

Data File : VW006008.D
Acq On : 11 Oct 2018 01:34
Operator : SY/AP
Sample : J5373-03
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RT1499-3783-RT3026

Quant Time: Oct 11 05:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	101346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112377	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.88	113	109679	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.33	98	347645	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	
62) 4-Bromofluorobenzene	12.62	95	114221	36.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.52%	

Target Compounds

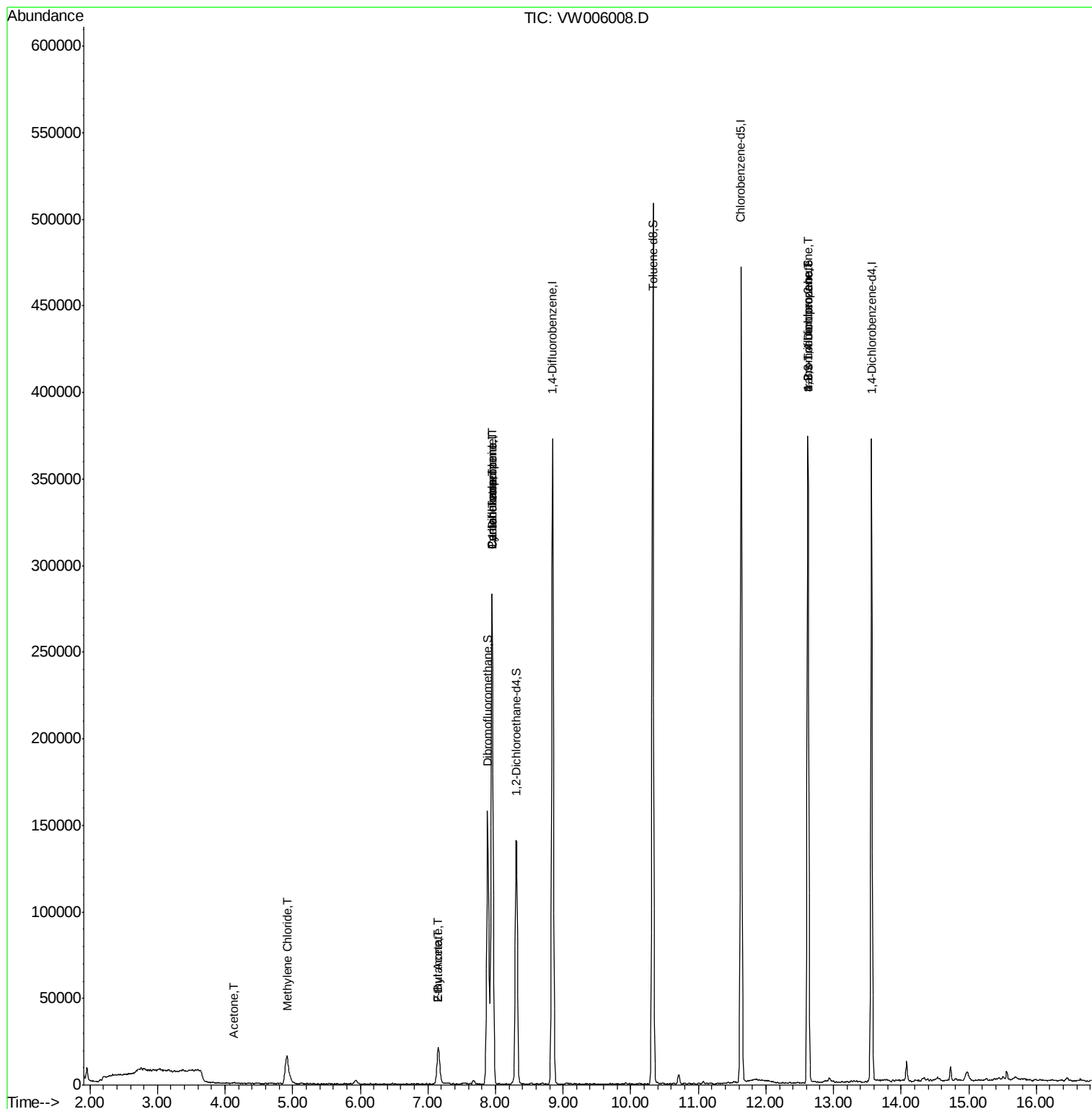
						Qvalue
16) Acetone	4.13	43	1229	2.778	ug/l	97
20) Methylene Chloride	4.92	84	15703	7.084	ug/l	92
25) 2-Butanone	7.16	43	1446	2.298	ug/l #	72
31) Cyclohexane	7.95	56	4306	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14922	4.684	ug/l #	49
37) Ethyl Acetate	7.16	43	1446	1.072	ug/l #	11
38) Carbon Tetrachloride	7.95	117	20089	5.869	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57288	63.281	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57288	133.593	ug/l #	11

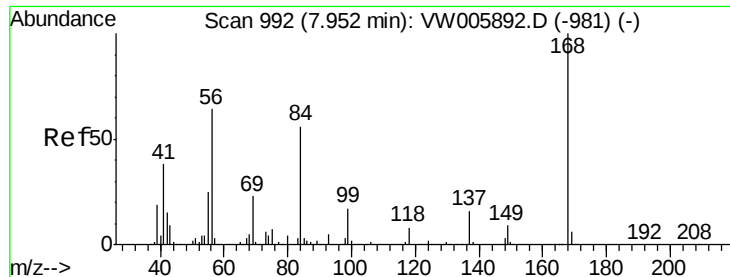
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

