

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006131.D
 Acq On : 17 Oct 2018 17:19
 Operator : VA/AP
 Sample : J5529-01RE
 Misc : 5.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TSRE

Quant Time: Oct 18 10:43:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	377632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	92197	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	108355	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	7.89	113	107546	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	10.33	98	355135	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	
62) 4-Bromofluorobenzene	12.62	95	95455	29.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.88%	

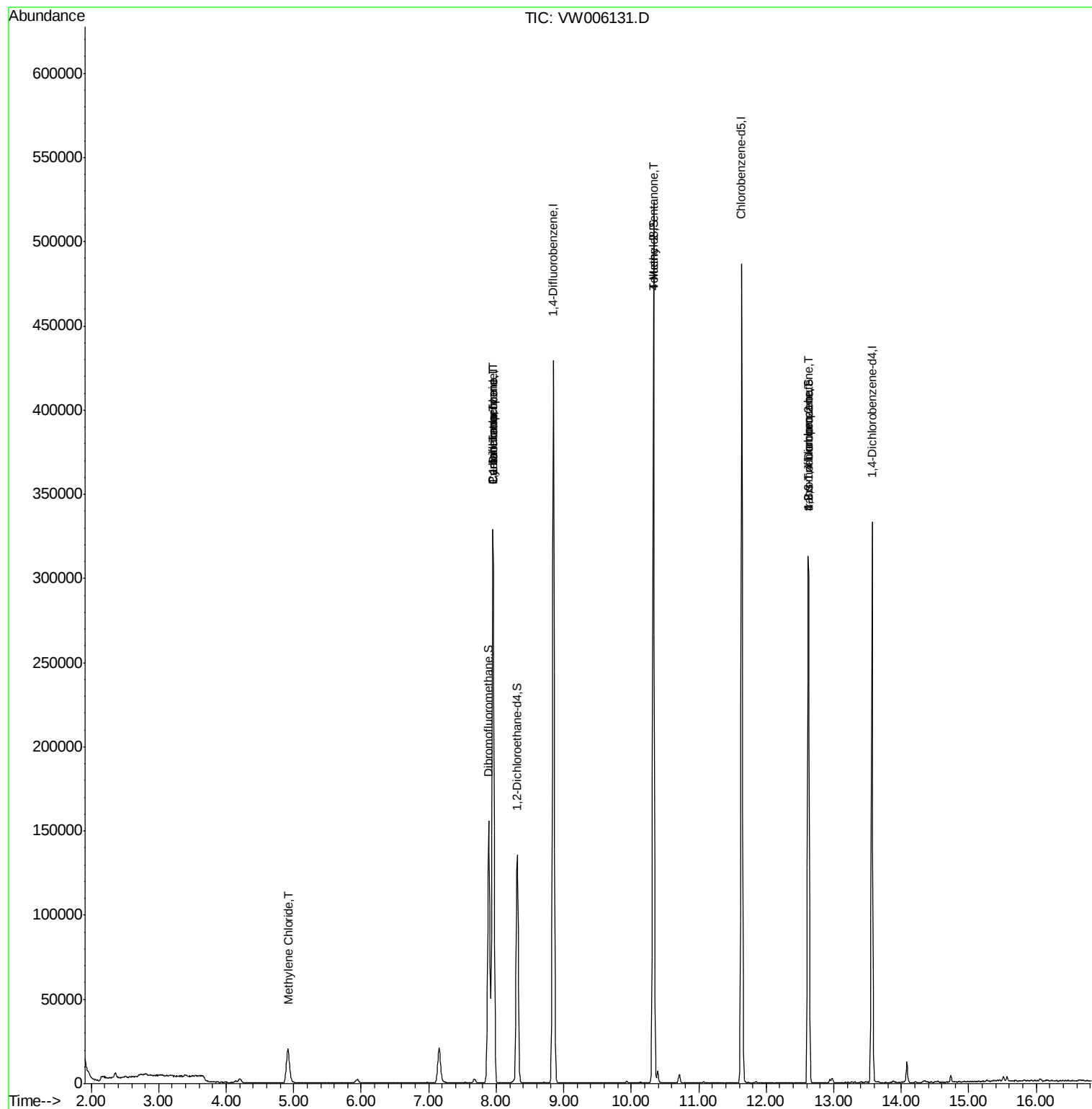
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1663	Below Cal		91
20) Methylene Chloride	4.92	84	16597	5.68	ug/l	98
31) Cyclohexane	7.96	56	5108	1.27	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	17673	5.08	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23141	6.06	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1533	1.16	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	48806	69.31	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48806	165.67	ug/l #	10

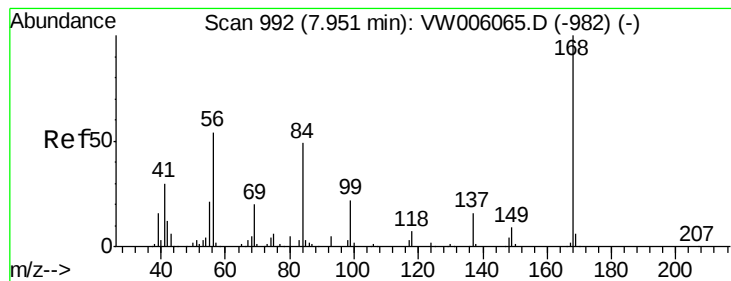
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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MSVOA_W
ClientSampleId :
TSRE

Quant Time: Oct 18 10:43:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 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: VW006131.D

