

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100818\
 Data File : VW005931.D
 Acq On : 09 Oct 2018 08:47
 Operator : SY/AP
 Sample : J5287-13
 Misc : 6.66G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 11:12:15 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

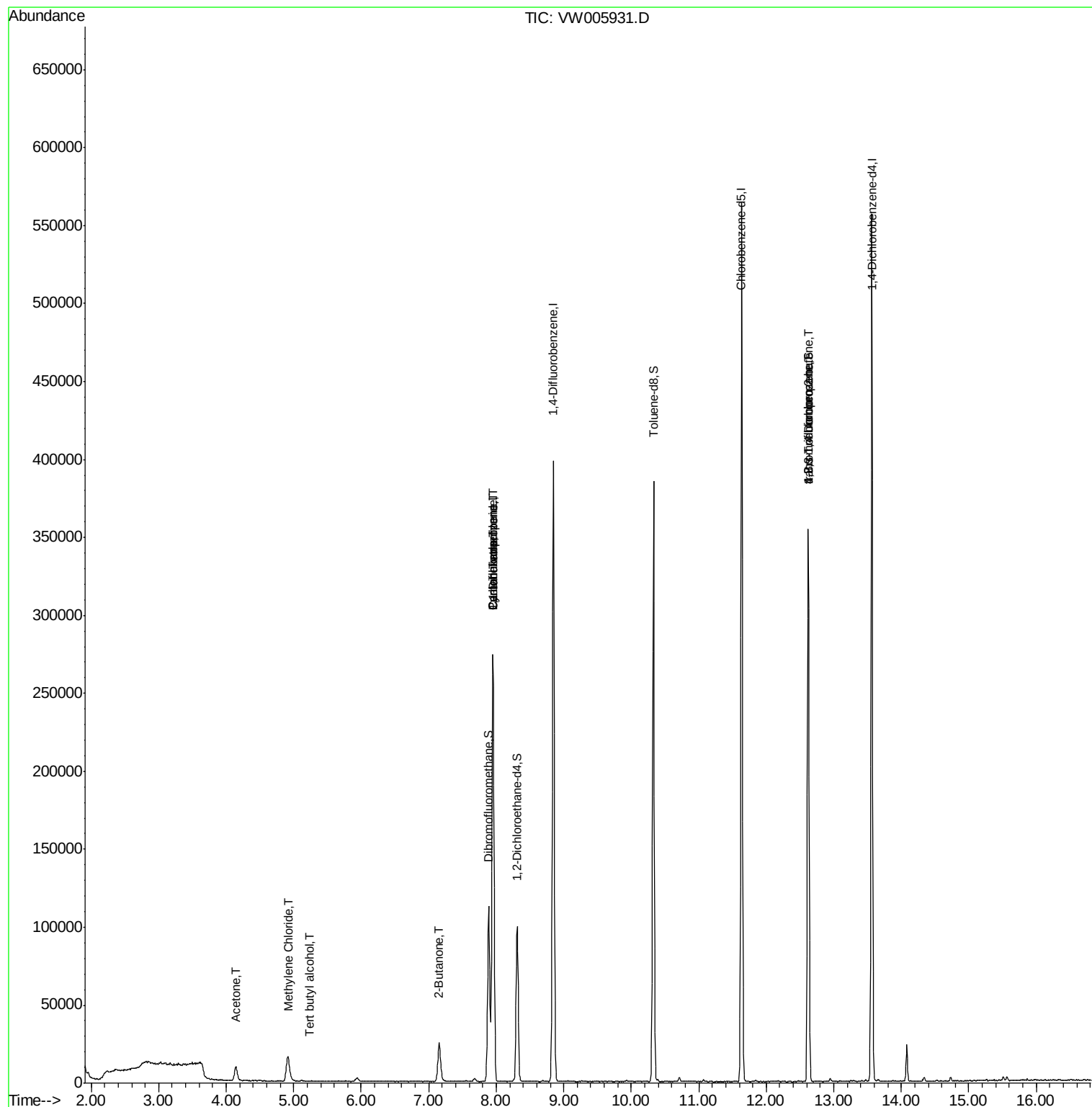
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76827	35.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.04%	
35) Dibromofluoromethane	7.89	113	77837	34.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.12%	
50) Toluene-d8	10.33	98	264498	30.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.04%	
62) 4-Bromofluorobenzene	12.62	95	99049	30.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	241	1.499	ug/l #	1
16) Acetone	4.15	43	17192	39.232	ug/l	100
20) Methylene Chloride	4.92	84	13875	6.320	ug/l	96
25) 2-Butanone	7.15	43	1566	2.513	ug/l #	49
31) Cyclohexane	7.95	56	4430	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14913	4.411	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20183	5.557	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	50435	36.980	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50435	78.069	ug/l #	11

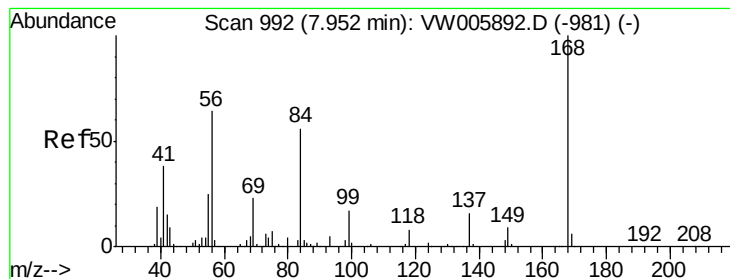
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005931.D

Acq: 09 Oct 2018 08:47

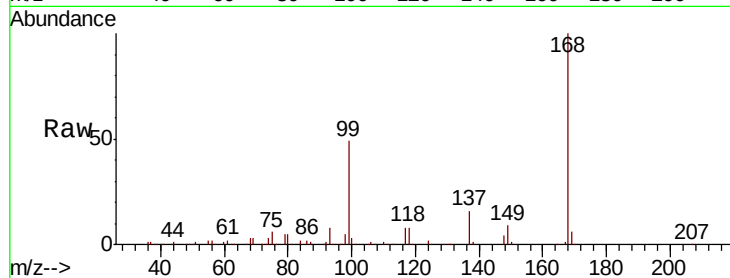
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 225993