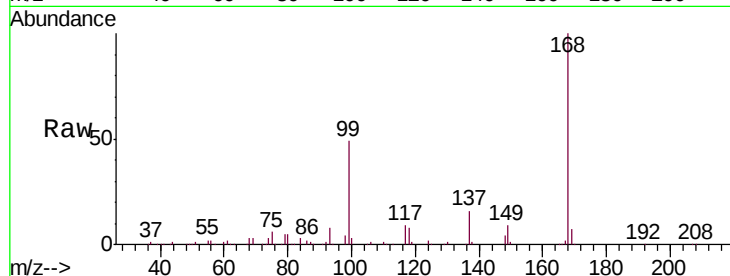
RT1499-3783-RT3026

Tgt Ion:168 Resp: 228182

Ion Ratio Lower Upper

168 100

99 48.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

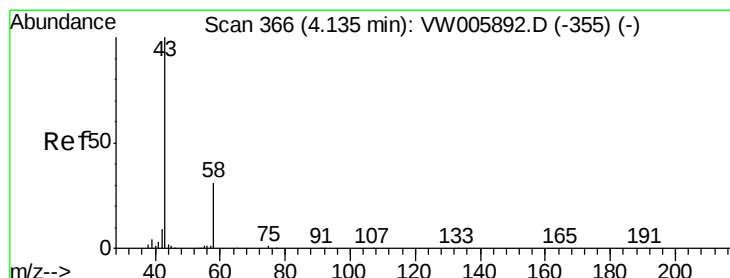
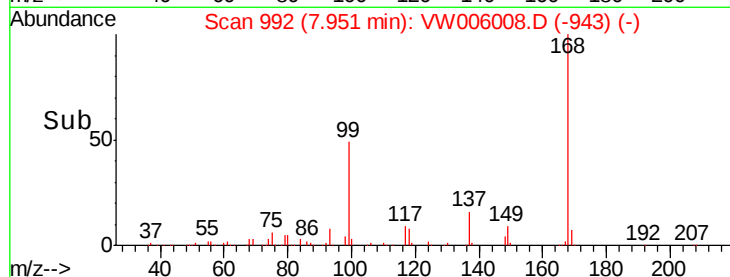
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.778 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006008.D

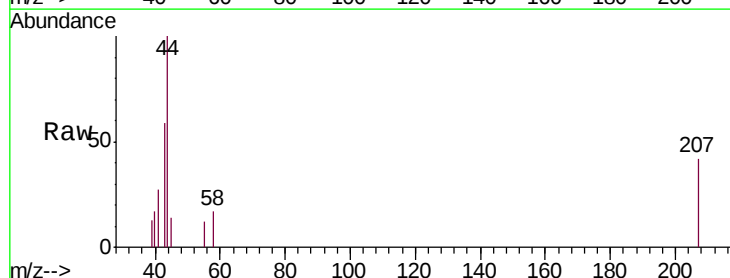
Acq: 11 Oct 2018 01:34

Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

58 29.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

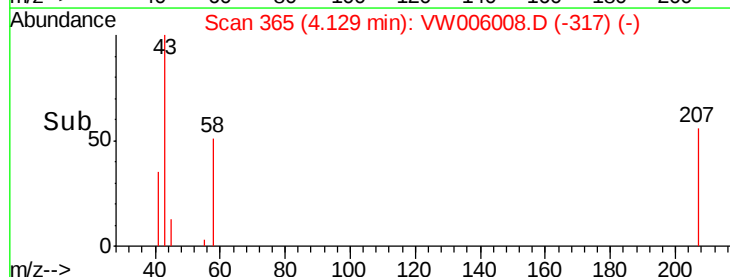
300

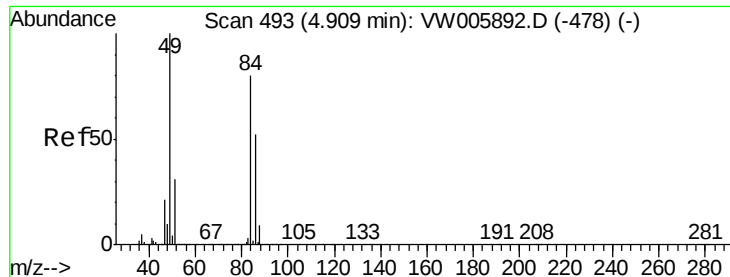
200

100

0

Time-->

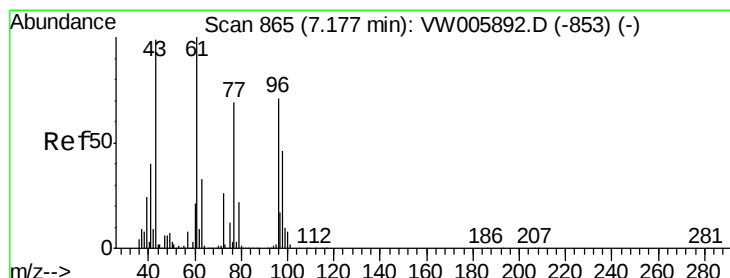
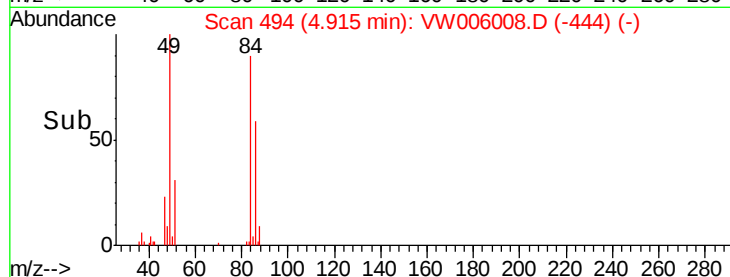
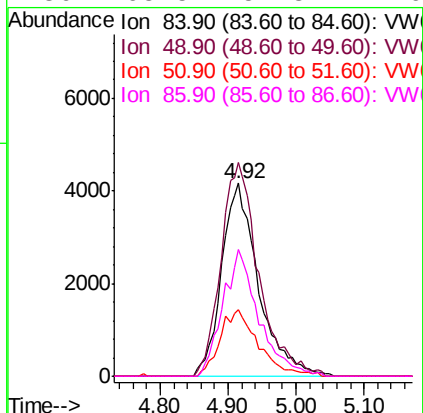
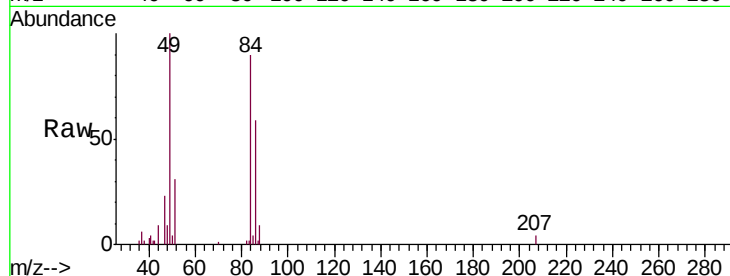




