

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006398.D
 Acq On : 26 Oct 2018 09:03
 Operator : SY/AP
 Sample : J5618-07RE
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 26 11:16:07 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	249367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126234	61.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.12%	
35) Dibromofluoromethane	7.88	113	123968	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.33	98	458514	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	152199	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

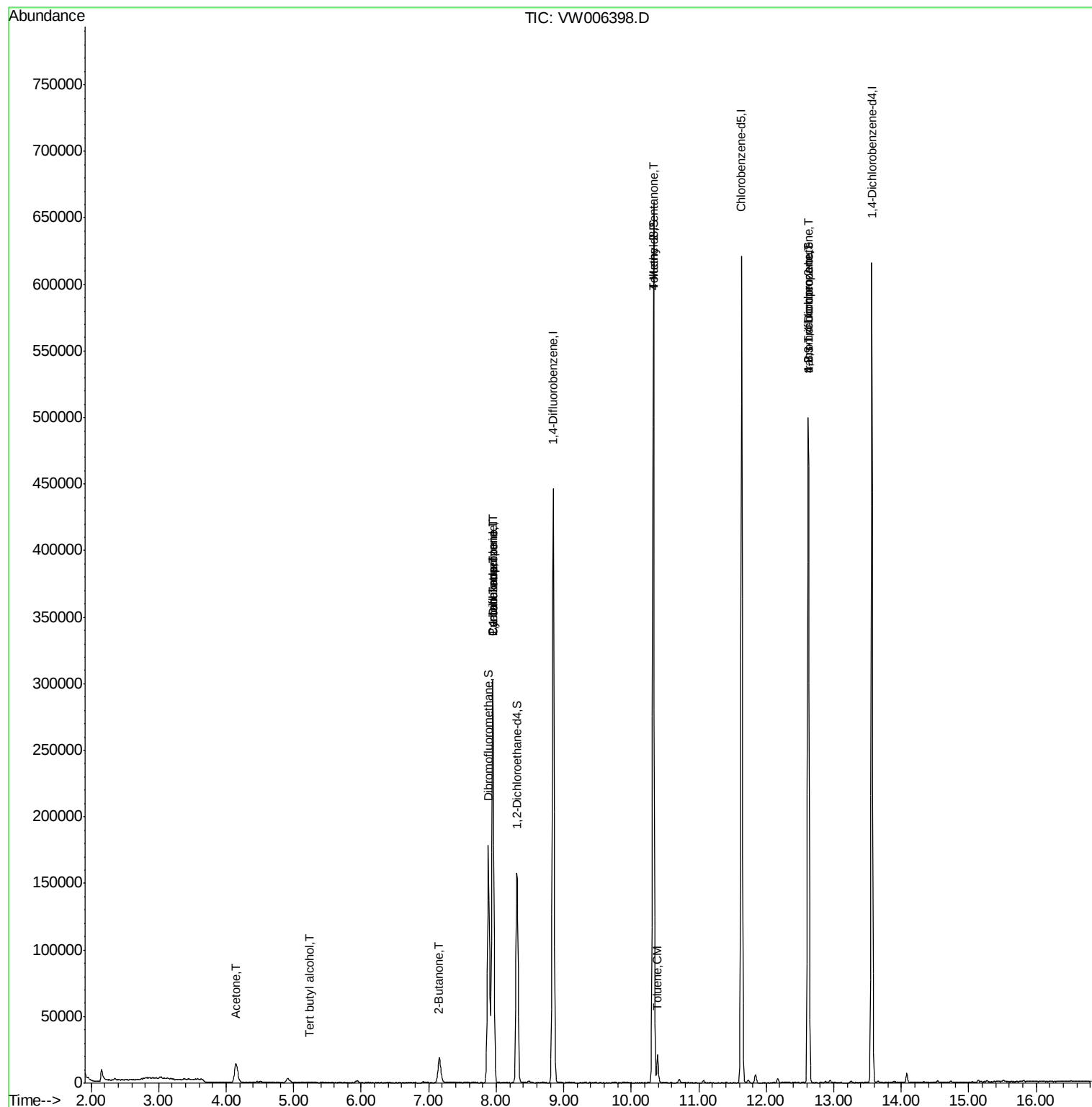
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	788	5.667	ug/l #	71
16) Acetone	4.15	43	31111	69.526	ug/l	97
20) Methylene Chloride	4.91	84	2628	Below Cal		96
25) 2-Butanone	7.15	43	1339	2.397	ug/l #	76
31) Cyclohexane	7.96	56	4381	1.158	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	16039	4.413	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22199	5.572	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1723	1.246	ug/l #	1
52) Toluene	10.39	92	8560	1.281	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	76888	57.451	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76888	137.331	ug/l #	10

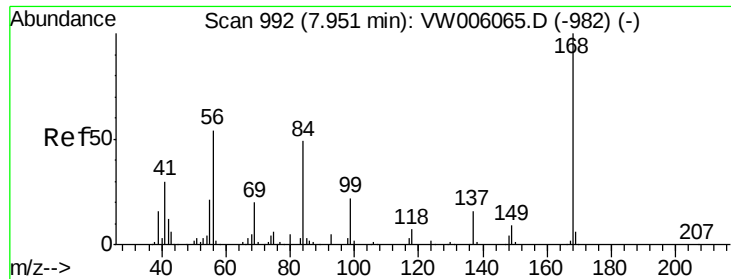
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 11:16:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006398.D

Acq: 26 Oct 2018 09:03

Instrument :

MSVOA_W

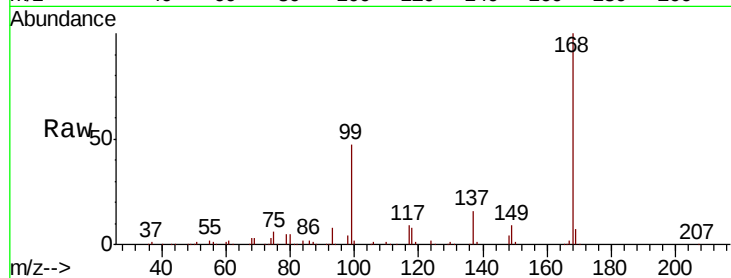
ClientSampled :

