

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002548.D
 Acq On : 15 May 2018 12:52
 Operator : JC/SY
 Sample : VW0515SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBL02

Quant Time: May 16 05:42:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162467	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	112198	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
35) Dibromofluoromethane	7.88	113	105687	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.33	98	404680	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.63	95	137322	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	

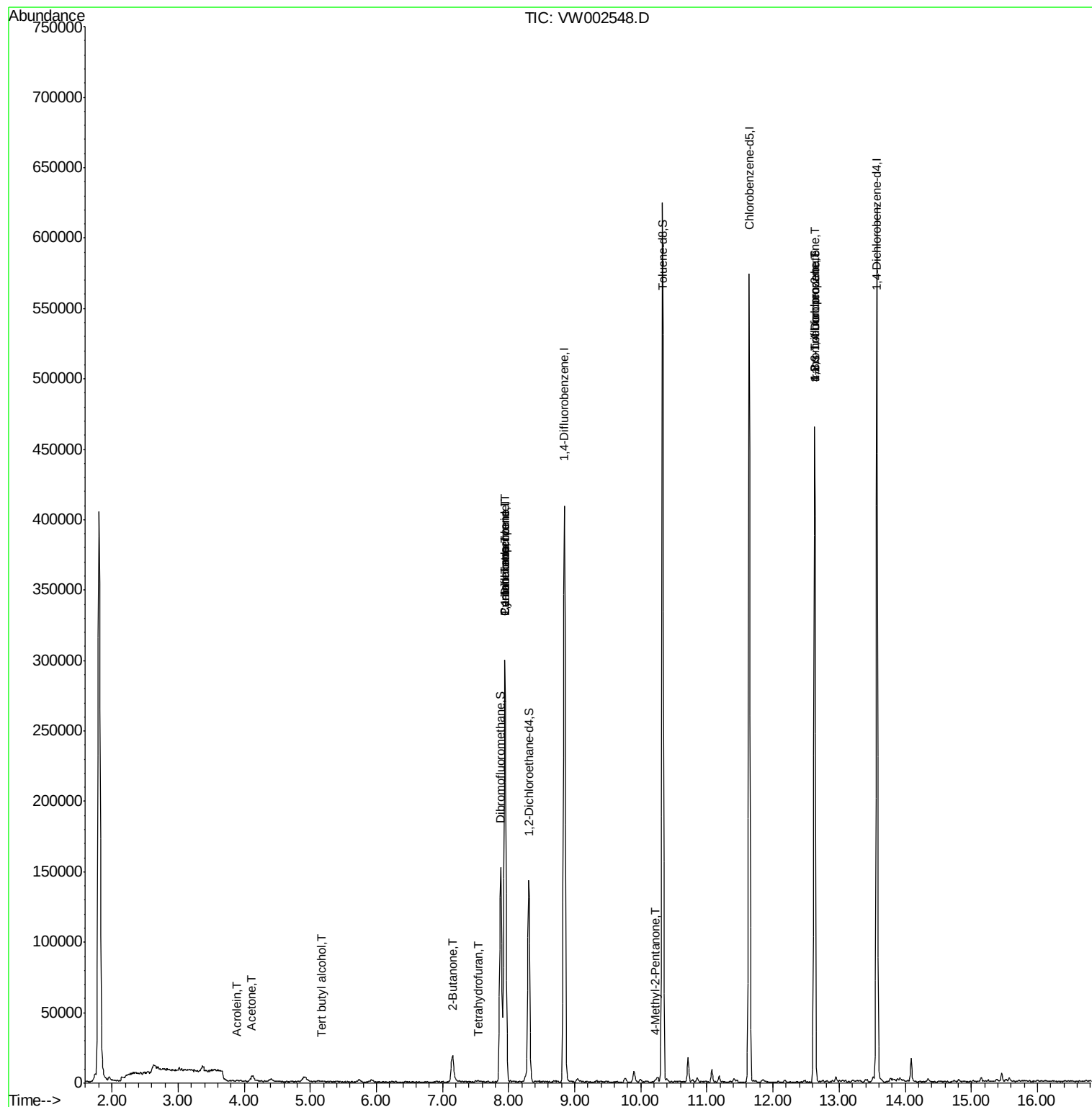
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	263	1.43	ug/l #	72
13) Acrolein	3.90	56	182	1.00	ug/l	86
16) Acetone	4.12	43	8086	15.99	ug/l	94
20) Methylene Chloride	4.91	84	2753	Below Cal		96
25) 2-Butanone	7.15	43	761	1.06	ug/l #	49
29) Tetrahydrofuran	7.54	42	607	1.36	ug/l #	39
31) Cyclohexane	7.95	56	5251	1.54	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	17225	5.63	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21262	7.09	ug/l #	19
51) 4-Methyl-2-Pentanone	10.22	43	1830	1.14	ug/l #	72
76) 1,2,3-Trichloropropane	12.63	75	72564	47.25	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	72564	128.83	ug/l #	8