#20
Methylene Chloride
Concen: 7.084 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006008.D
Acq: 11 Oct 2018 01:34

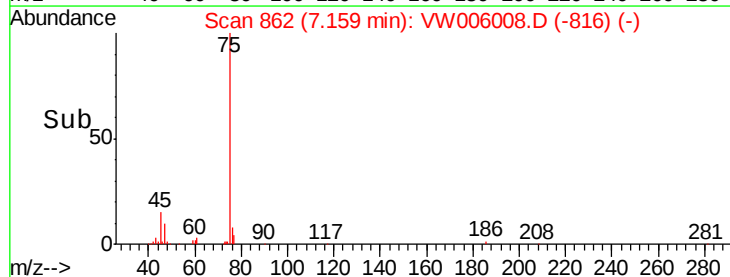
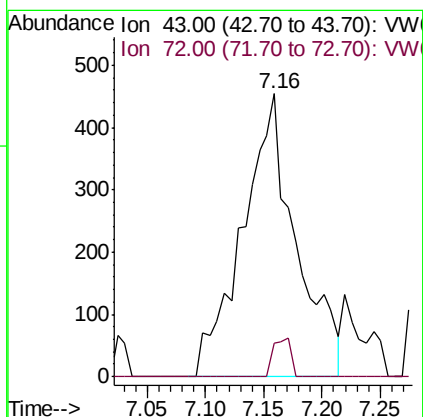
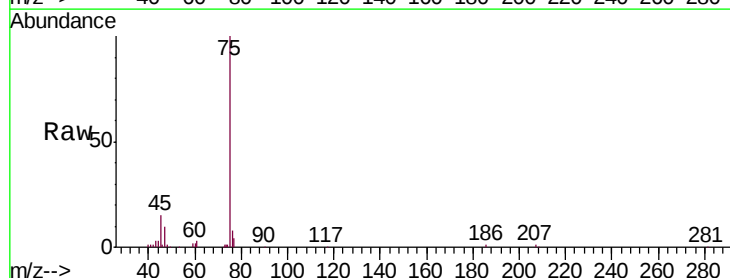
Instrument :
MSVOA_W
ClientSampleId :
RT1499-3783-RT3026

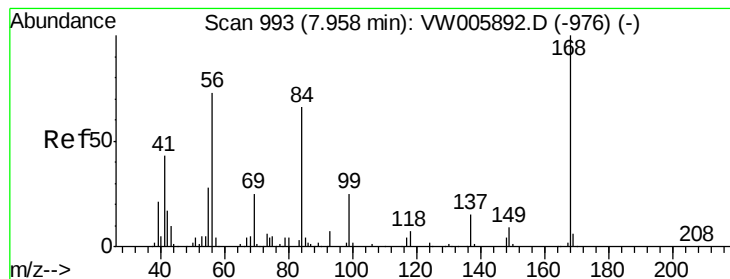
Tgt Ion:	84	Resp:	15703
Ion	Ratio	Lower	Upper
84	100		
49	110.6	99.9	149.9
51	34.3	31.1	46.7
86	65.5	51.8	77.6



#25
2-Butanone
Concen: 2.298 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006008.D
Acq: 11 Oct 2018 01:34

Tgt Ion:	43	Resp:	1446
Ion	Ratio	Lower	Upper
43	100		
72	11.7	21.0	31.4#





#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

RT1499-3783-RT3026

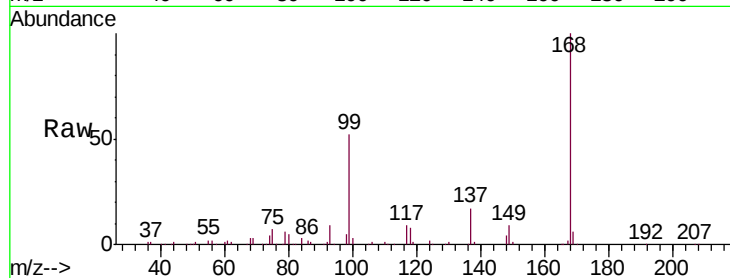
Tgt Ion: 56 Resp: 4306

Ion Ratio Lower Upper

56 100

69 177.1 27.9 41.9#

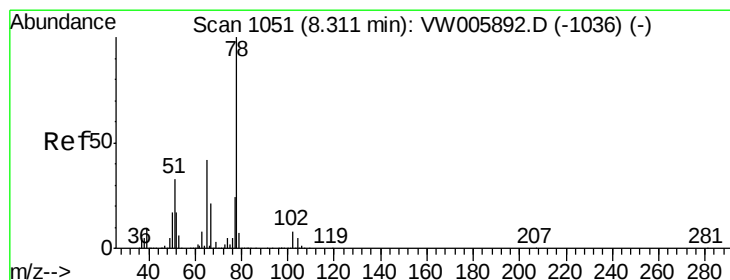
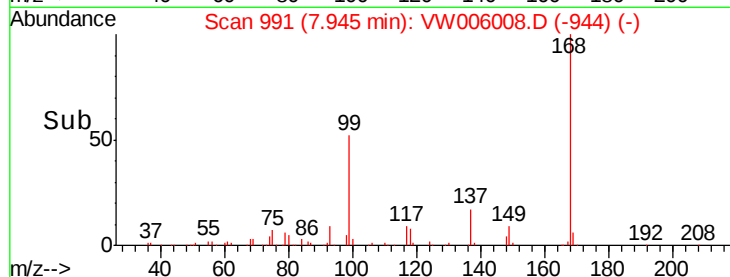
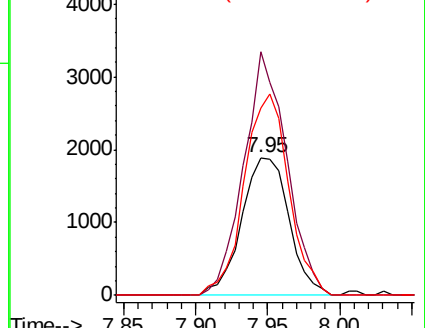
84 136.0 72.3 108.5#



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: 50.731 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006008.D

