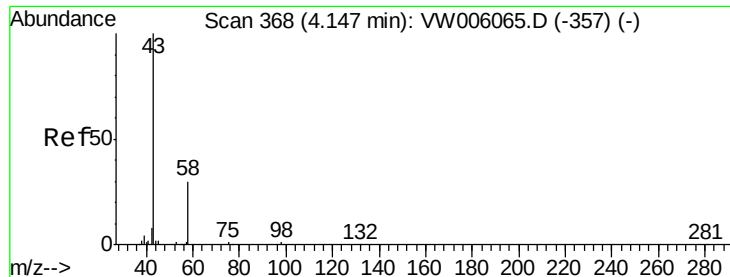
400

200

0

Time-->





#16

Acetone

Concen: 12.013 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006231.D

Acq: 19 Oct 2018 17:55

Instrument :

MSVOA_W

ClientSampleId :

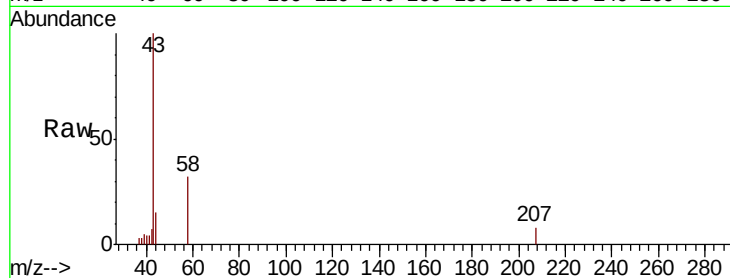
TP-B

Tot Ion: 43 Resp: 9453

Ion Ratio Lower Upper

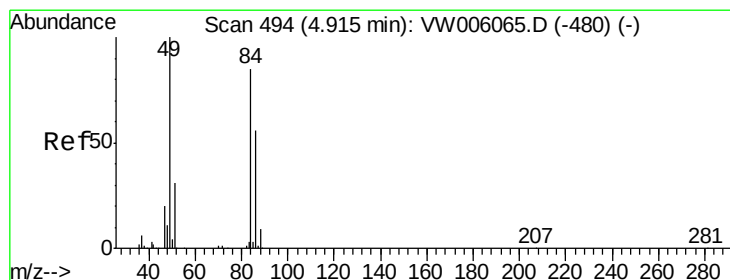
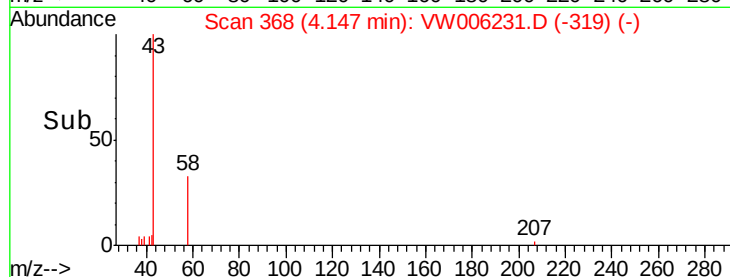
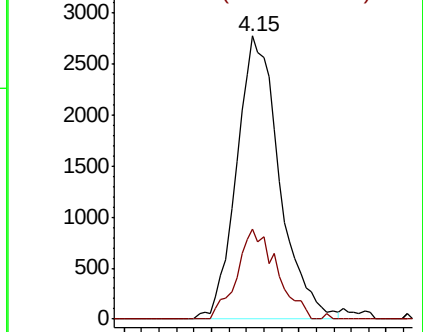
43 100

58 31.9 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: 2.667 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006231.D

Acq: 19 Oct 2018 17:55

Tgt Ion: 84 Resp: 8593

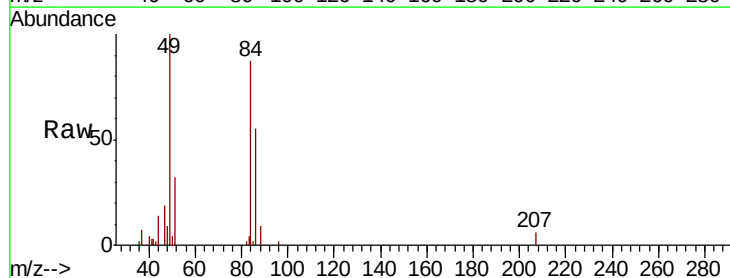
Ion Ratio Lower Upper

84 100

49 114.6 93.6 140.4

51 36.5 29.0 43.4

86 62.7 52.6 79.0

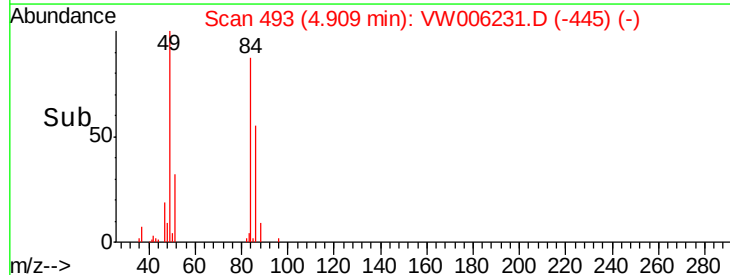
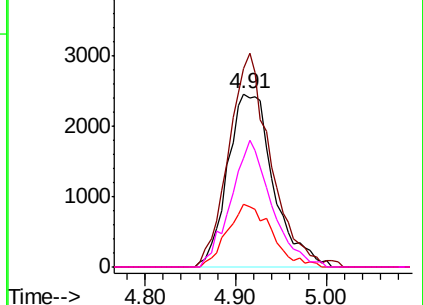