Acq: 17 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

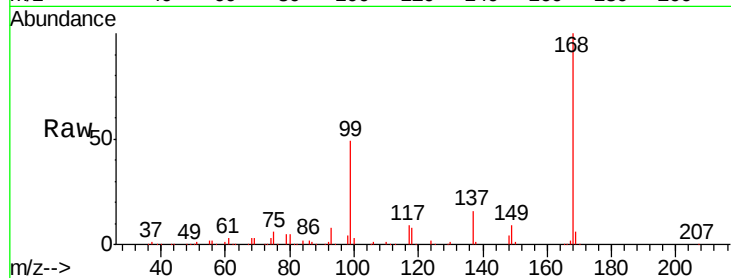
TSRE

Tgt Ion:168 Resp: 265480

Ion Ratio Lower Upper

168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

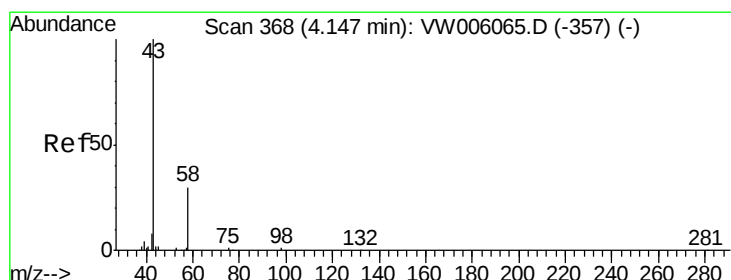
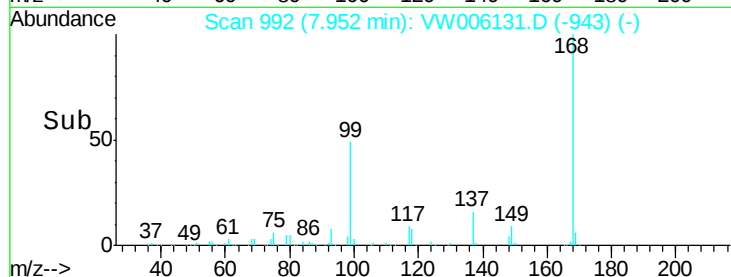
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006131.D

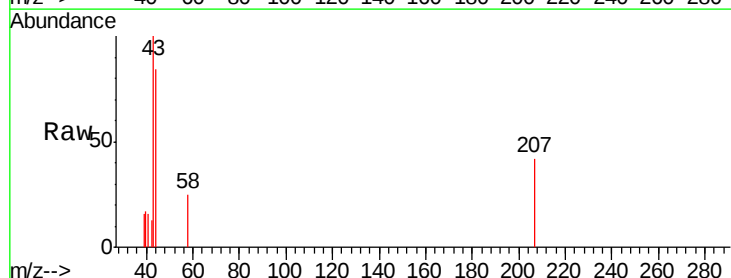
Acq: 17 Oct 2018 17:19

Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 25.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

500

400

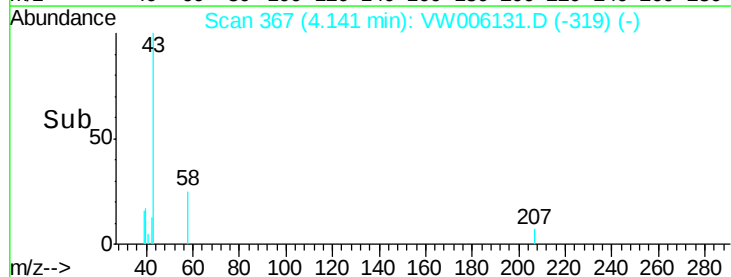
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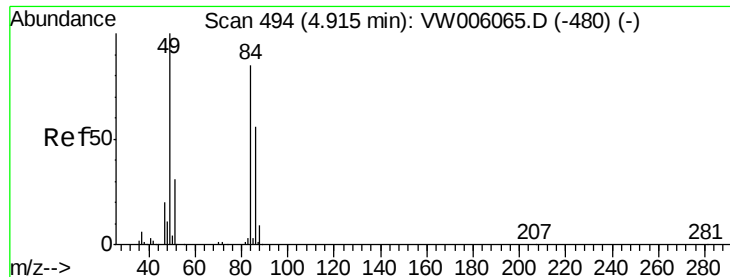
200

100

0

Time-->





#20

Methylene Chloride

Concen: 5.68 ug/l

RT: 4.92 min Scan# 494

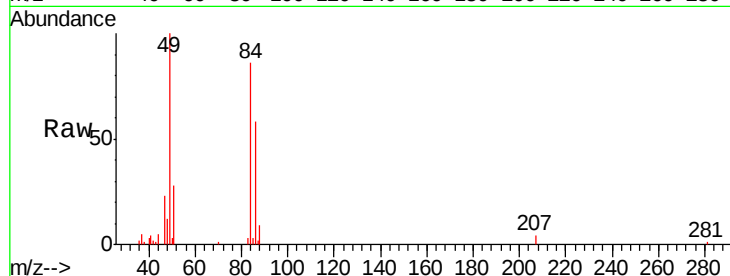
Delta R.T. 0.00 min

Lab File: VW006131.D

Acq: 17 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
TSRE

Tgt Ion:	84	Resp:	16597
Ion	Ratio	Lower	Upper
84	100		
49	116.2	93.6	140.4
51	32.1	29.0	43.4
86	67.6	52.6	79.0