Ion Ratio Lower Upper

168 100

99 49.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

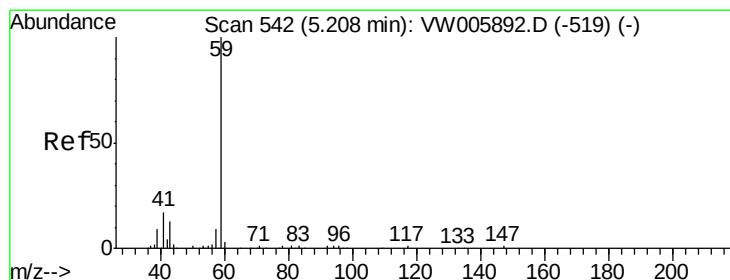
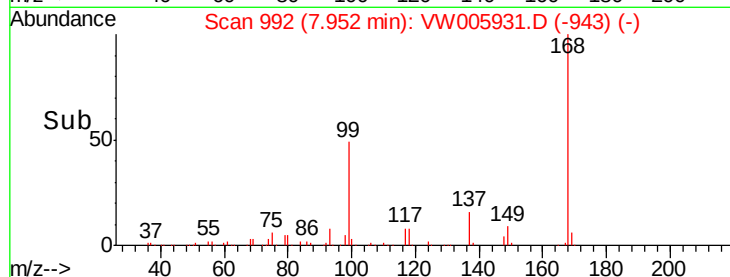
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.499 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.02 min

Lab File: VW005931.D

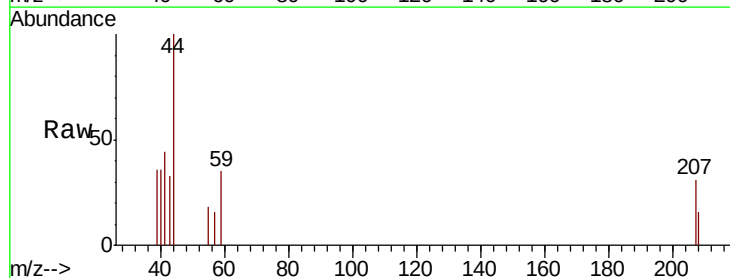
Acq: 09 Oct 2018 08:47

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

59 100

57 51.9 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

150

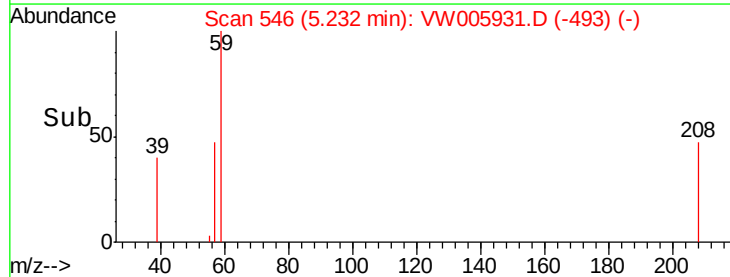
100

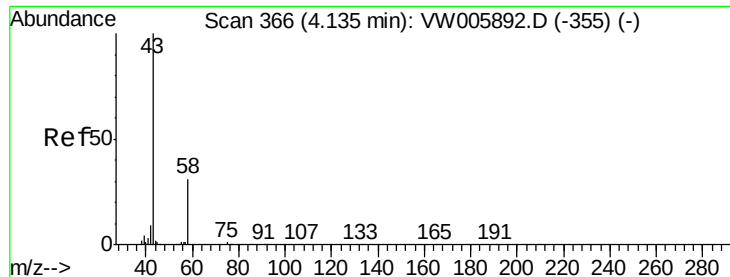
50

0

5.20 5.25

Time-->





#16

Acetone

Concen: 39.232 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

Instrument :

MSVOA_W

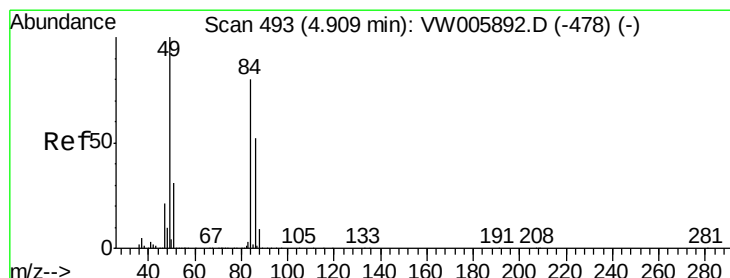
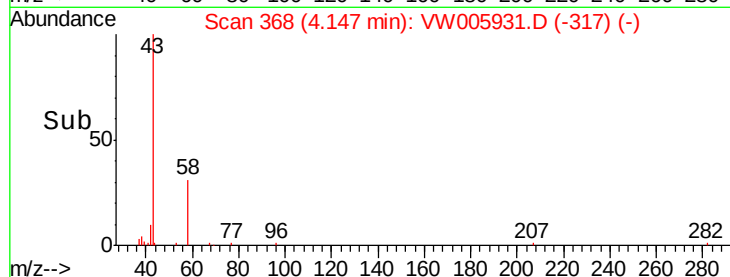
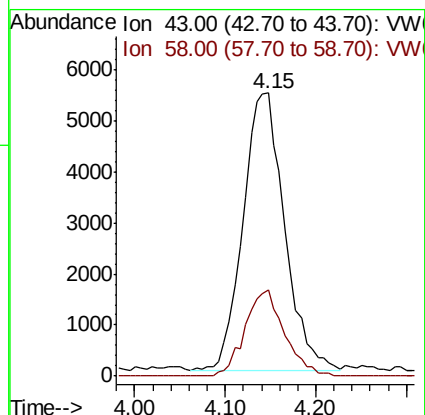
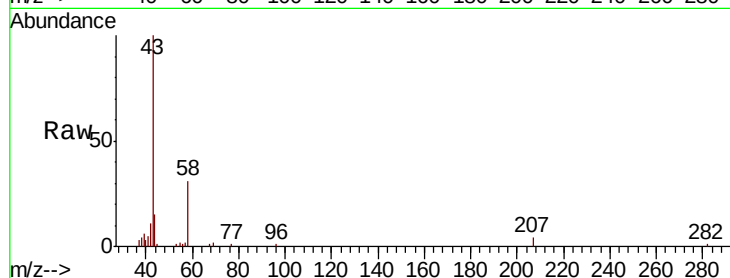
ClientSampleId :