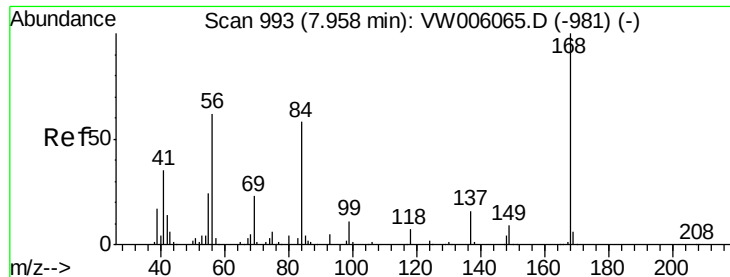
Abundance Ion 83.90 (83.60 to 84.60): VW

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

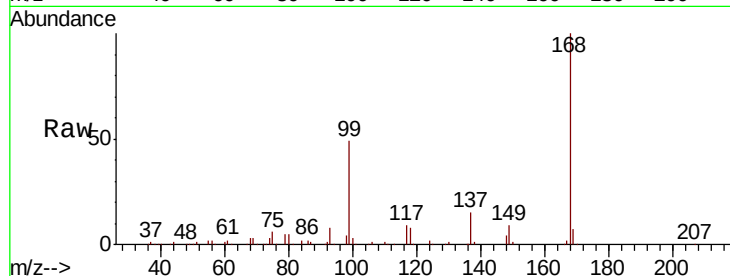




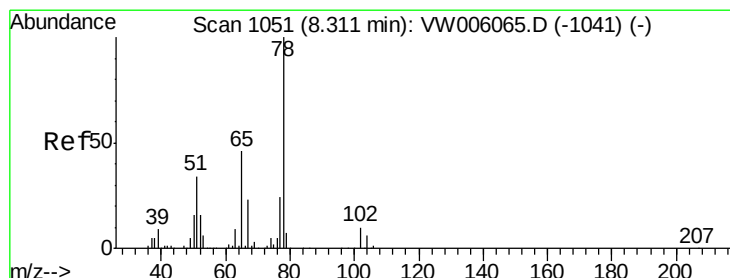
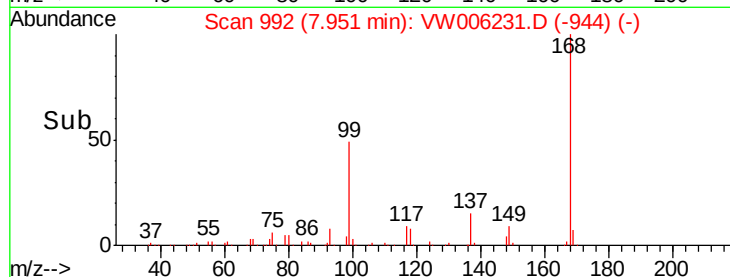
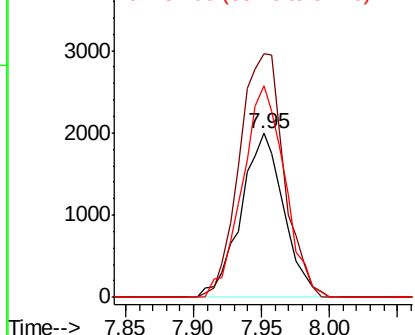
#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampled :
TP-B

Tot Ion: 56 Resp: 4405
Ion Ratio Lower Upper
56 100
69 148.3 29.4 44.0#
84 128.6 74.0 111.0#