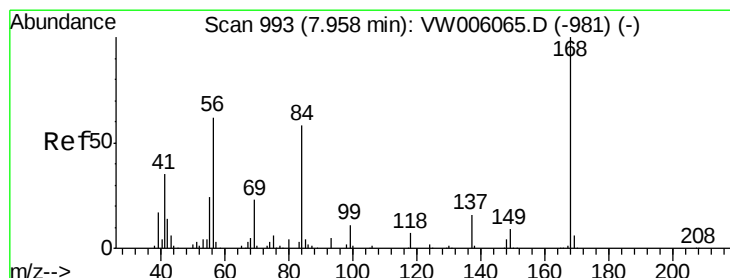
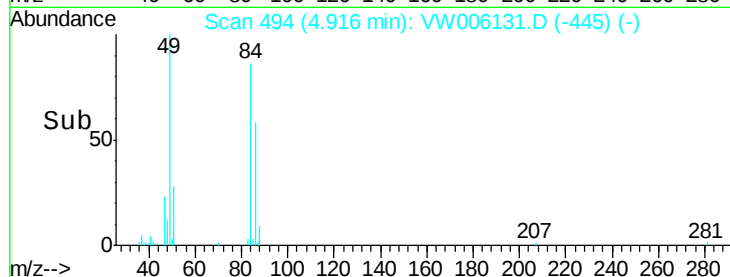
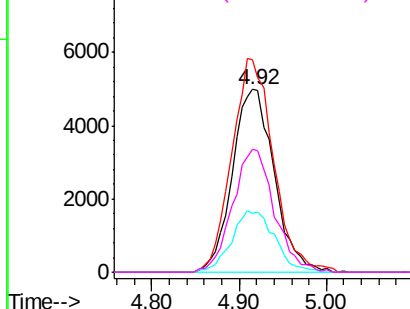


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.27 ug/l

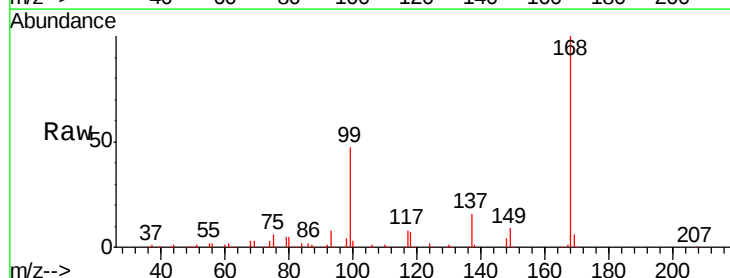
RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006131.D

Acq: 17 Oct 2018 17:19

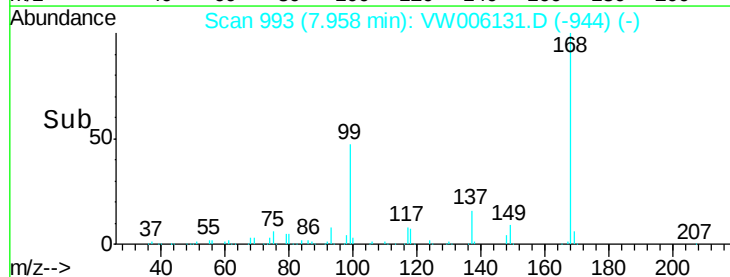
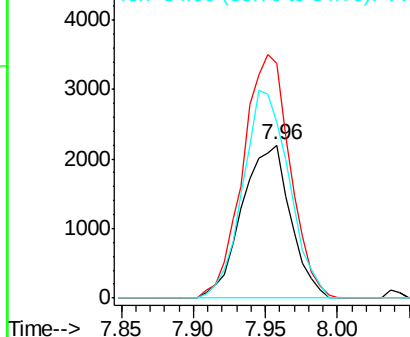
Tgt Ion:	56	Resp:	5108
Ion	Ratio	Lower	Upper
56	100		
69	153.4	29.4	44.0#
84	114.8	74.0	111.0#

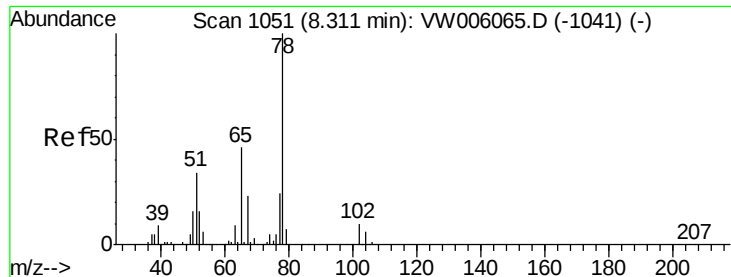


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

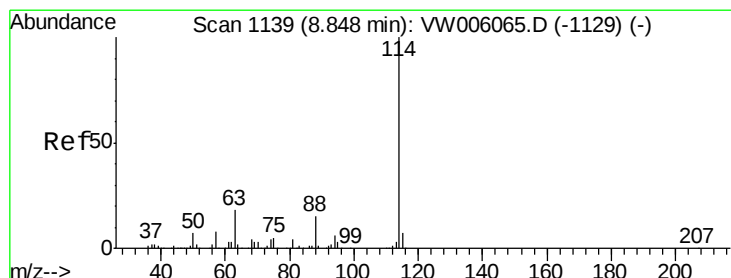
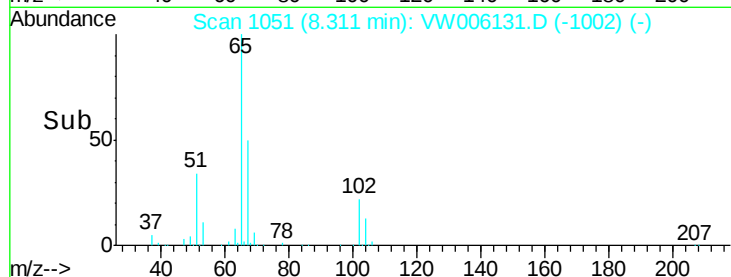
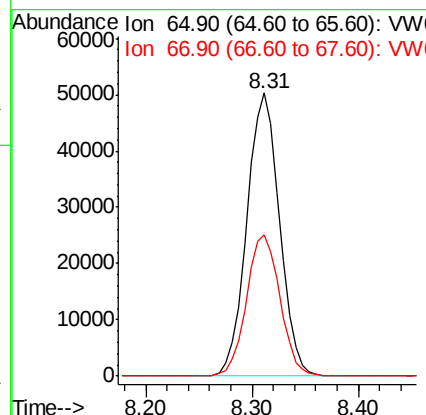
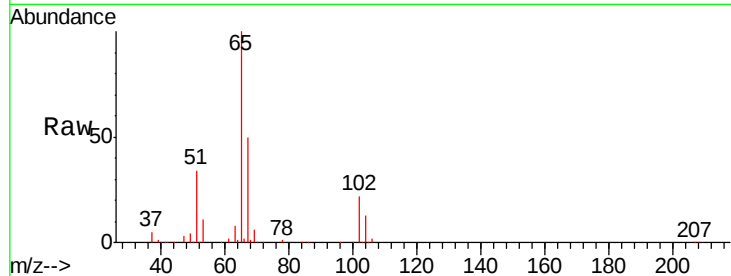