Tot Ion: 43 Resp: 17192

Ion Ratio Lower Upper

43 100

58 31.1 24.7 37.1



#20

Methylene Chloride

Concen: 6.320 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

Tgt Ion: 84 Resp: 13875

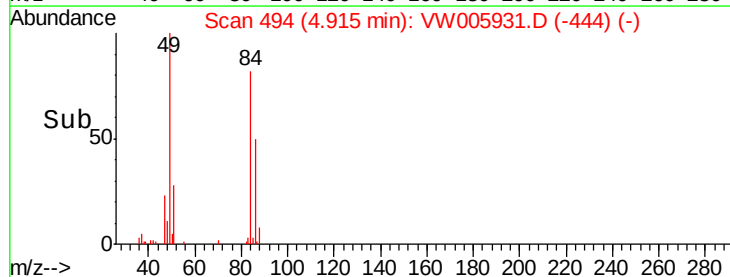
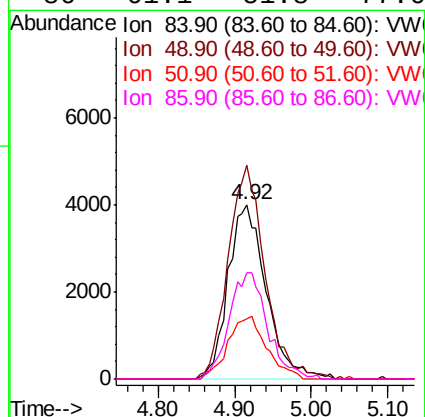
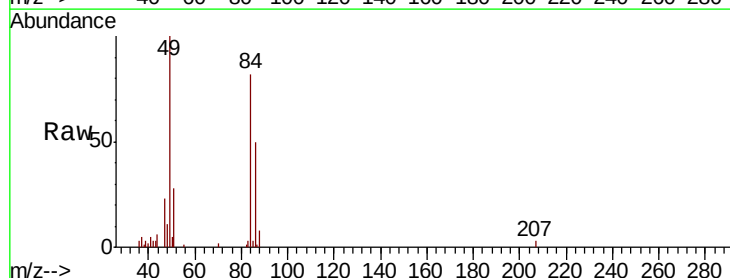
Ion Ratio Lower Upper

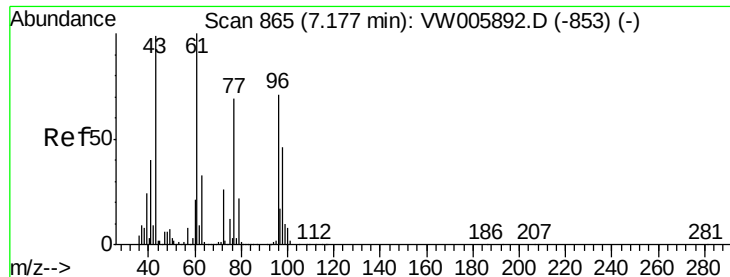
84 100

49 122.2 99.9 149.9

51 34.2 31.1 46.7

86 61.1 51.8 77.6





#25

2-Butanone

Concen: 2.513 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

Instrument :

MSVOA_W

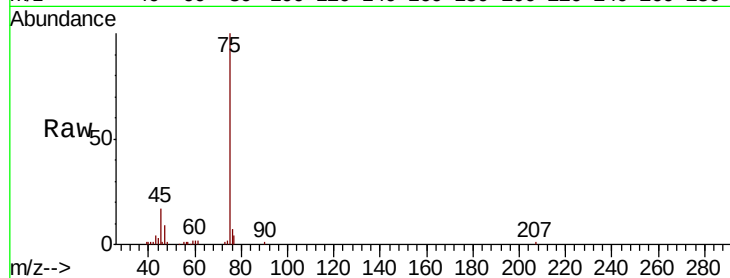
ClientSampleId :

Tot Ion: 43 Resp: 1566

Ion Ratio Lower Upper

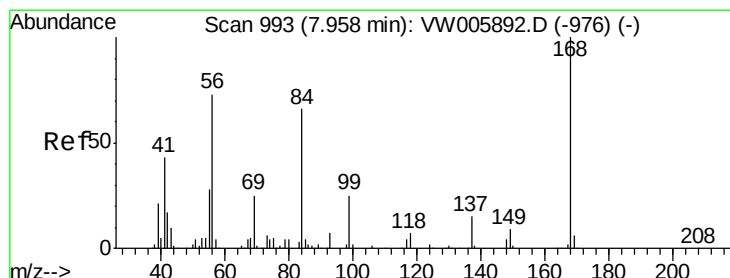
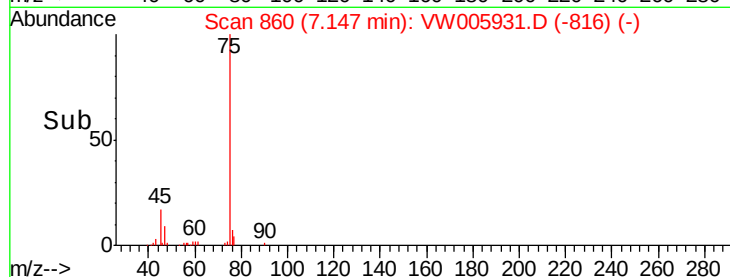
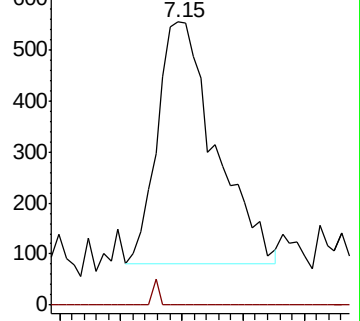
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.153 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