Tot Ion:168 Resp: 249367

Ion Ratio Lower Upper

168 100

99 46.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

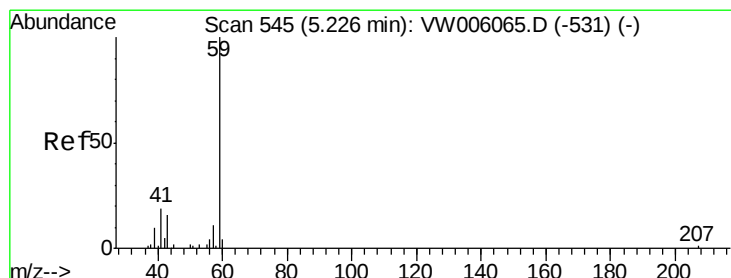
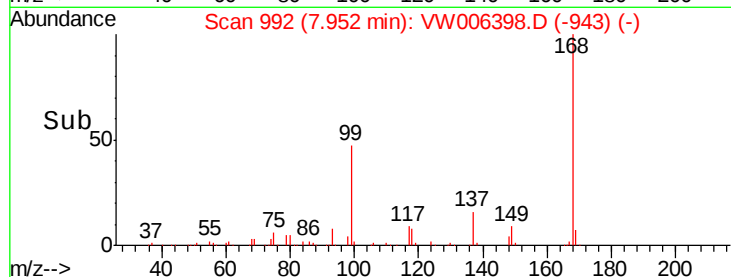
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.667 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006398.D

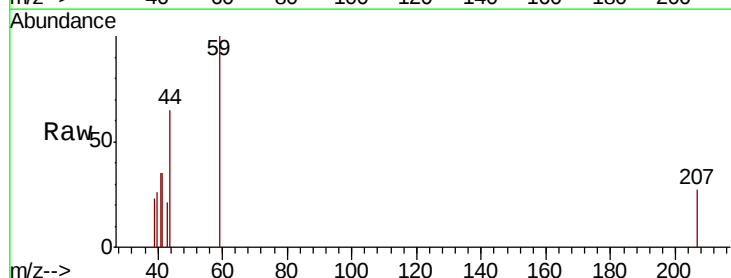
Acq: 26 Oct 2018 09:03

Tgt Ion: 59 Resp: 788

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

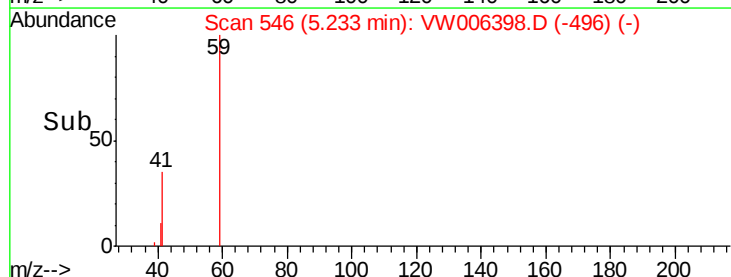
300

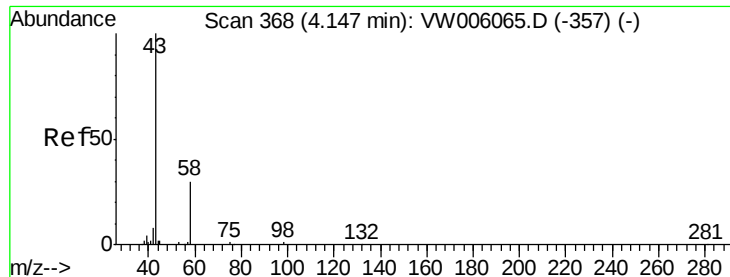
200

100

0

Time-->





#16

Acetone

Concen: 69.526 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006398.D

Acq: 26 Oct 2018 09:03

Instrument :

MSVOA_W

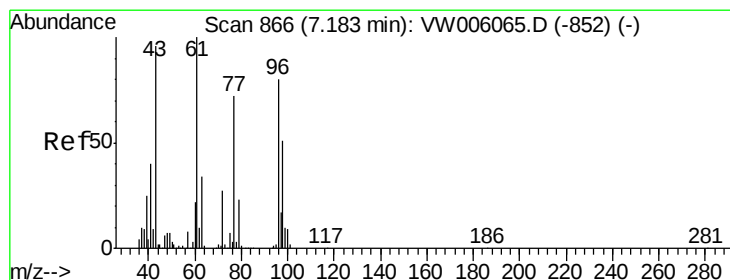
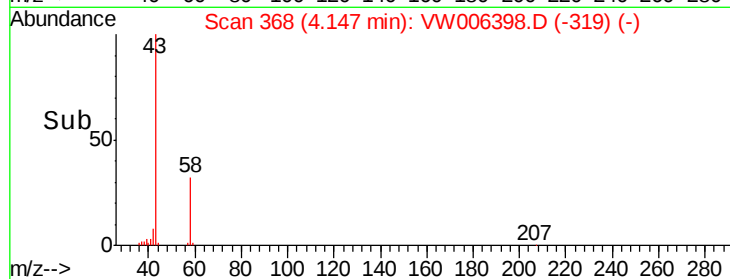
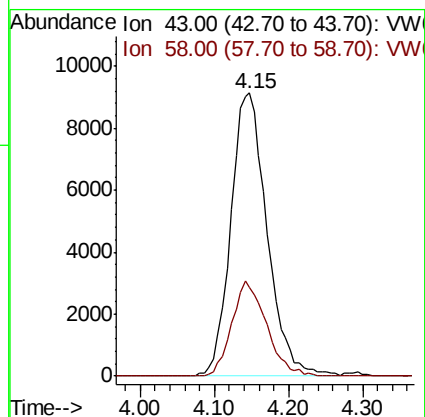
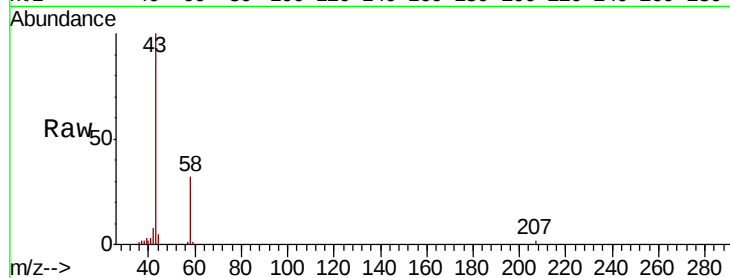
ClientSampled :

