

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100818\
 Data File : VW005932.D
 Acq On : 09 Oct 2018 09:13
 Operator : SY/AP
 Sample : J5287-16
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 11:12:25 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	197744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	194983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65005	33.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.72%	
35) Dibromofluoromethane	7.88	113	67646	36.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.58%	
50) Toluene-d8	10.33	98	187096	26.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.18%	
62) 4-Bromofluorobenzene	12.62	95	44853	16.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.88%	

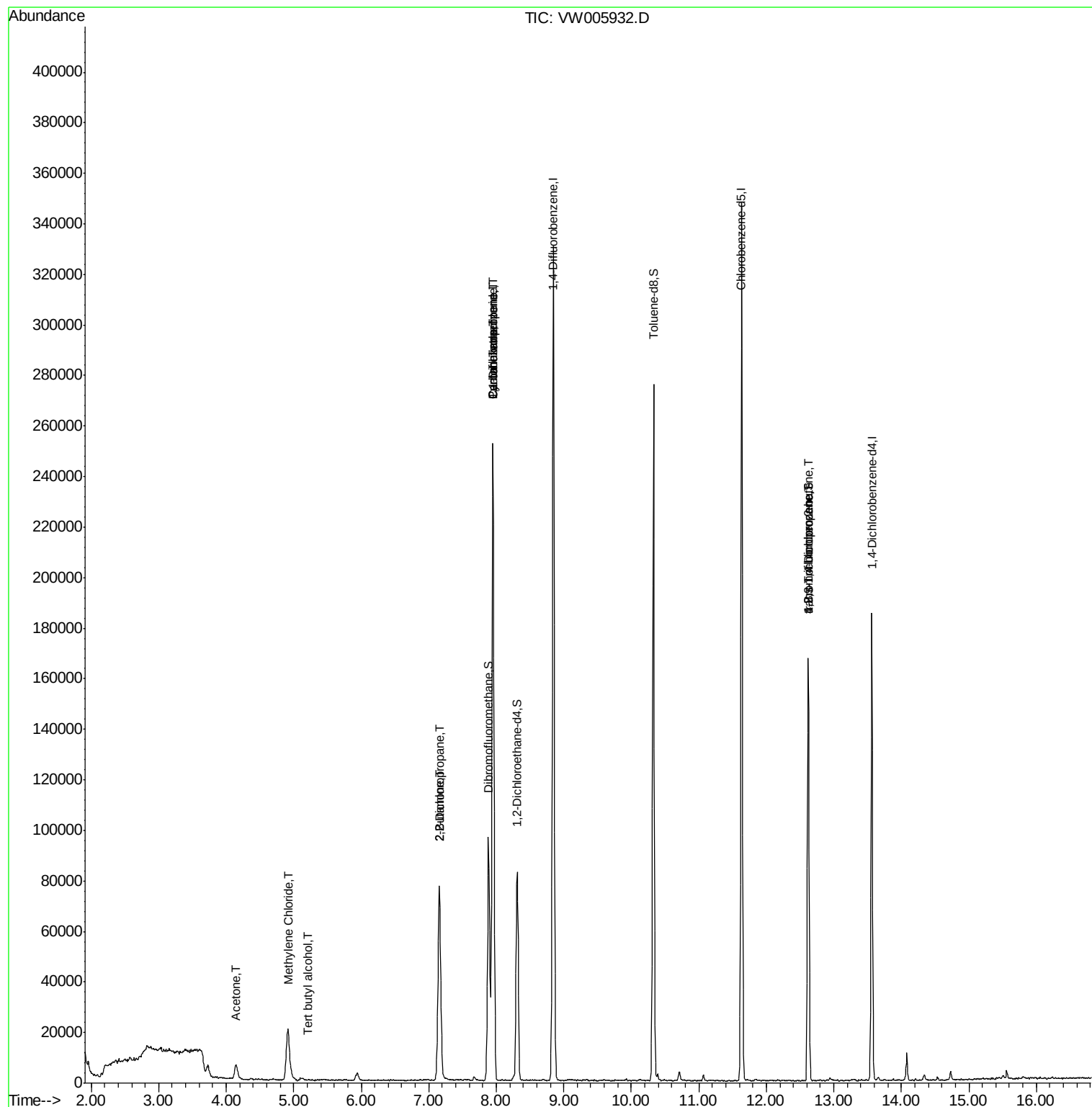
Target Compounds						Qvalue
11) Tert butyl alcohol	5.21	59	201	1.429	ug/l #	92
16) Acetone	4.14	43	11544	30.107	ug/l	93
20) Methylene Chloride	4.92	84	18006	9.373	ug/l	91
25) 2-Butanone	7.16	43	4076	7.474	ug/l #	85
26) 2,2-Dichloropropane	7.16	77	5393	2.256	ug/l #	52
31) Cyclohexane	7.95	56	3712	1.105	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	13492	4.823	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18077	6.014	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	23274	50.315	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23274	106.221	ug/l #	11

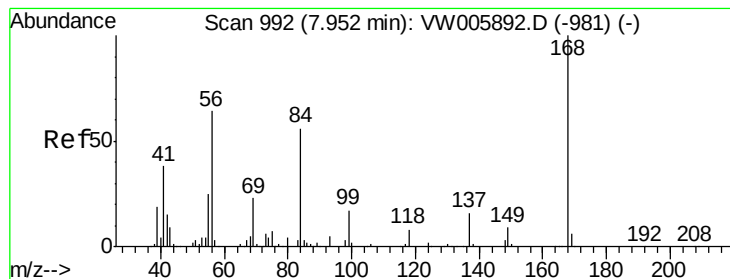
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100818\
Data File : VW005932.D
Acq On : 09 Oct 2018 09:13
Operator : SY/AP
Sample : J5287-16
Misc : 6.44G/5ML/MSVOA W/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 11:12:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005932.D

Acq: 09 Oct 2018 09:13

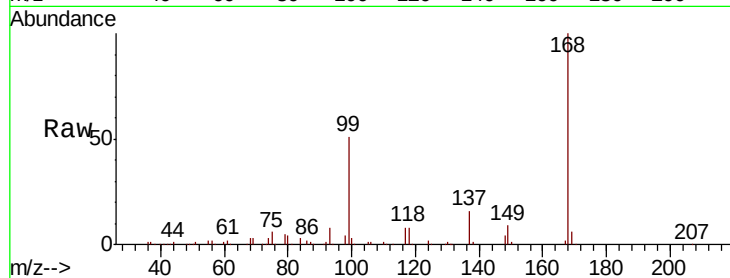
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 197744