#33
 1,2-Dichloroethane-d4
 Concen: 49.23 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006131.D
 Acq: 17 Oct 2018 17:19

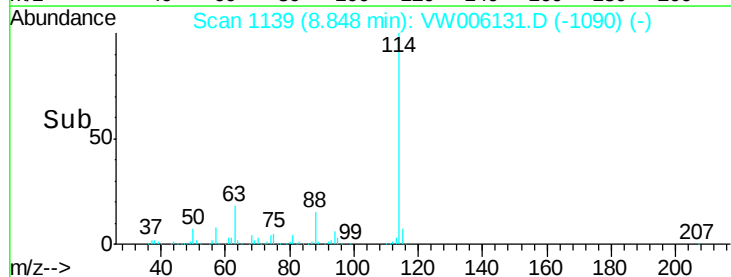
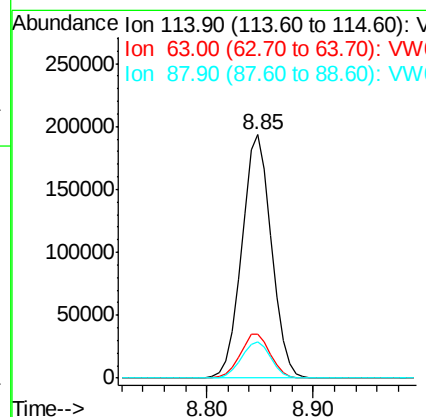
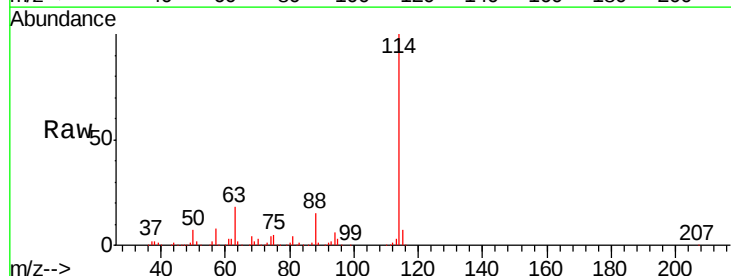
Instrument :
 MSVOA_W
 ClientSampleId :
 TSRE

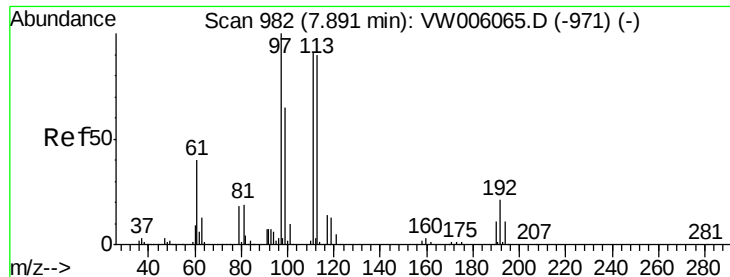
Tgt Ion: 65 Resp: 108355
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006131.D
 Acq: 17 Oct 2018 17:19

Tgt Ion: 114 Resp: 377632
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.9 0.0 29.0

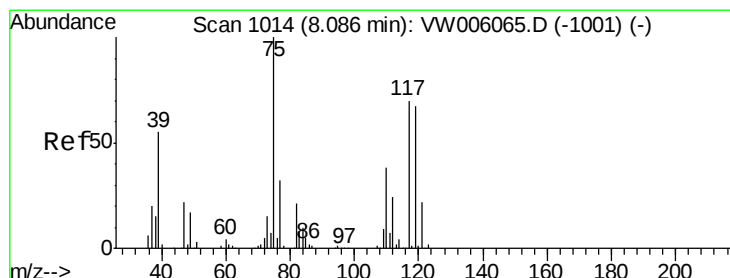
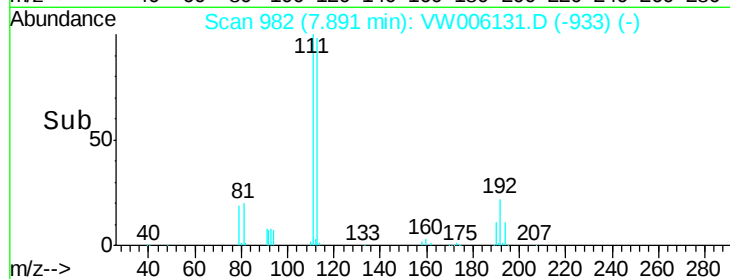
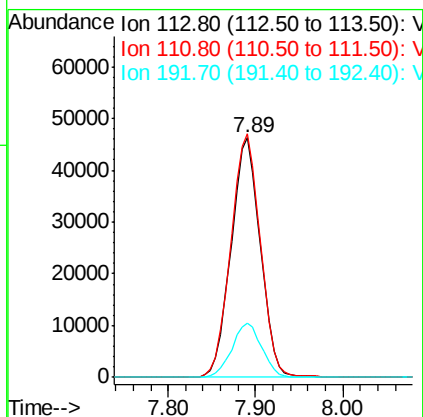
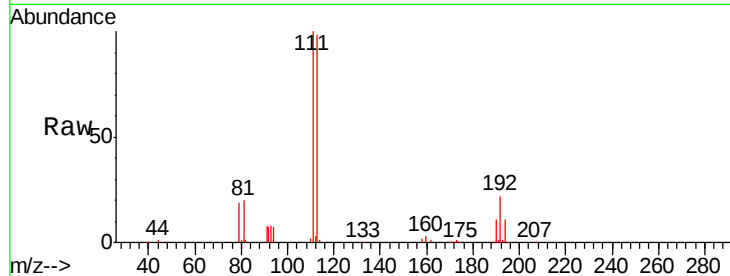