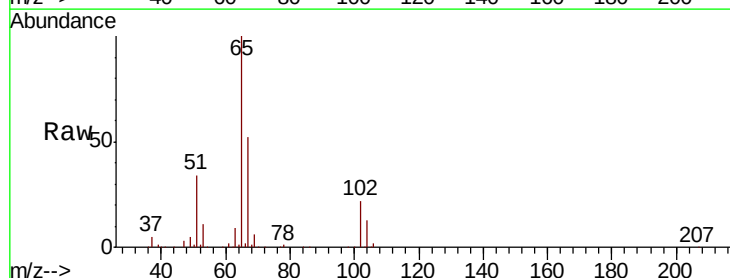


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

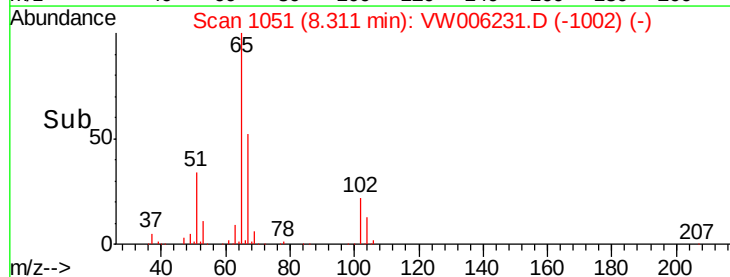
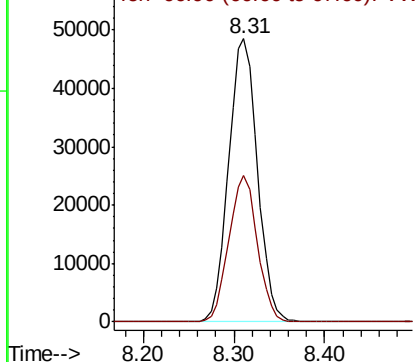


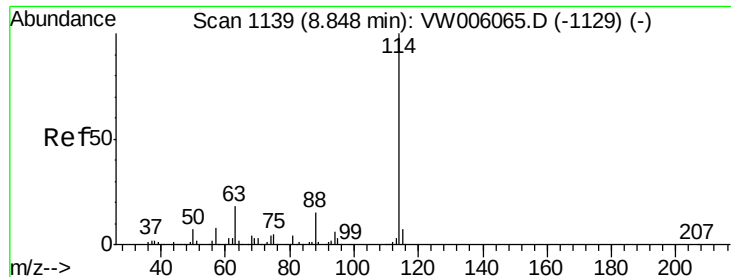
#33
1,2-Dichloroethane-d4
Concen: 55.424 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

Tgt Ion: 65 Resp: 106976
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.0



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006231.D

Acq: 19 Oct 2018 17:55

Instrument :

MSVOA_W

ClientSampled :

TP-B

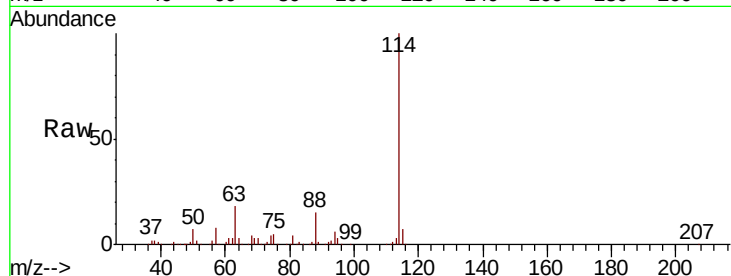
Tot Ion:114 Resp: 333441

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

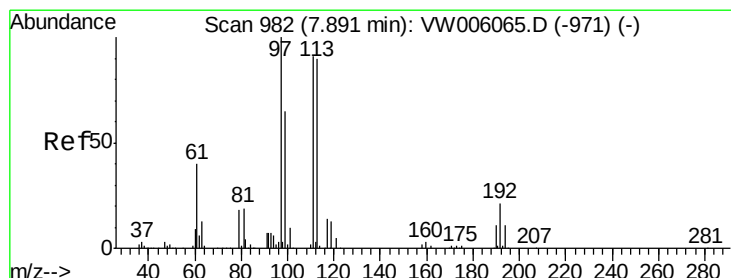
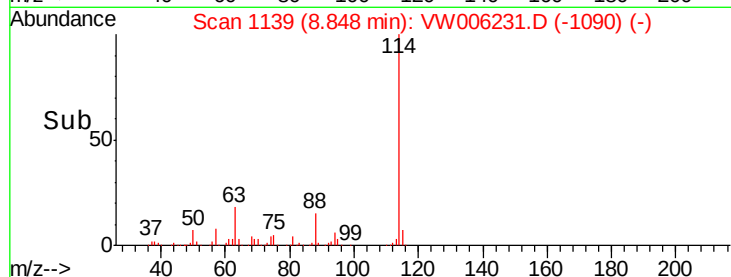
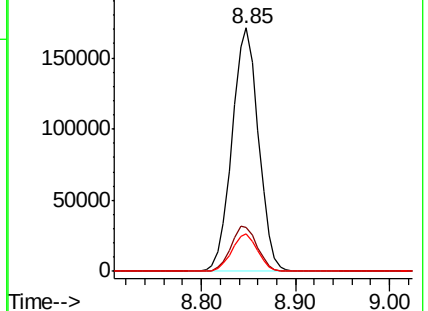
88 15.4 0.0 29.0



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: 52.519 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006231.D