Ion Ratio Lower Upper

168 100

99 50.6 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

100000

80000

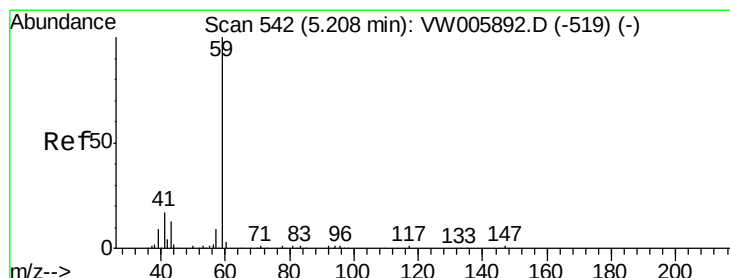
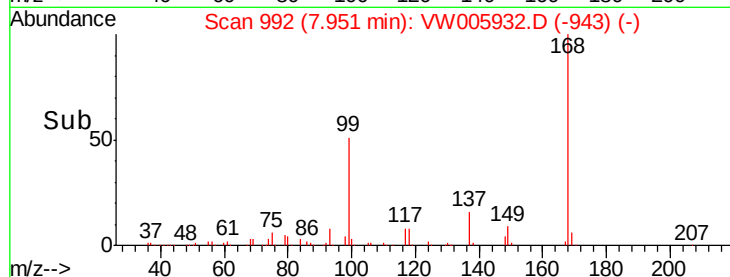
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.429 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.00 min

Lab File: VW005932.D

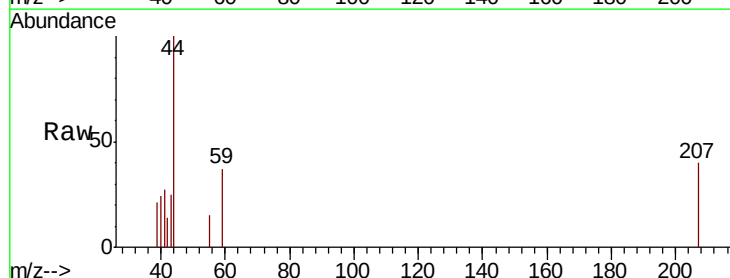
Acq: 09 Oct 2018 09:13

Tgt Ion: 59 Resp: 201

Ion Ratio Lower Upper

59 100

57 12.4 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

200

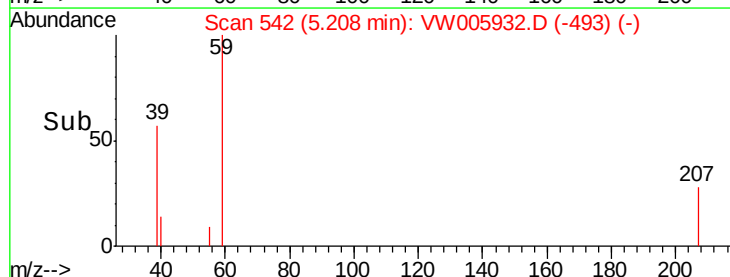
150

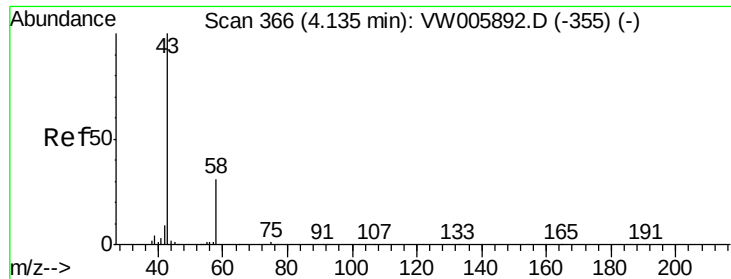
100

50

0

Time-->





#16

Acetone

Concen: 30.107 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

Instrument :

MSVOA_W

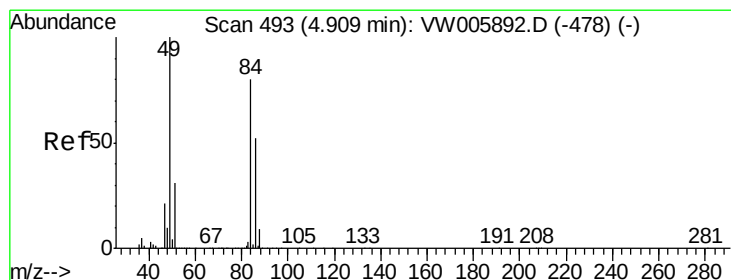
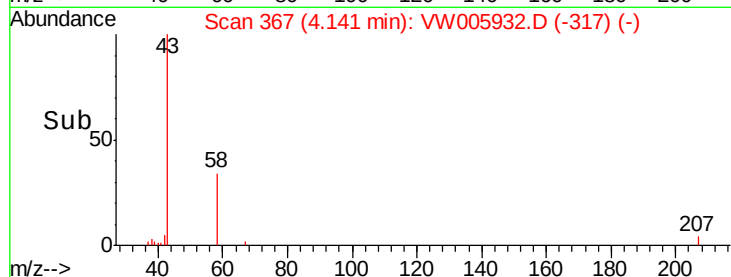
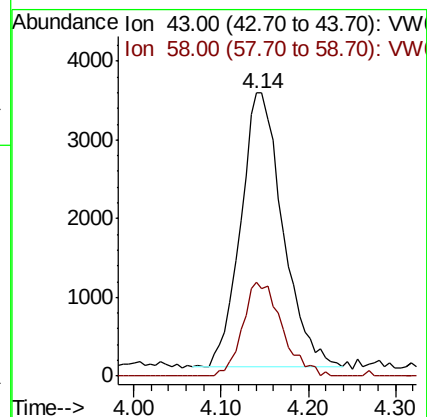
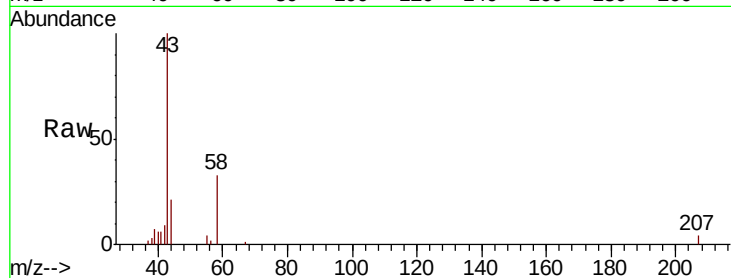
ClientSampleId :

