

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006353.D
 Acq On : 25 Oct 2018 08:22
 Operator : SY/AP
 Sample : J5624-08
 Misc : 4.26G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 10:52:23 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	230010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44419	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	123739	64.89	ug/l	0.00
Spiked Amount			Recovery	=	129.78%	
35) Dibromofluoromethane	7.88	113	120664	58.52	ug/l	0.00
Spiked Amount			Recovery	=	117.04%	
50) Toluene-d8	10.33	98	345777	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	12.62	95	62704	21.28	ug/l	0.00
Spiked Amount			Recovery	=	42.56%	

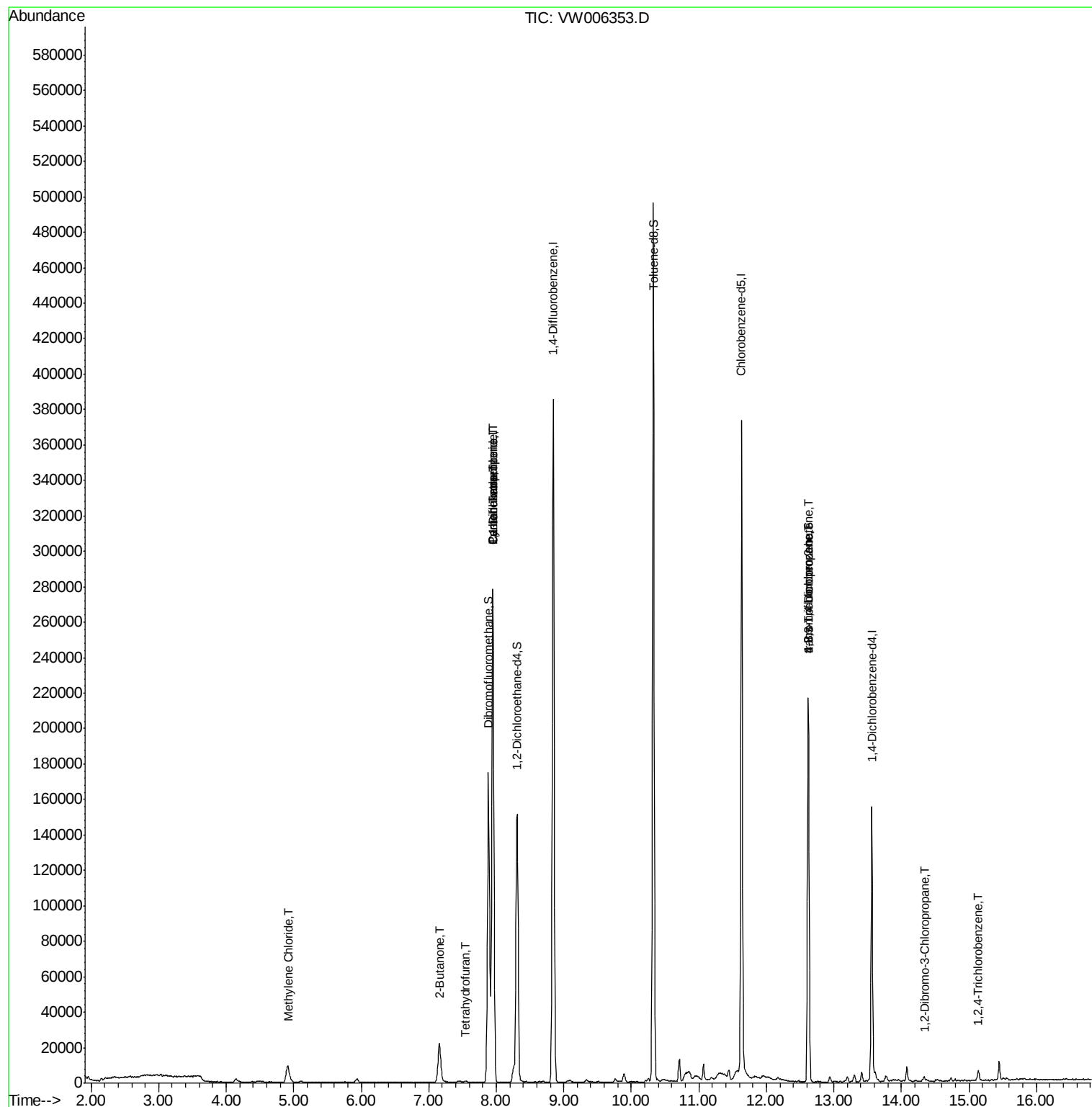
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3988	Below Cal		93
20) Methylene Chloride	4.91	84	8292	2.565	ug/l #	90
25) 2-Butanone	7.16	43	1414	2.745	ug/l #	68
29) Tetrahydrofuran	7.54	42	341	1.077	ug/l #	36
31) Cyclohexane	7.95	56	4113	1.179	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	14466	4.498	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20584	5.838	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	31561	93.025	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31561	222.367	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.33	75	107	1.252	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	2043	1.946	ug/l	92

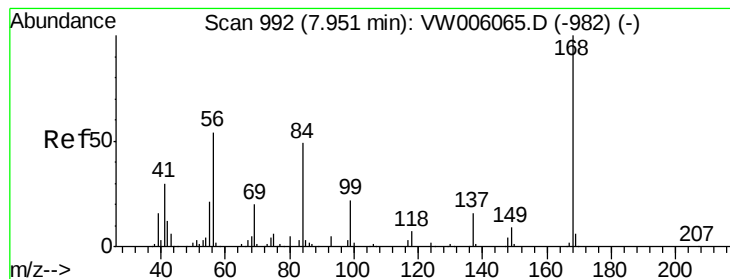
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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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: VW006353.D

Acq: 25 Oct 2018 08:22

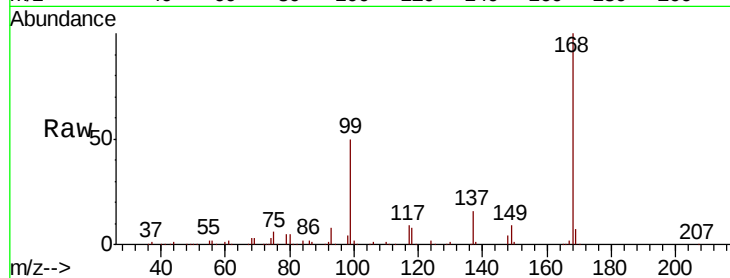
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 230010