Tot Ion: 43 Resp: 31111

Ion Ratio Lower Upper

43 100

58 31.5 24.0 36.0



#25

2-Butanone

Concen: 2.397 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006398.D

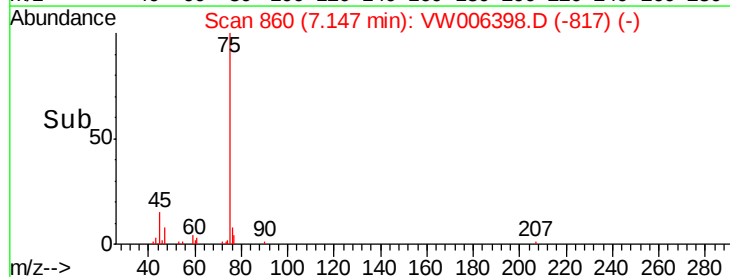
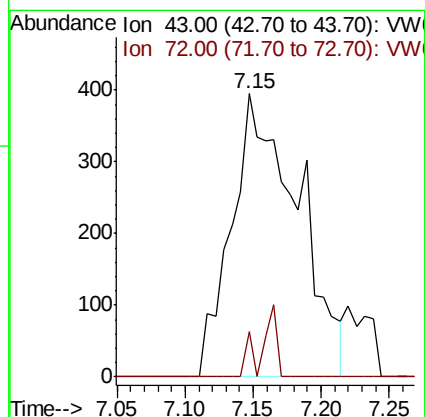
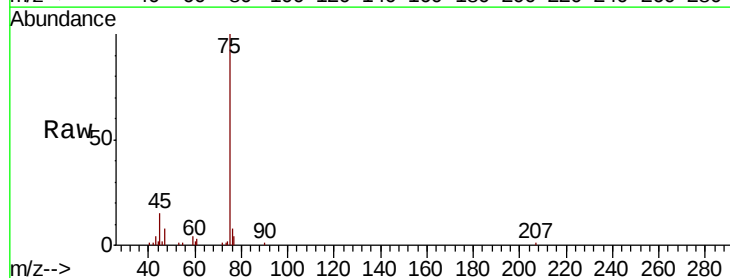
Acq: 26 Oct 2018 09:03

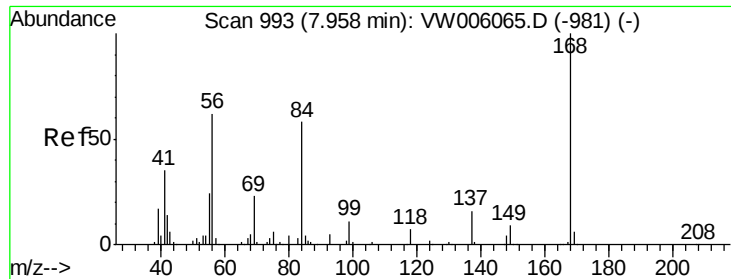
Tgt Ion: 43 Resp: 1339

Ion Ratio Lower Upper

43 100

72 15.9 22.8 34.2#

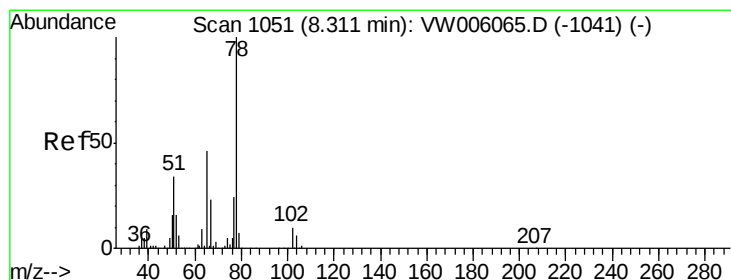
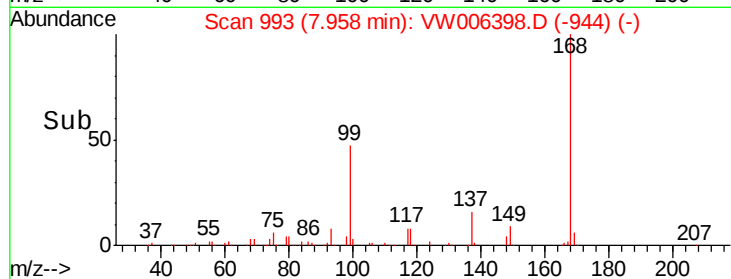
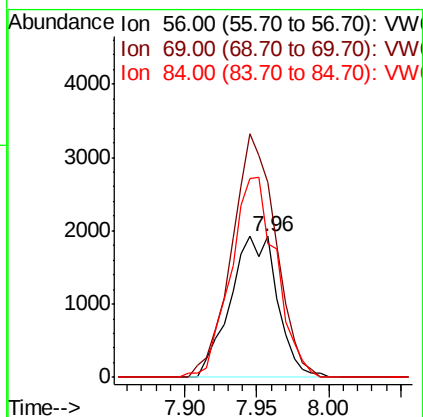
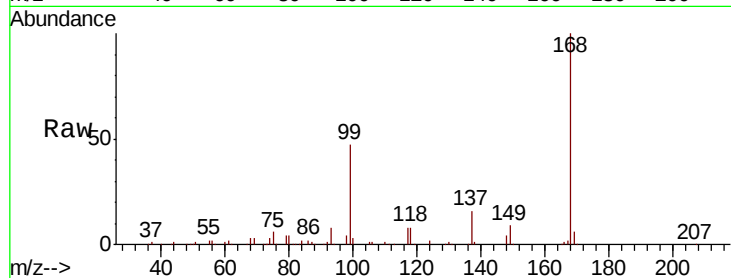




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006398.D
Acq: 26 Oct 2018 09:03

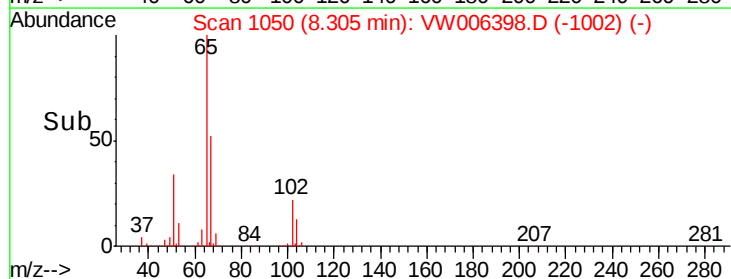
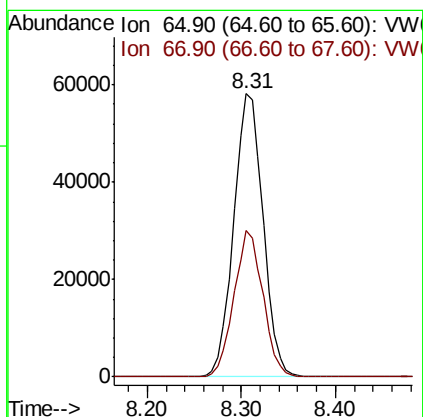
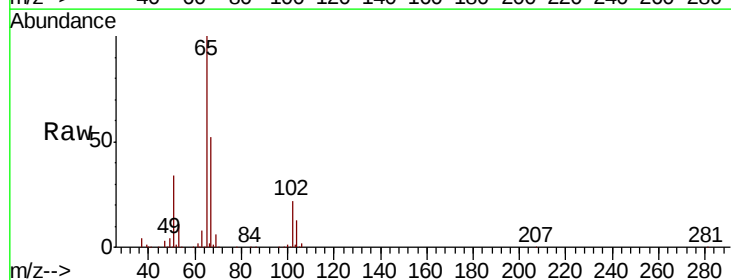
Instrument :
MSVOA_W
ClientSampled :