Tot Ion: 43 Resp: 11544

Ion Ratio Lower Upper

43 100

58 34.5 24.7 37.1



#20

Methylene Chloride

Concen: 9.373 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

Tgt Ion: 84 Resp: 18006

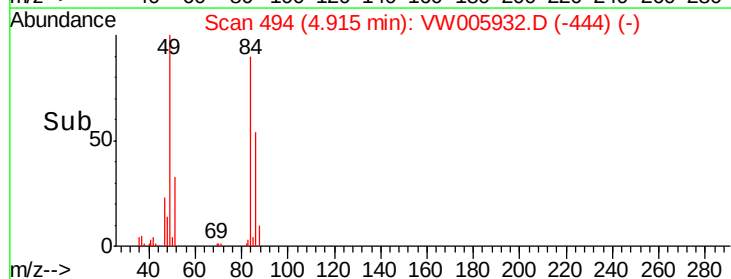
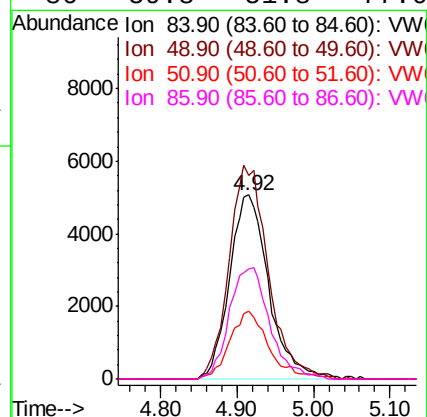
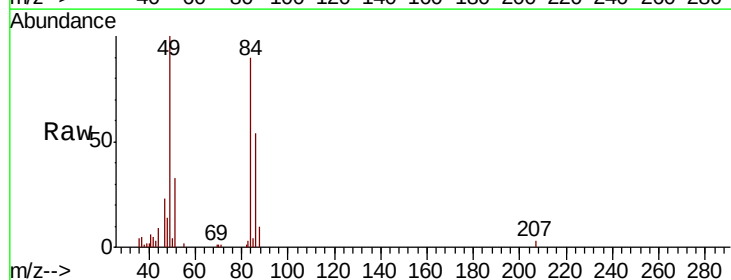
Ion Ratio Lower Upper

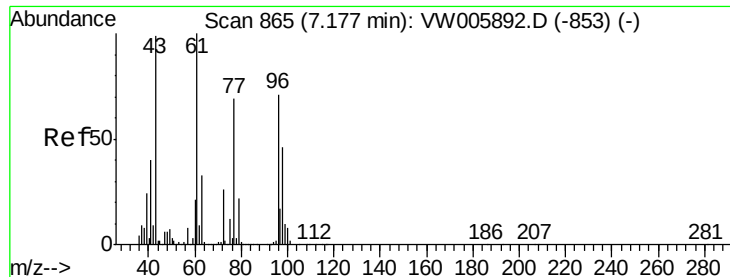
84 100

49 110.6 99.9 149.9

51 36.9 31.1 46.7

86 59.8 51.8 77.6





#25

2-Butanone

Concen: 7.474 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

Instrument :

MSVOA_W

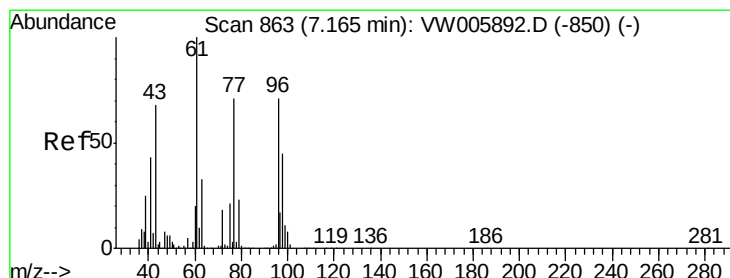
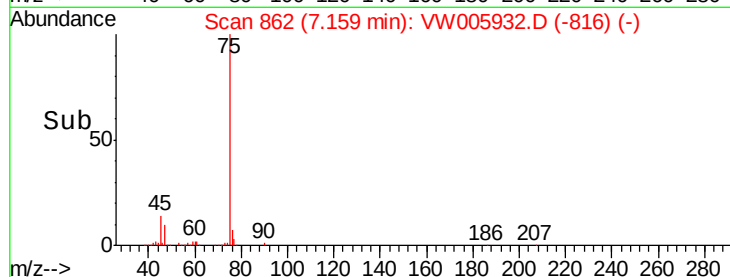
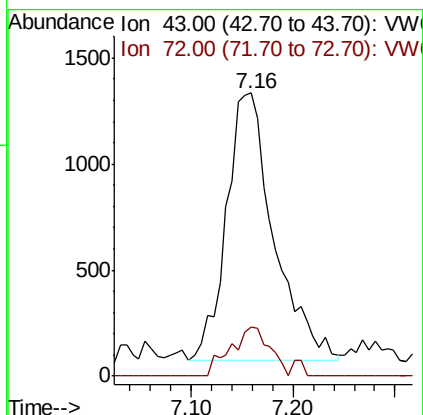
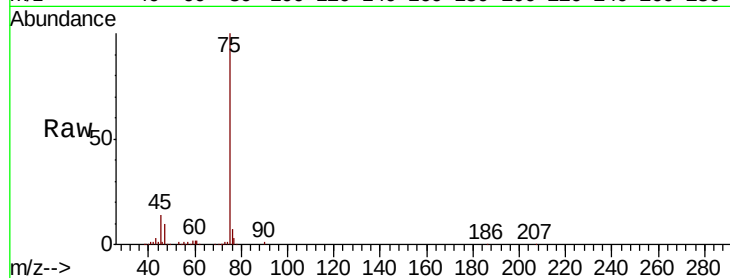
ClientSampled :

Tot Ion: 43 Resp: 4076

Ion Ratio Lower Upper

43 100

72 18.3 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 2.256 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW005932.D

