

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004142.D
 Acq On : 23 Jul 2018 17:21
 Operator : SY/AP
 Sample : J4070-03
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:45:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152099	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	2012	0.80	ug/l	0.00
Spiked Amount			Recovery	=	1.60%	
35) Dibromofluoromethane	7.89	113	1826	0.73	ug/l	0.00
Spiked Amount			Recovery	=	1.46%	
50) Toluene-d8	10.32	98	5739	0.59	ug/l	0.00
Spiked Amount			Recovery	=	1.18%	
62) 4-Bromofluorobenzene	12.63	95	2280	0.65	ug/l	0.00
Spiked Amount			Recovery	=	1.30%	

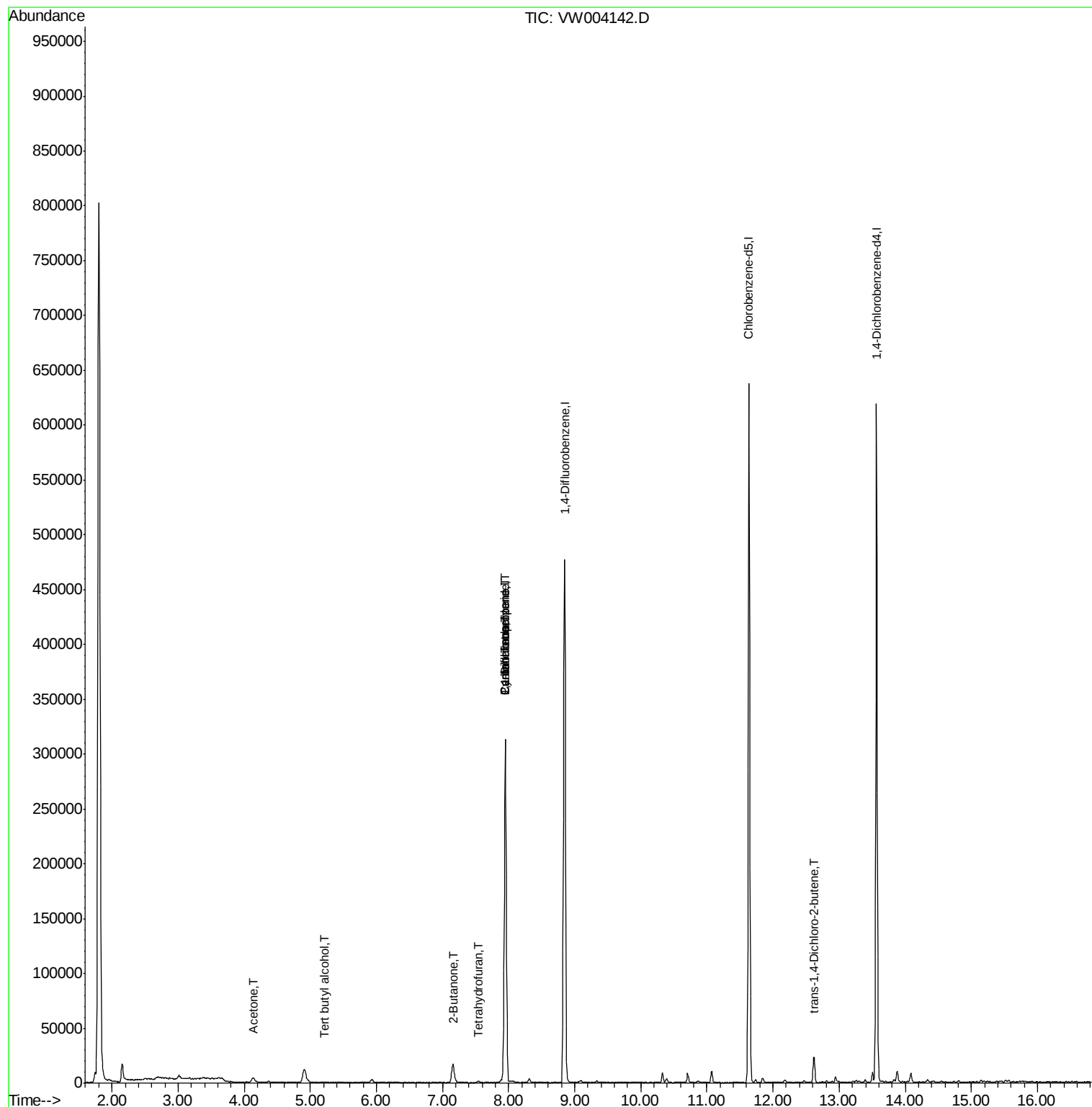
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	270	1.556	ug/l #	72
16) Acetone	4.14	43	7742	12.815	ug/l	94
20) Methylene Chloride	4.90	84	10385	Below Cal		97
25) 2-Butanone	7.18	43	2034	2.502	ug/l #	82
29) Tetrahydrofuran	7.53	42	725	1.432	ug/l #	82
31) Cyclohexane	7.95	56	6200	1.487	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19066	4.776	ug/l #	50
38) Carbon Tetrachloride	7.95	117	22938	6.149	ug/l #	18
81) trans-1,4-Dichloro-2-buten	12.63	75	1498	2.194	ug/l #	11

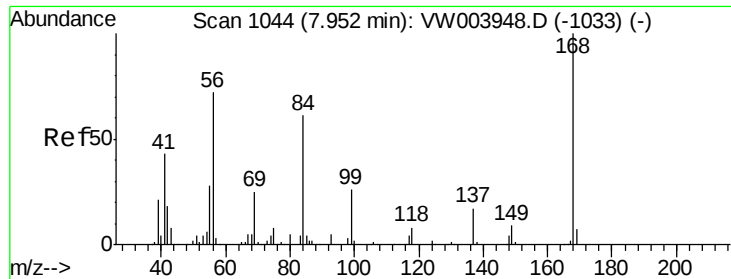
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

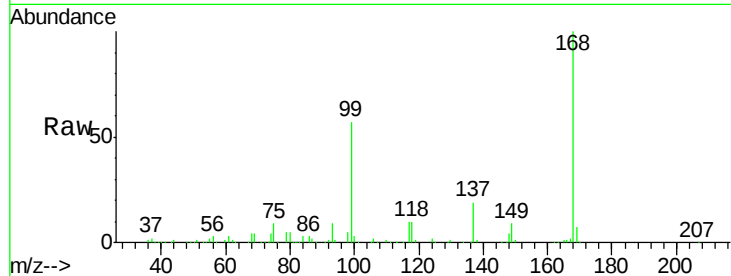
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 224913