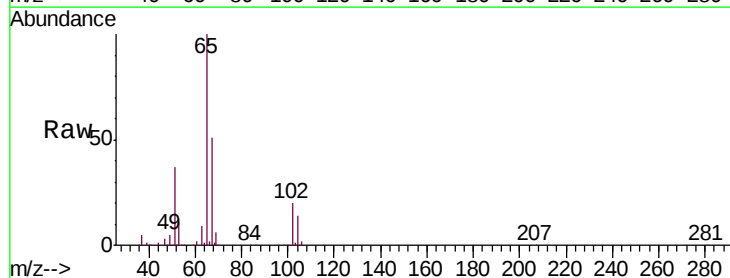
Acq: 11 Oct 2018 01:34

Tgt Ion: 65 Resp: 112377

Ion Ratio Lower Upper

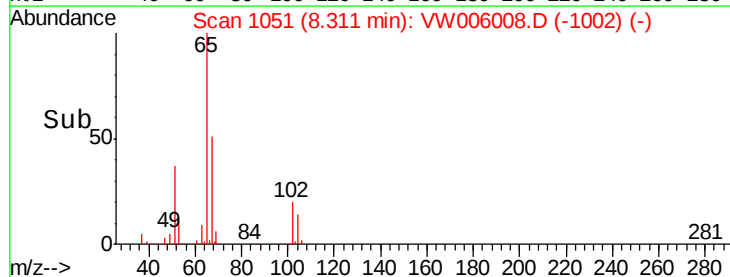
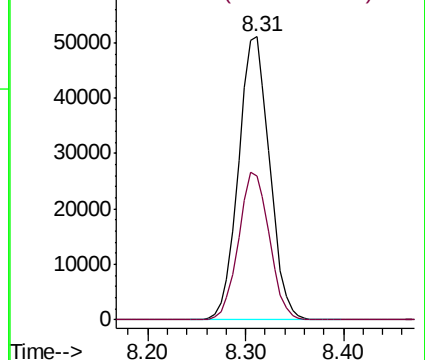
65 100

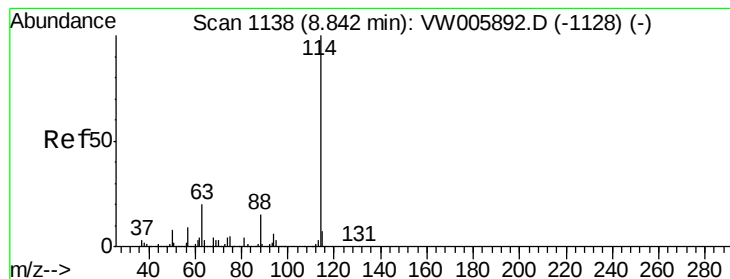
67 52.0 0.0 104.6



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. 0.01 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

RT1499-3783-RT3026

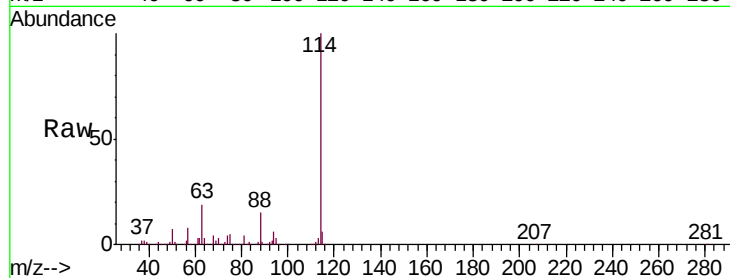
Tgt Ion:114 Resp: 332470

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

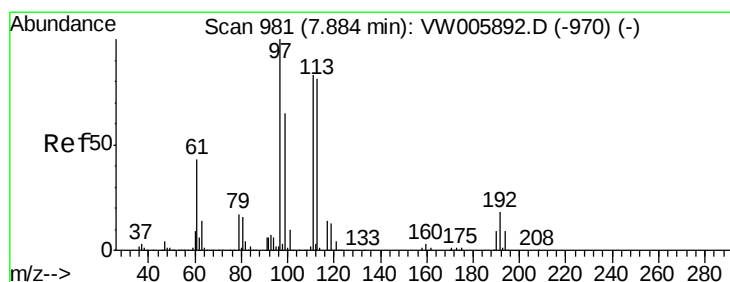
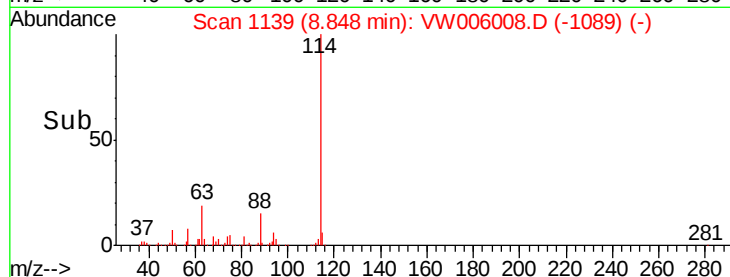
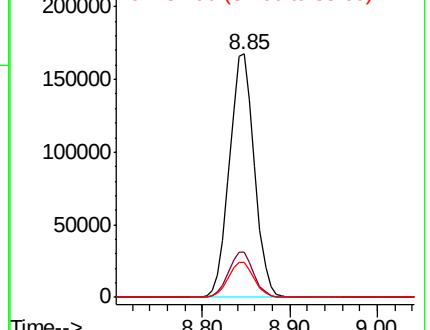
88 14.6 0.0 30.8



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: 51.670 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