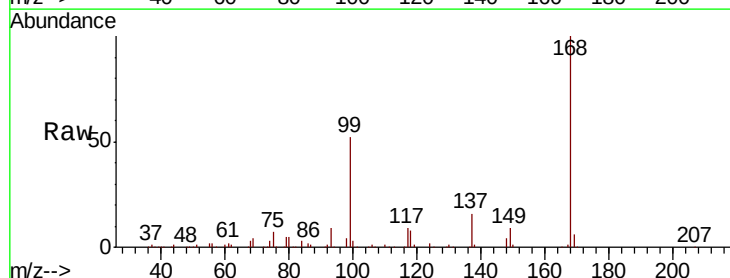
Tgt Ion: 56 Resp: 4430

Ion Ratio Lower Upper

56 100

69 183.2 27.9 41.9#

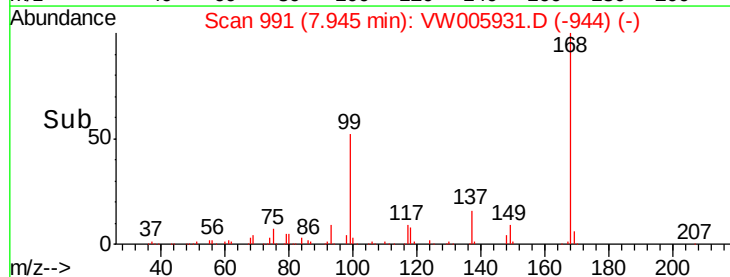
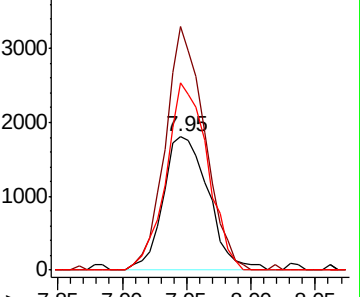
84 140.8 72.3 108.5#

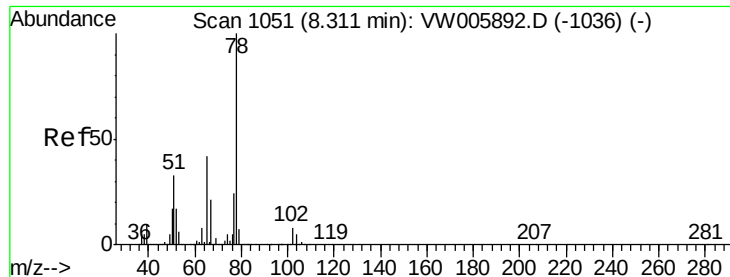


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

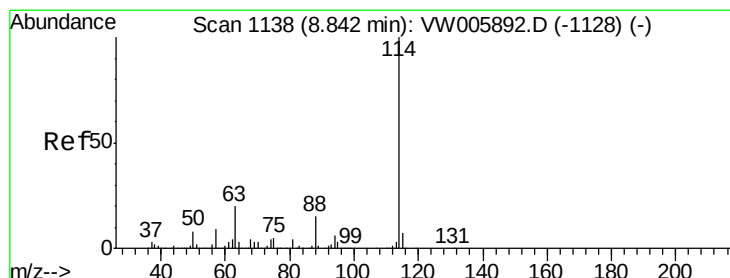
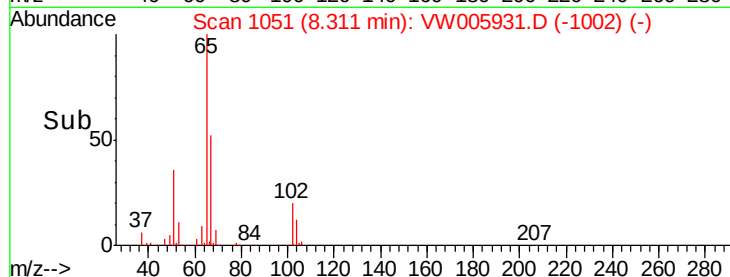
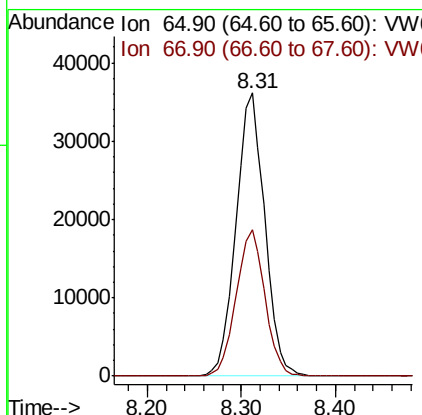
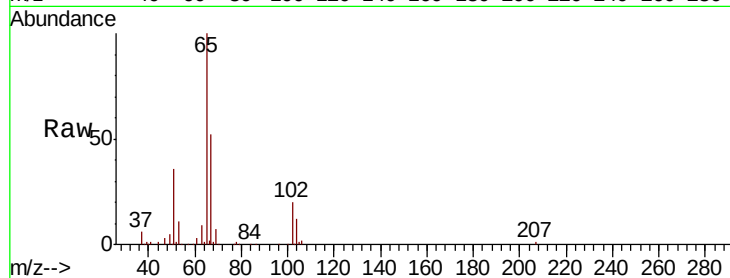




#33
 1,2-Dichloroethane-d4
 Concen: 35.019 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005931.D
 Acq: 09 Oct 2018 08:47