Ion Ratio Lower Upper

168 100

99 57.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW003948.D (-1033) (-)

Ion 98.90 (98.60 to 99.60): VW003948.D (-1033) (-)

7.95

100000

80000

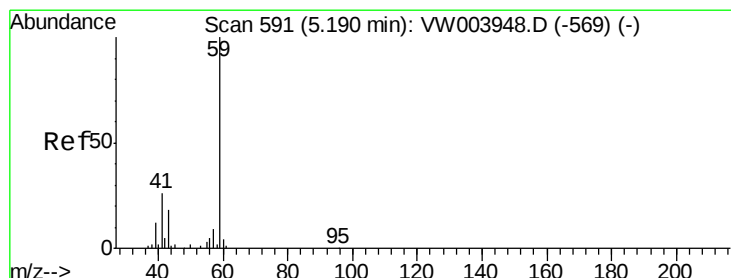
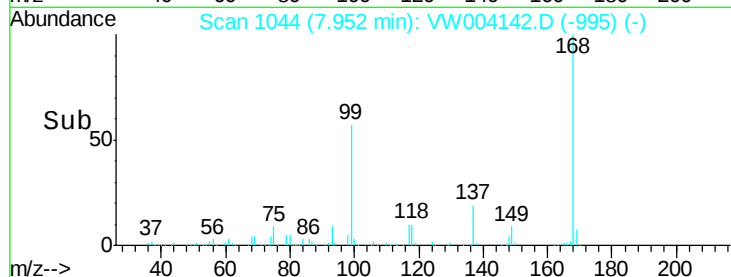
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.556 ug/l

RT: 5.21 min Scan# 594

Delta R.T. 0.02 min

Lab File: VW004142.D

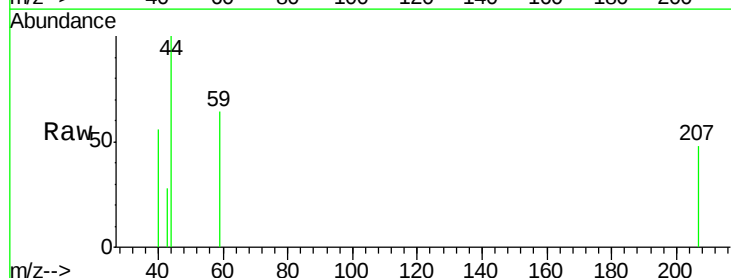
Acq: 23 Jul 2018 17:21

Tgt Ion: 59 Resp: 270

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW003948.D (-569) (-)

Ion 57.00 (56.70 to 57.70): VW003948.D (-569) (-)

5.21

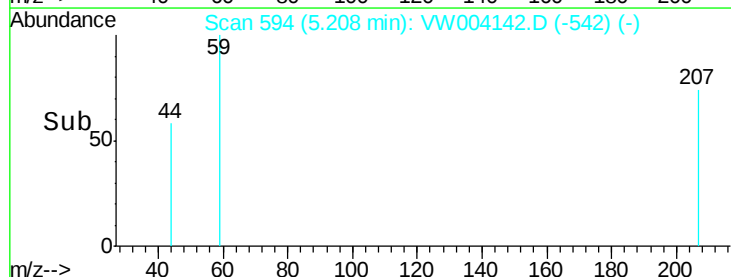
150

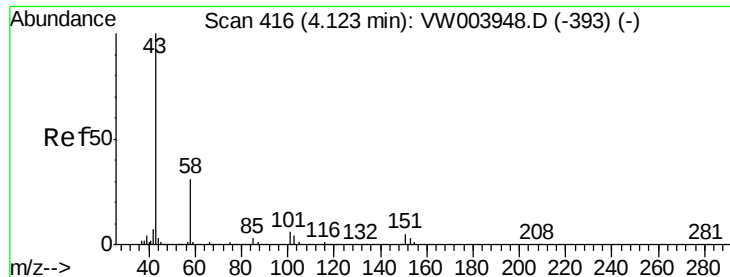
100

50

0

Time-->

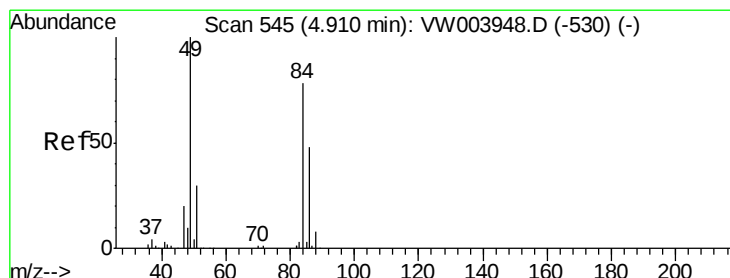
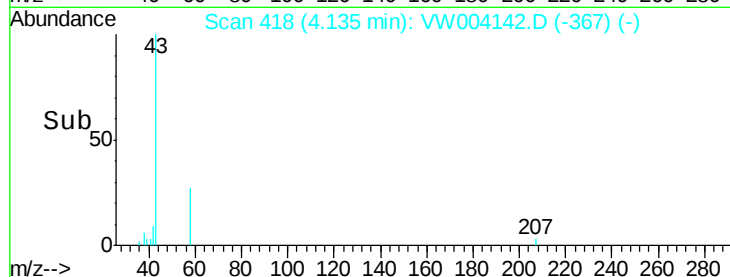
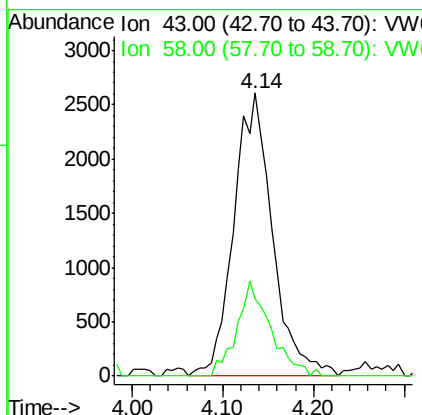
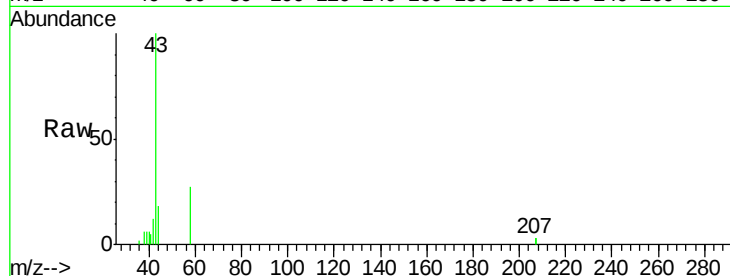