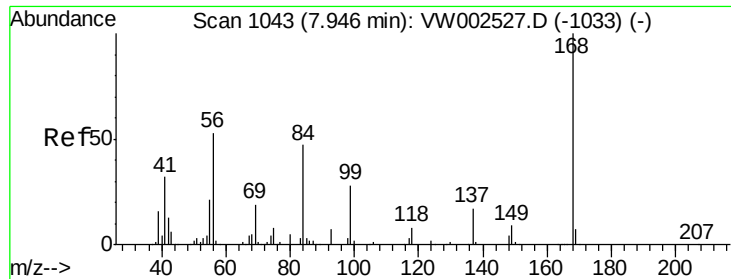
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

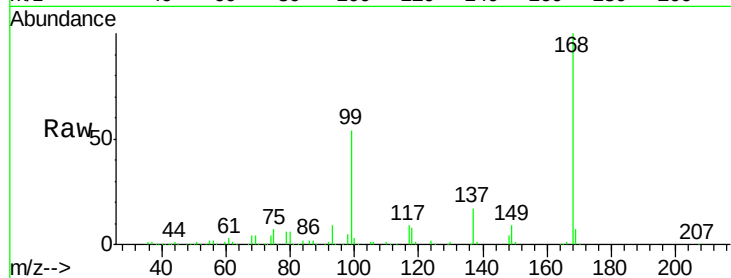
VW0515SBL02

Tgt Ion: 168 Resp: 231796

Ion Ratio Lower Upper

168 100

99 53.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

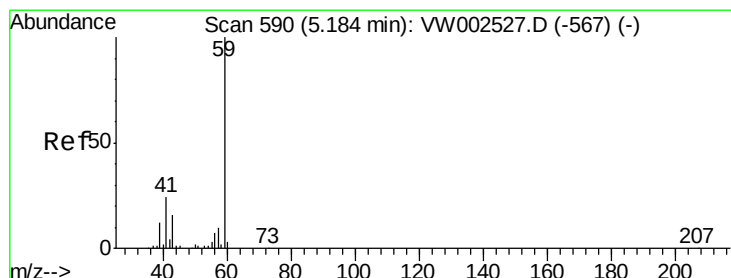
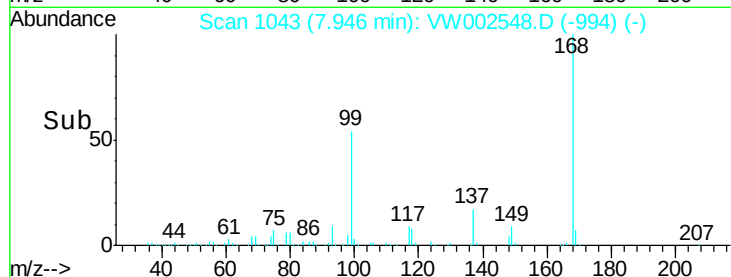
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.43 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.02 min

Lab File: VW002548.D

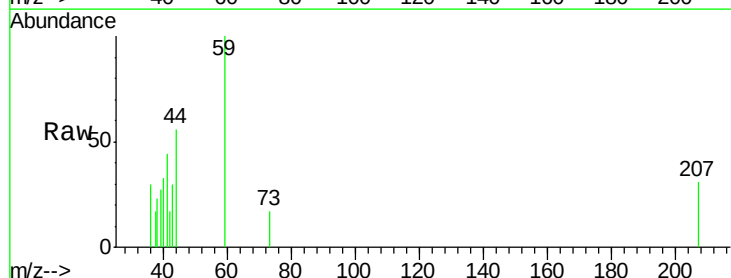
Acq: 15 May 2018 12:52

Tgt Ion: 59 Resp: 263

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

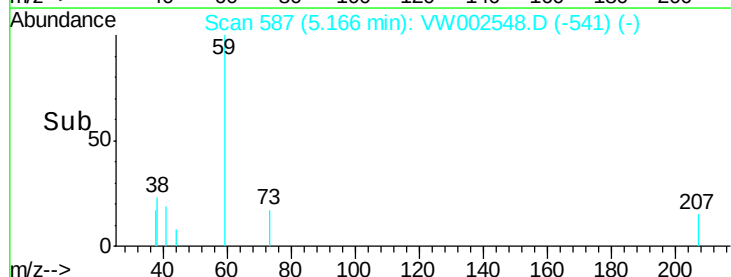
300

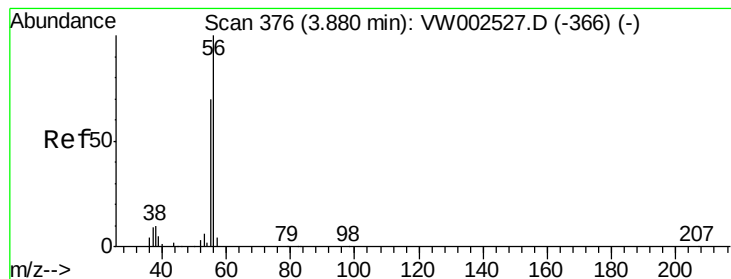
200

100

0

Time-->





#13

Acrolein

Concen: 1.00 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.02 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