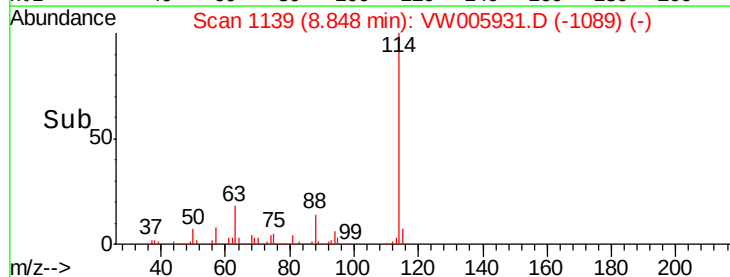
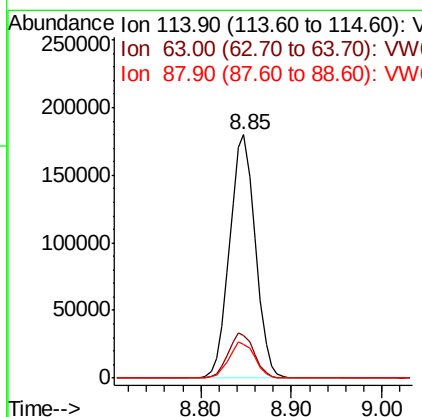
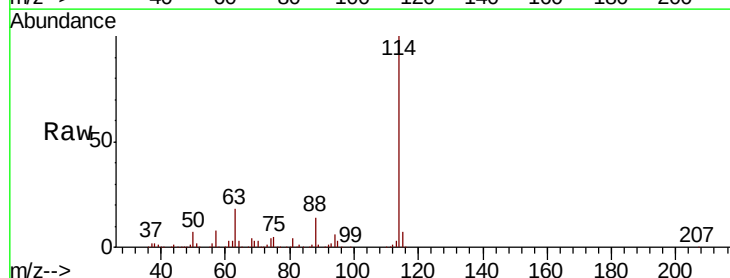
Instrument :
 MSVOA_W
 ClientSampleId :

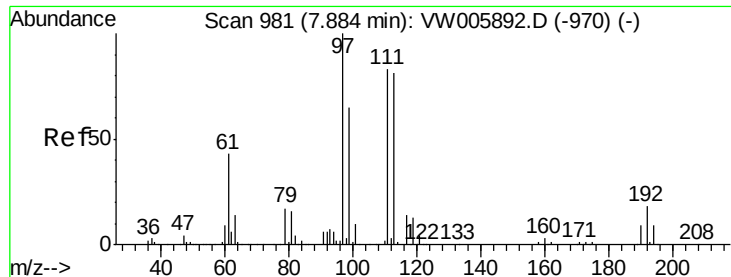
Tot Ion: 65 Resp: 76827
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005931.D
 Acq: 09 Oct 2018 08:47

Tgt Ion: 114 Resp: 352809
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 39.2
 88 13.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 34.555 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

Instrument :

MSVOA_W

ClientSampleId :

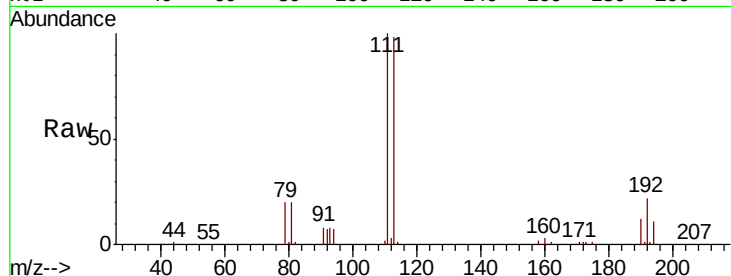
Tot Ion:113 Resp: 77837

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

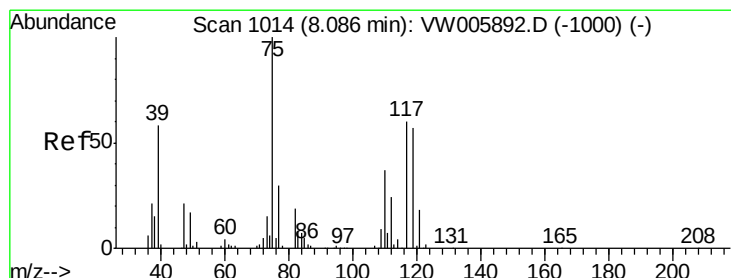
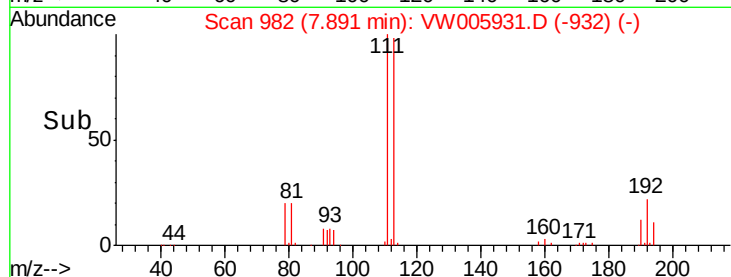
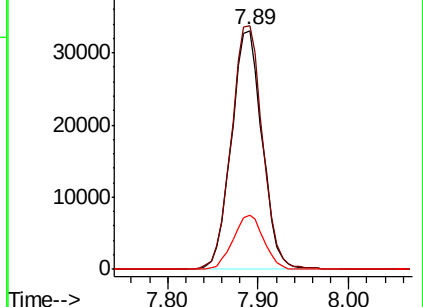
192 22.6 18.3 27.5



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: 4.411 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

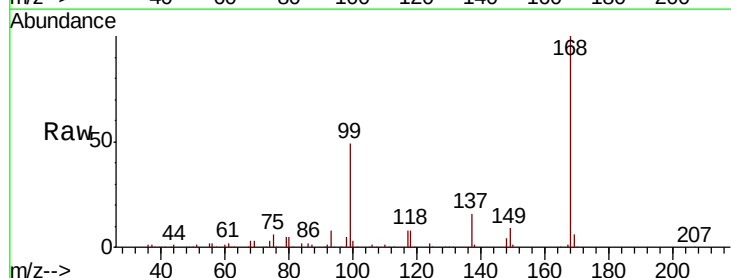
Tgt Ion: 75 Resp: 14913

Ion Ratio Lower Upper

75 100

110 10.9 18.6 56.0#

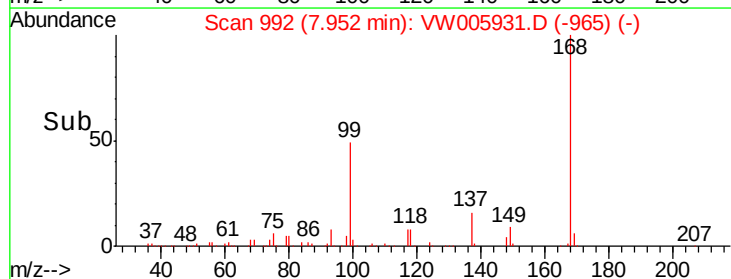
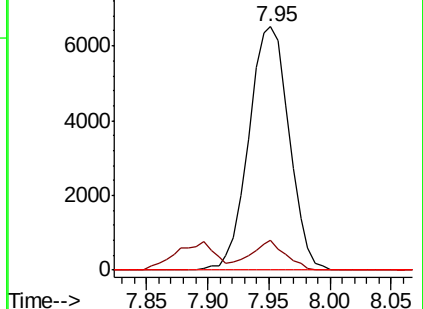
77 0.0 24.7 37.1#