#16
Acetone
Concen: 12.815 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.01 min
Lab File: VW004142.D
Acq: 23 Jul 2018 17:21

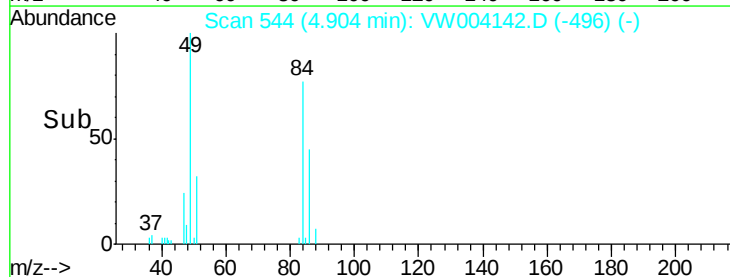
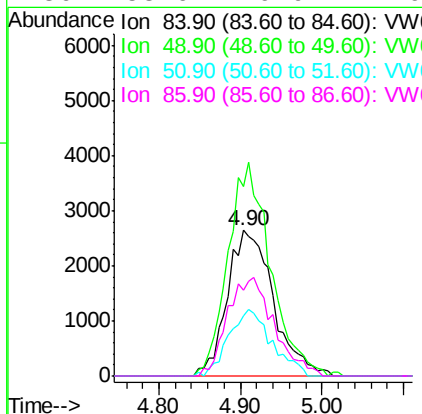
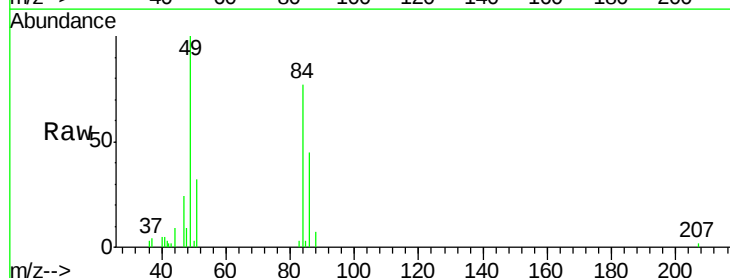
Instrument :
MSVOA_W
ClientSampleId :

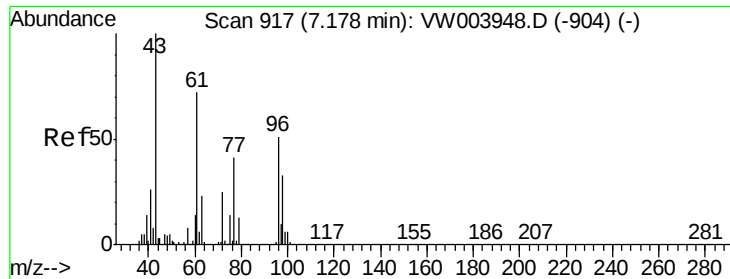
Tot Ion: 43 Resp: 7742
Ion Ratio Lower Upper
43 100
58 27.1 24.5 36.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004142.D
Acq: 23 Jul 2018 17:21

Tgt Ion: 84 Resp: 10385
Ion Ratio Lower Upper
84 100
49 129.7 102.9 154.3
51 41.1 30.9 46.3
86 58.6 49.9 74.9





#25

2-Butanone

Concen: 2.502 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

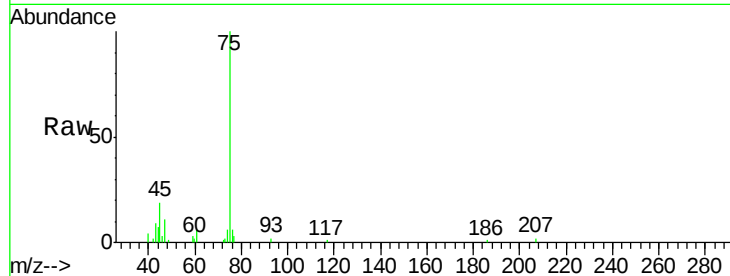
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2034

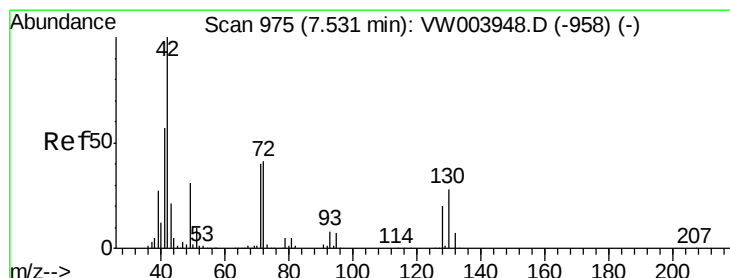
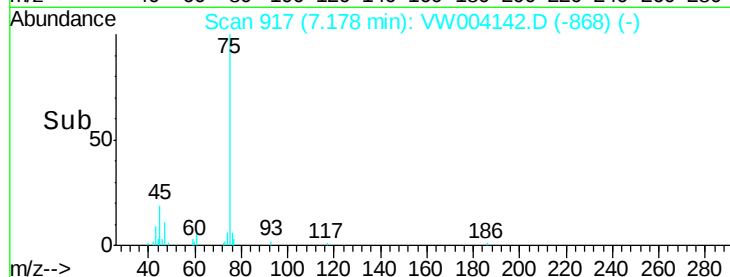
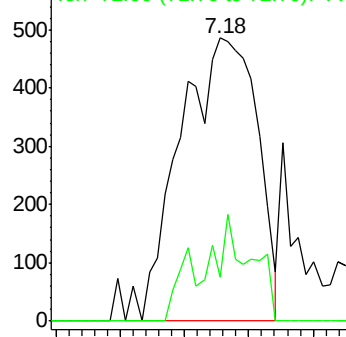
Ion Ratio Lower Upper

43 100

72 15.6 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.432 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