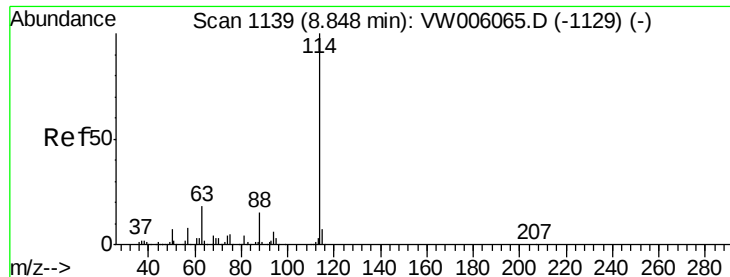
Tot Ion: 56 Resp: 4381
Ion Ratio Lower Upper
56 100
69 138.4 29.4 44.0#
84 94.2 74.0 111.0



#33
1,2-Dichloroethane-d4
Concen: 61.060 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006398.D
Acq: 26 Oct 2018 09:03

Tgt Ion: 65 Resp: 126234
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.0

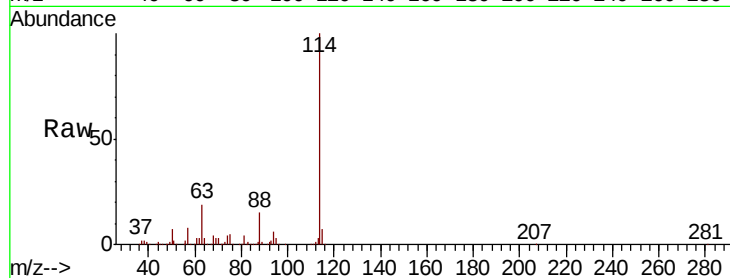




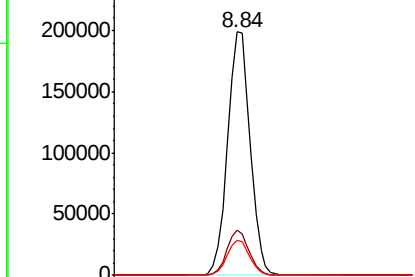
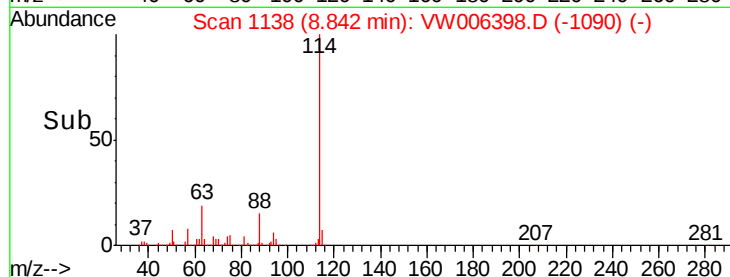
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006398.D
 Acq: 26 Oct 2018 09:03

Instrument :
 MSVOA_W
 ClientSampleId :

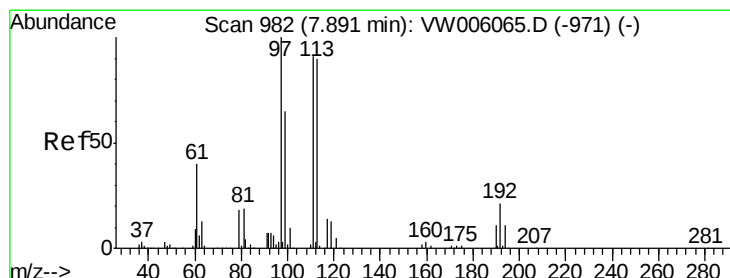
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.8
88	14.6	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

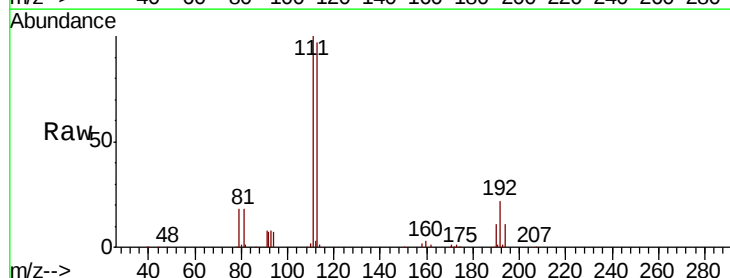


Time-->

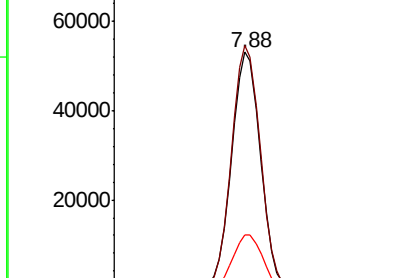
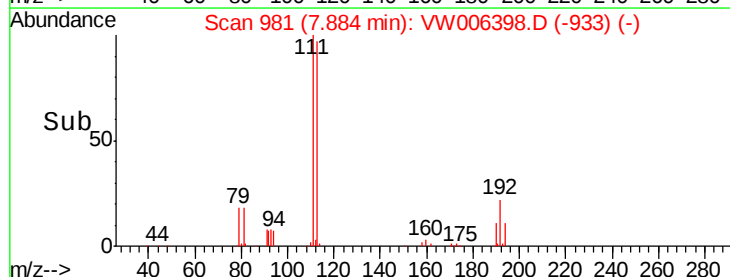


#35
 Dibromofluoromethane
 Concen: 53.210 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006398.D
 Acq: 26 Oct 2018 09:03