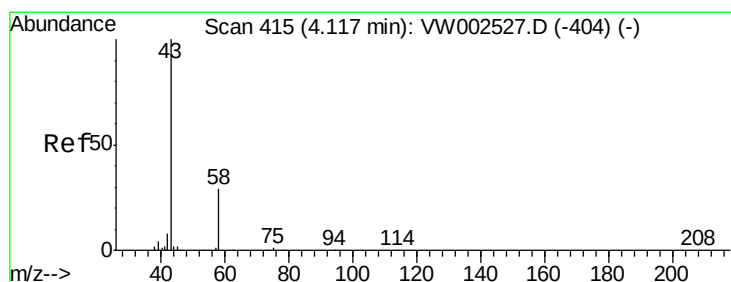
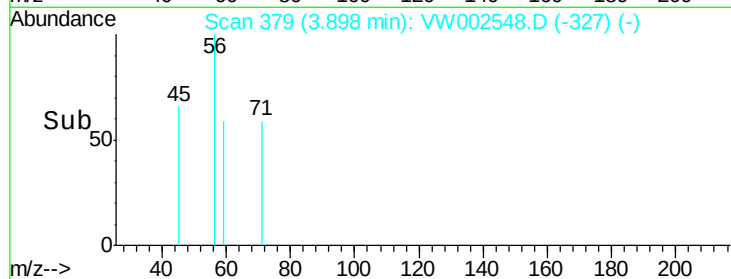
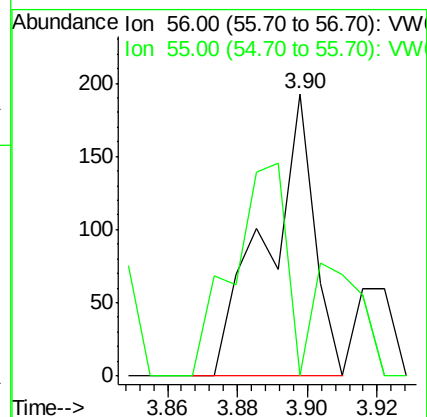
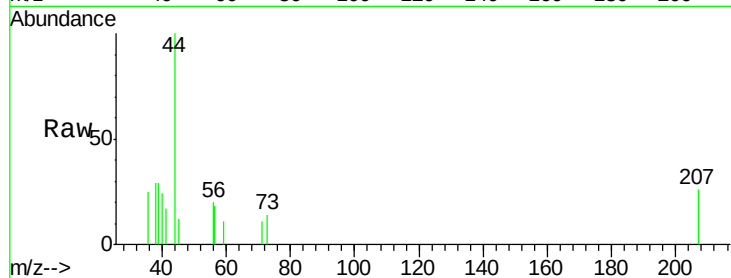
VW0515SBL02

Tgt Ion: 56 Resp: 182

Ion Ratio Lower Upper

56 100

55 83.0 57.0 85.4



#16

Acetone

Concen: 15.99 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002548.D

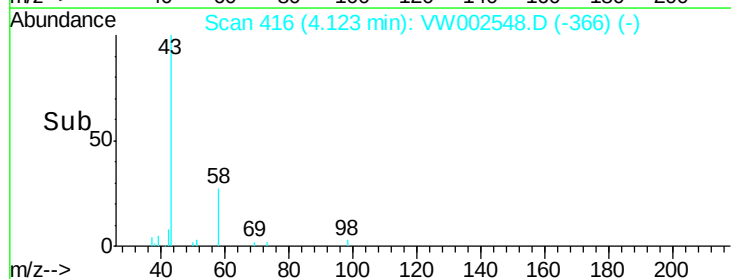
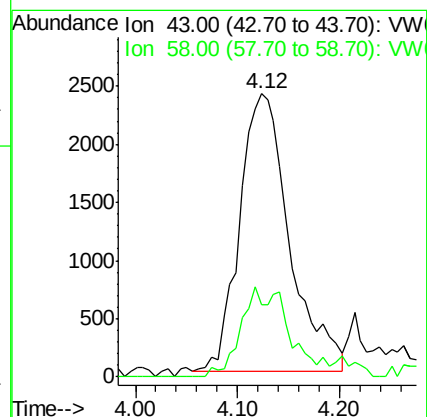
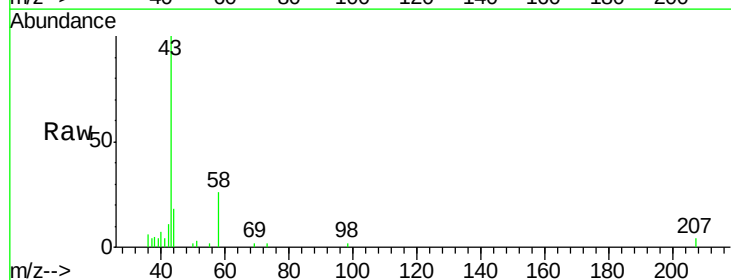
Acq: 15 May 2018 12:52