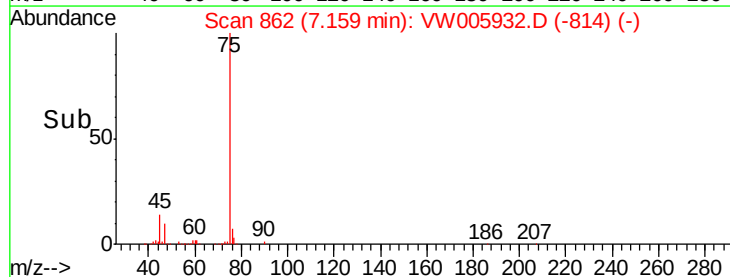
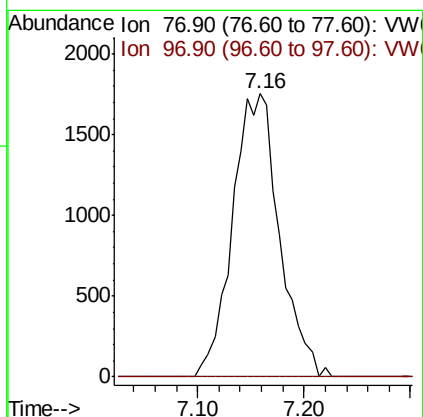
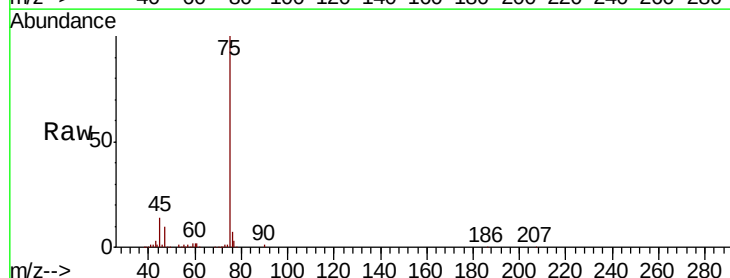
Acq: 09 Oct 2018 09:13

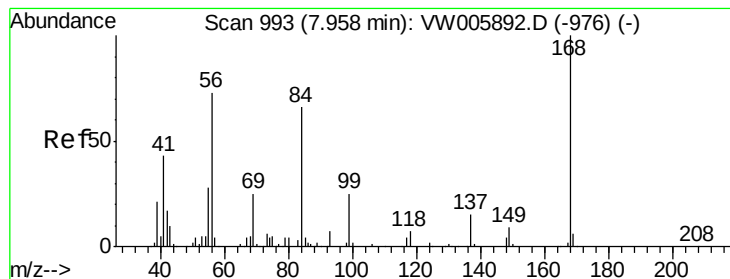
Tgt Ion: 77 Resp: 5393

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#





#31

Cyclohexane

Concen: 1.105 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

Instrument :
MSVOA_W
ClientSampled :

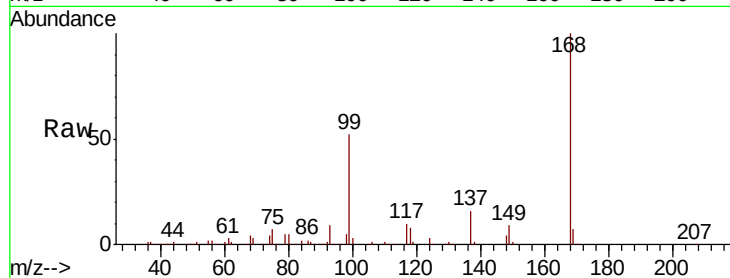
Tot Ion: 56 Resp: 3712

Ion Ratio Lower Upper

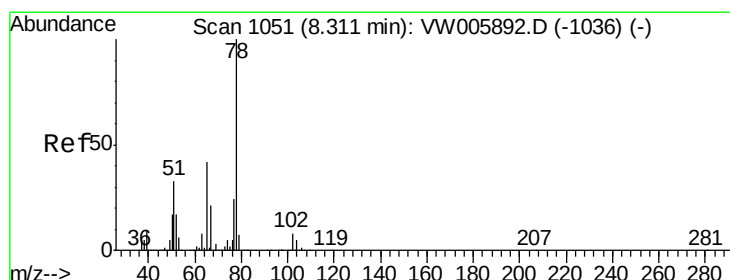
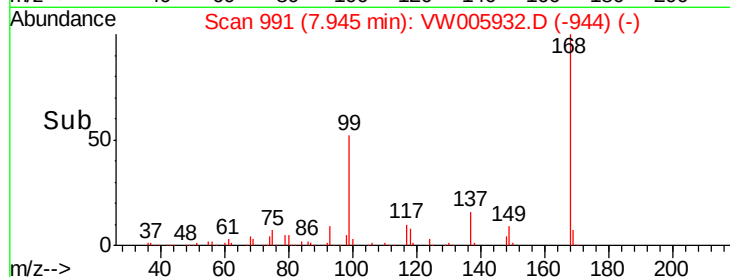
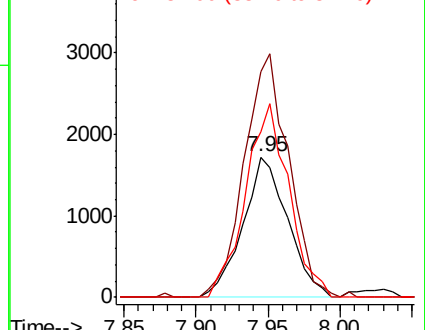
56 100

69 160.7 27.9 41.9#

84 117.6 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: 33.863 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005932.D

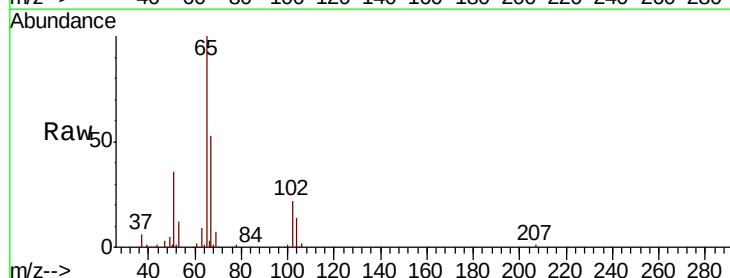
Acq: 09 Oct 2018 09:13

Tgt Ion: 65 Resp: 65005

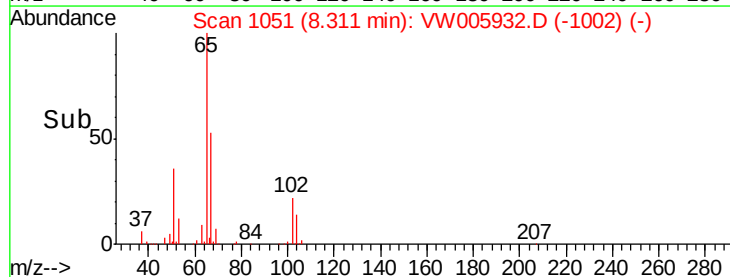
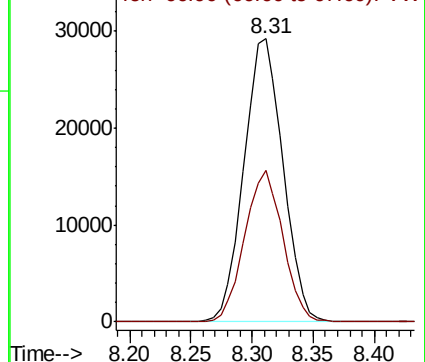
Ion Ratio Lower Upper