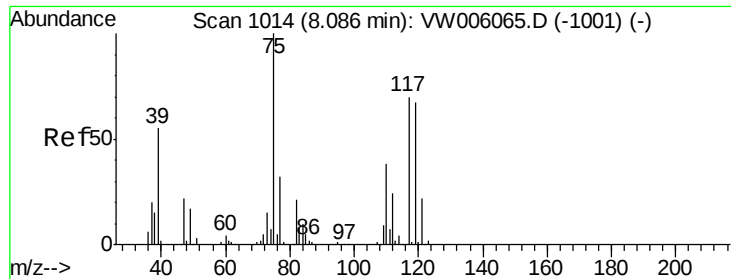
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	23.4	18.7	28.1



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



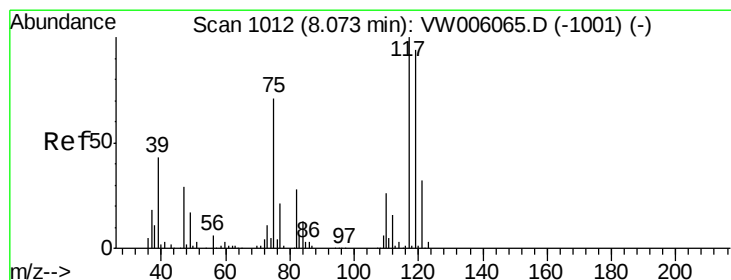
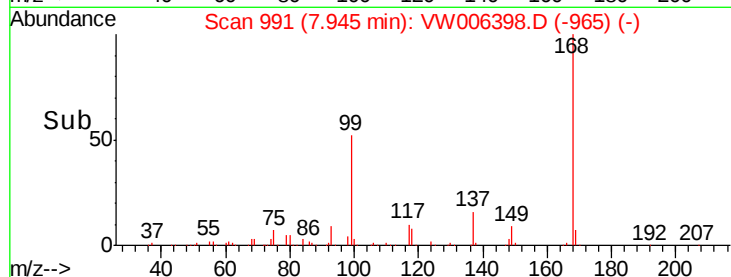
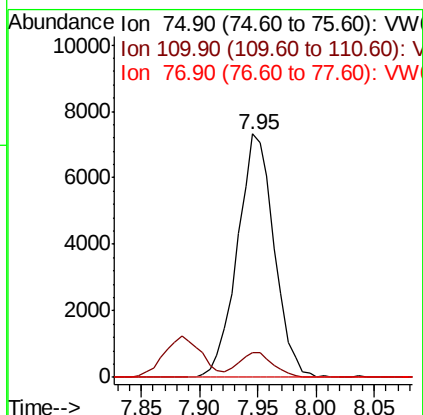
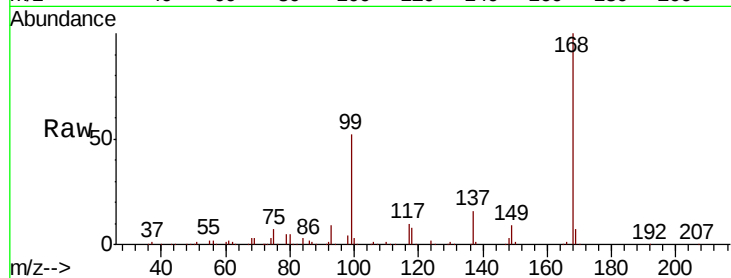
Time-->



#36
 1,1-Dichloropropene
 Concen: 4.413 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006398.D
 Acq: 26 Oct 2018 09:03

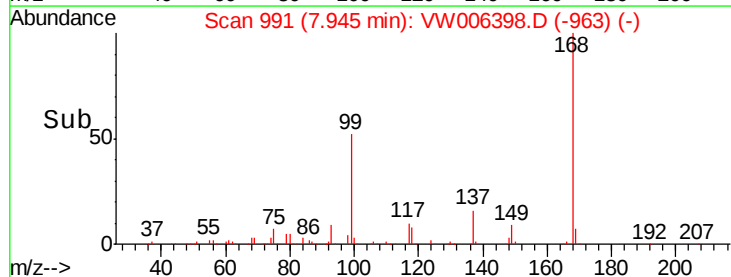
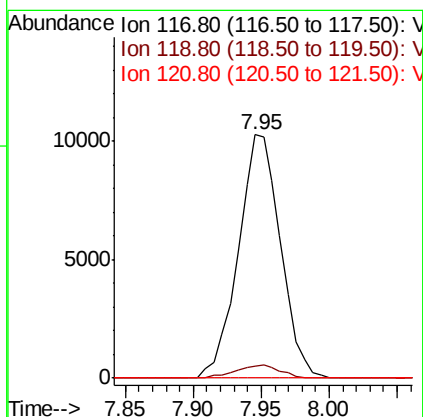
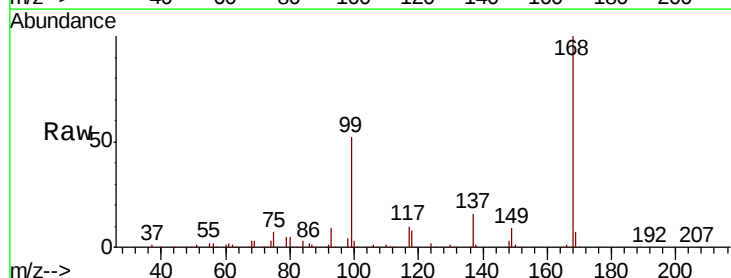
Instrument :
 MSVOA_W
 ClientSampled :

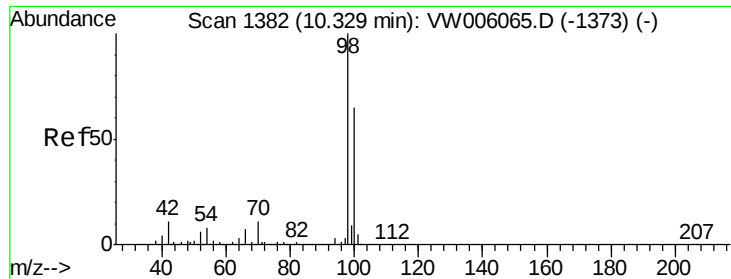
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.572 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006398.D
 Acq: 26 Oct 2018 09:03

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





#50

Toluene-d8

Concen: 51.729 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006398.D

Acq: 26 Oct 2018 09:03

Instrument :