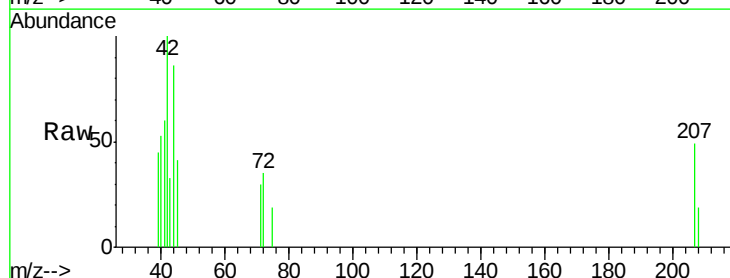
Tgt Ion: 42 Resp: 725

Ion Ratio Lower Upper

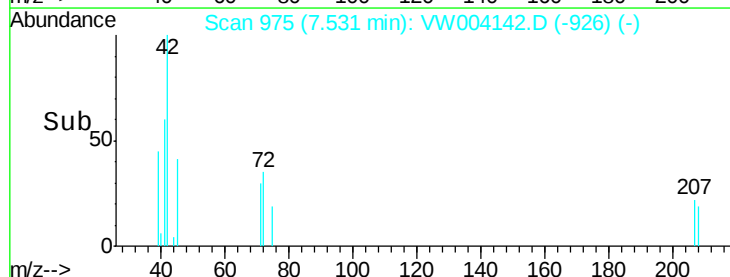
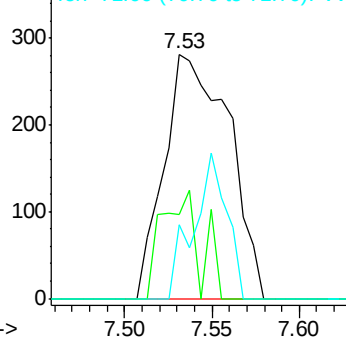
42 100

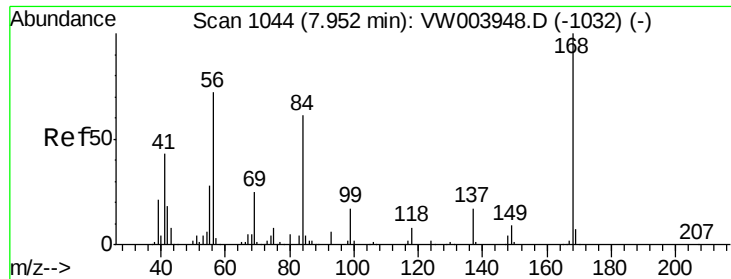
72 26.1 32.6 48.8#

71 30.6 30.5 45.7



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

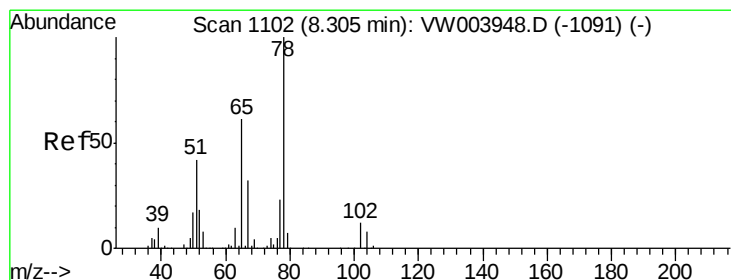
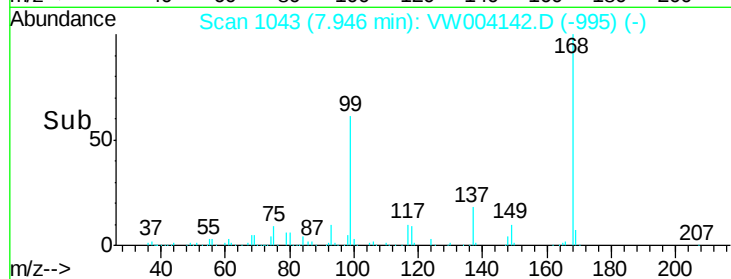
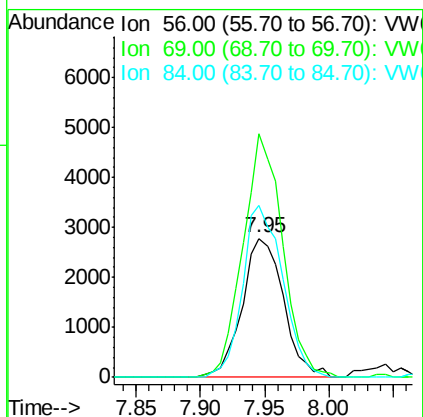
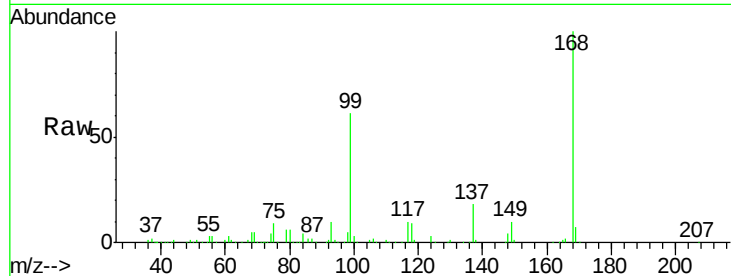




#31
Cyclohexane
Concen: 1.487 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004142.D
Acq: 23 Jul 2018 17:21