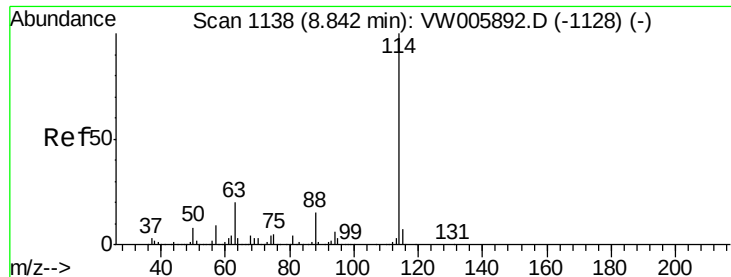
65 100

67 52.3 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: VW005932.D

Acq: 09 Oct 2018 09:13

Instrument :

MSVOA_W

ClientSampleId :

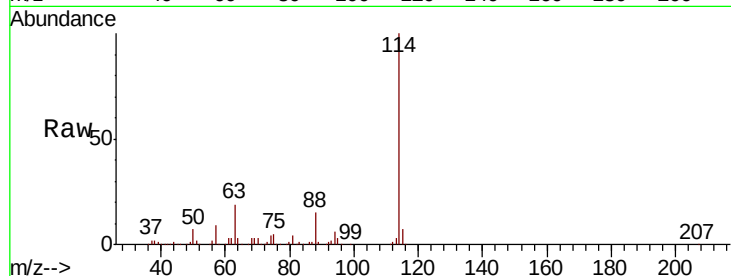
Tot Ion:114 Resp: 291966

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 14.8 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

200000

150000

100000

50000

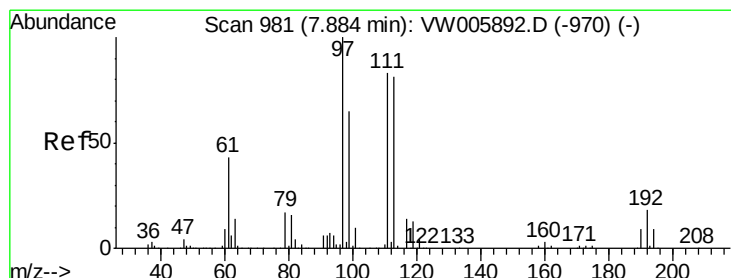
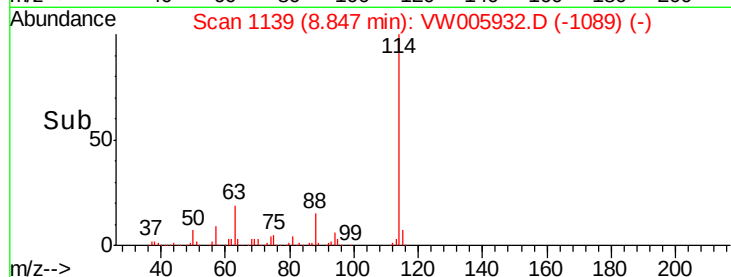
0

8.85

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 36.289 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

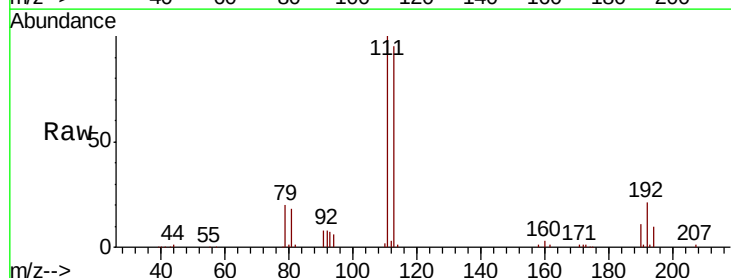
Tgt Ion:113 Resp: 67646

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 22.4 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