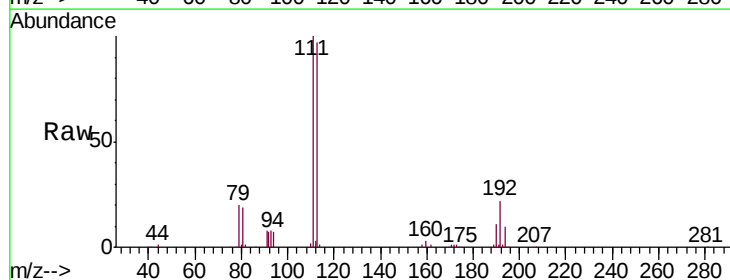
Tgt Ion:113 Resp: 109679

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

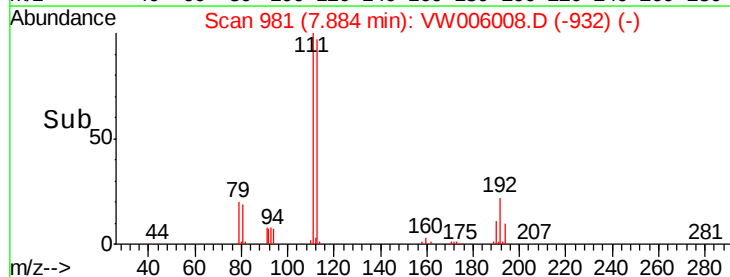
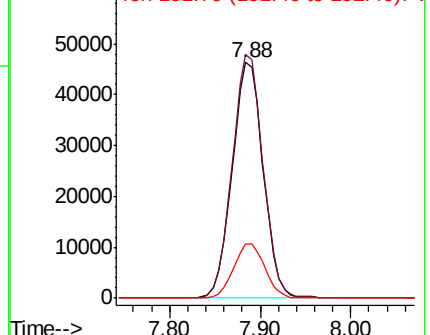
192 23.1 18.3 27.5

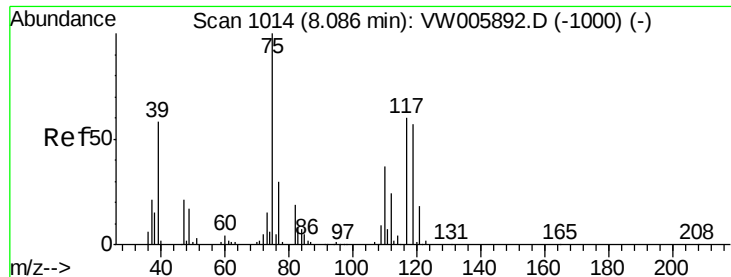


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

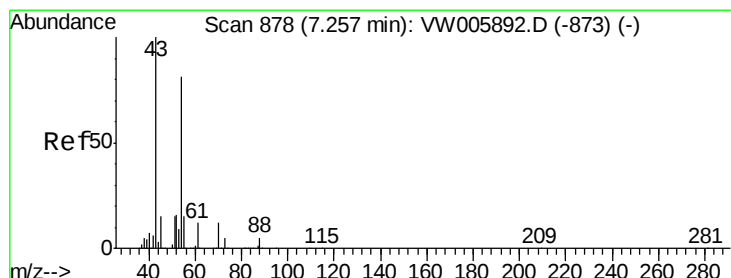
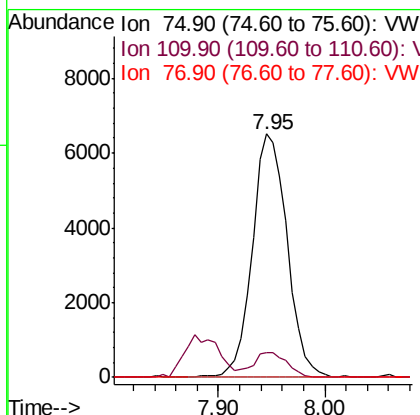
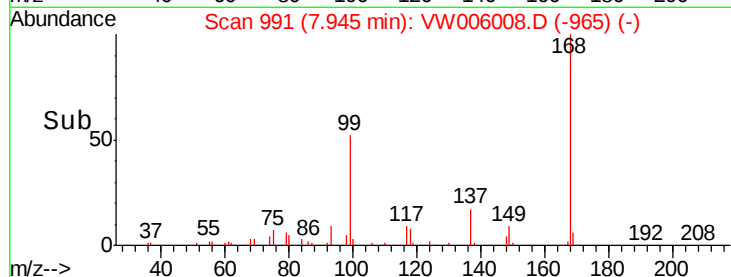
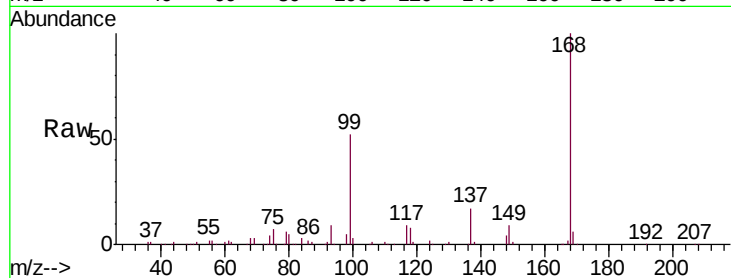




#36
 1,1-Dichloropropene
 Concen: 4.684 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006008.D
 Acq: 11 Oct 2018 01:34

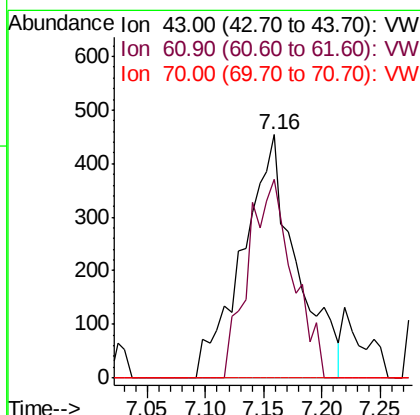
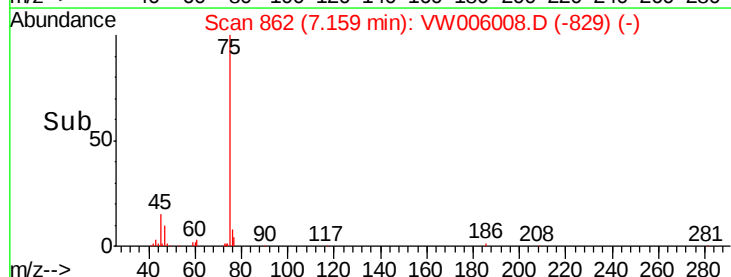
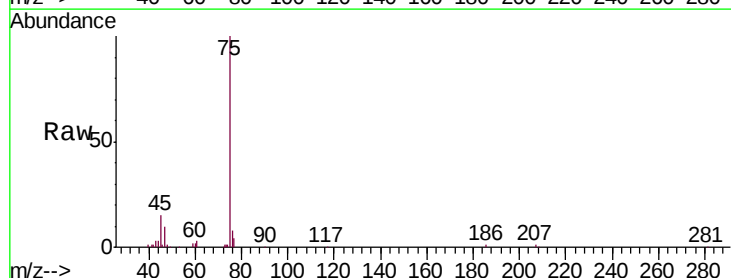
Instrument :
 MSVOA_W
 ClientSampleId :
 RT1499-3783-RT3026