Ion Ratio Lower Upper

168 100

99 50.0 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

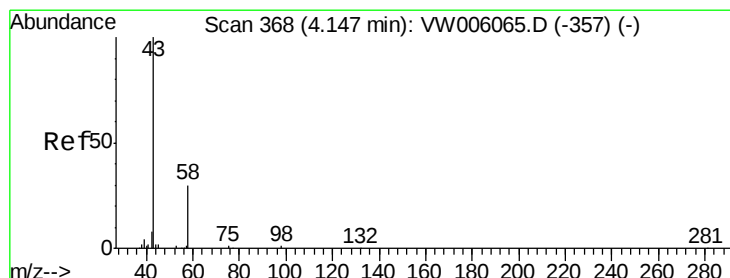
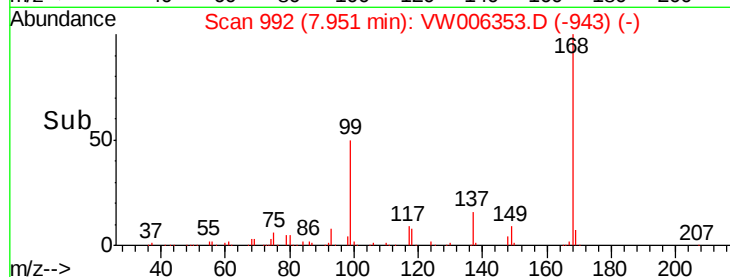
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006353.D

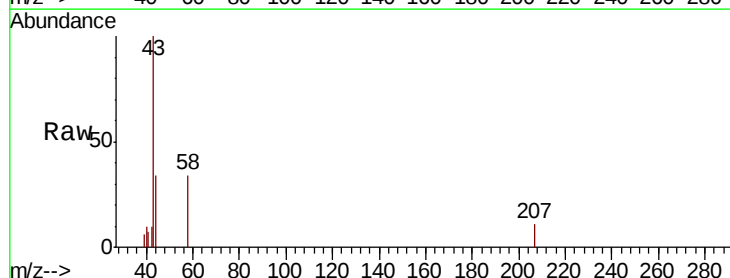
Acq: 25 Oct 2018 08:22

Tgt Ion: 43 Resp: 3988

Ion Ratio Lower Upper

43 100

58 33.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

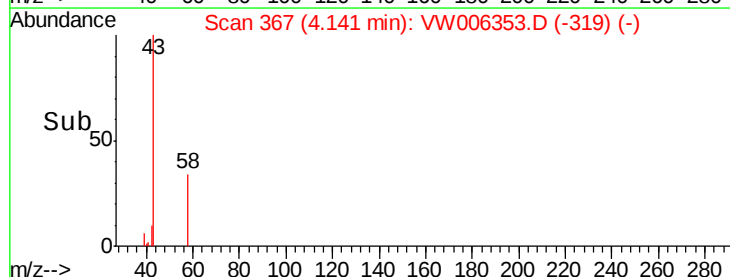
600

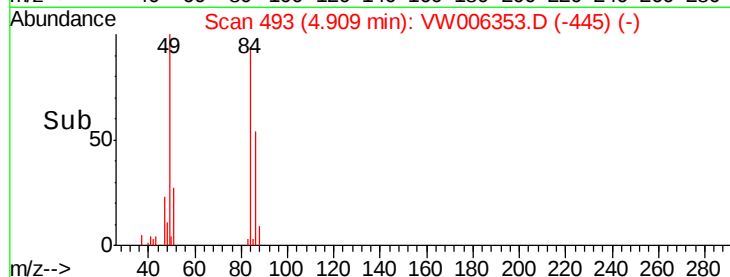
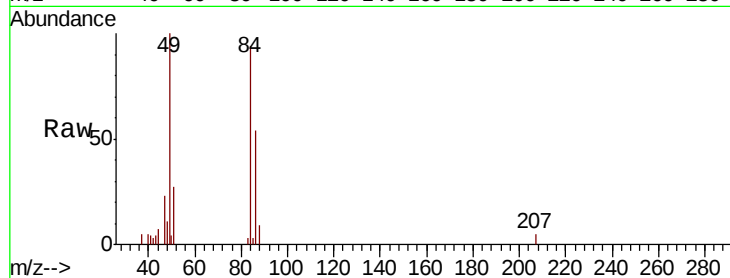
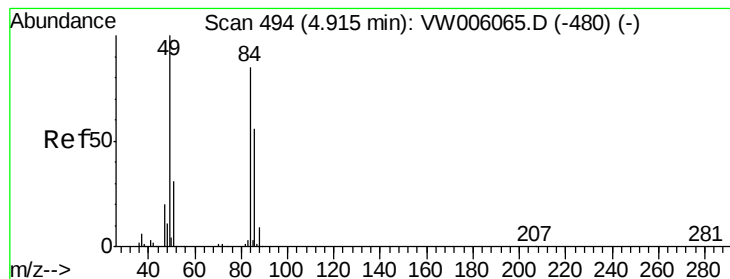
400

200

0

Time-->





#20

Methylene Chloride

Concen: 2.565 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006353.D

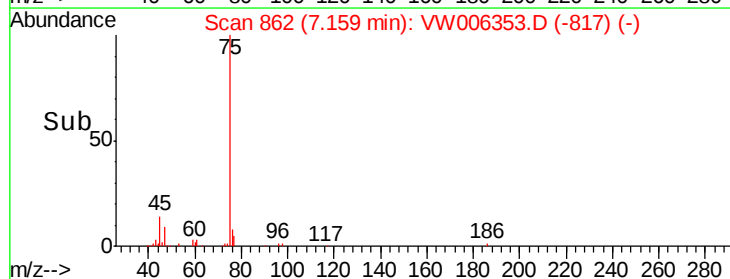
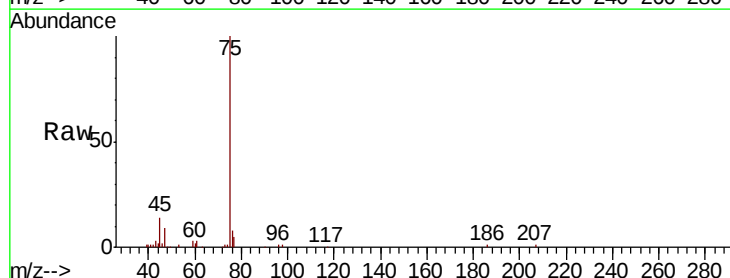
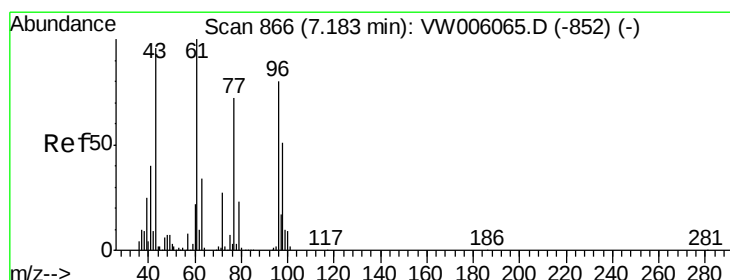
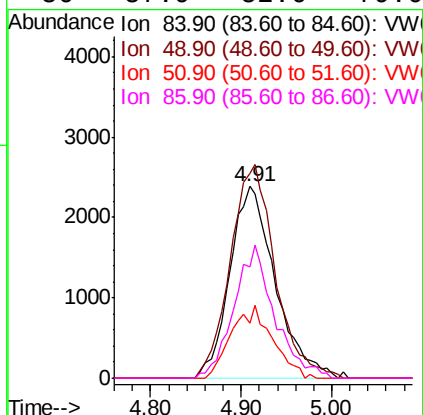
Acq: 25 Oct 2018 08:22