40000

30000

20000

10000

0

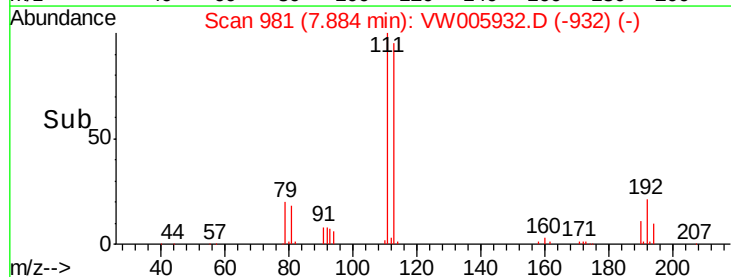
7.88

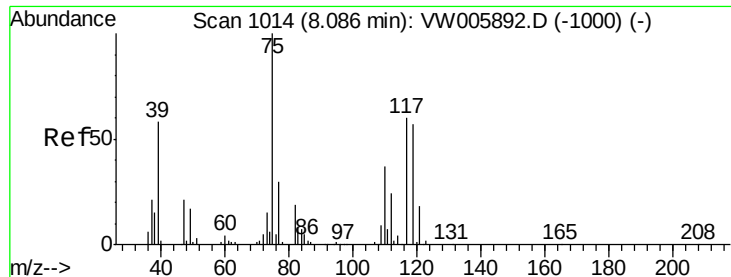
7.80

7.90

8.00

Time-->

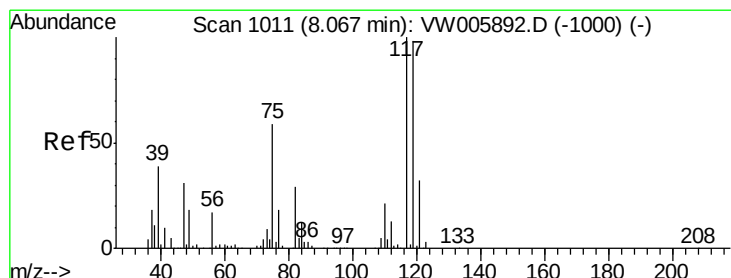
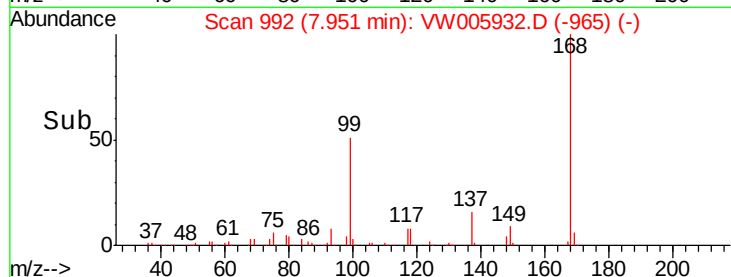
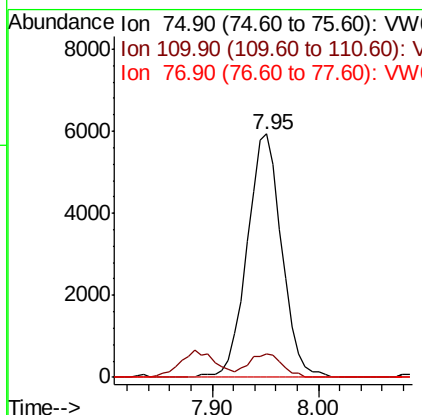
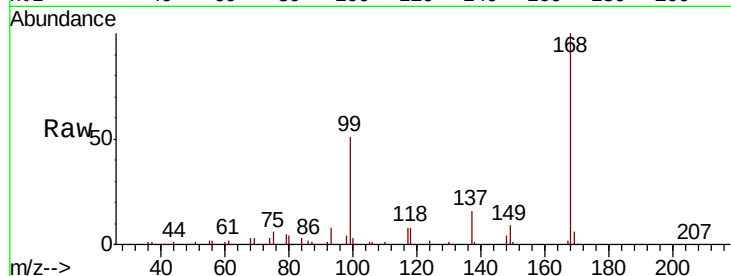




#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005932.D
 Acq: 09 Oct 2018 09:13

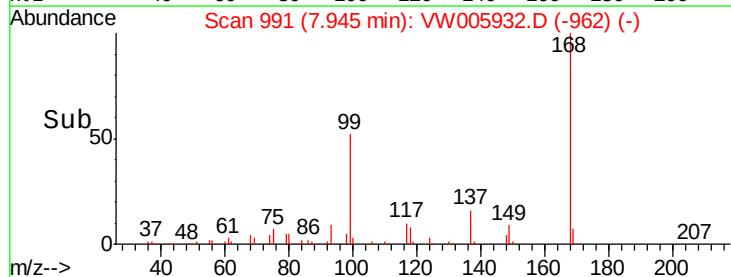
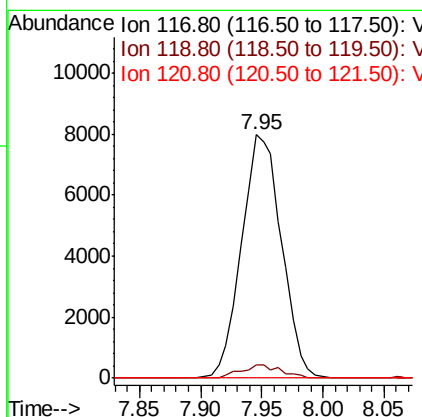
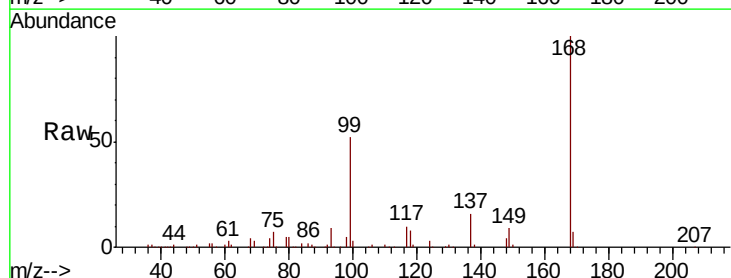
Instrument :
 MSVOA_W
 ClientSampled :

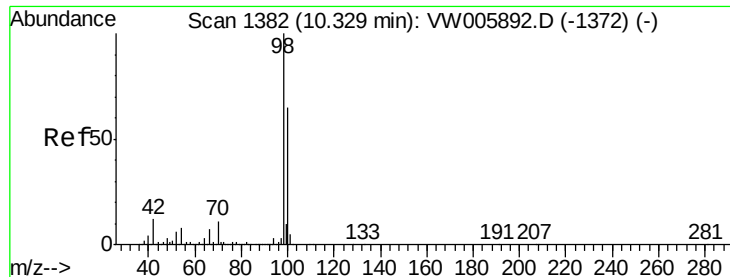
Tot Ion	75	Resp	13492
Ion Ratio	Lower	Upper	
75	100		
110	9.4	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.014 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW005932.D
 Acq: 09 Oct 2018 09:13

Tgt Ion	117	Resp	18077
Ion Ratio	Lower	Upper	
117	100		
119	5.7	78.6	117.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 26.087 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

Instrument :