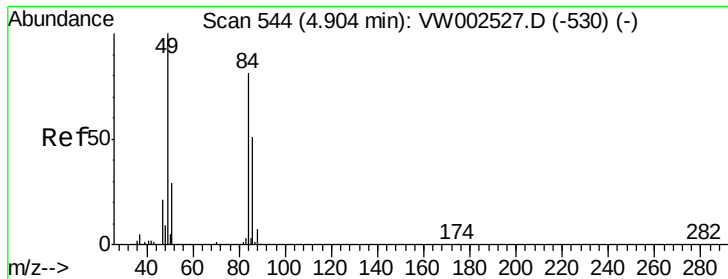
Tgt Ion: 43 Resp: 8086

Ion Ratio Lower Upper

43 100

58 26.2 23.4 35.0

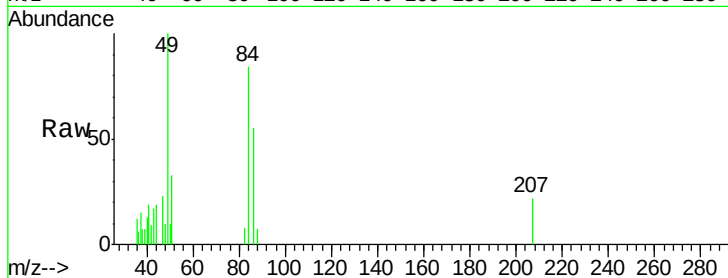




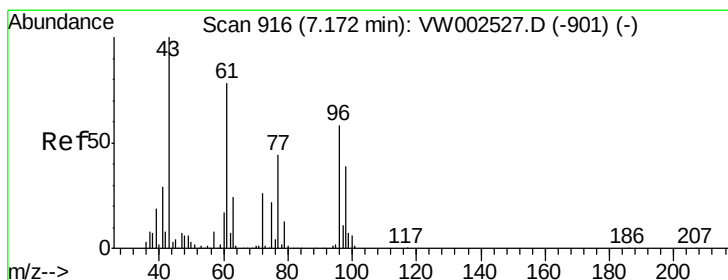
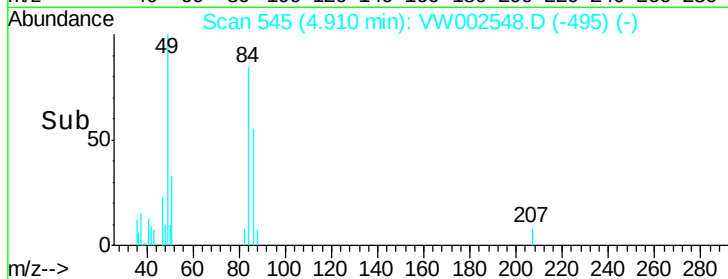
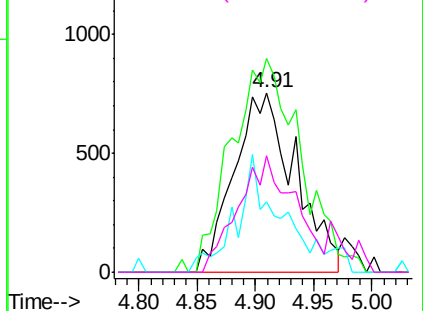
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002548.D
Acq: 15 May 2018 12:52

Instrument :
MSVOA_W
ClientSampled :
VW0515SBL02

Tgt Ion:	84	Resp:	2753
Ion	Ratio	Lower	Upper
84	100		
49	118.9	99.4	149.0
51	38.9	29.0	43.6
86	64.8	50.3	75.5