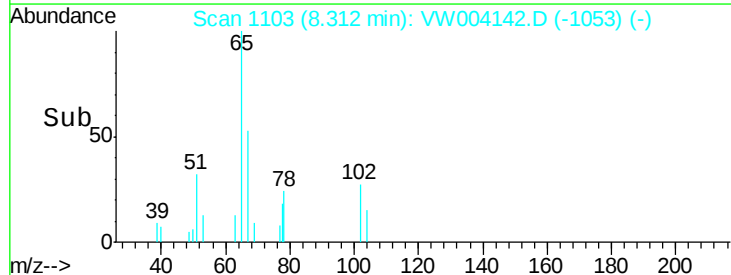
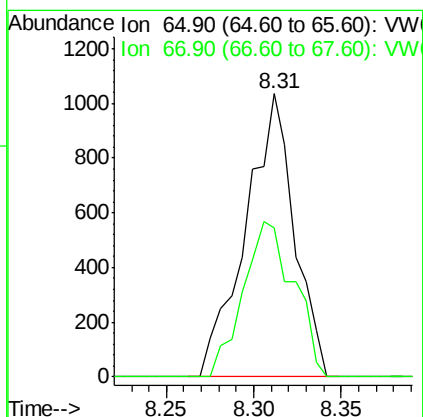
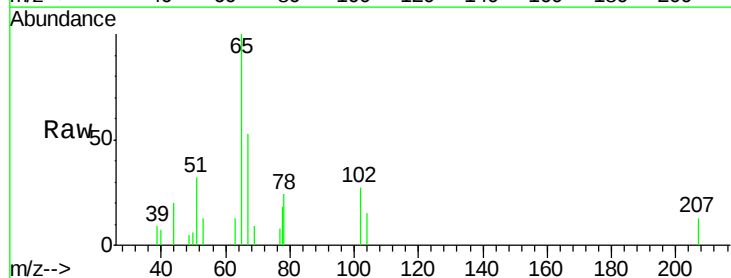
Instrument :
MSVOA_W
ClientSampled :

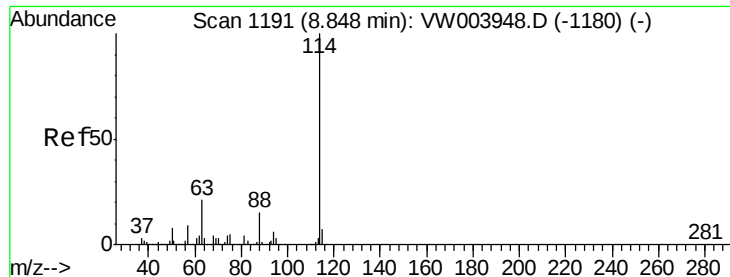
Tot Ion: 56 Resp: 6200
Ion Ratio Lower Upper
56 100
69 175.0 27.8 41.8#
84 124.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 0.800 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004142.D
Acq: 23 Jul 2018 17:21

Tgt Ion: 65 Resp: 2012
Ion Ratio Lower Upper
65 100
67 56.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

Instrument :

MSVOA_W

ClientSampled :

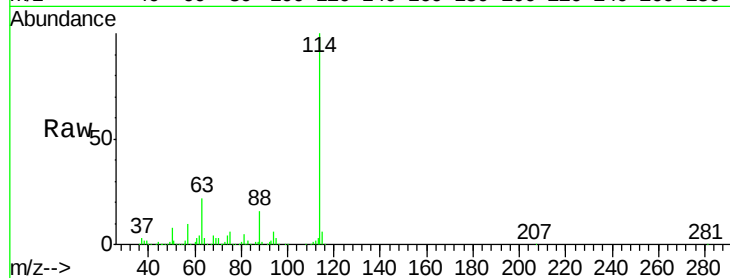
Tot Ion:114 Resp: 388010

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

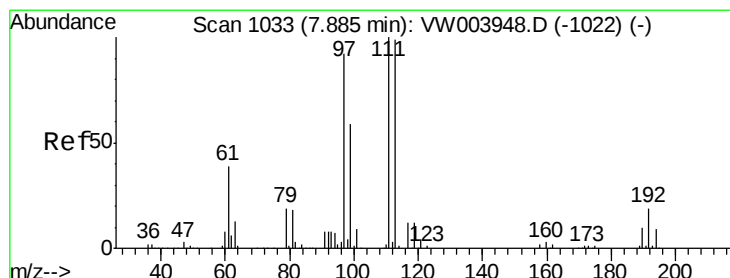
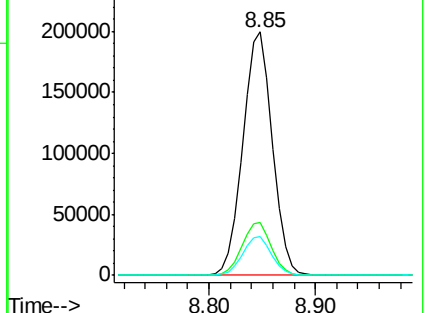
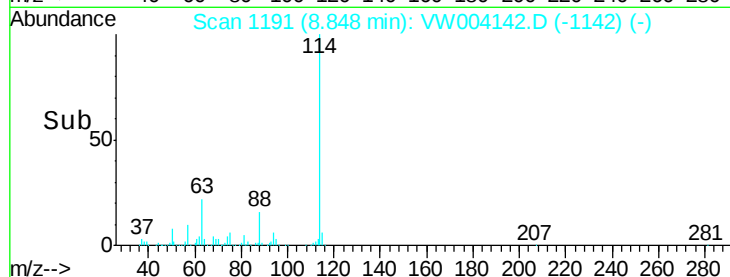
88 15.9 0.0 30.4



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: 0.733 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

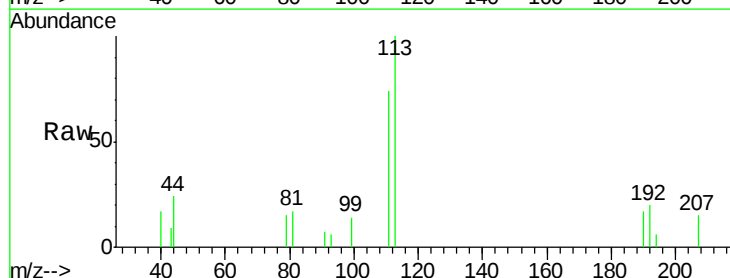
Tgt Ion:113 Resp: 1826

Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

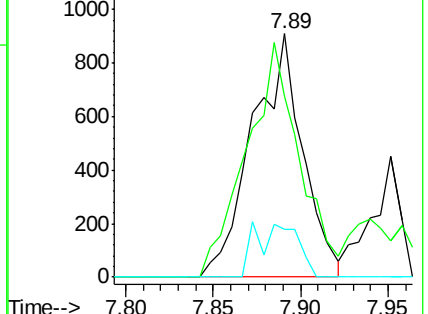
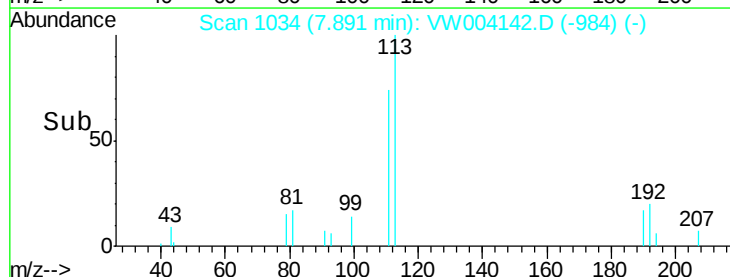
192 18.5 15.8 23.6