MSVOA_W

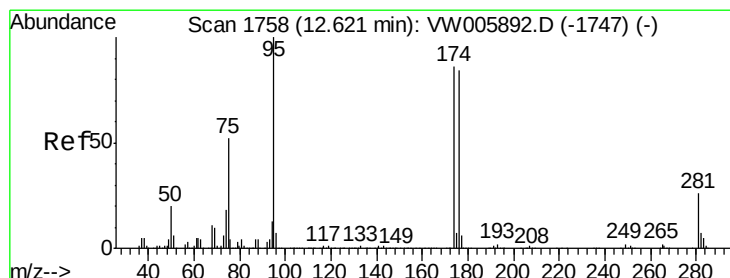
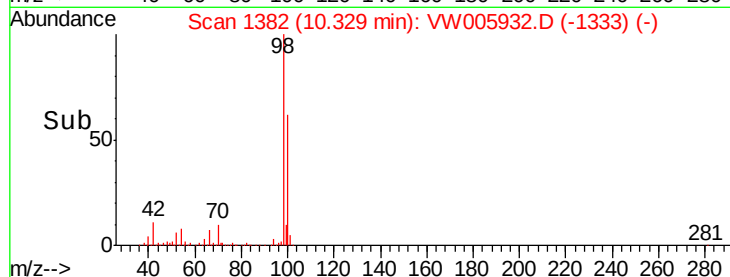
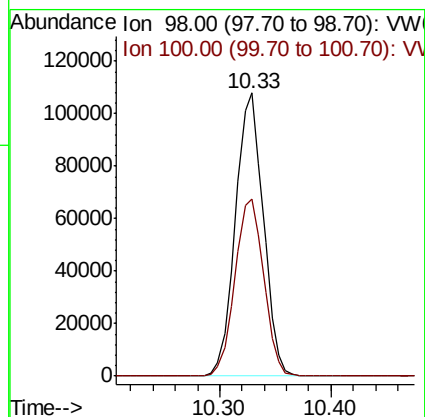
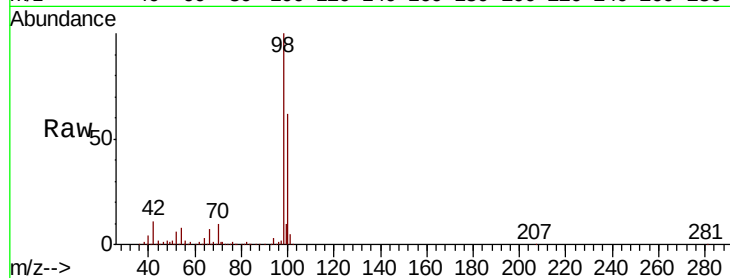
ClientSampled :

Tot Ion: 98 Resp: 187096

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 16.438 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005932.D

Acq: 09 Oct 2018 09:13

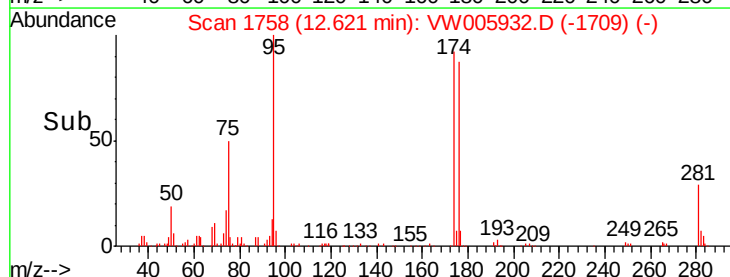
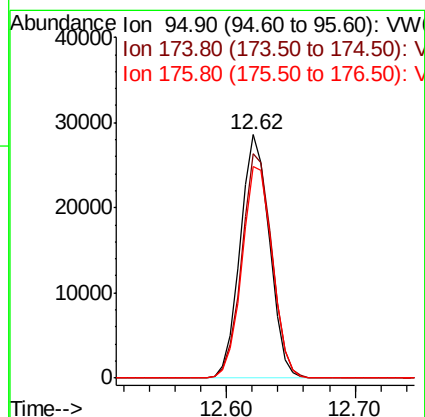
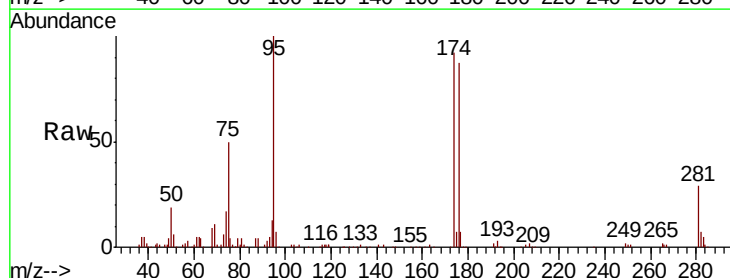
Tgt Ion: 95 Resp: 44853

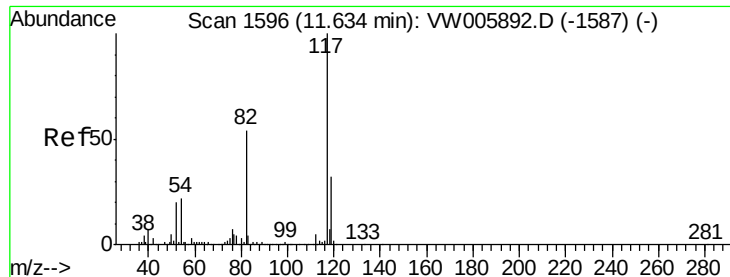
Ion Ratio Lower Upper

95 100

174 94.5 0.0 176.4

176 90.2 0.0 173.0

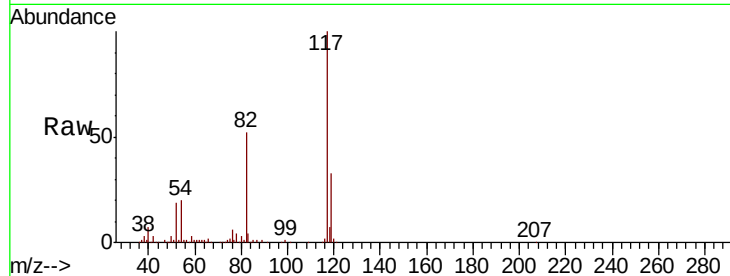




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005932.D
Acq: 09 Oct 2018 09:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.5	65.3
119	32.9	25.4	38.2

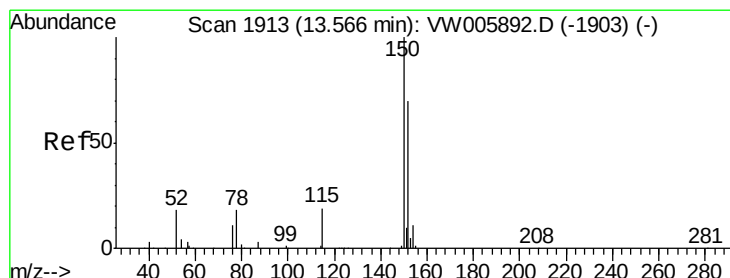
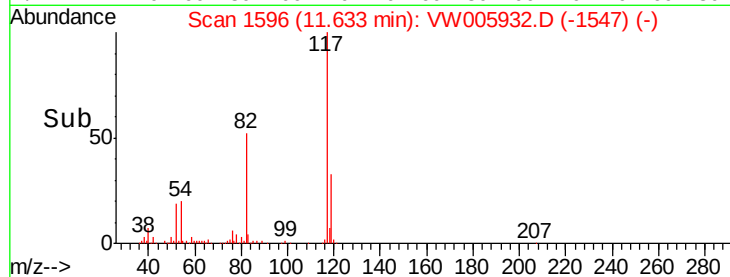
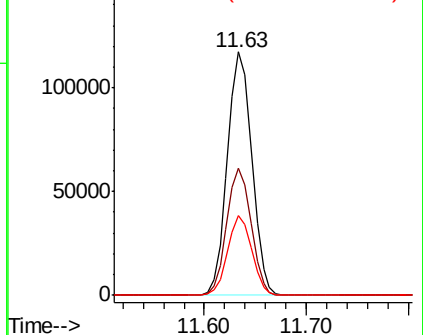