#35
 Dibromofluoromethane
 Concen: 48.20 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006131.D
 Acq: 17 Oct 2018 17:19

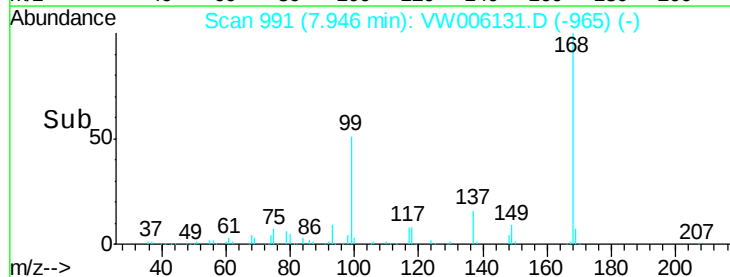
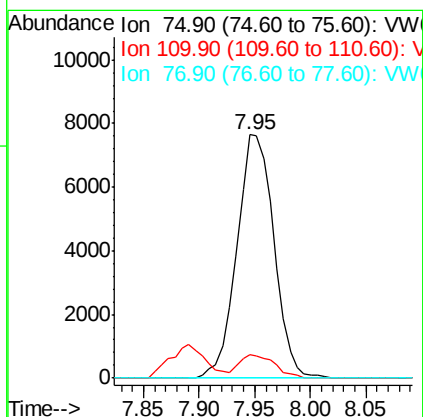
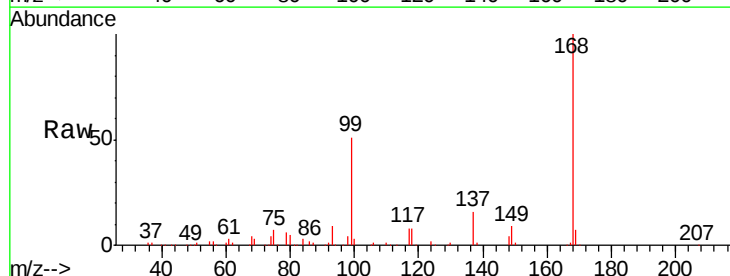
Instrument :
 MSVOA_W
 ClientSampled :
 TSRE

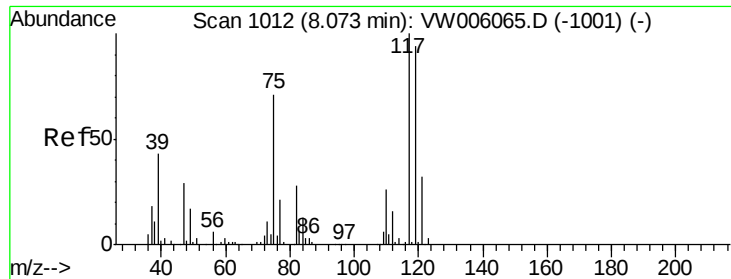
Tgt Ion:113 Resp: 107546
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 22.9 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 5.08 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006131.D
 Acq: 17 Oct 2018 17:19

Tgt Ion: 75 Resp: 17673
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.1 57.1#
 77 0.0 25.0 37.4#

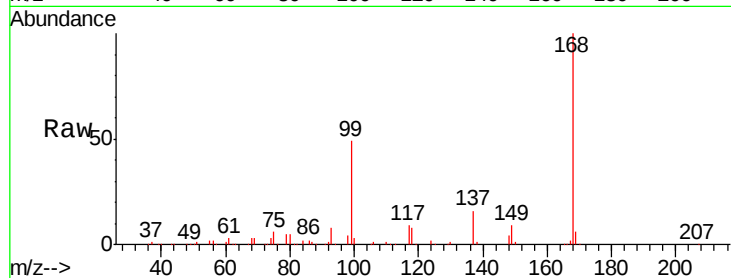




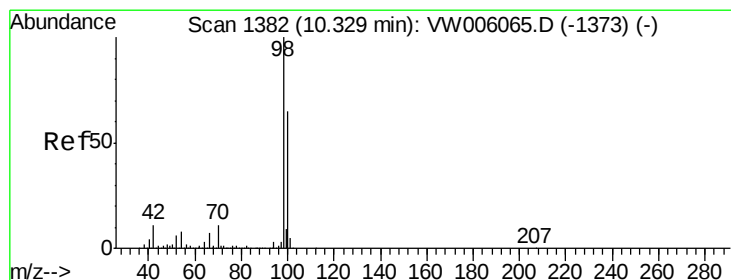
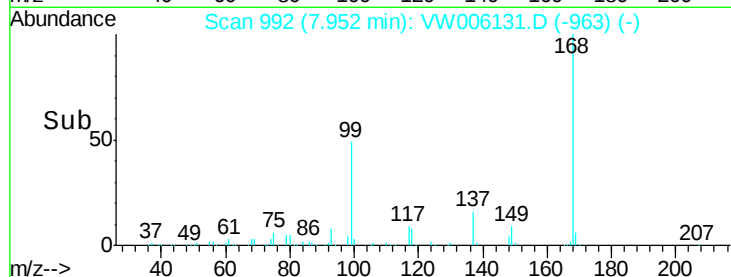
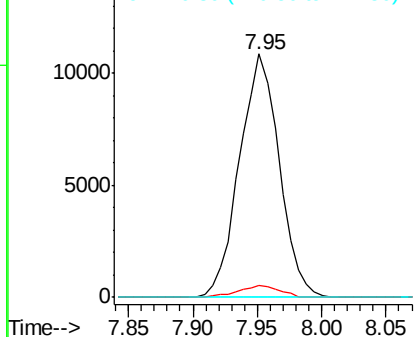
#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006131.D
Acq: 17 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
TSRE