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	84	Resp:	8292
Ion	Ratio	Lower	Upper
84	100		
49	106.9	93.6	140.4
51	28.7	29.0	43.4#
86	57.9	52.6	79.0



#25

2-Butanone

Concen: 2.745 ug/l

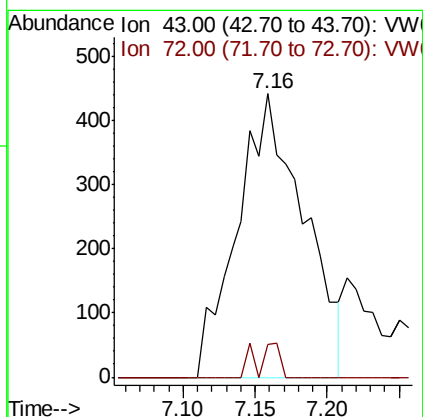
RT: 7.16 min Scan# 862

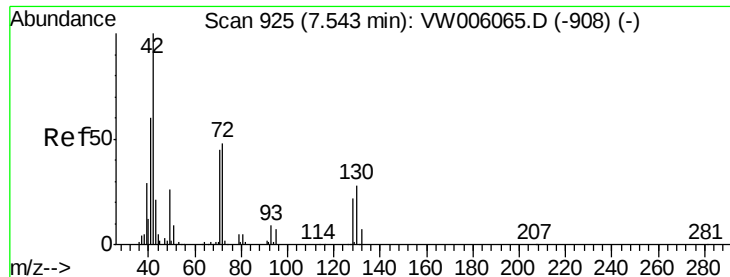
Delta R.T. -0.02 min

Lab File: VW006353.D

Acq: 25 Oct 2018 08:22

Tgt Ion:	43	Resp:	1414
Ion	Ratio	Lower	Upper
43	100		
72	11.6	22.8	34.2#

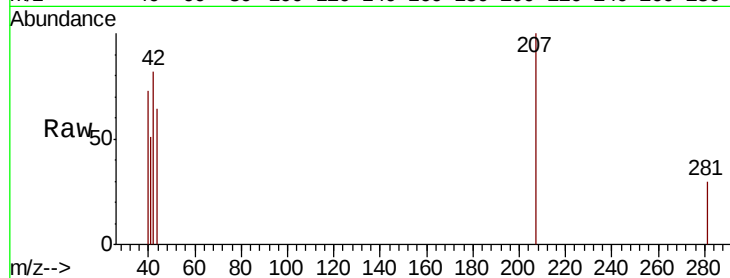




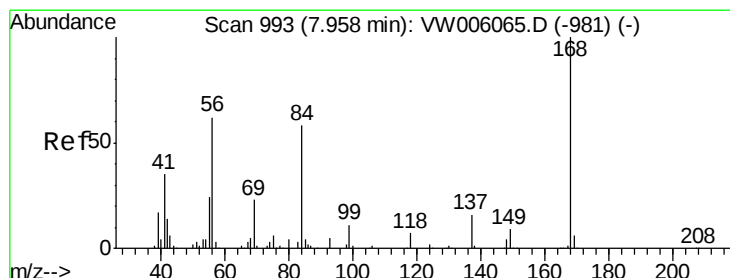
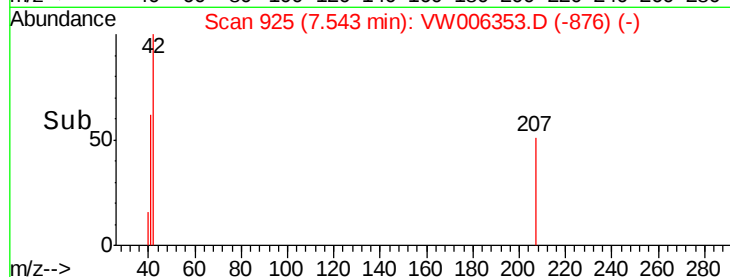
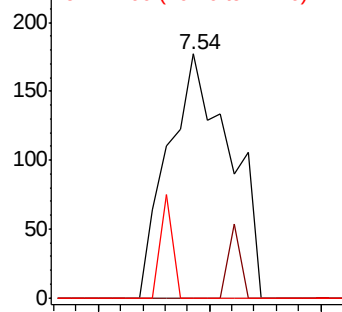
#29
Tetrahydrofuran
Concen: 1.077 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006353.D
Acq: 25 Oct 2018 08:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 341
Ion Ratio Lower Upper
42 100
72 0.0 38.0 57.0#
71 7.9 35.3 52.9#

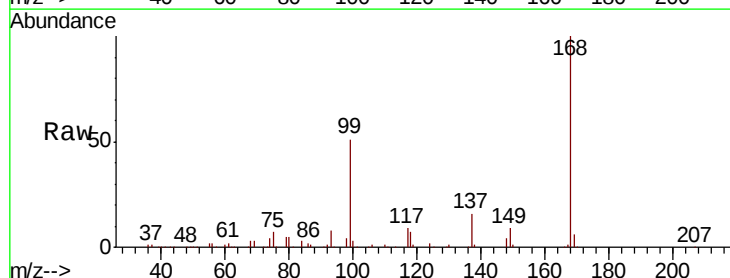


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

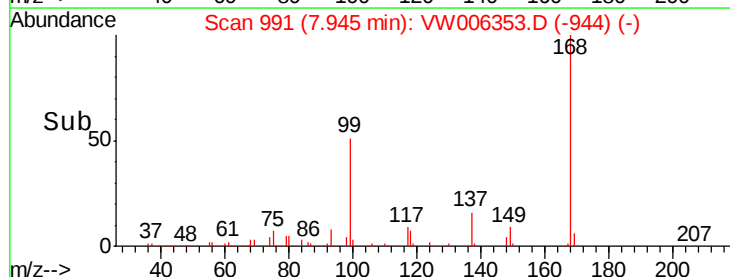
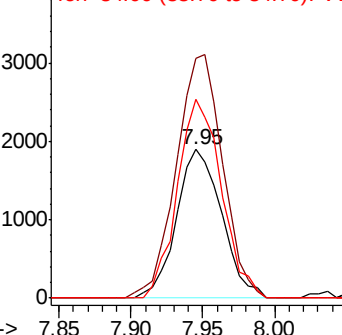