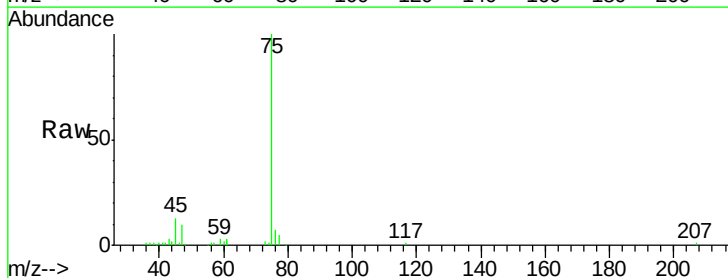


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

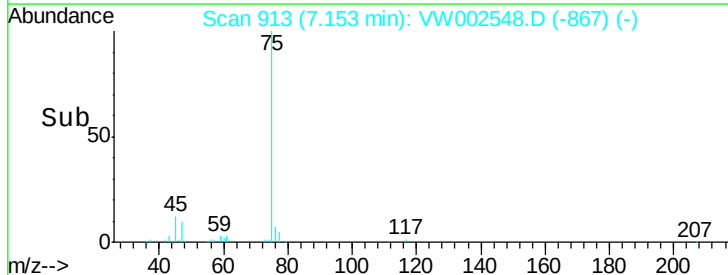
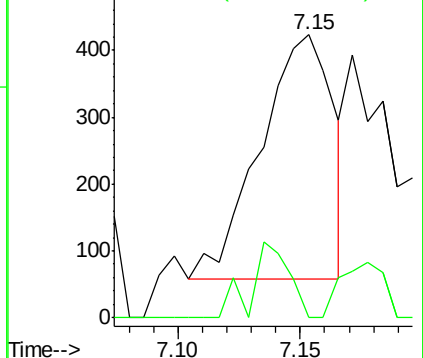


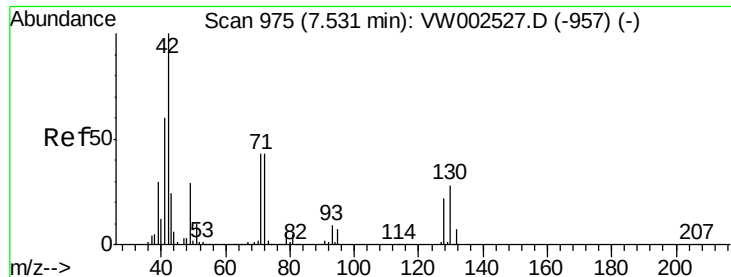
#25
2-Butanone
Concen: 1.06 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW002548.D
Acq: 15 May 2018 12:52

Tgt Ion:	43	Resp:	761
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#



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

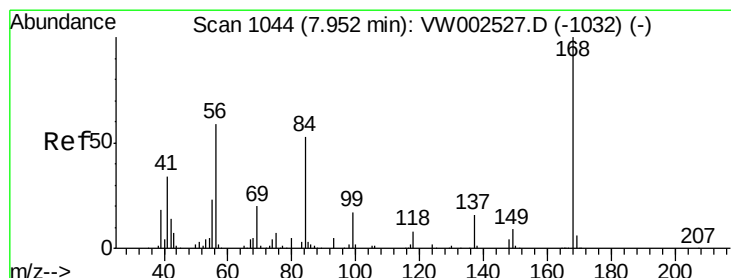
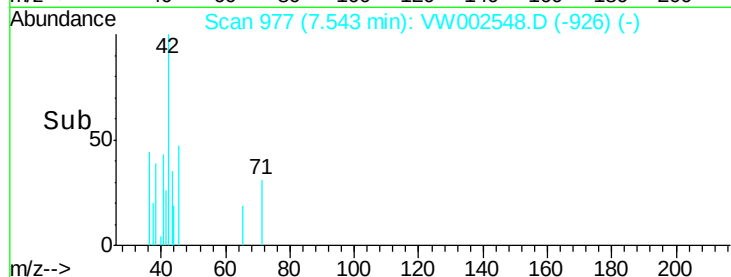
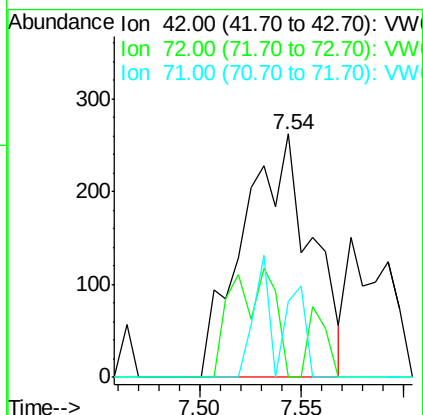
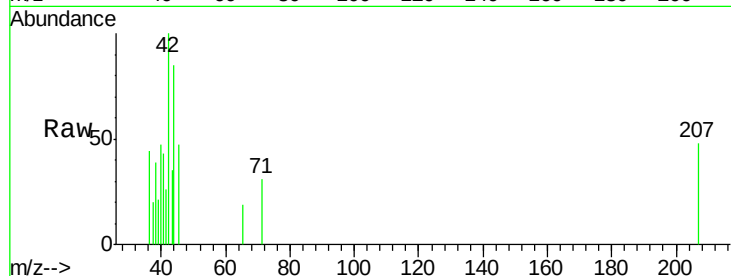