Tgt Ion:117 Resp: 23141
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 25.3 37.9#

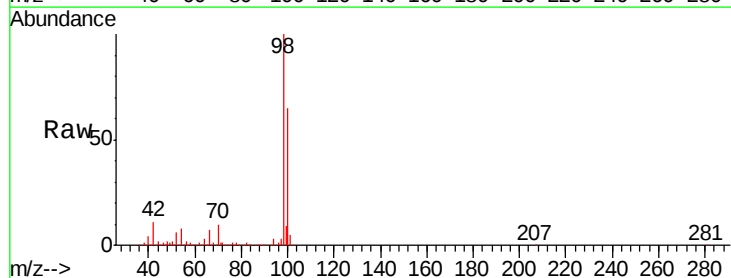


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

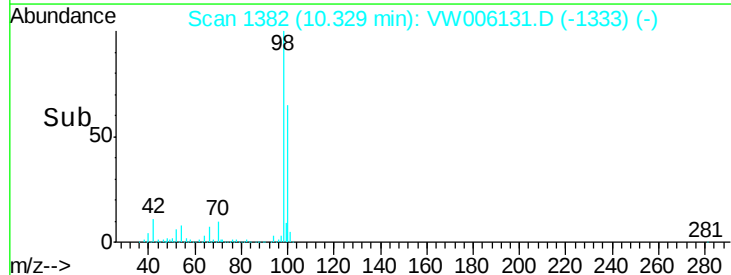
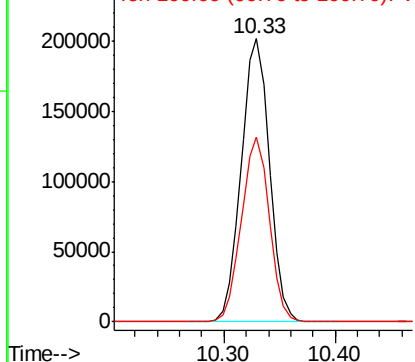


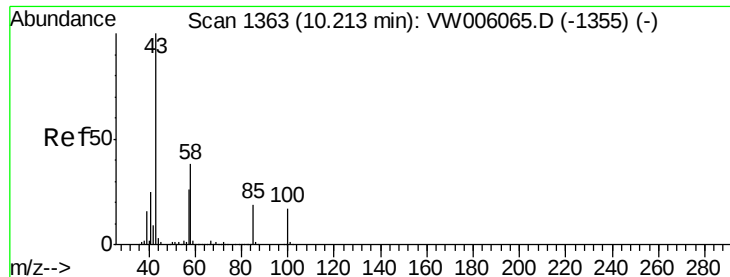
#50
Toluene-d8
Concen: 41.83 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006131.D
Acq: 17 Oct 2018 17:19

Tgt Ion: 98 Resp: 355135
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.16 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006131.D

Acq: 17 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

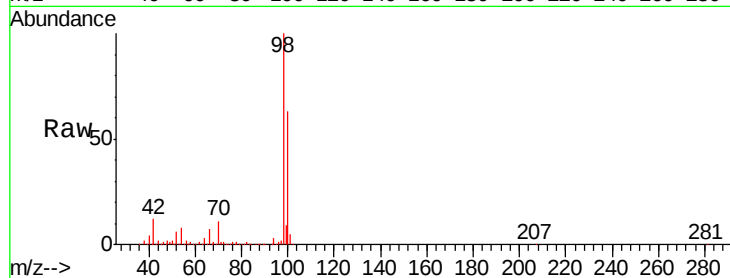
TSRE

Tgt Ion: 43 Resp: 1533

Ion Ratio Lower Upper

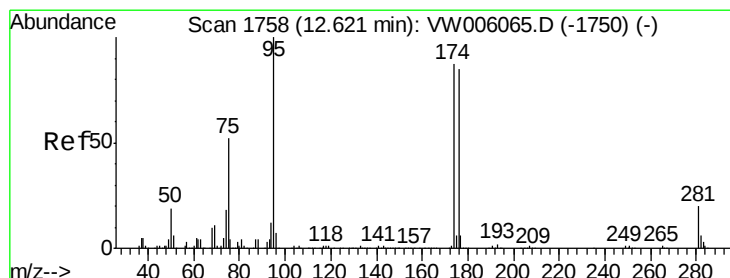
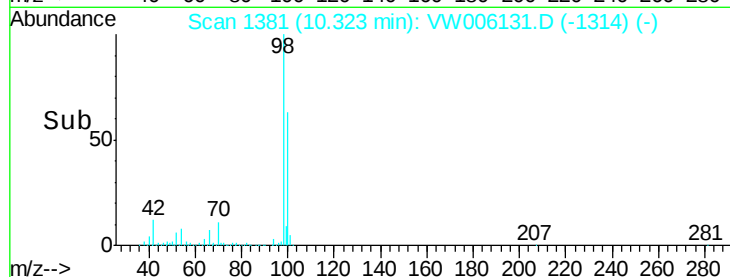
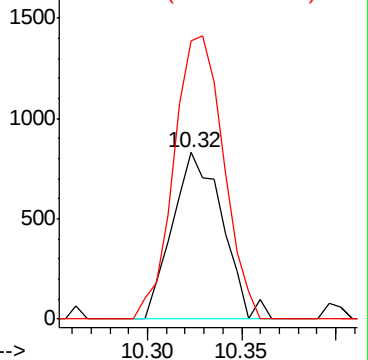
43 100

58 168.5 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 29.94 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006131.D