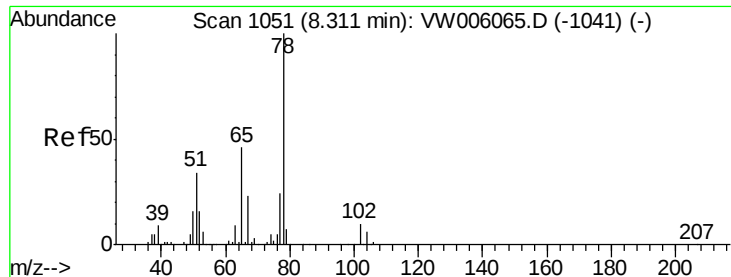
#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006353.D
Acq: 25 Oct 2018 08:22

Tgt Ion: 56 Resp: 4113
Ion Ratio Lower Upper
56 100
69 161.5 29.4 44.0#
84 133.6 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

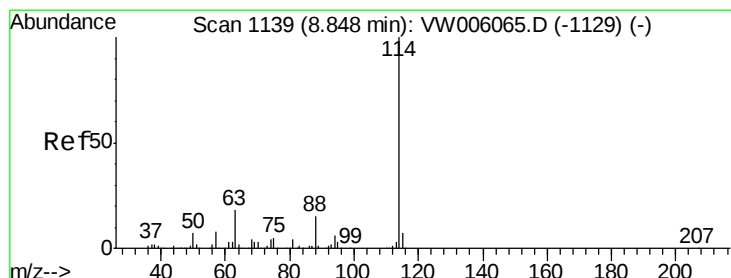
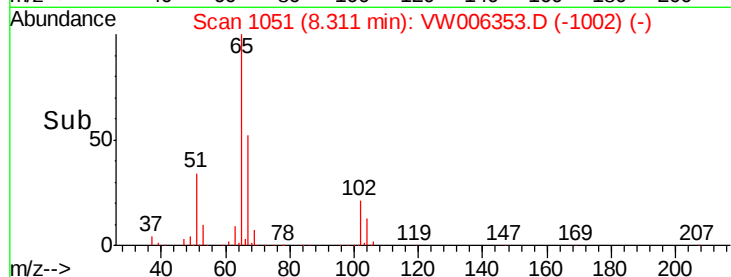
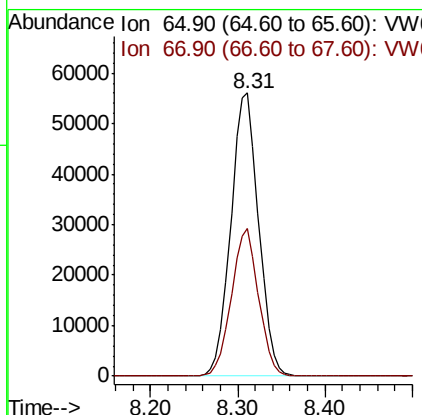
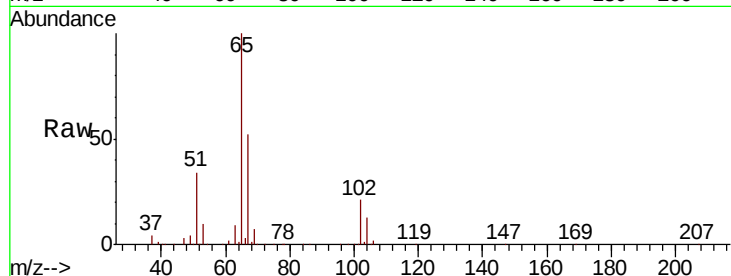




#33
 1,2-Dichloroethane-d4
 Concen: 64.890 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006353.D
 Acq: 25 Oct 2018 08:22

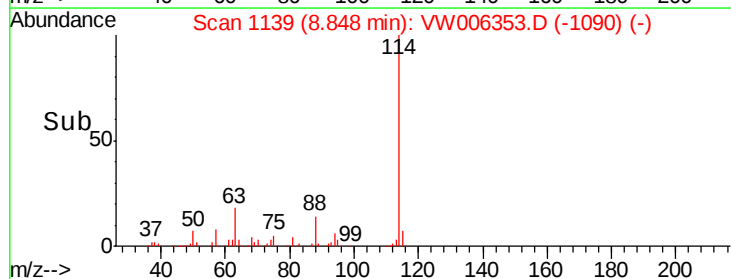
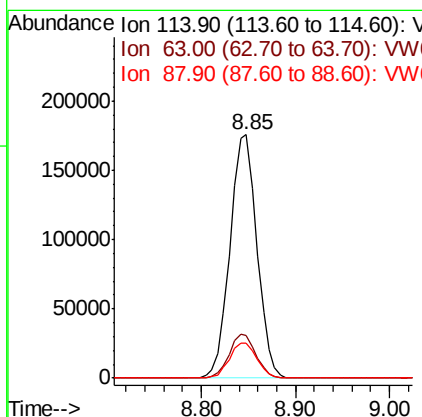
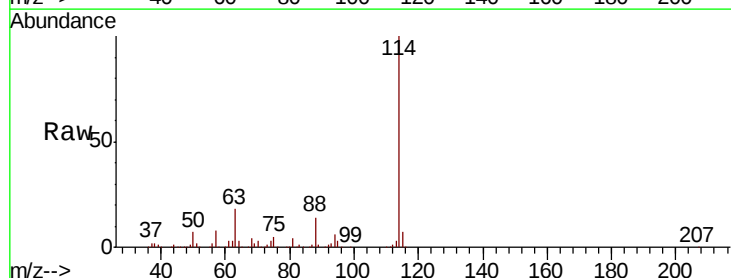
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 65 Resp: 123739
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006353.D
 Acq: 25 Oct 2018 08:22

Tgt Ion: 114 Resp: 348932
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.8
 88 14.3 0.0 29.0