MSVOA_W

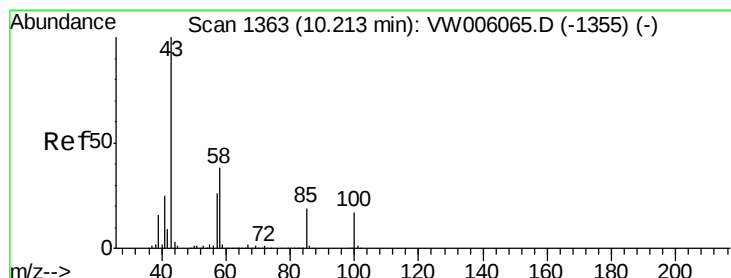
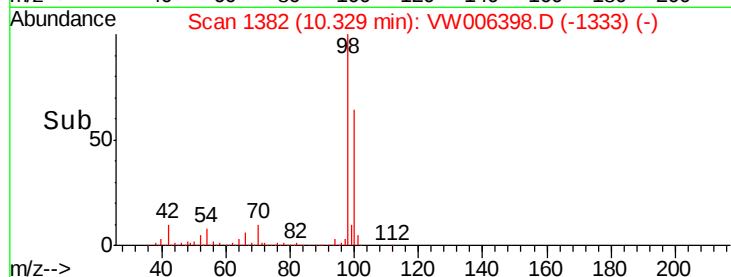
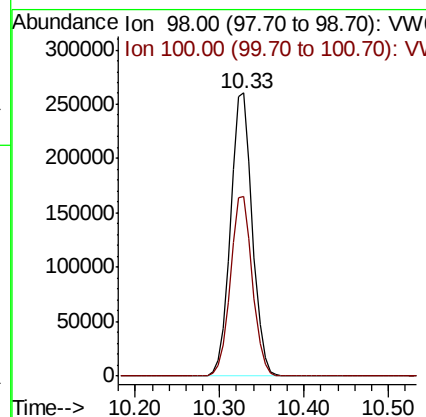
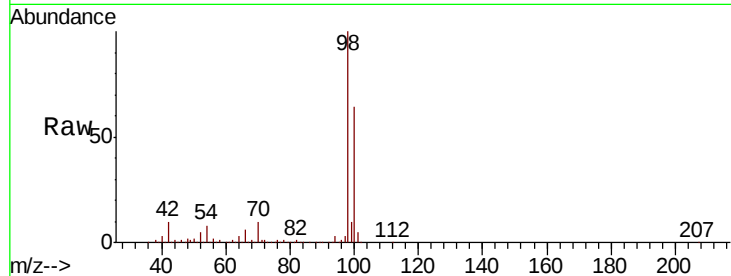
ClientSampleId :

Tot Ion: 98 Resp: 458514

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.246 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006398.D

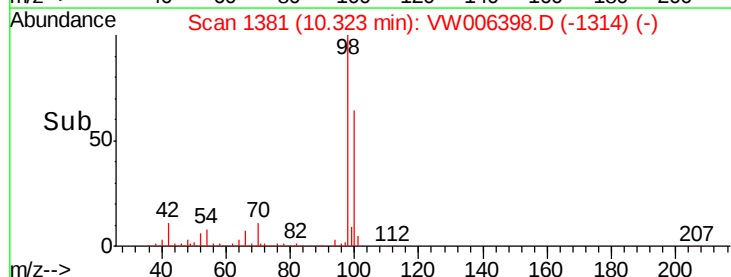
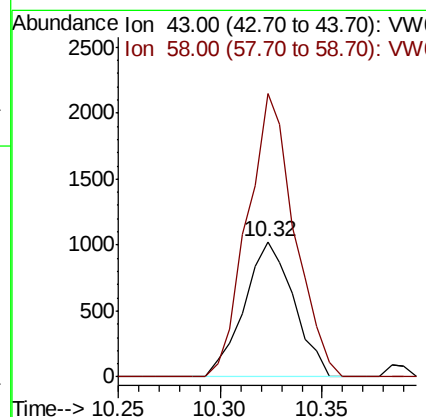
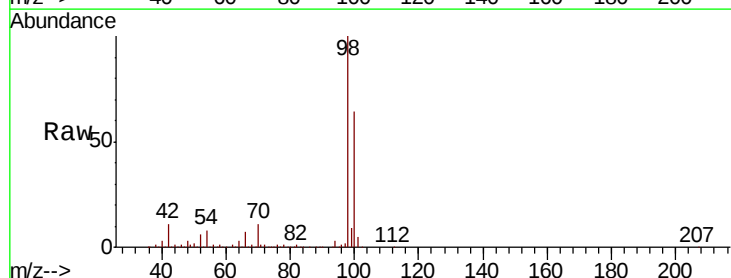
Acq: 26 Oct 2018 09:03

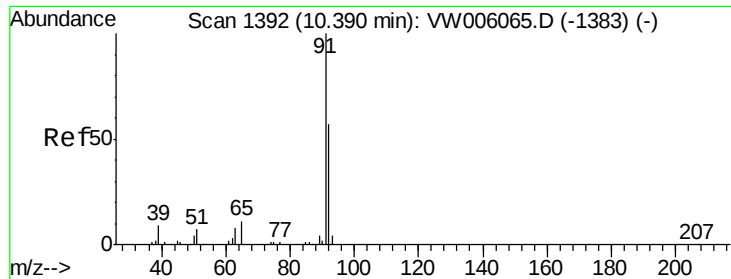
Tgt Ion: 43 Resp: 1723

Ion Ratio Lower Upper

43 100

58 200.7 31.5 47.3#





#52

Toluene

Concen: 1.281 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006398.D

Acq: 26 Oct 2018 09:03

Instrument :