Acq: 17 Oct 2018 17:19

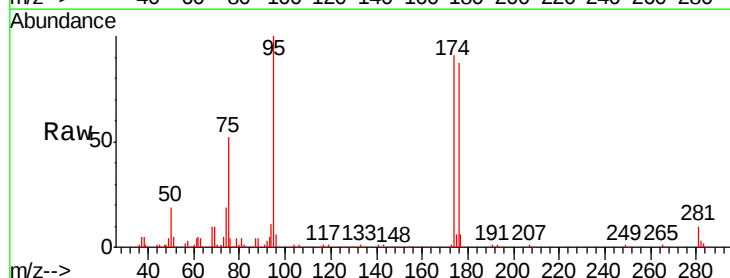
Tgt Ion: 95 Resp: 95455

Ion Ratio Lower Upper

95 100

174 94.4 0.0 186.0

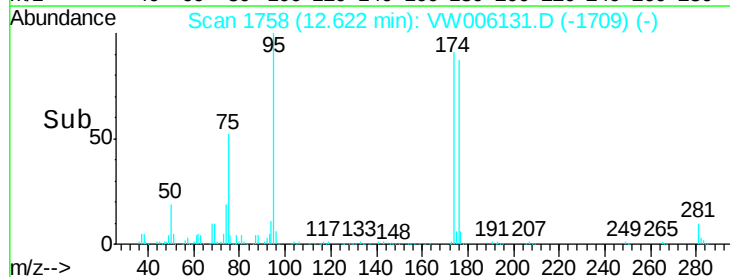
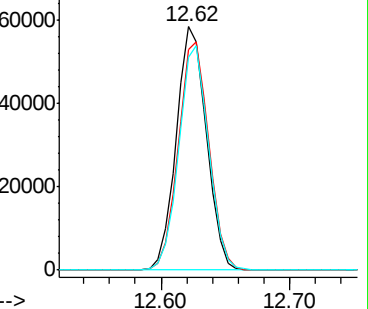
176 90.6 0.0 181.6

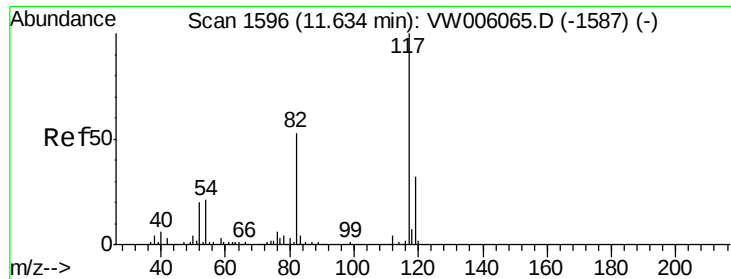


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

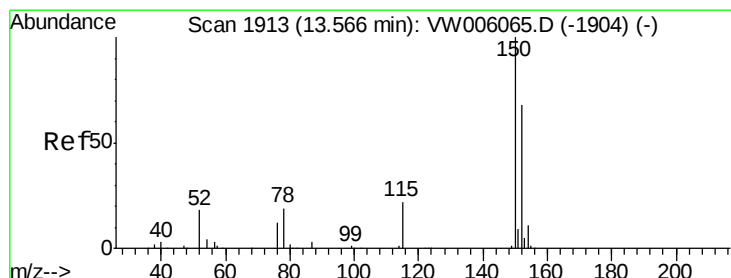
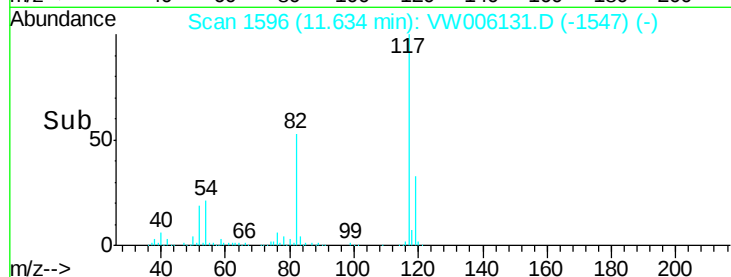
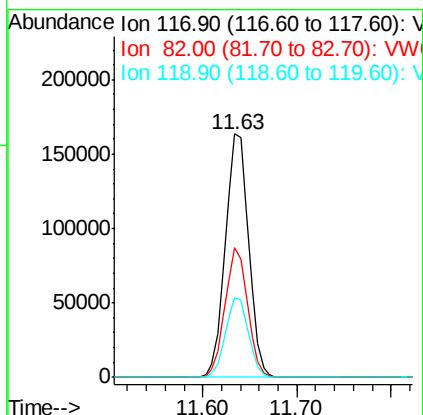
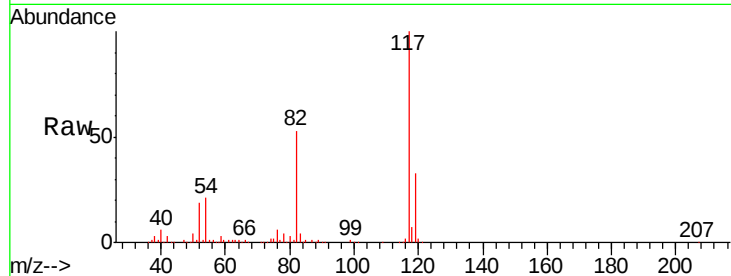




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006131.D
Acq: 17 Oct 2018 17:19