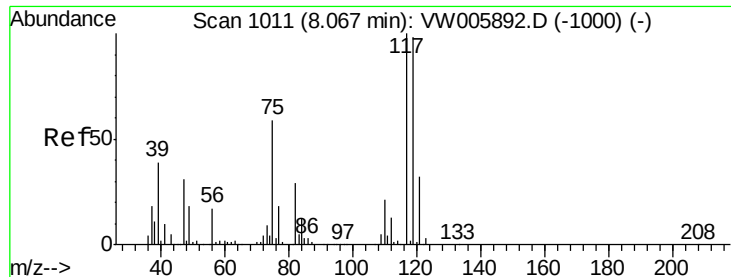


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

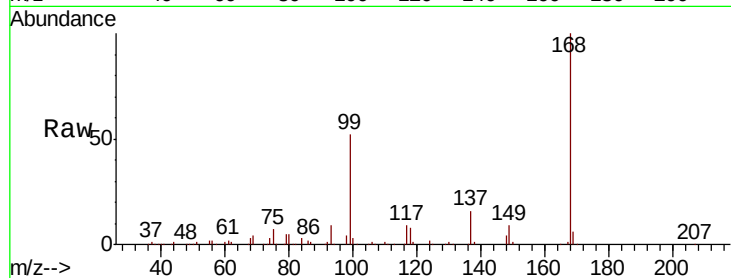




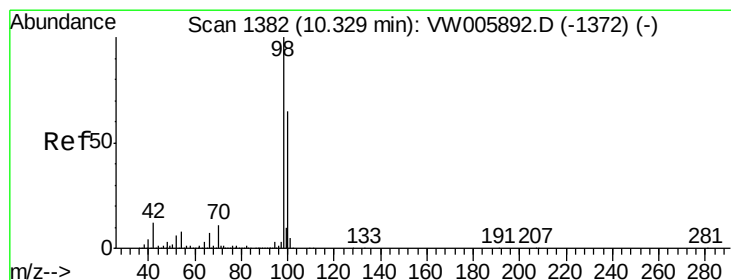
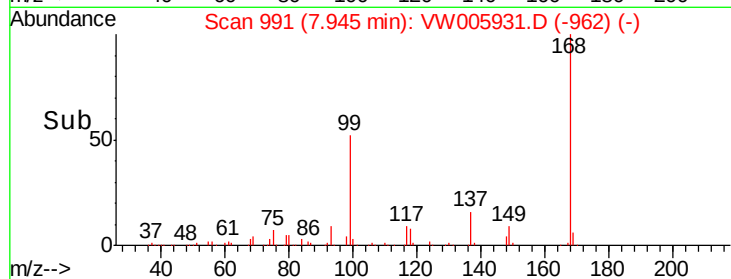
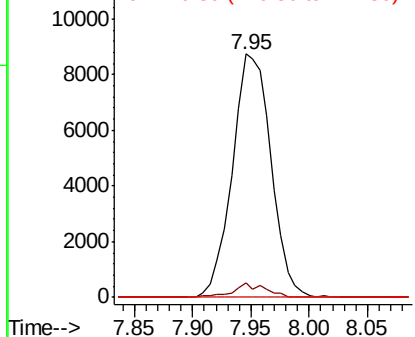
#38
Carbon Tetrachloride
Concen: 5.557 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW005931.D
Acq: 09 Oct 2018 08:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 20183
Ion Ratio Lower Upper
117 100
119 5.9 78.6 117.8#
121 0.0 25.3 37.9#

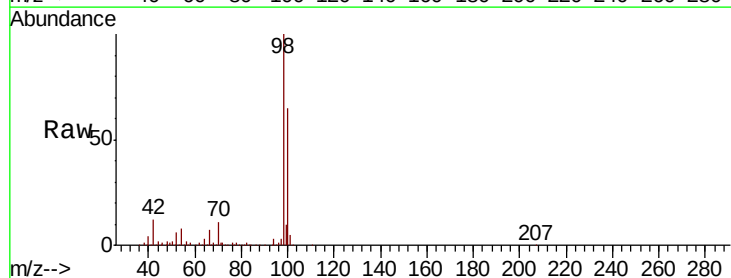


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

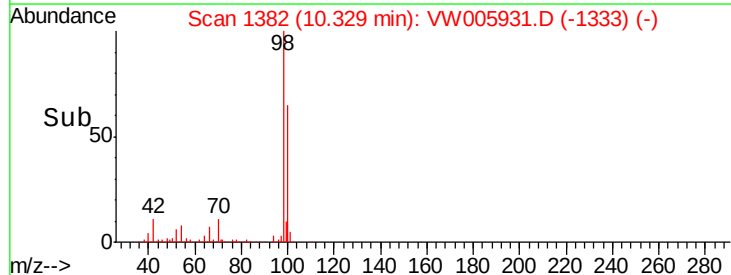
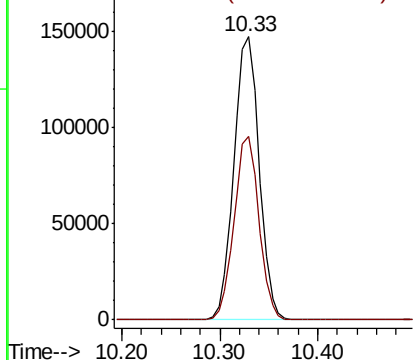