Acq: 19 Oct 2018 17:55

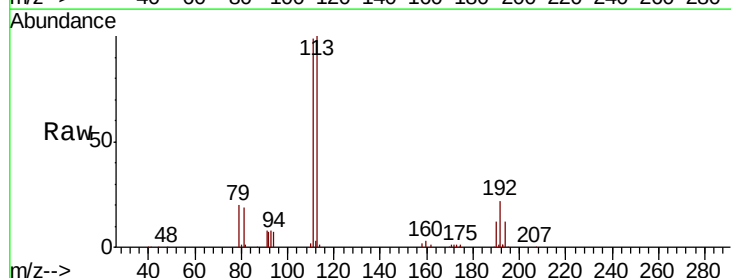
Tgt Ion:113 Resp: 103478

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

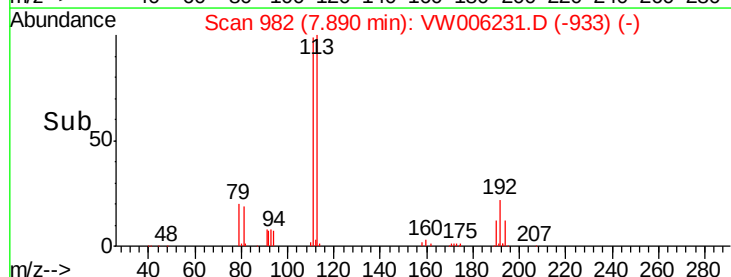
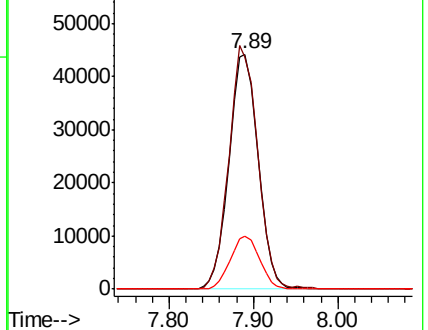
192 22.8 18.7 28.1

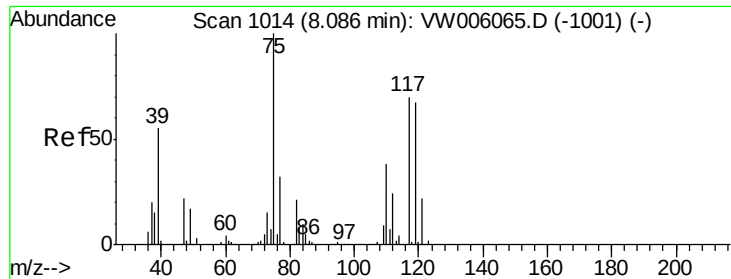


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

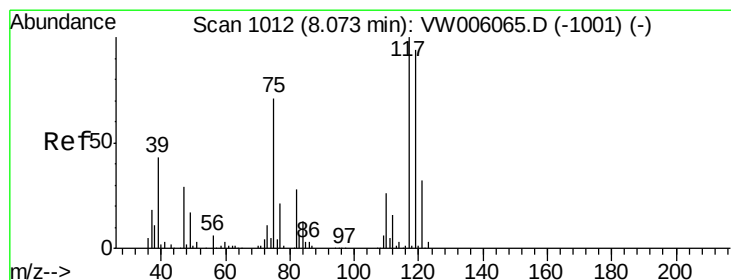
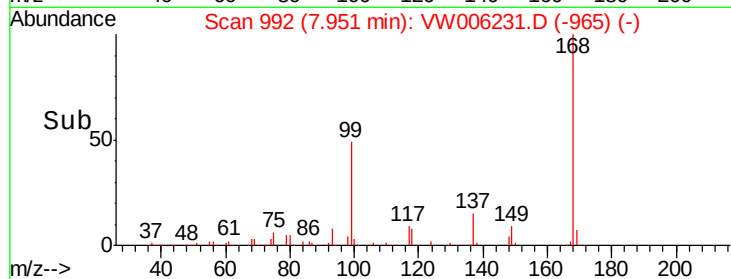
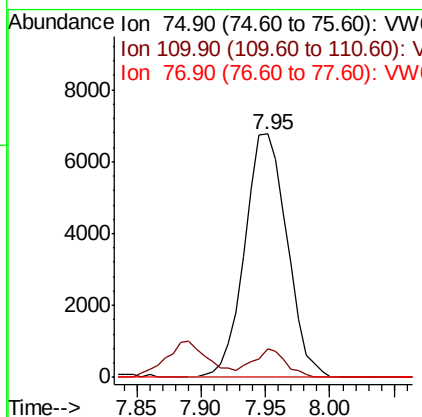
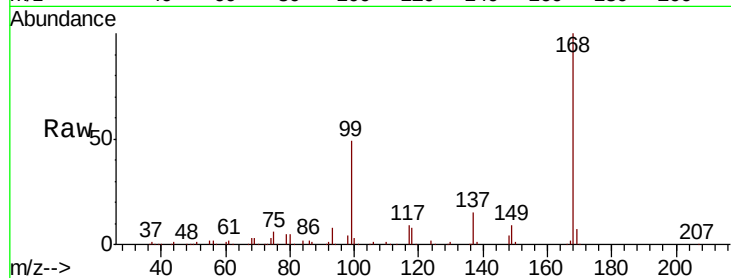




#36
 1,1-Dichloropropene
 Concen: 5.015 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006231.D
 Acq: 19 Oct 2018 17:55