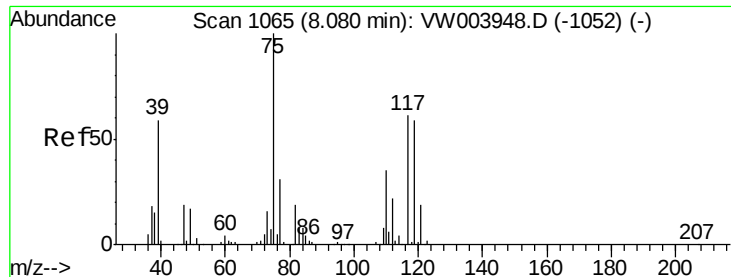


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

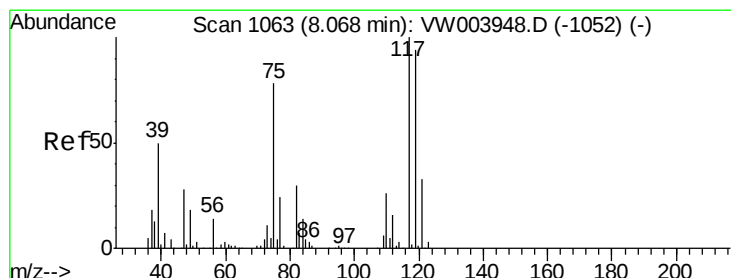
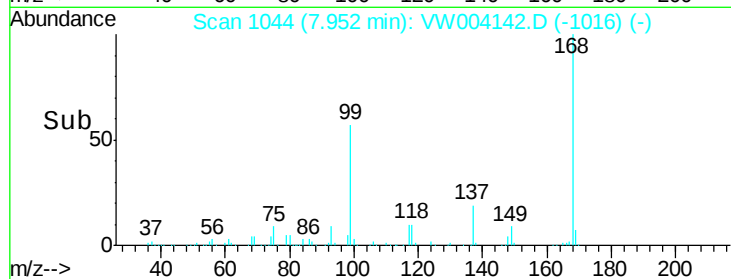
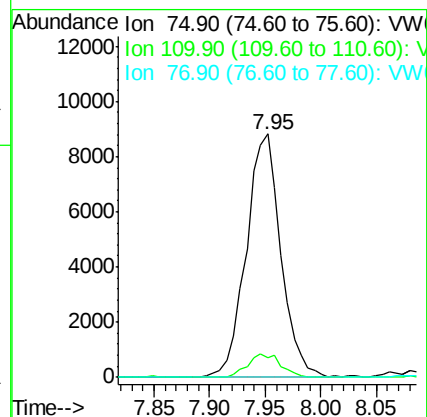
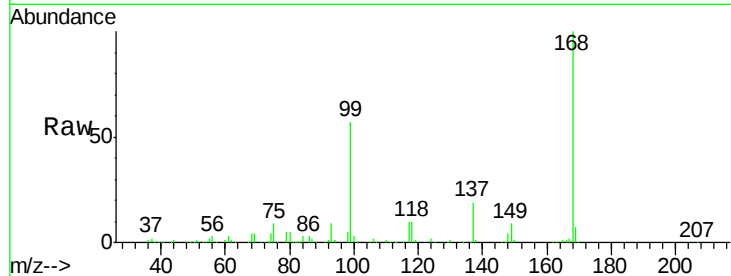




#36
 1,1-Dichloropropene
 Concen: 4.776 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004142.D
 Acq: 23 Jul 2018 17:21

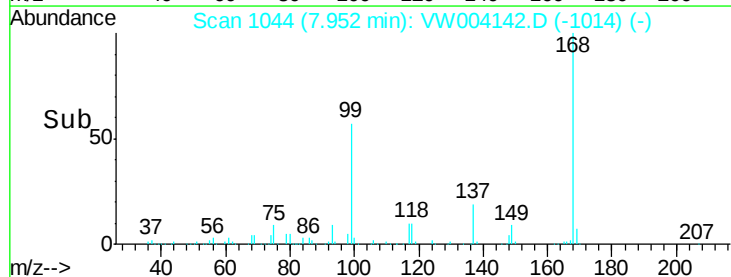
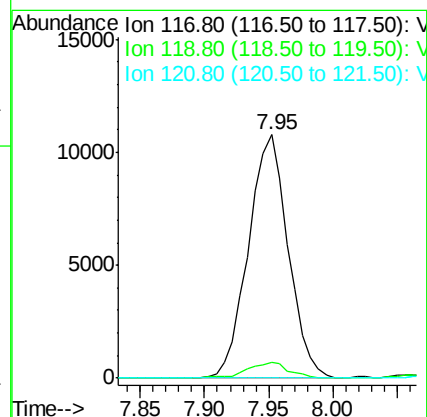
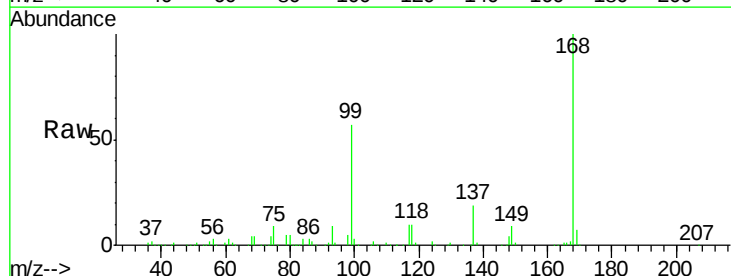
Instrument :
 MSVOA_W
 ClientSampled :

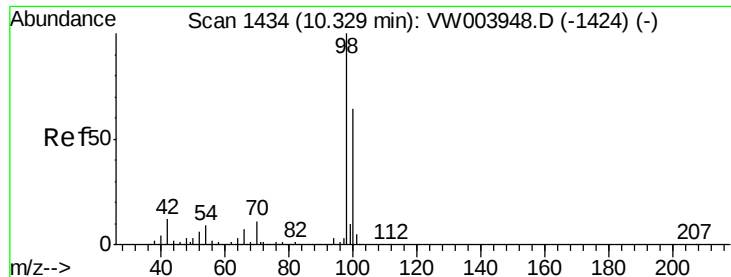
Tot Ion	75	Resp	19066
Ion Ratio	Lower	Upper	
75	100		
110	9.1	17.0	51.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.149 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004142.D
 Acq: 23 Jul 2018 17:21