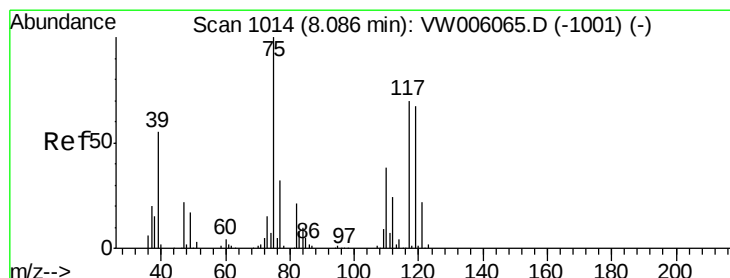
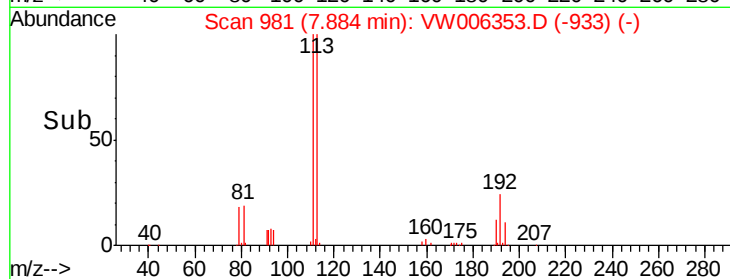
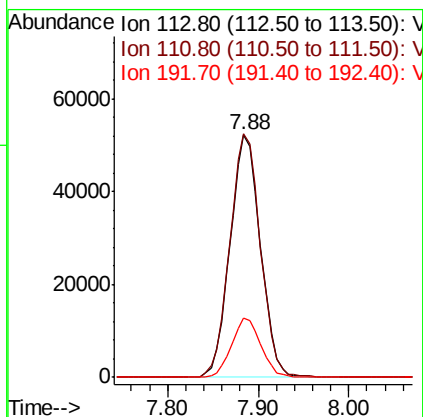
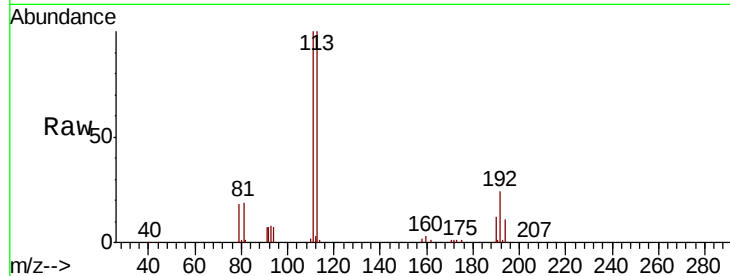




#35
 Dibromofluoromethane
 Concen: 58.523 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006353.D
 Acq: 25 Oct 2018 08:22

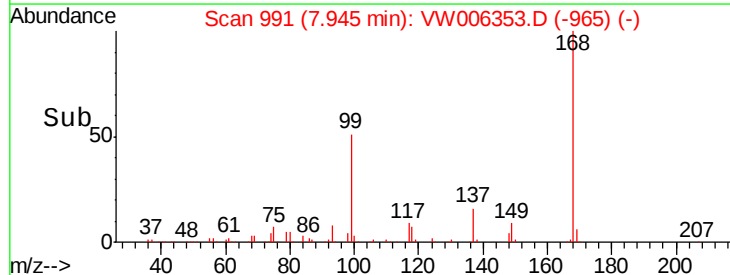
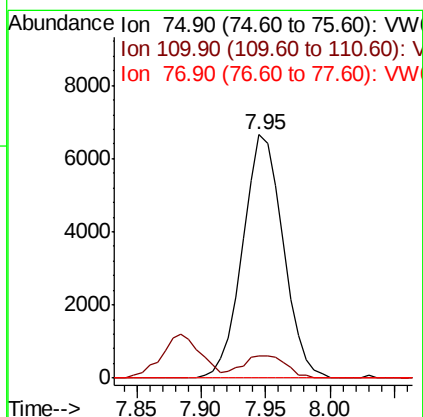
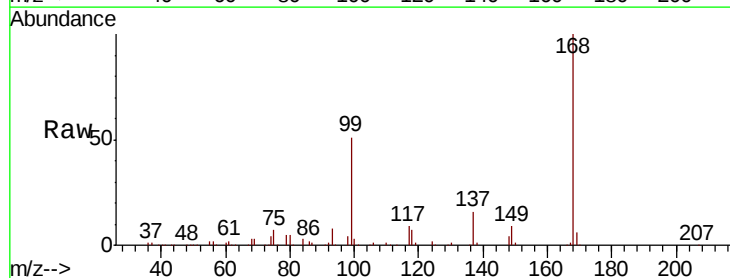
Instrument :
 MSVOA_W
 ClientSampleId :

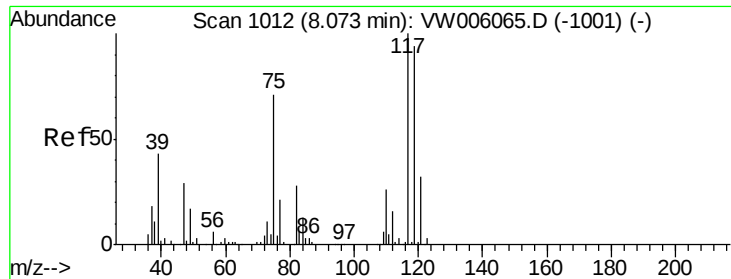
Tot Ion:113 Resp: 120664
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 23.7 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.498 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006353.D
 Acq: 25 Oct 2018 08:22

Tgt Ion: 75 Resp: 14466
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.838 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006353.D

Acq: 25 Oct 2018 08:22

Instrument :

MSVOA_W

ClientSampleId :

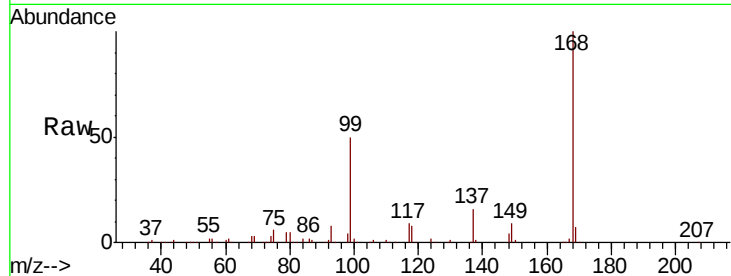
Tot Ion:117 Resp: 20584

Ion Ratio Lower Upper

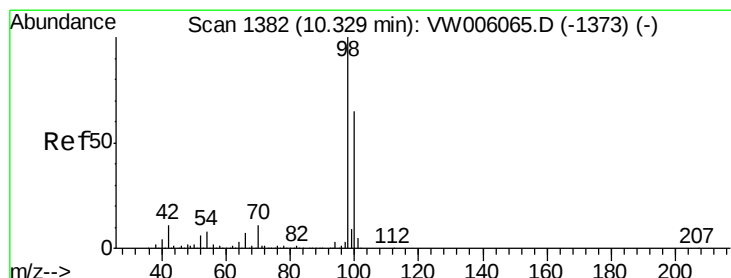
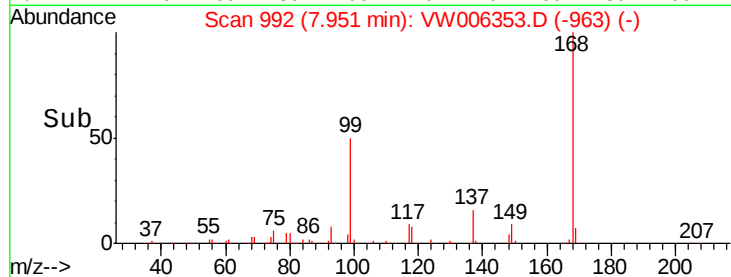
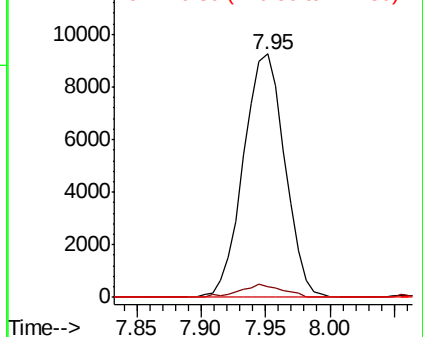
117 100