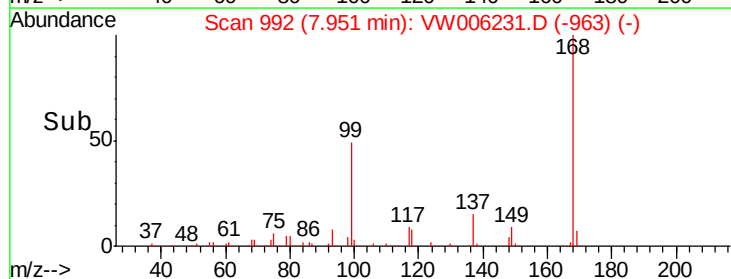
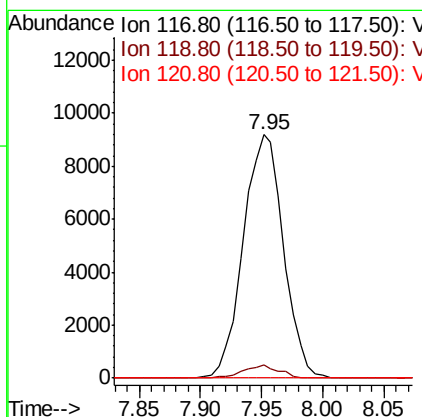
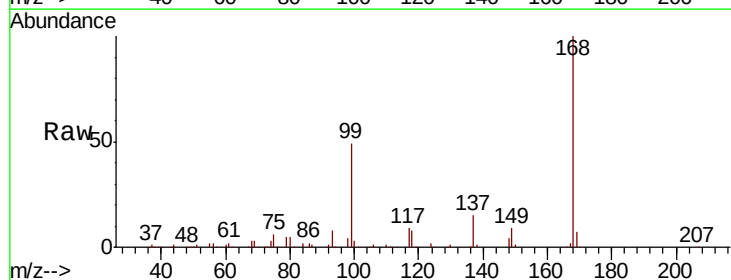
Instrument :
 MSVOA_W
 ClientSampled :
 TP-B

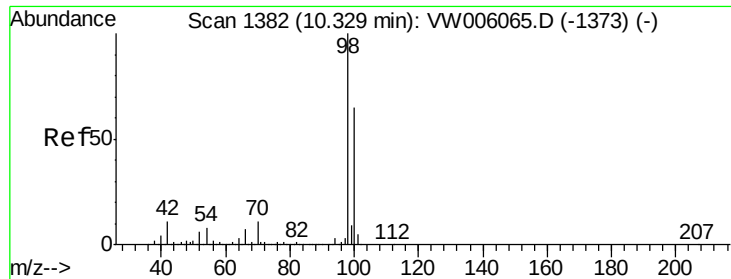
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.205 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006231.D
 Acq: 19 Oct 2018 17:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.2	112.8#
121	0.0	25.3	37.9#

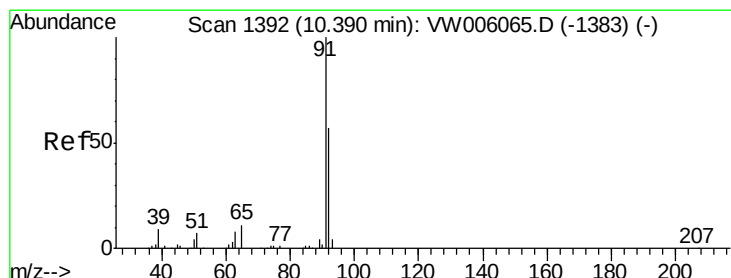
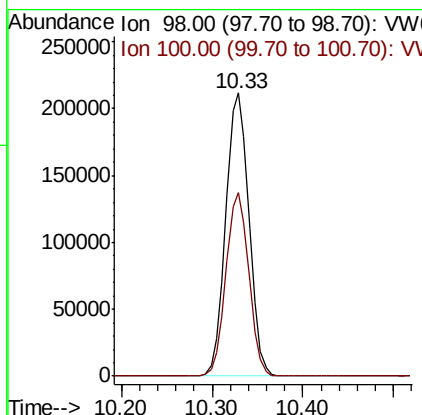
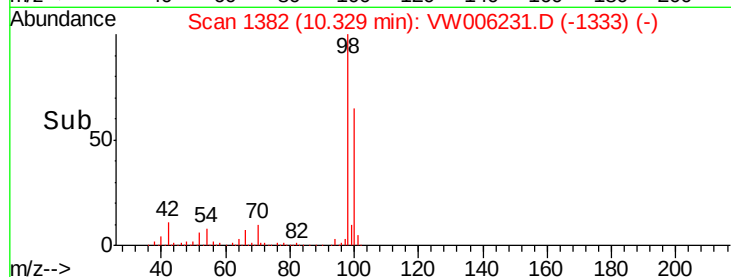
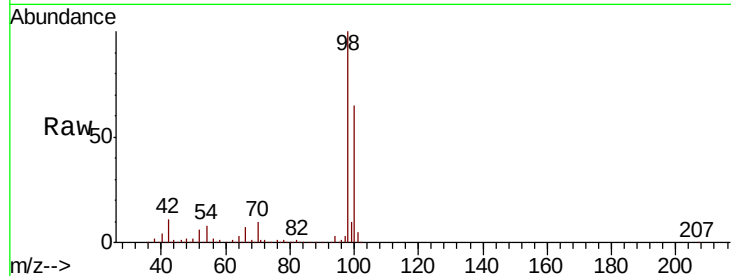