MSVOA_W

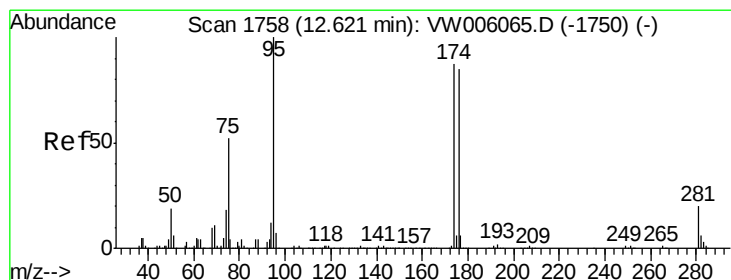
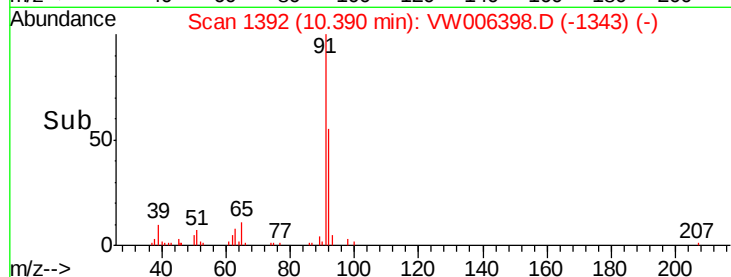
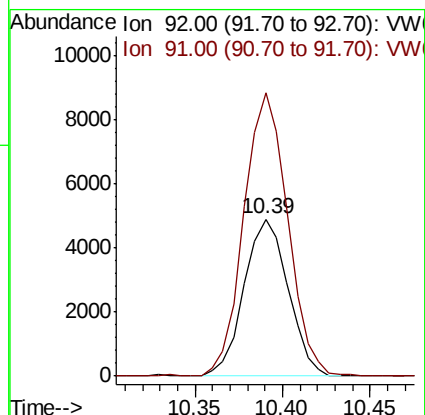
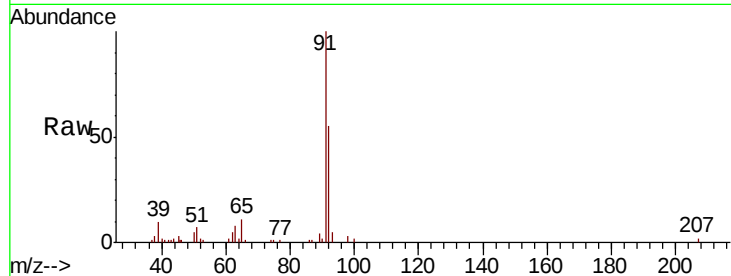
ClientSampleId :

Tot Ion: 92 Resp: 8560

Ion Ratio Lower Upper

92 100

91 179.8 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 45.718 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006398.D

Acq: 26 Oct 2018 09:03

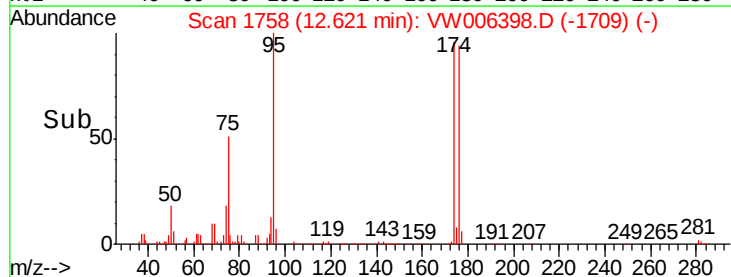
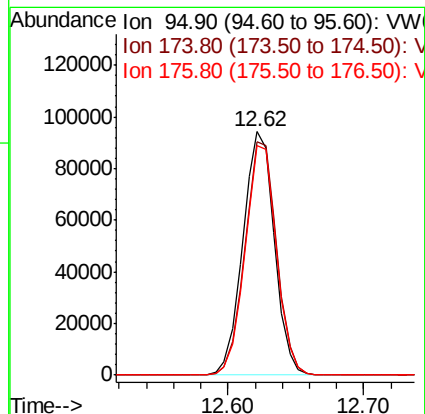
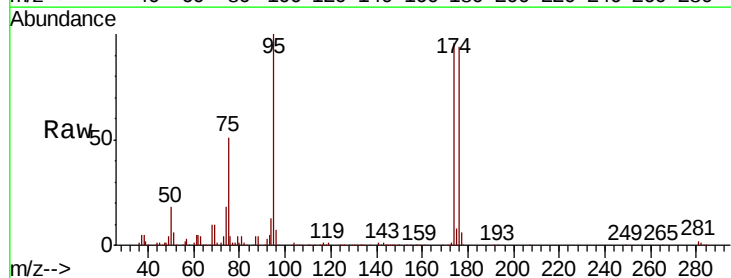
Tgt Ion: 95 Resp: 152199

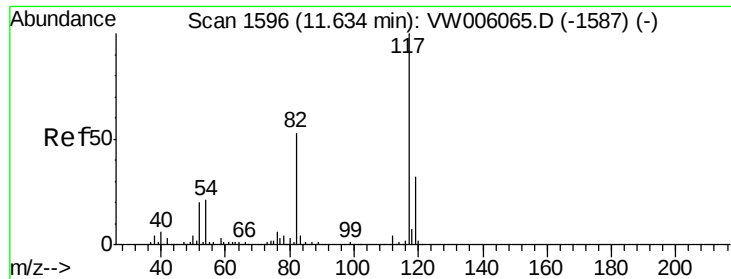
Ion Ratio Lower Upper

95 100

174 96.6 0.0 186.0

176 94.0 0.0 181.6

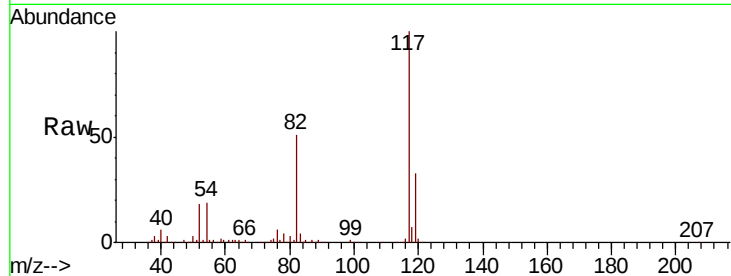




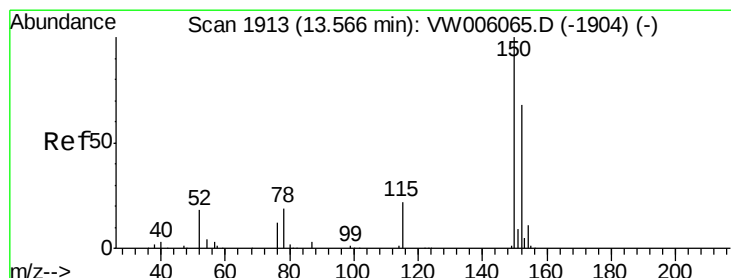
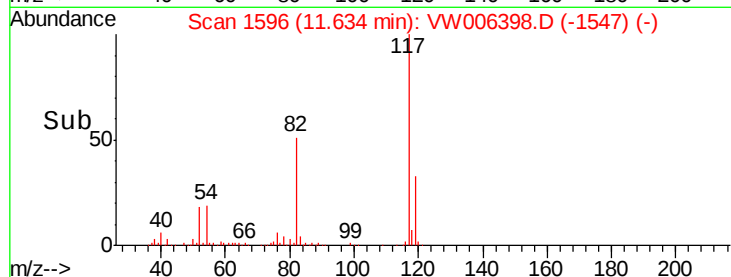
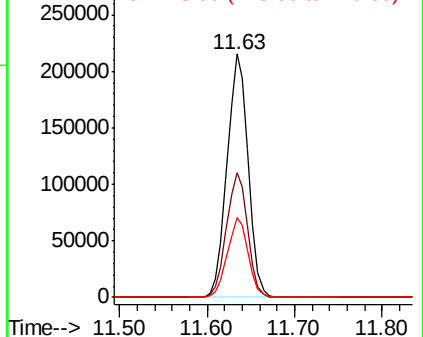
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006398.D
Acq: 26 Oct 2018 09:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 358514
Ion Ratio Lower Upper
117 100
82 51.1 42.1 63.1
119 32.7 25.8 38.6