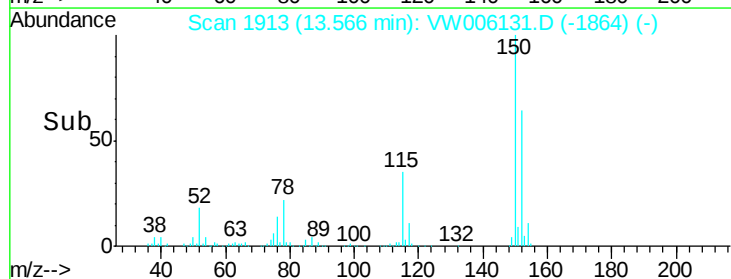
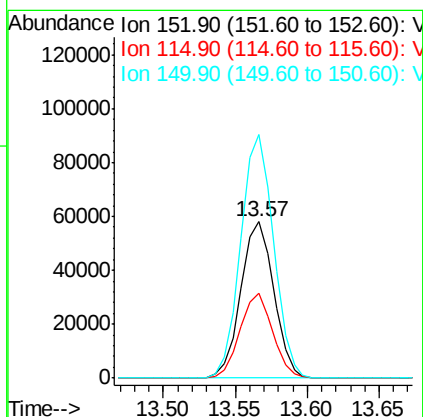
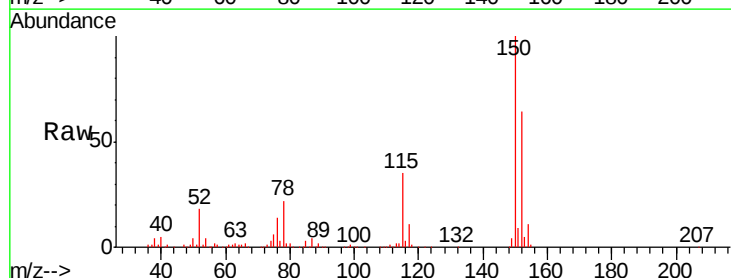
Instrument :
MSVOA_W
ClientSampled :
TSRE

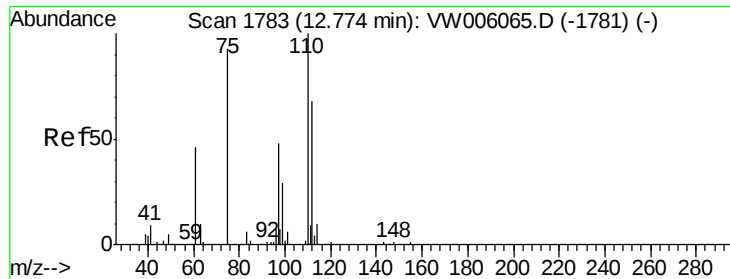
Tgt Ion:117 Resp: 280974
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006131.D
Acq: 17 Oct 2018 17:19

Tgt Ion:152 Resp: 92197
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.3
150 155.1 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 69.31 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006131.D

Acq: 17 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

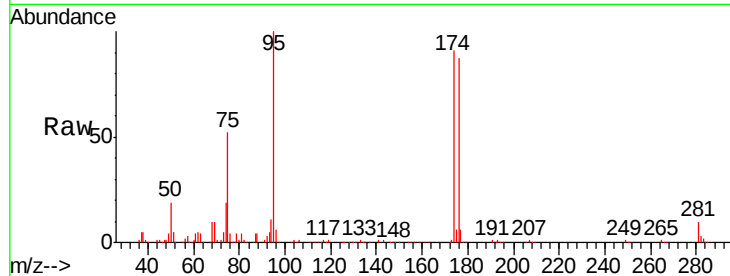
TSRE

Tgt Ion: 75 Resp: 48806

Ion Ratio Lower Upper

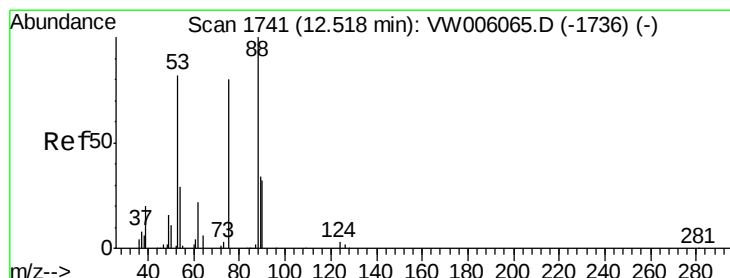
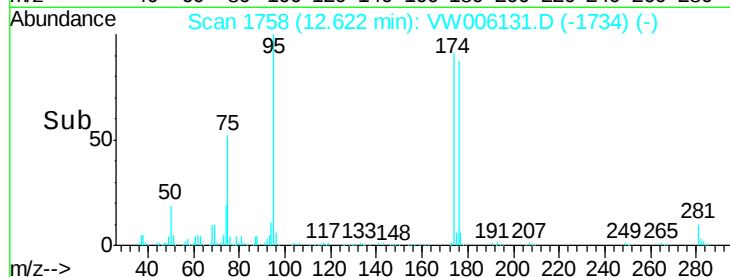
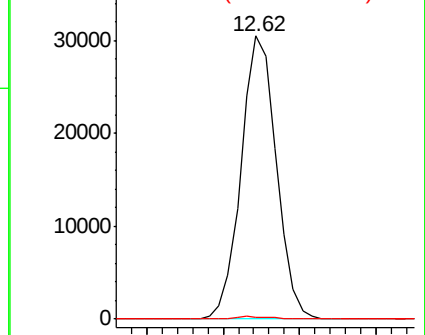
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 165.67 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006131.D

Acq: 17 Oct 2018 17:19

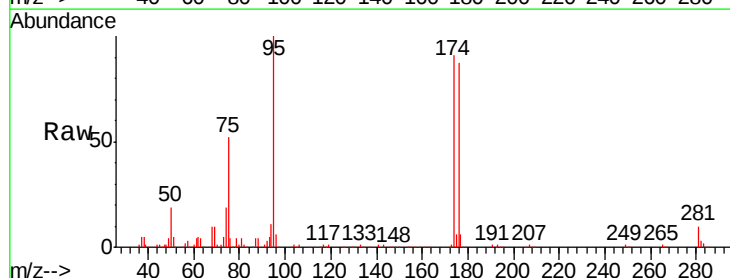
Tgt Ion: 75 Resp: 48806

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