#50
Toluene-d8
Concen: 50.088 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

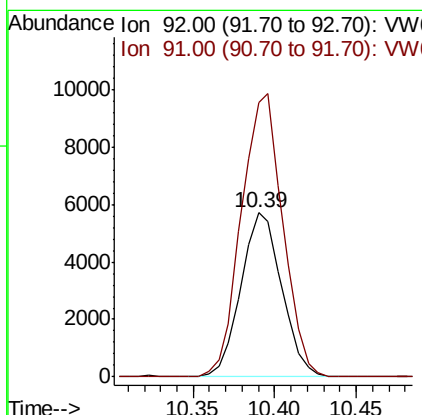
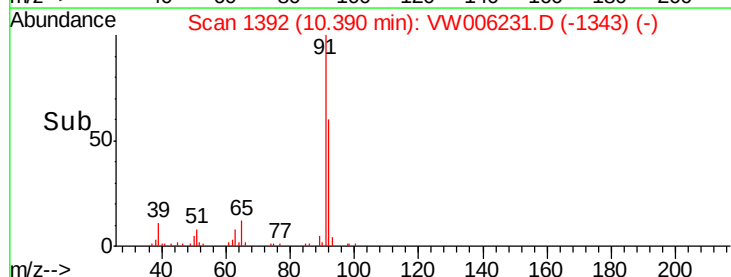
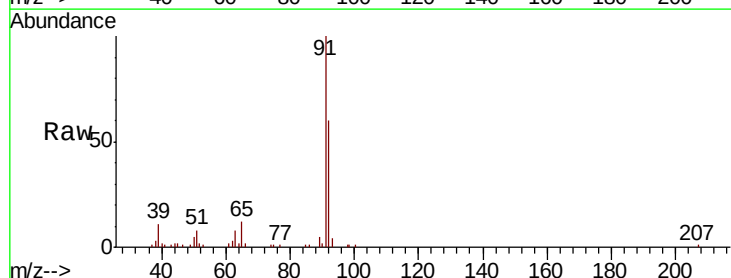
Instrument :
MSVOA_W
ClientSampleId :
TP-B

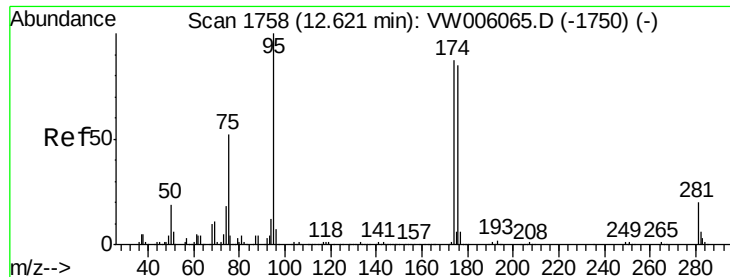
Tot Ion: 98 Resp: 375455
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#52
Toluene
Concen: 1.756 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

Tgt Ion: 92 Resp: 9923
Ion Ratio Lower Upper
92 100
91 175.0 140.0 210.0

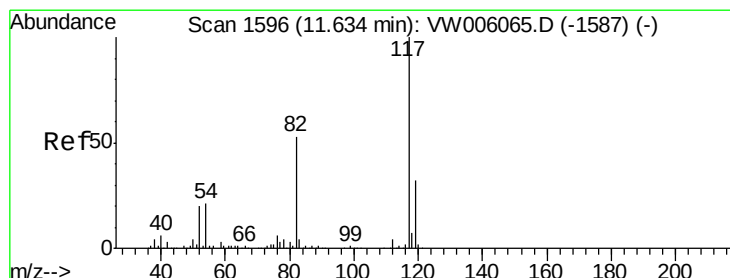
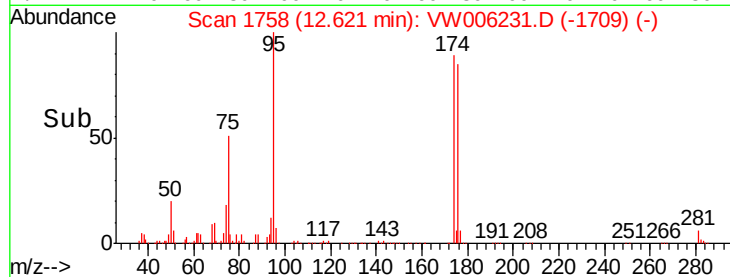
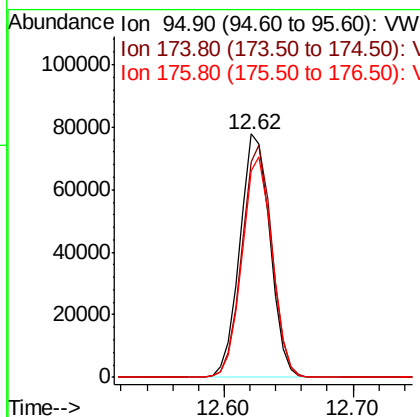
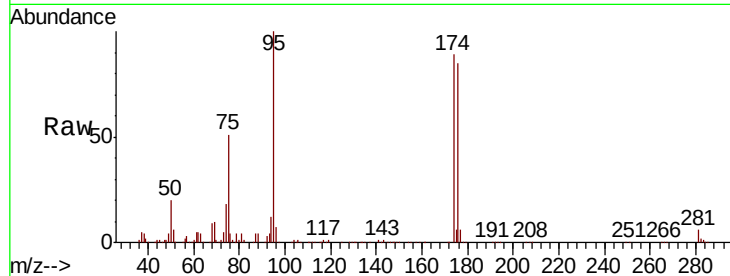