Tgt Ion	117	Resp	22938
Ion Ratio	Lower	Upper	
117	100		
119	6.5	75.3	112.9#
121	0.0	26.0	39.0#





#50

Toluene-d8

Concen: 0.594 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

Instrument :

MSVOA_W

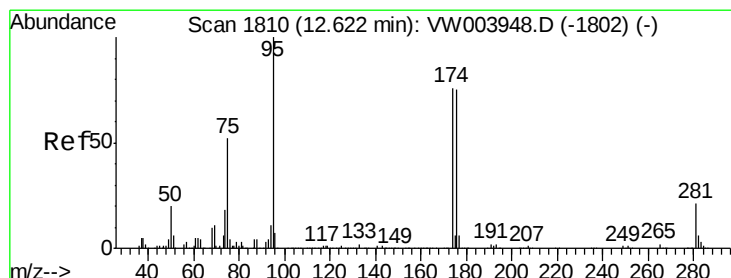
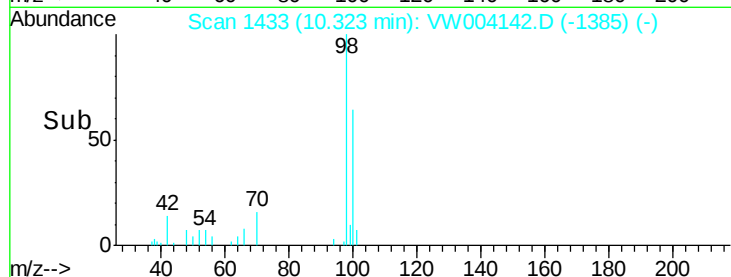
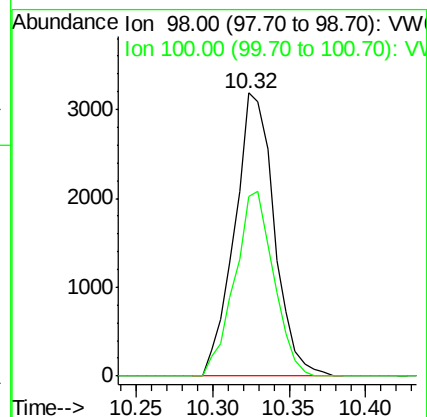
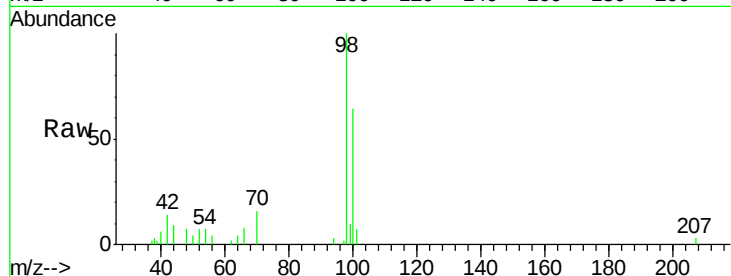
ClientSampleId :

Tot Ion: 98 Resp: 5739

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 0.655 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

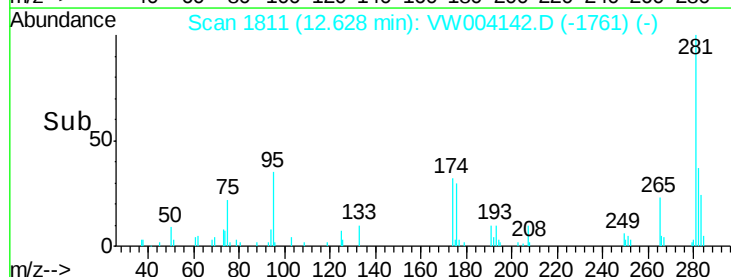
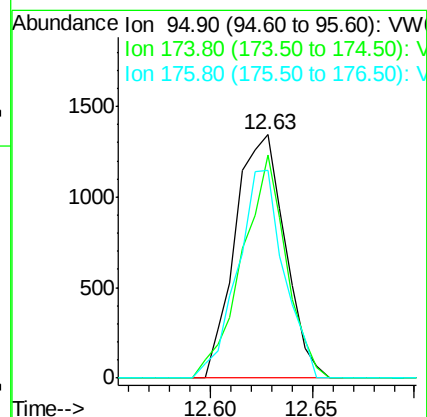
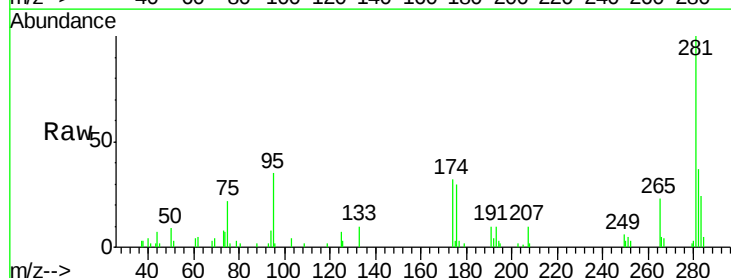
Tgt Ion: 95 Resp: 2280

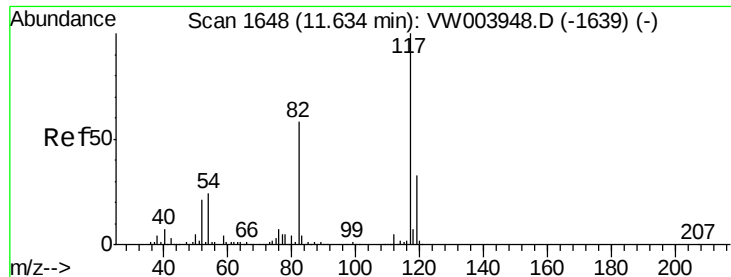
Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.2