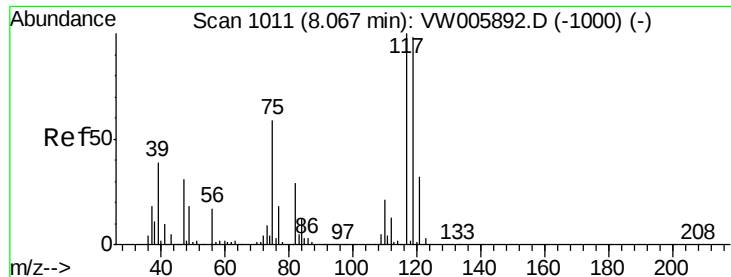
Tgt Ion: 75 Resp: 14922
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.6 56.0#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.072 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.10 min
 Lab File: VW006008.D
 Acq: 11 Oct 2018 01:34

Tgt Ion: 43 Resp: 1446
 Ion Ratio Lower Upper
 43 100
 61 68.3 10.6 16.0#
 70 0.0 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 5.869 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

RT1499-3783-RT3026

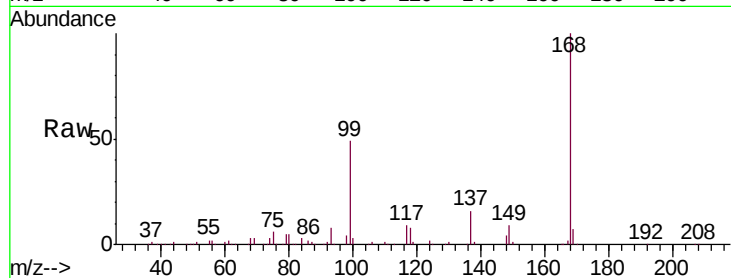
Tgt Ion:117 Resp: 20089

Ion Ratio Lower Upper

117 100

119 6.0 78.6 117.8#

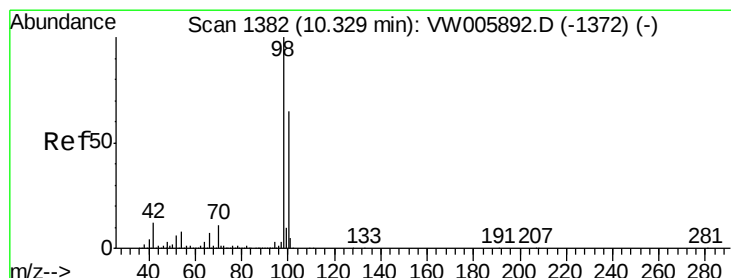
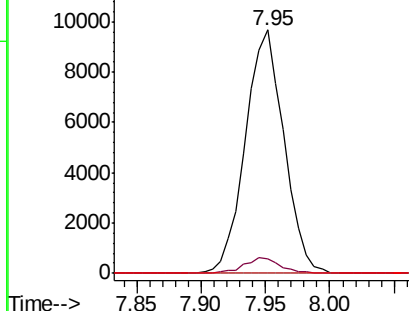
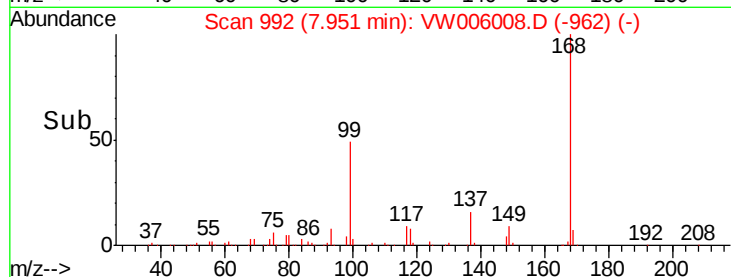
121 0.0 25.3 37.9#



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: 42.568 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006008.D

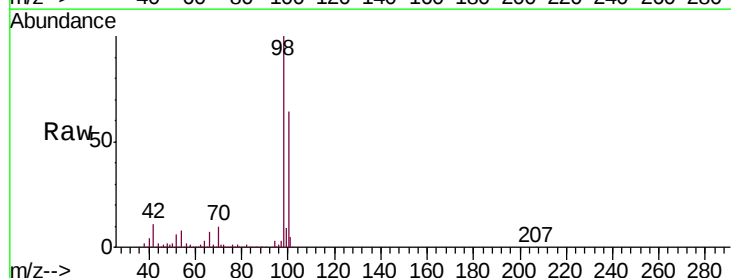
Acq: 11 Oct 2018 01:34

Tgt Ion: 98 Resp: 347645

Ion Ratio Lower Upper

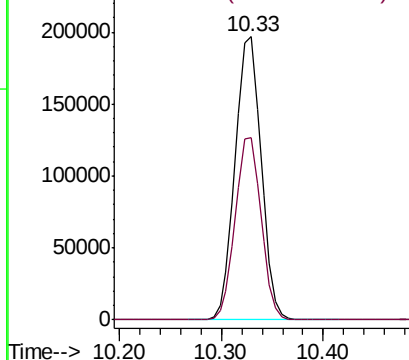
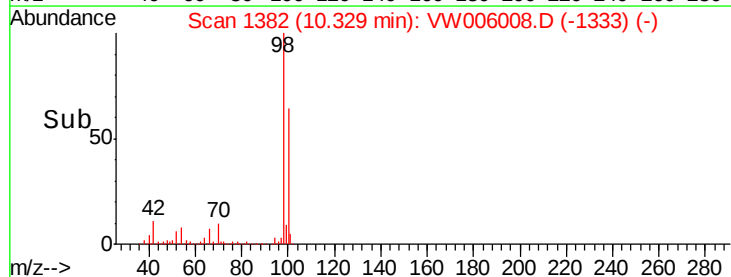
98 100