#62
4-Bromofluorobenzene
Concen: 44.602 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

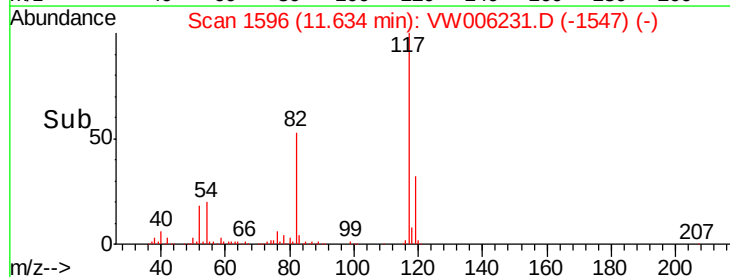
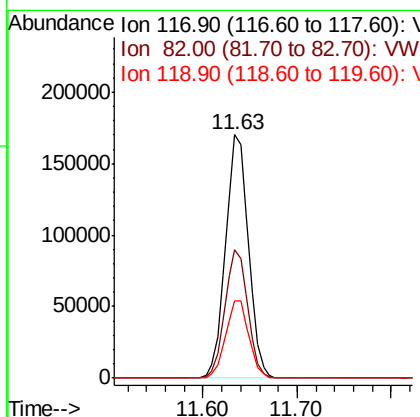
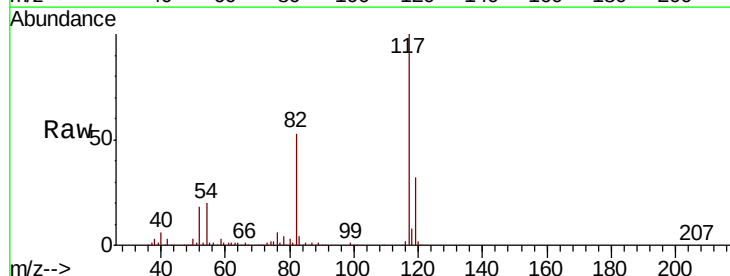
Instrument :
MSVOA_W
ClientSampleId :
TP-B

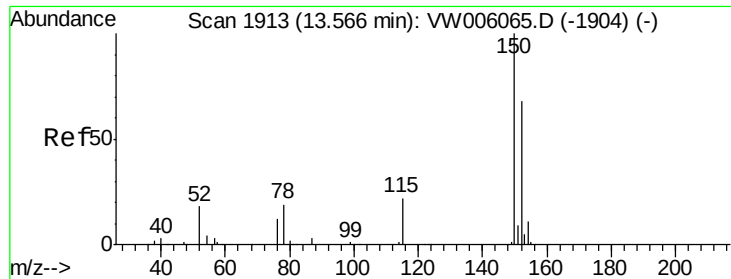
Tot Ion: 95 Resp: 125573
Ion Ratio Lower Upper
95 100
174 94.6 0.0 186.0
176 90.5 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

Tgt Ion: 117 Resp: 286069
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 31.7 25.8 38.6