#29
Tetrahydrofuran
Concen: 1.36 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW002548.D
Acq: 15 May 2018 12:52

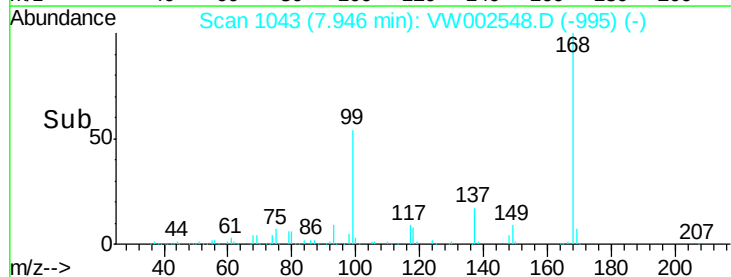
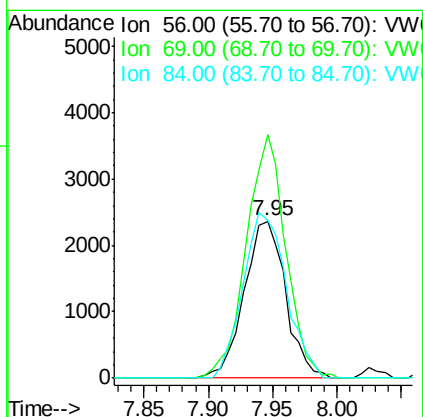
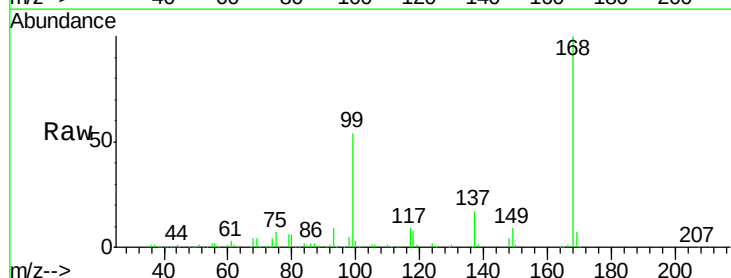
Instrument :
MSVOA_W
ClientSampled :
VW0515SBL02

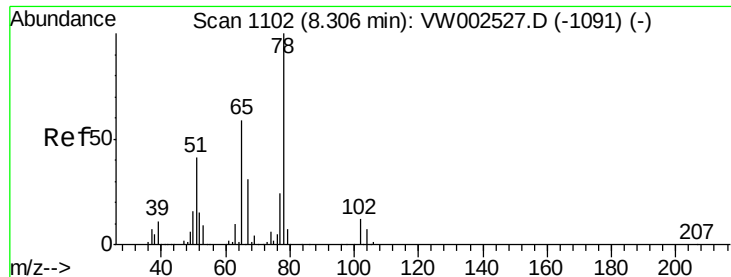
Tgt Ion: 42 Resp: 607
Ion Ratio Lower Upper
42 100
72 7.7 35.0 52.4#
71 0.0 33.0 49.6#



#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002548.D
Acq: 15 May 2018 12:52

Tgt Ion: 56 Resp: 5251
Ion Ratio Lower Upper
56 100
69 154.9 27.0 40.4#
84 100.3 72.2 108.2





#33

1,2-Dichloroethane-d4

Concen: 46.84 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

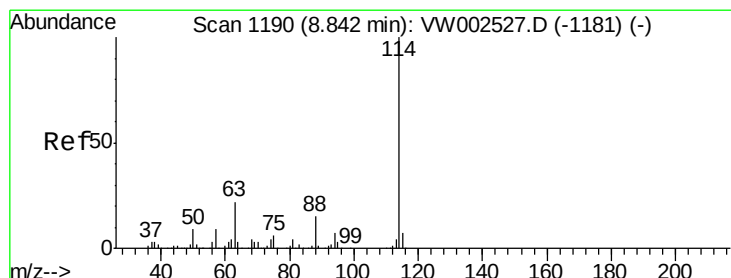
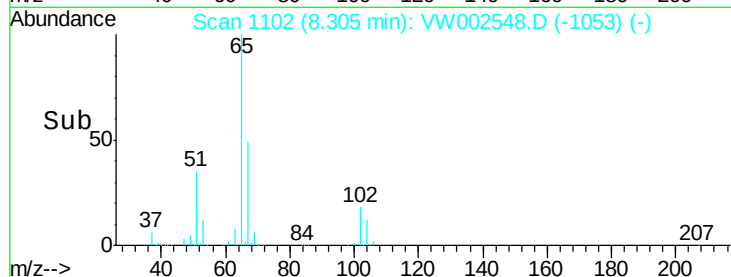
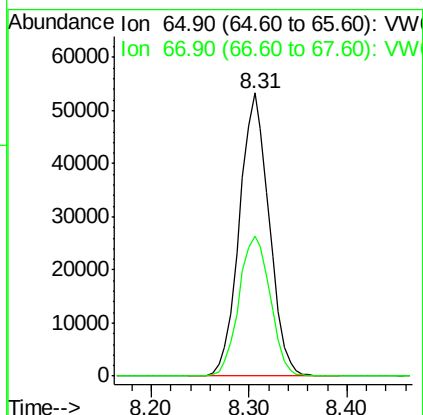
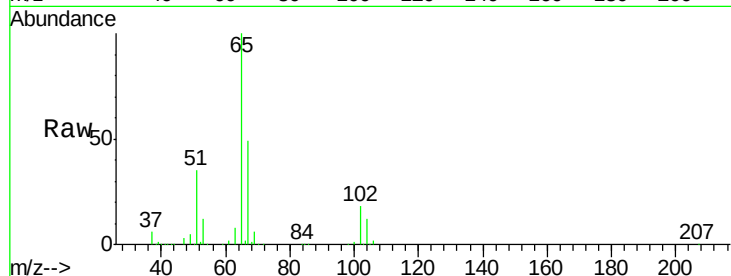
VW0515SBL02