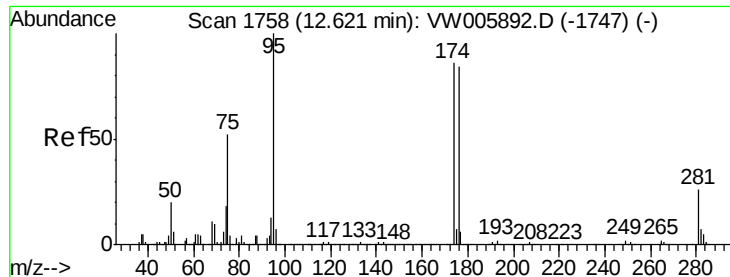
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

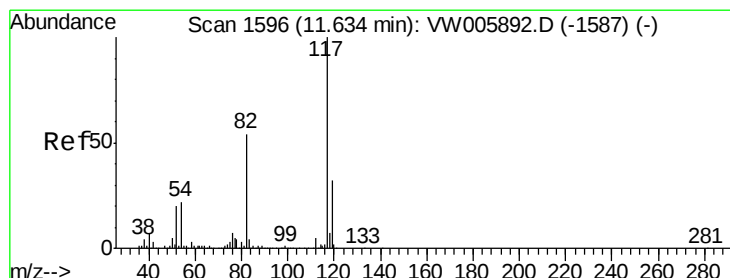
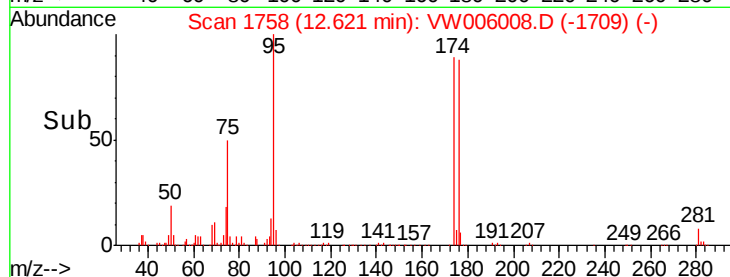
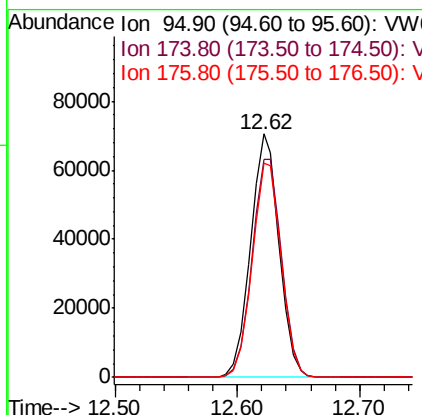
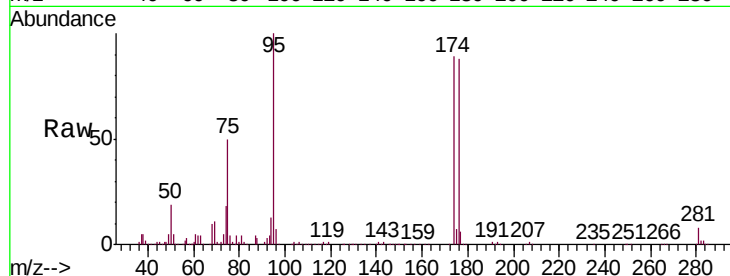




#62
4-Bromofluorobenzene
Concen: 36.760 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006008.D
Acq: 11 Oct 2018 01:34

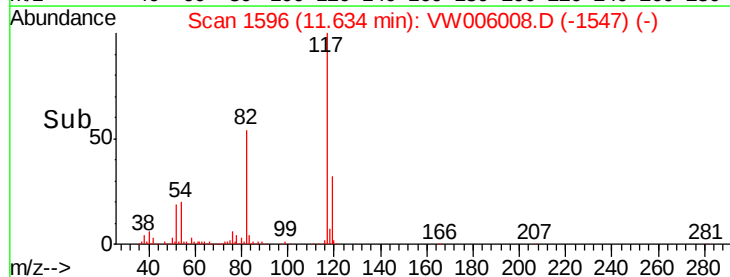
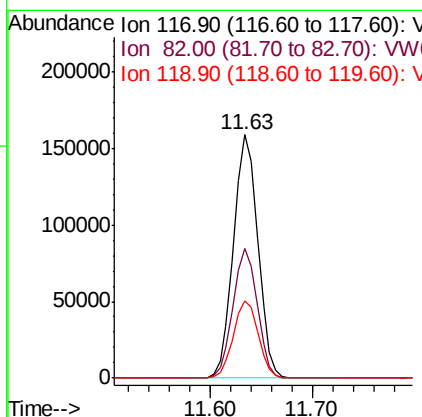
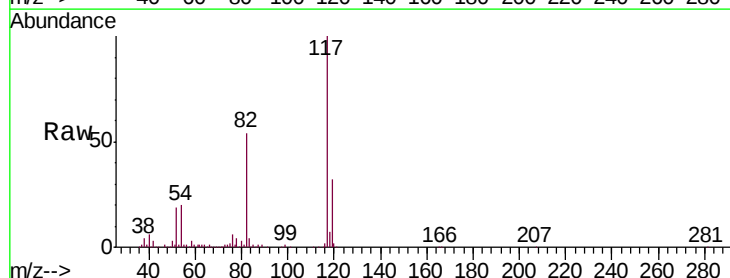
Instrument :
MSVOA_W
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RT1499-3783-RT3026

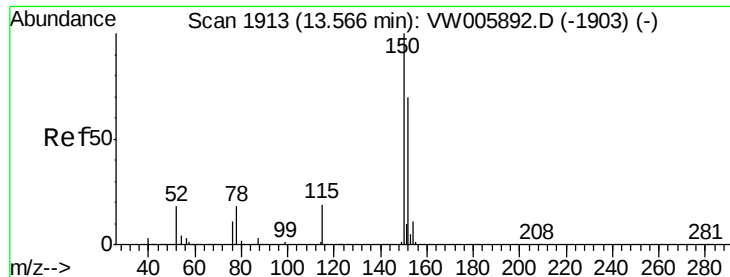
Tgt Ion: 95 Resp: 114221
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.4
176 89.7 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006008.D
Acq: 11 Oct 2018 01:34