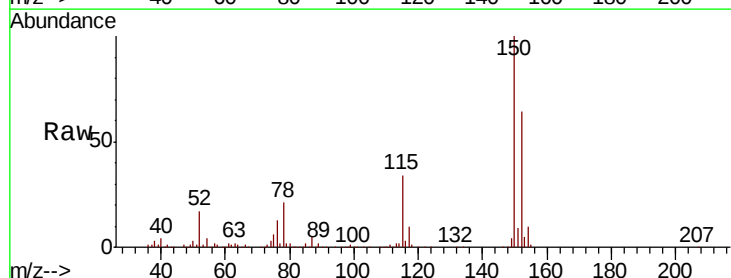


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

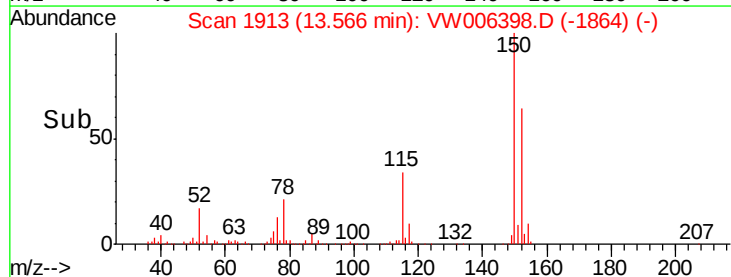
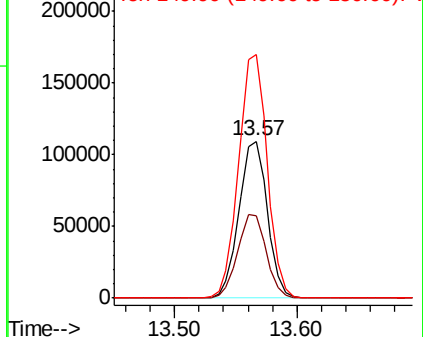


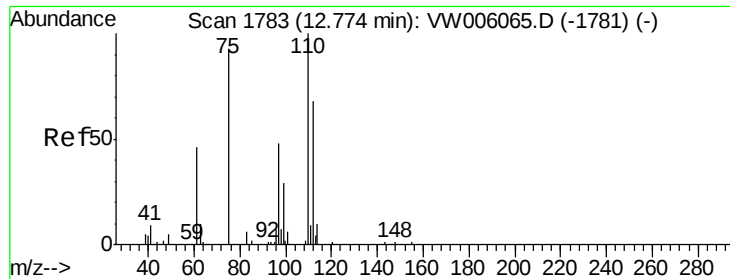
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006398.D
Acq: 26 Oct 2018 09:03

Tgt Ion:152 Resp: 175218
Ion Ratio Lower Upper
152 100
115 53.5 27.8 83.3
150 156.5 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: 57.451 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006398.D

Acq: 26 Oct 2018 09:03

Instrument :

MSVOA_W

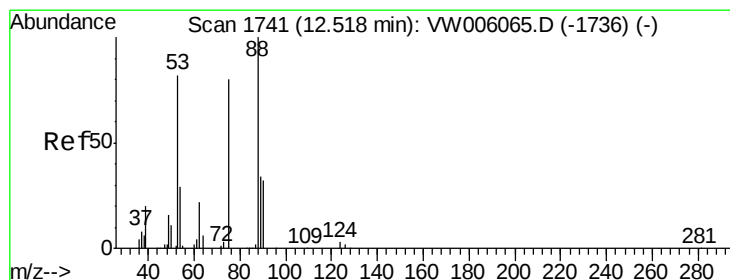
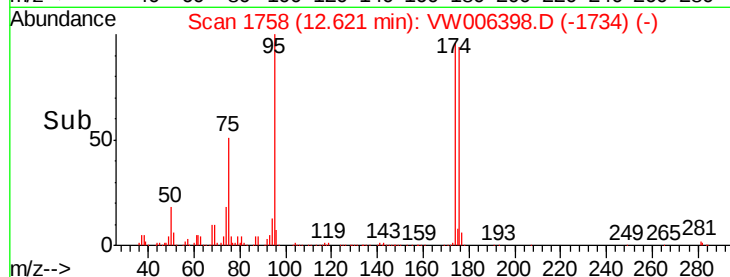
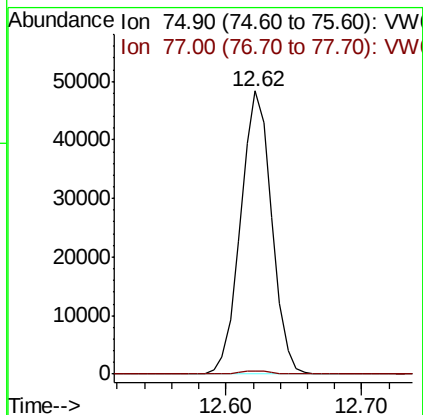
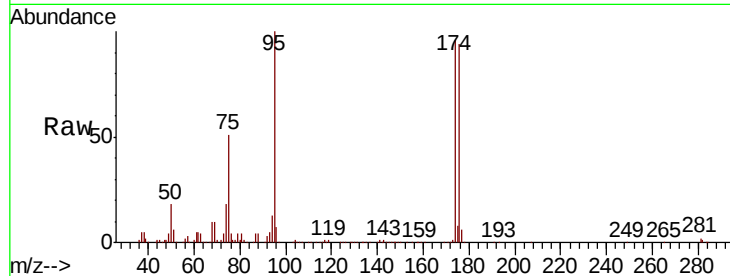
ClientSampled :

Tot Ion: 75 Resp: 76888

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.331 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006398.D

Acq: 26 Oct 2018 09:03

Tgt Ion: 75 Resp: 76888

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