119 4.2 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: 44.080 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006353.D

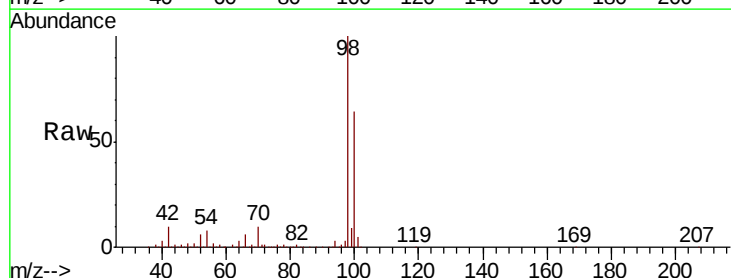
Acq: 25 Oct 2018 08:22

Tgt Ion: 98 Resp: 345777

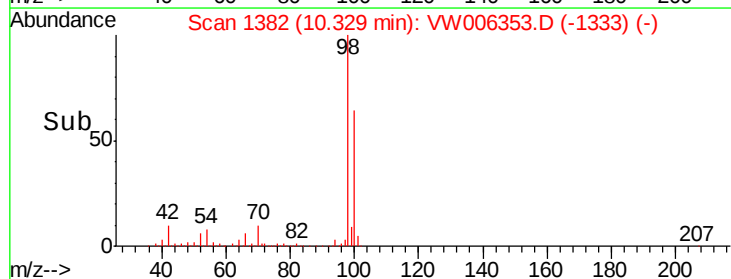
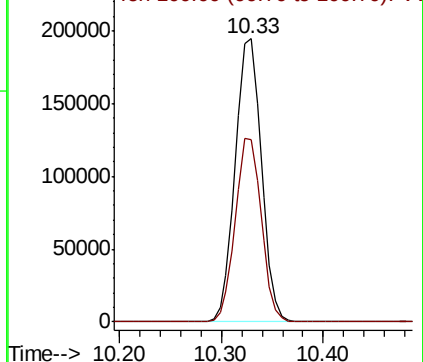
Ion Ratio Lower Upper

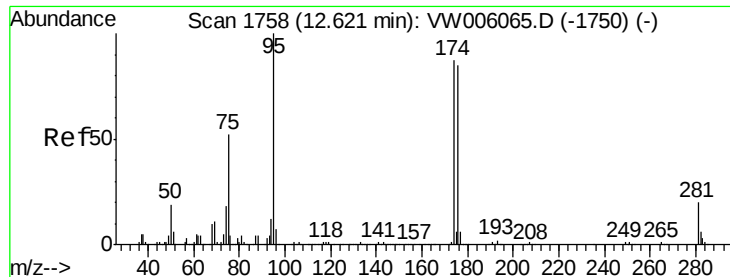
98 100

100 64.4 51.6 77.4



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

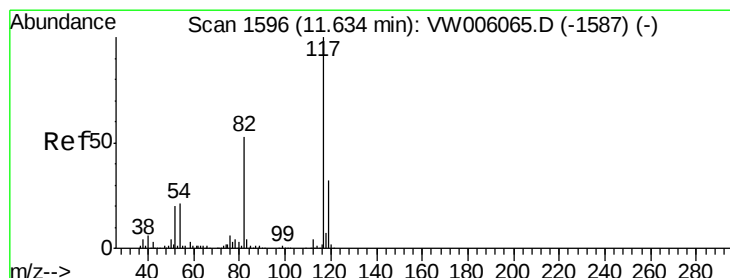
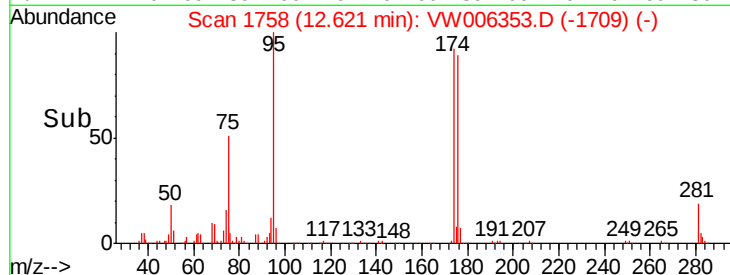
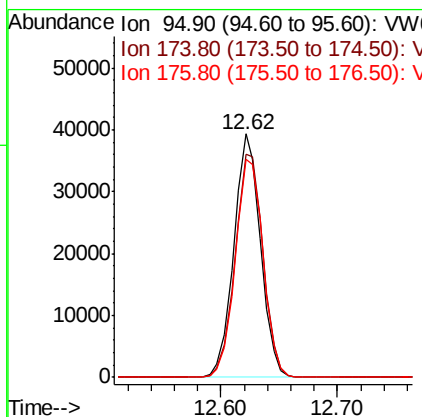
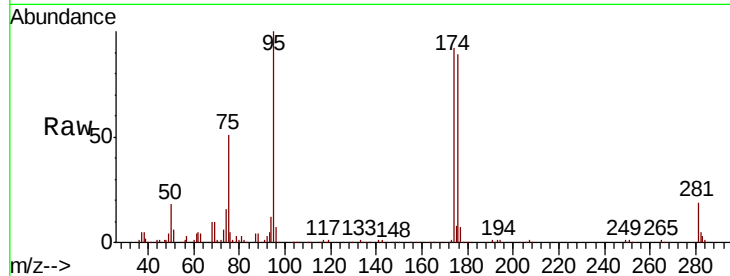




#62
4-Bromofluorobenzene
Concen: 21.283 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006353.D
Acq: 25 Oct 2018 08:22