Abundance

Ion 116.90 (116.60 to 117.60): V

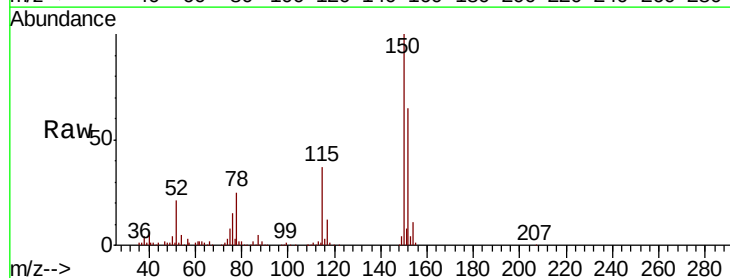
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005932.D
Acq: 09 Oct 2018 09:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.3	85.0
150	155.3	0.0	349.2

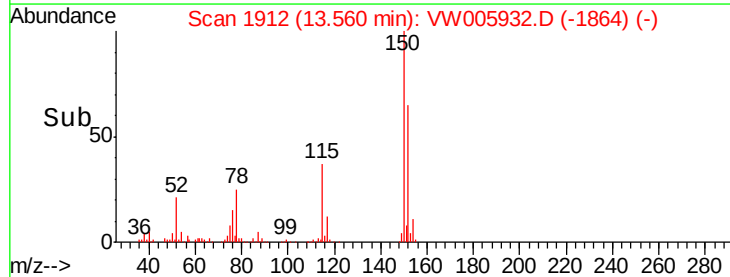
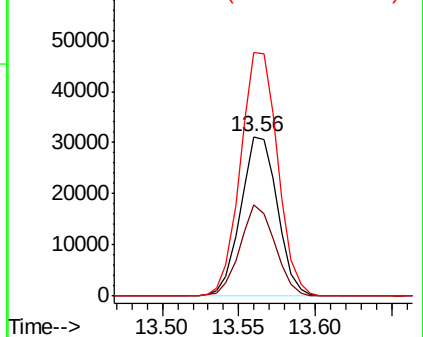


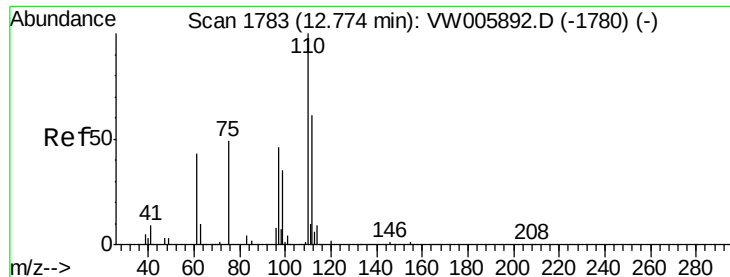
Abundance

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

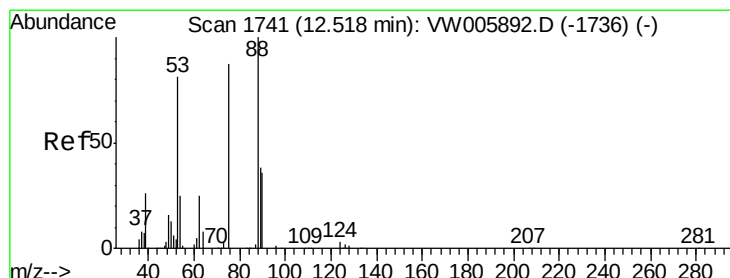
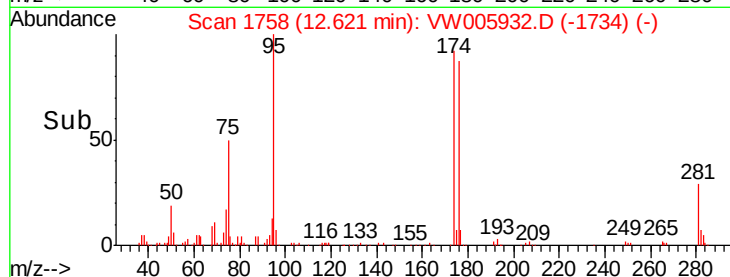
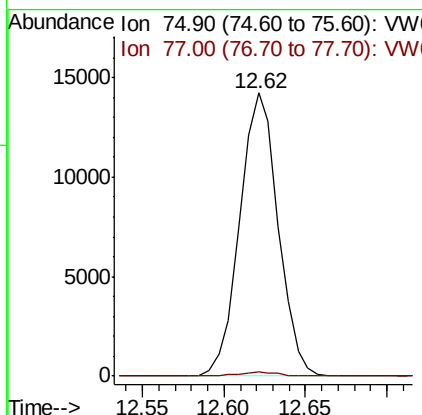
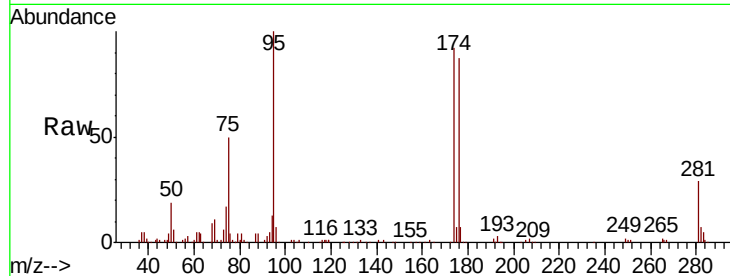




#76
 1,2,3-Trichloropropane
 Concen: 50.315 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005932.D
 Acq: 09 Oct 2018 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 23274
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.221 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005932.D
 Acq: 09 Oct 2018 09:13

Tgt Ion: 75 Resp: 23274
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.5 114.7#
 89 0.2 37.6 56.4#