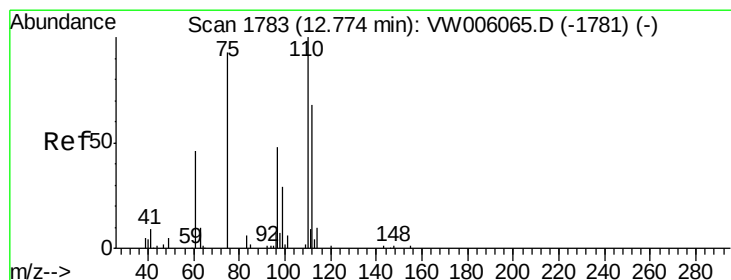
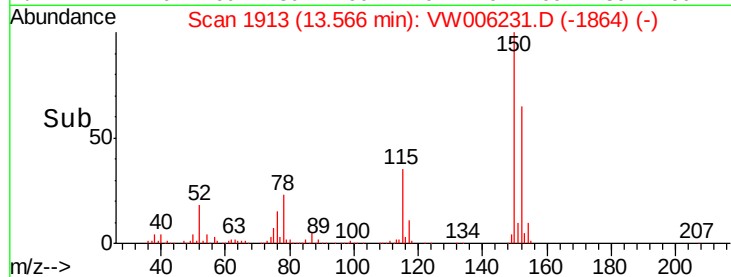
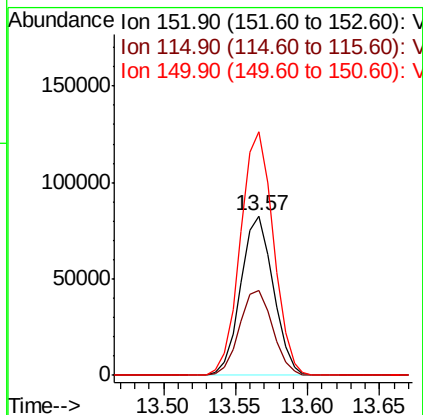
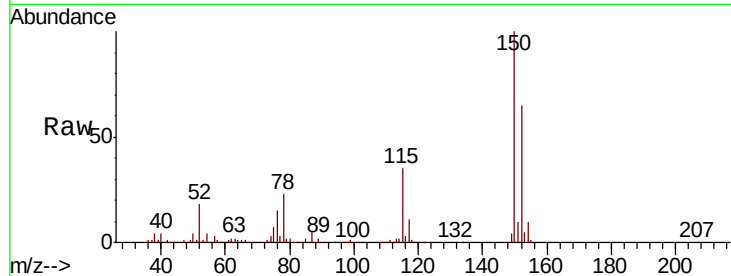


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampled :
TP-B

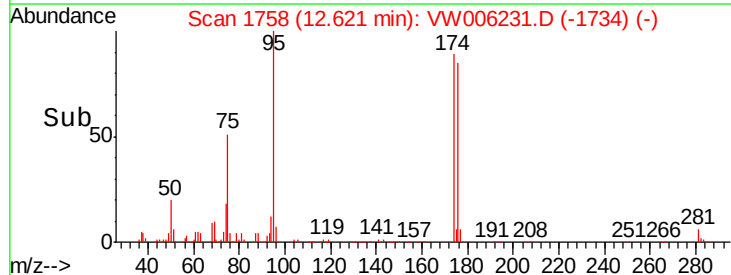
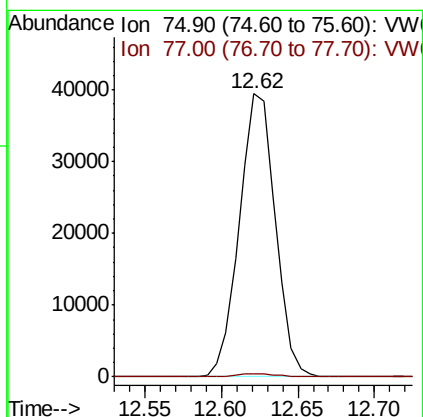
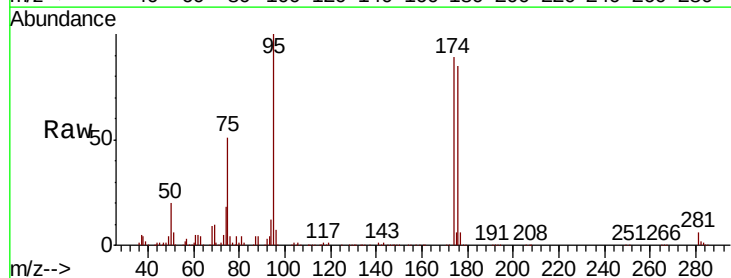
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.8	83.3
150	154.7	0.0	349.2

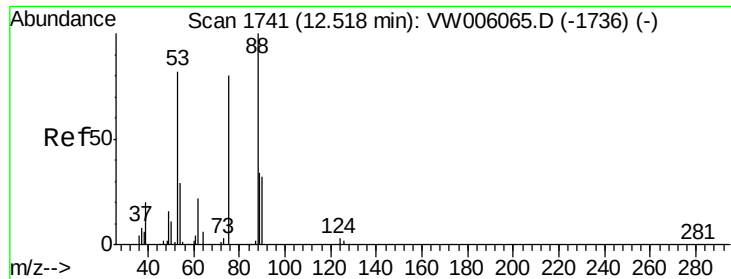


#76

1,2,3-Trichloropropane
Concen: 65.049 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006231.D
Acq: 19 Oct 2018 17:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 155.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006231.D

Acq: 19 Oct 2018 17:55

Instrument :

MSVOA_W

ClientSampleId :

TP-B

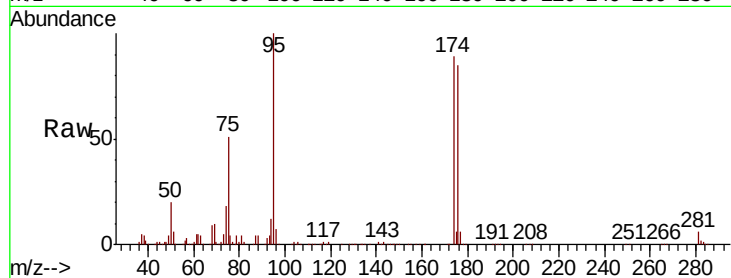
Tot Ion: 75 Resp: 64383

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