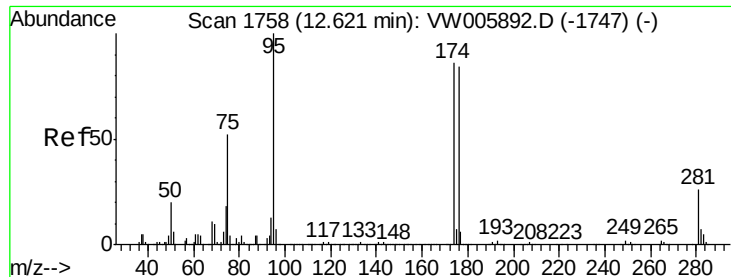
#50
Toluene-d8
Concen: 30.520 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005931.D
Acq: 09 Oct 2018 08:47

Tgt Ion: 98 Resp: 264498
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



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

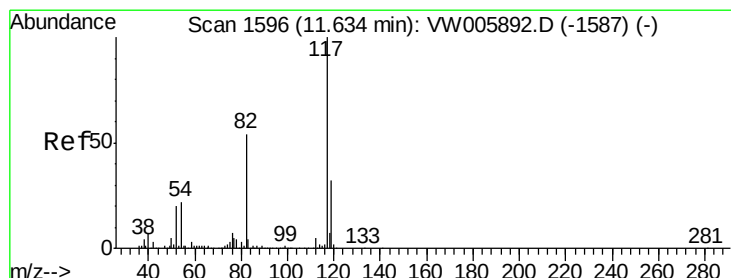
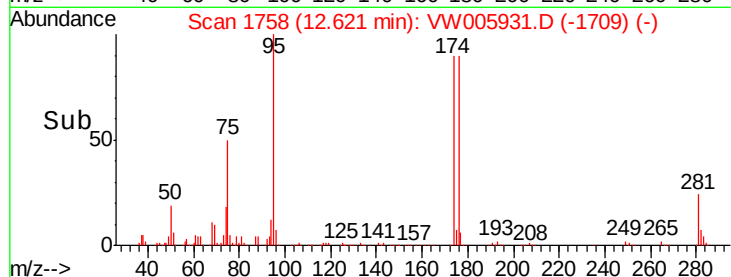
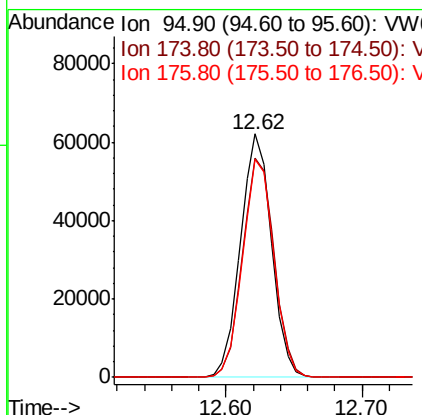
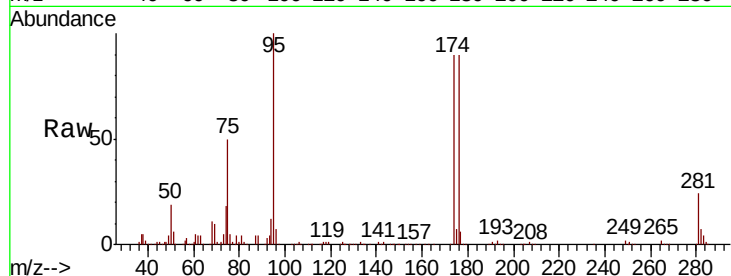




#62
4-Bromofluorobenzene
Concen: 30.040 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005931.D
Acq: 09 Oct 2018 08:47

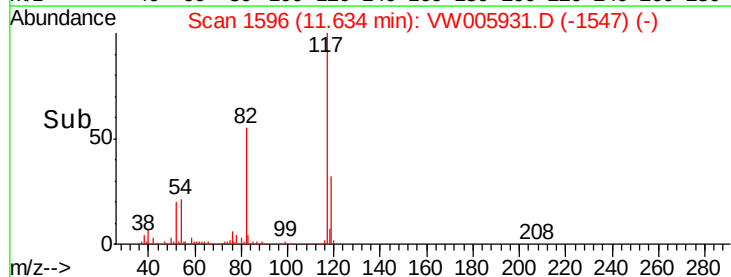
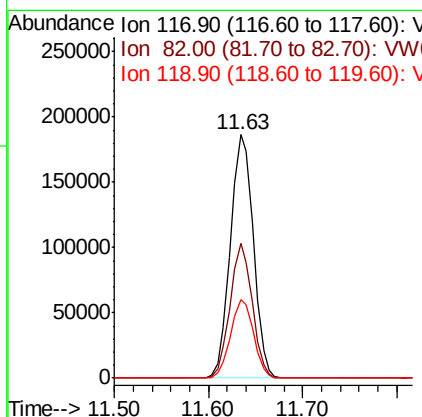
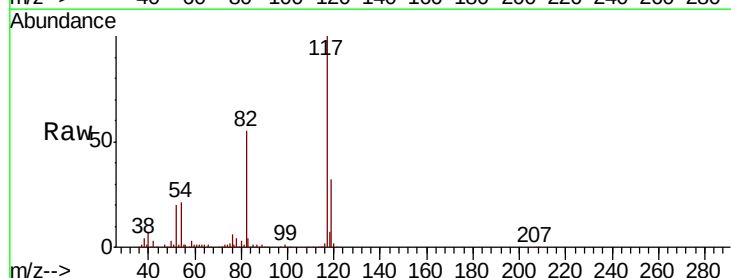
Instrument :
MSVOA_W
ClientSampled :