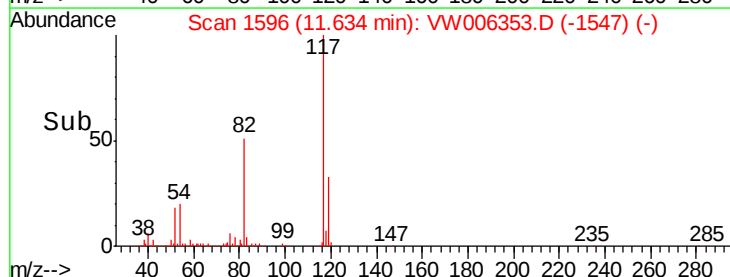
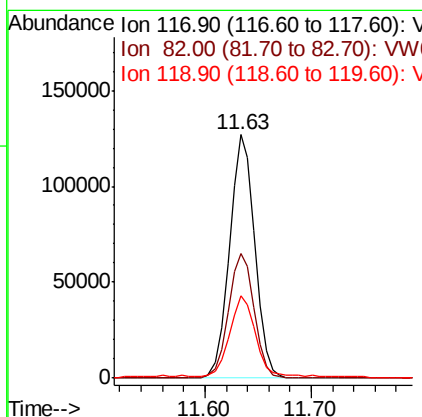
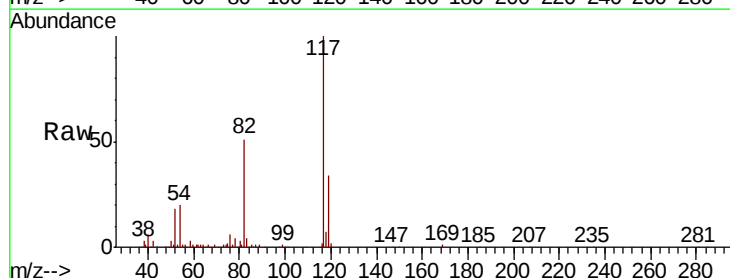
Instrument :
MSVOA_W
ClientSampleId :

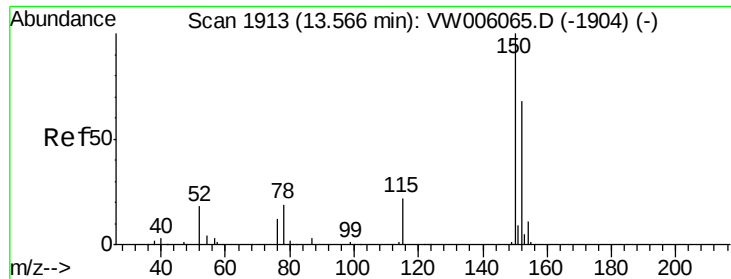
Tot Ion: 95 Resp: 62704
Ion Ratio Lower Upper
95 100
174 95.9 0.0 186.0
176 93.4 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006353.D
Acq: 25 Oct 2018 08:22

Tgt Ion: 117 Resp: 209926
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 33.0 25.8 38.6



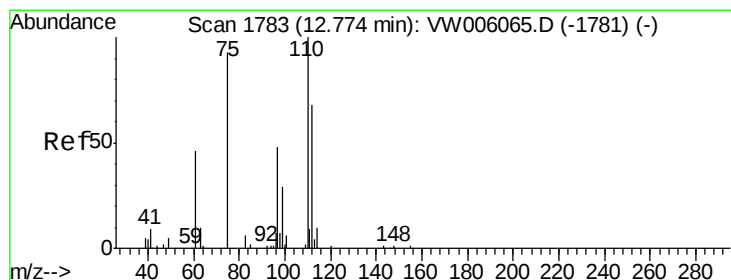
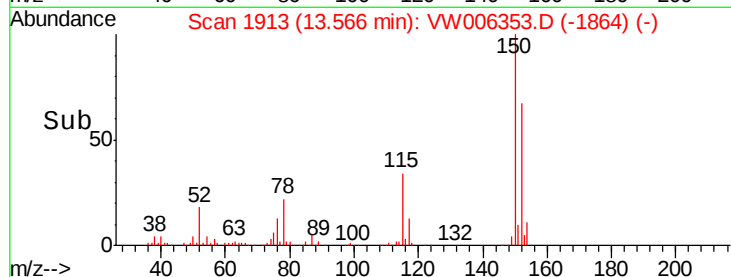
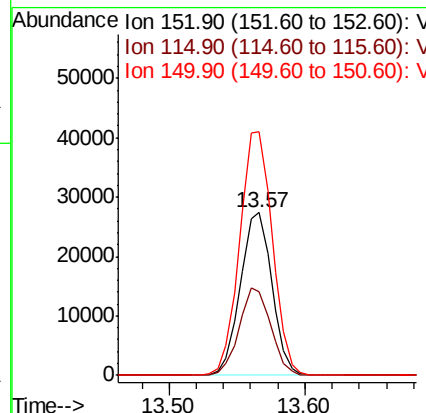
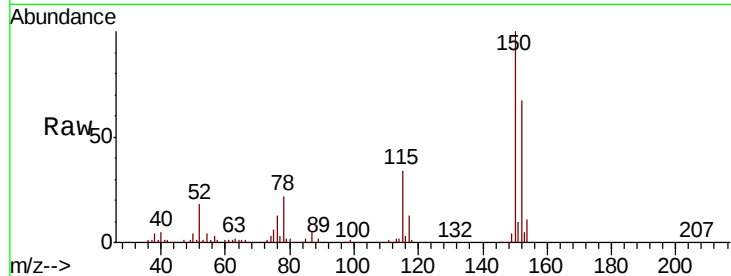


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006353.D
Acq: 25 Oct 2018 08:22

Instrument :
MSVOA_W
ClientSampleId :

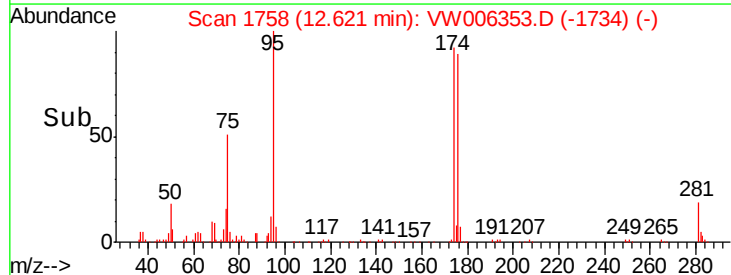
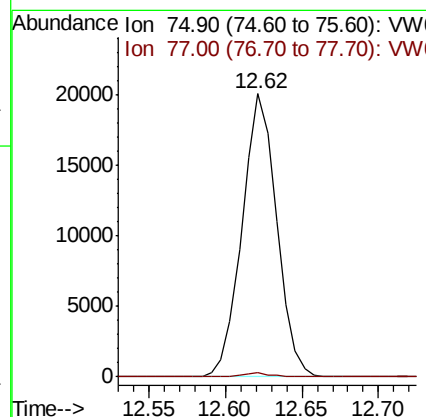
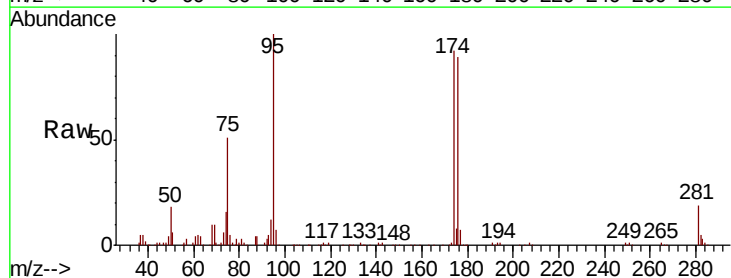
Tot Ion:152 Resp: 44419
Ion Ratio Lower Upper
152 100
115 53.6 27.8 83.3
150 154.7 0.0 349.2