Tgt Ion: 117 Resp: 261339
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

RT1499-3783-RT3026

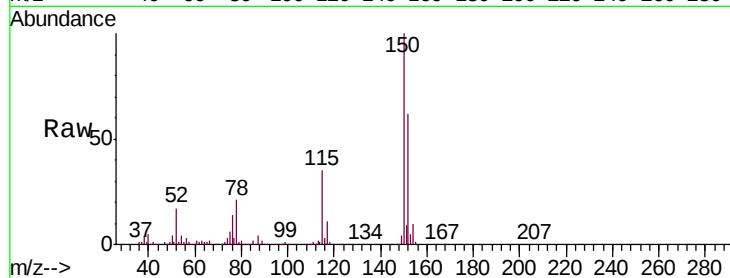
Tgt Ion: 152 Resp: 101346

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

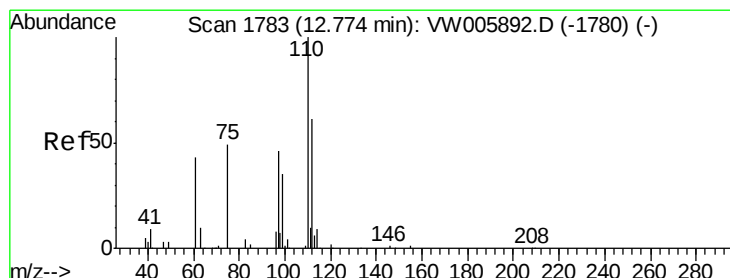
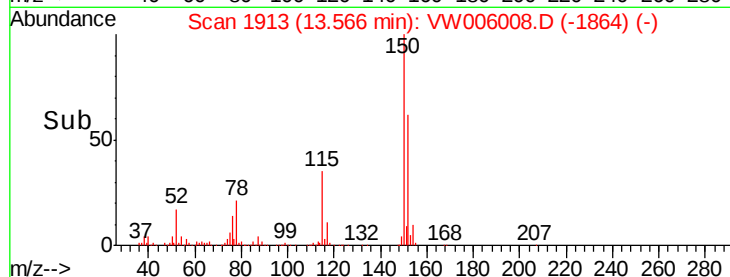
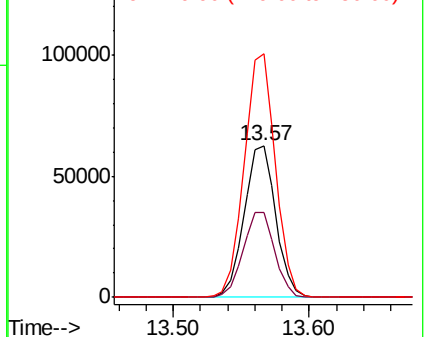
150 158.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 63.281 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006008.D

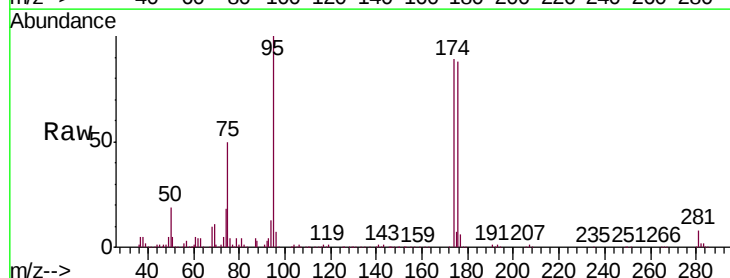
Acq: 11 Oct 2018 01:34

Tgt Ion: 75 Resp: 57288

Ion Ratio Lower Upper

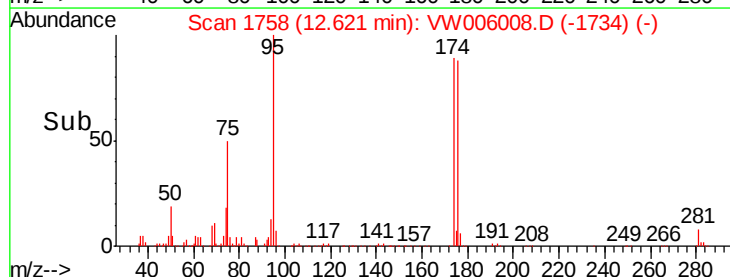
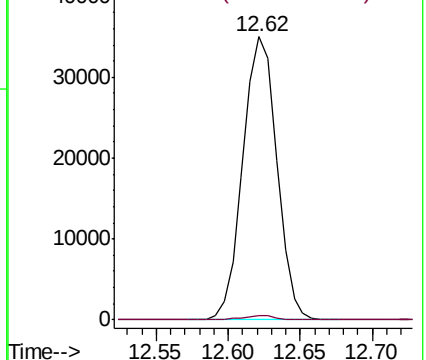
75 100

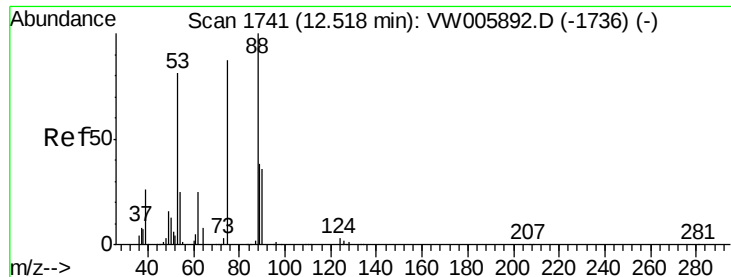
77 1.4 0.0 0.0#



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: 133.593 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006008.D

Acq: 11 Oct 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

RT1499-3783-RT3026

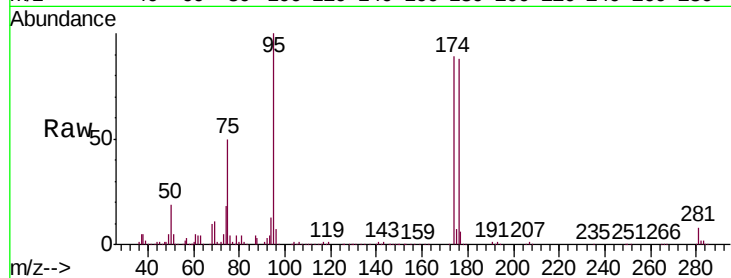
Tgt Ion: 75 Resp: 57288

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