Tgt Ion: 65 Resp: 112198

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.00 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

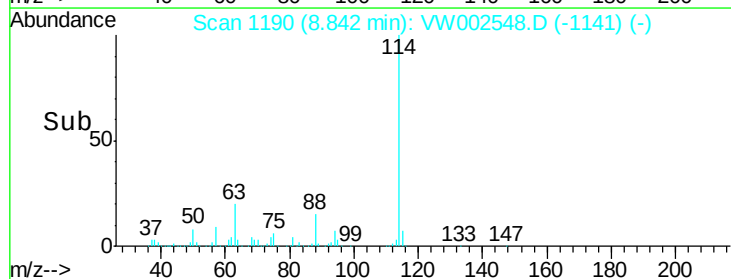
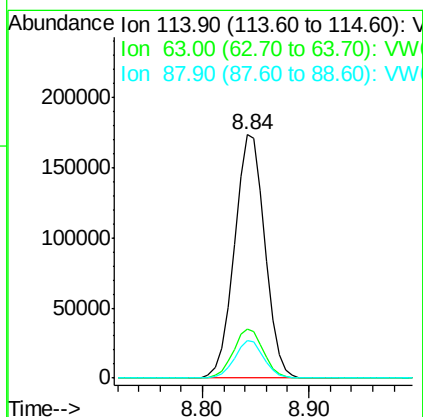
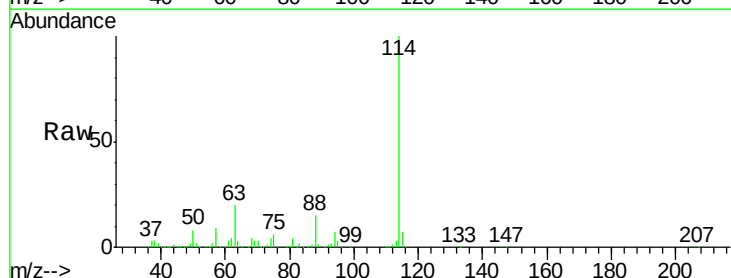
Tgt Ion: 114 Resp: 347007

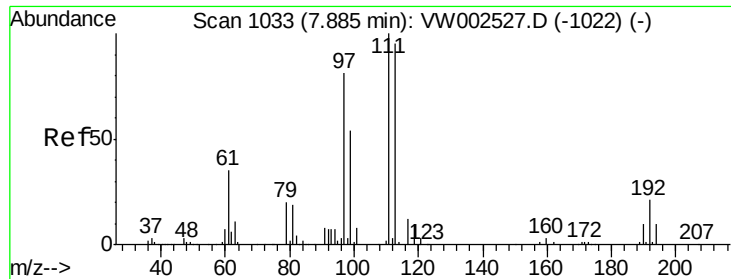
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.2 0.0 29.2