176 79.6 0.0 155.8

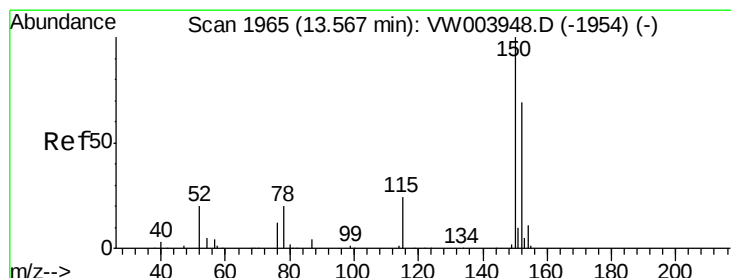
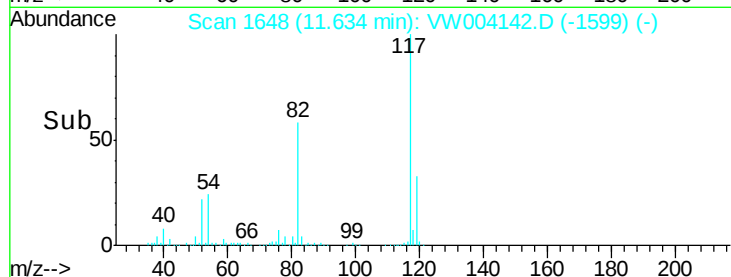
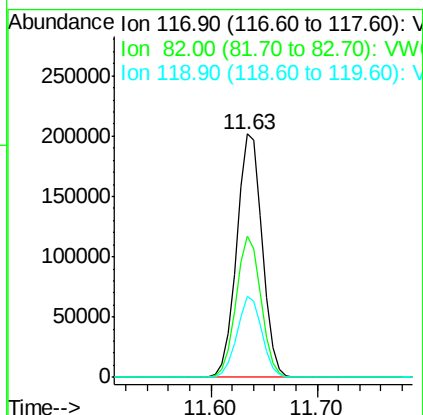
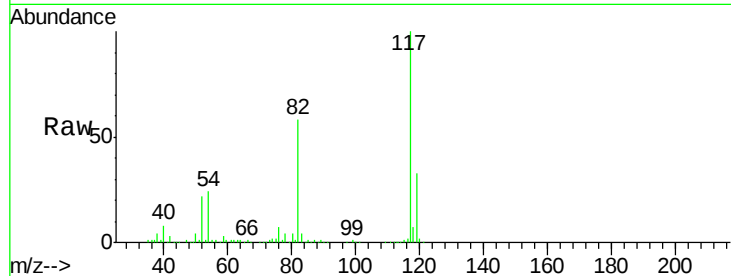




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004142.D
Acq: 23 Jul 2018 17:21

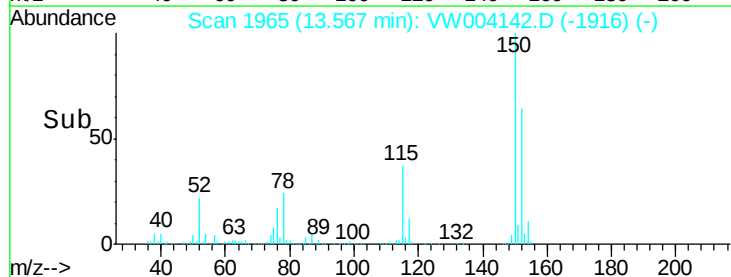
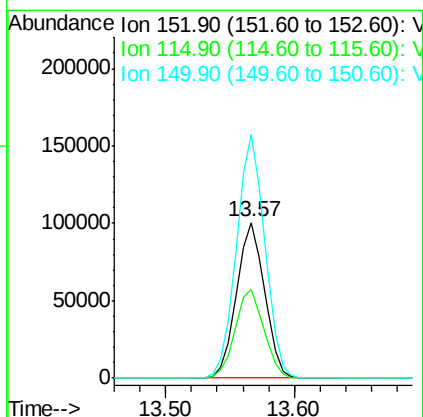
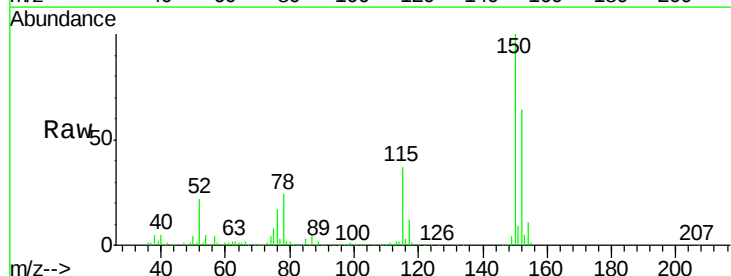
Instrument :
MSVOA_W
ClientSampled :

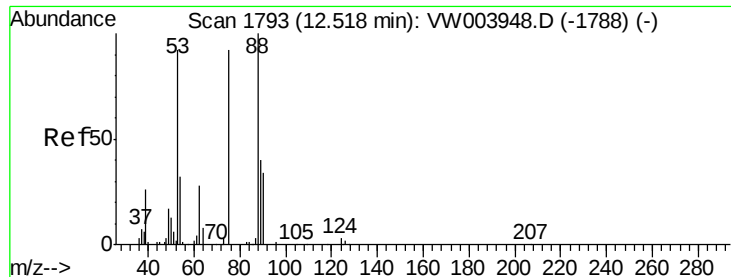
Tot Ion:117 Resp: 339570
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004142.D
Acq: 23 Jul 2018 17:21

Tgt Ion:152 Resp: 152099
Ion Ratio Lower Upper
152 100
115 58.6 29.2 87.6
150 157.8 0.0 345.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.194 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004142.D

Acq: 23 Jul 2018 17:21

Instrument :

MSVOA_W

ClientSampleId :

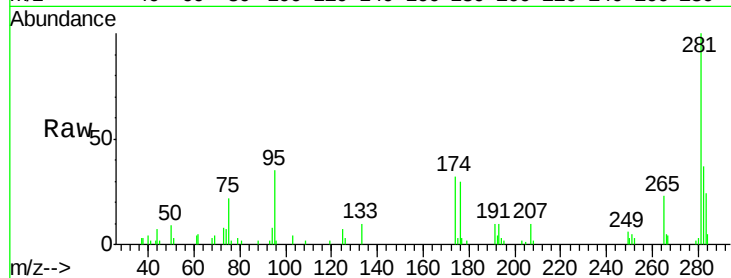
Tot Ion: 75 Resp: 1498

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#



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