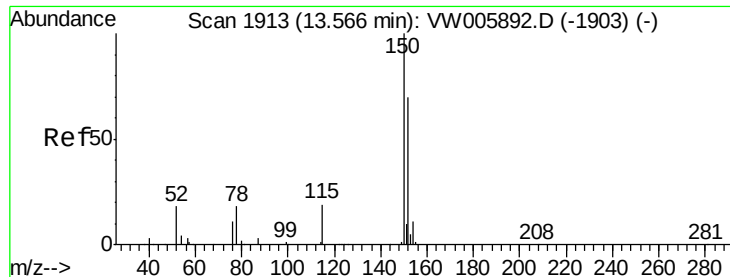
Tot Ion: 95 Resp: 99049
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.4
176 90.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005931.D
Acq: 09 Oct 2018 08:47

Tgt Ion: 117 Resp: 316510
Ion Ratio Lower Upper
117 100
82 55.3 43.5 65.3
119 32.3 25.4 38.2



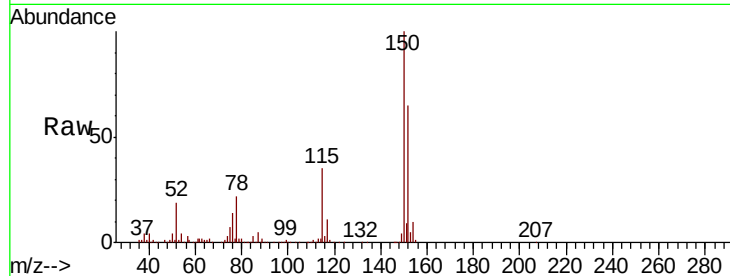


#72

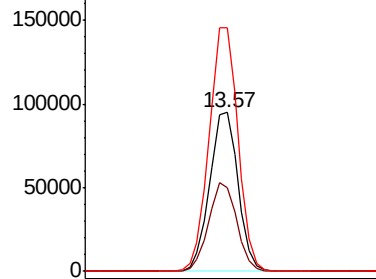
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005931.D
Acq: 09 Oct 2018 08:47

Instrument :
MSVOA_W
ClientSampleId :

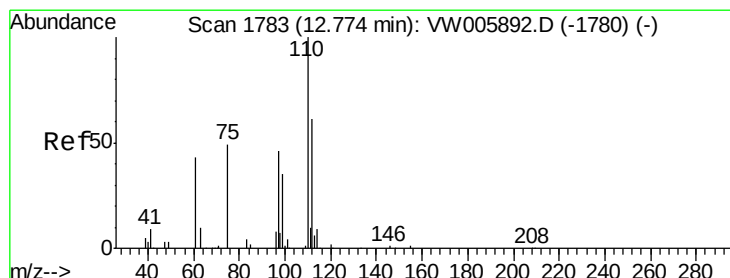
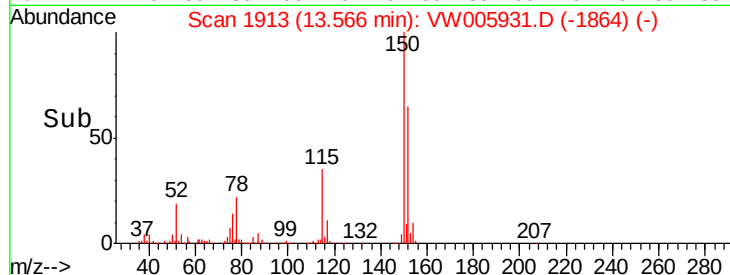
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.3	85.0
150	155.6	0.0	349.2



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



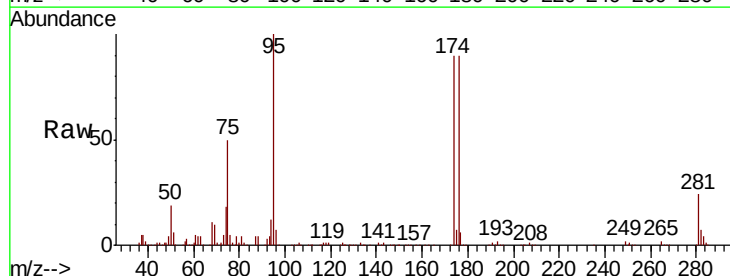
Time-->



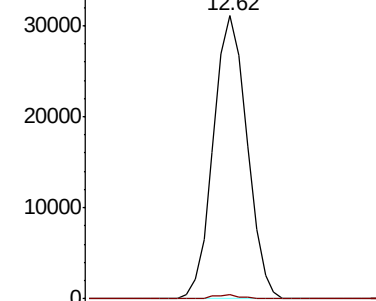
#76

1,2,3-Trichloropropane
Concen: 36.980 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005931.D
Acq: 09 Oct 2018 08:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

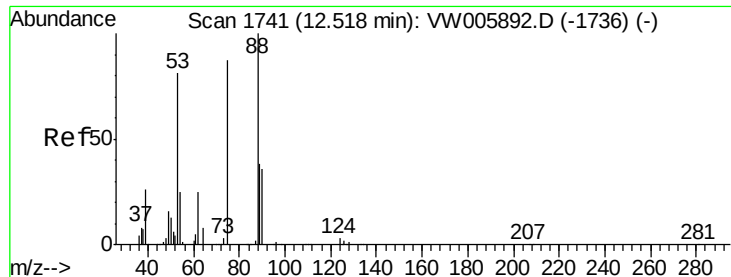


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 78.069 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005931.D

Acq: 09 Oct 2018 08:47

Instrument :

MSVOA_W

ClientSampleId :

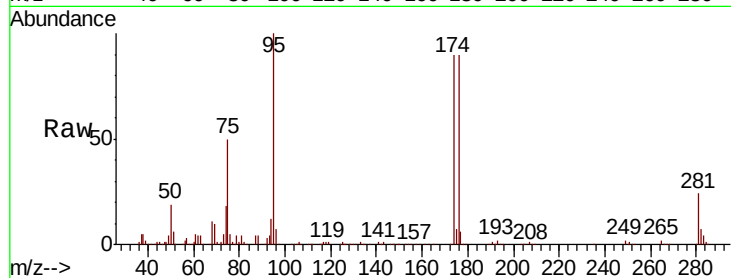
Tot Ion: 75 Resp: 50435

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 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