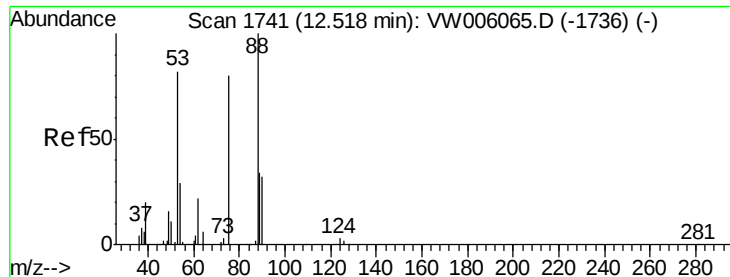


#76

1,2,3-Trichloropropane
Concen: 93.025 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006353.D
Acq: 25 Oct 2018 08:22

Tgt Ion: 75 Resp: 31561
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 222.367 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006353.D

Acq: 25 Oct 2018 08:22

Instrument :

MSVOA_W

ClientSampled :

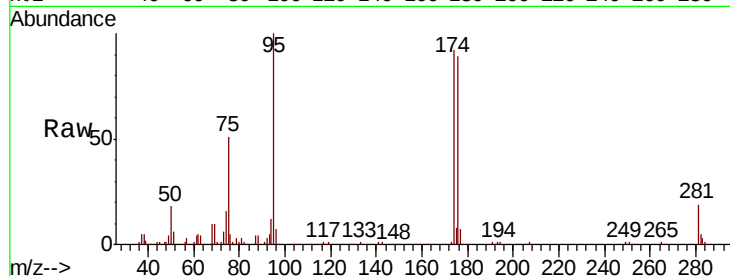
Tot Ion: 75 Resp: 31561

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

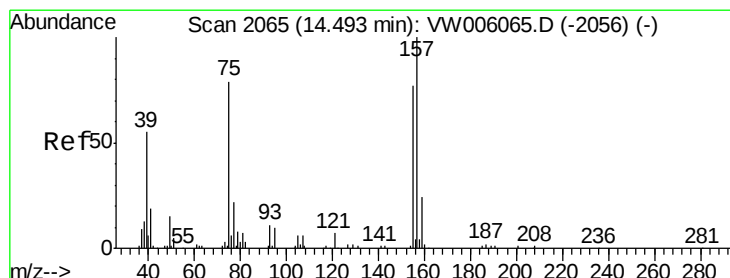
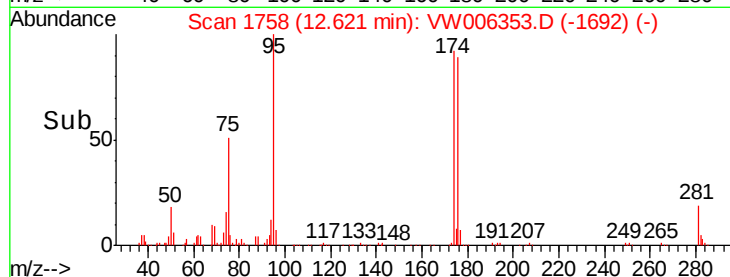
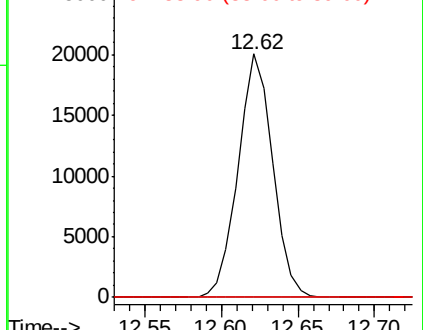
89 0.1 37.5 56.3#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.252 ug/l

RT: 14.33 min Scan# 2039

Delta R.T. -0.16 min

Lab File: VW006353.D

Acq: 25 Oct 2018 08:22

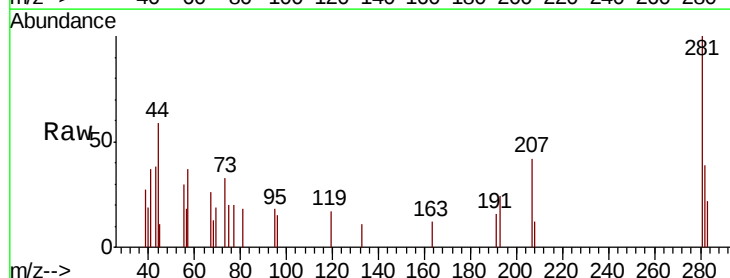
Tgt Ion: 75 Resp: 107

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

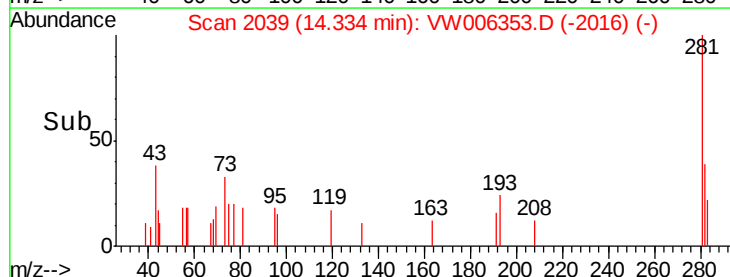
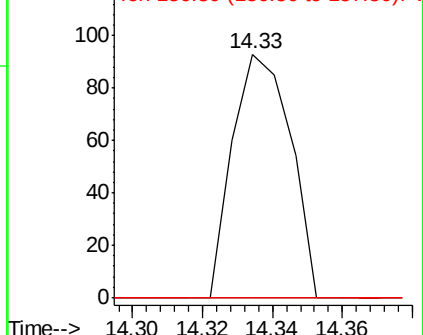
157 0.0 59.8 179.4#

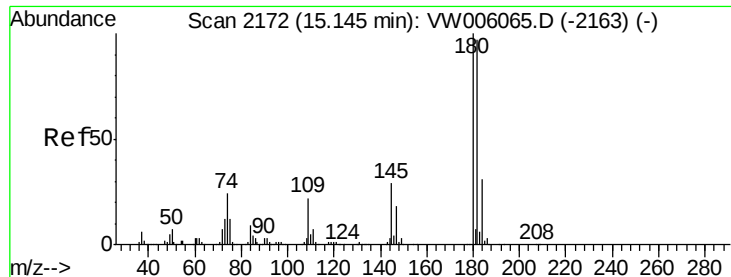


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93
 1,2,4-Trichlorobenzene
 Concen: 1.946 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006353.D
 Acq: 25 Oct 2018 08:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.1	47.9	143.6
145	34.6	14.2	42.8