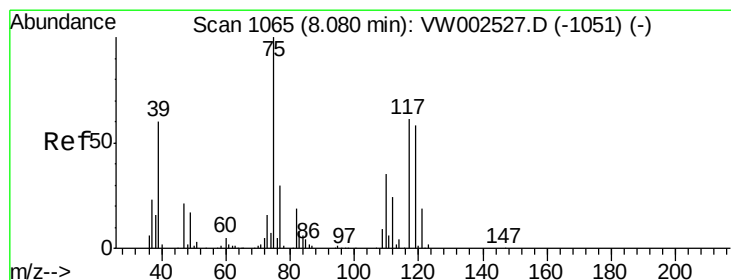
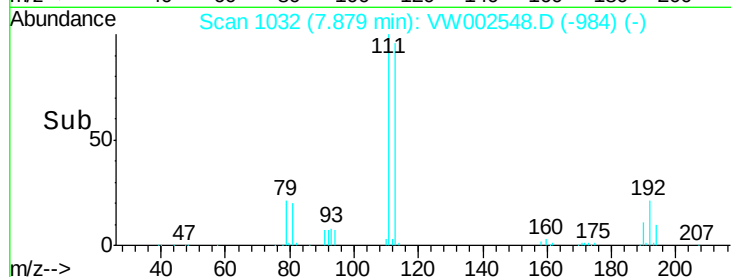
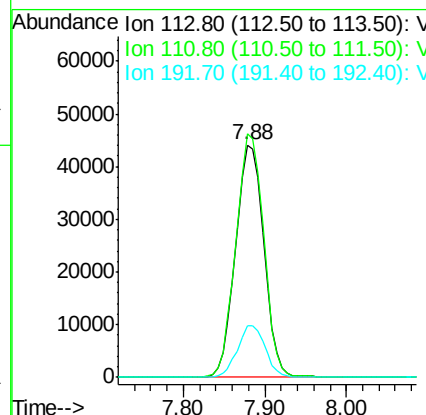
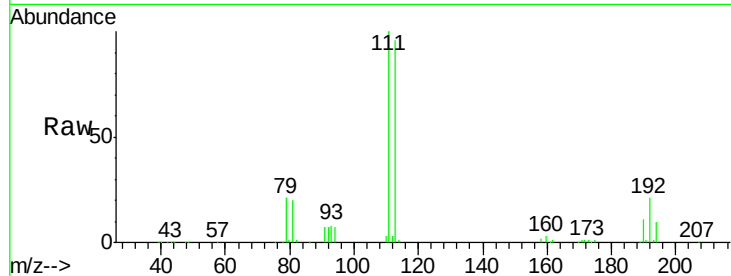




#35
 Dibromofluoromethane
 Concen: 48.01 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002548.D
 Acq: 15 May 2018 12:52

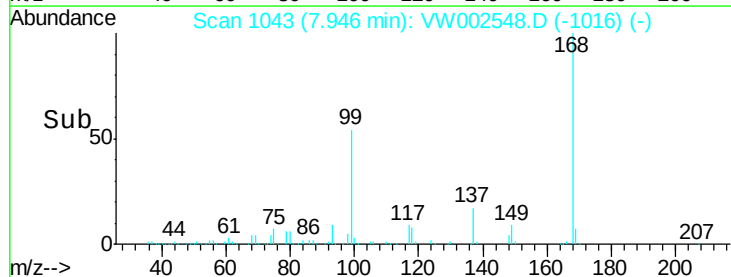
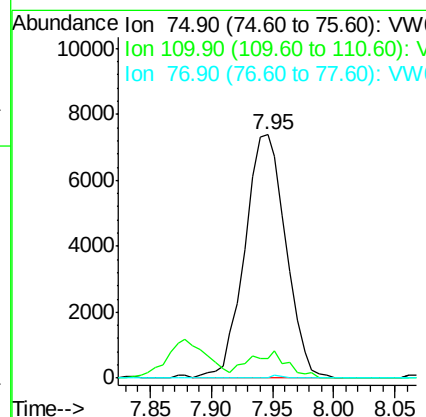
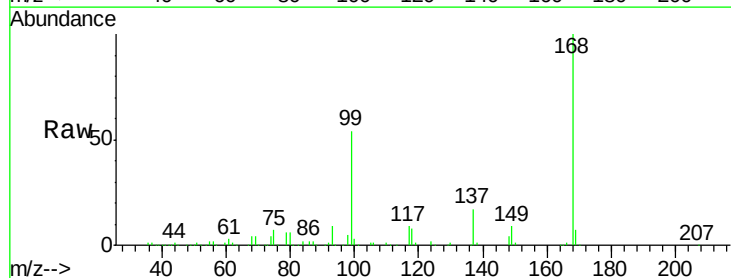
Instrument :
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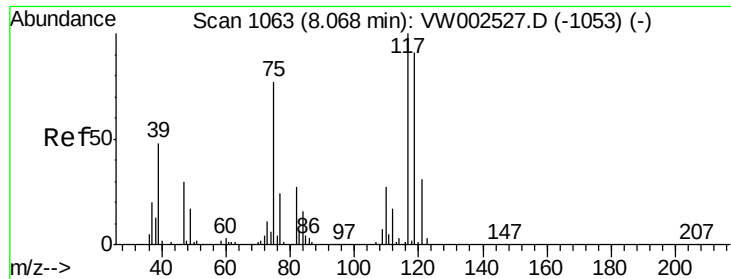
Tgt Ion: 113 Resp: 105687
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 21.9 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 5.63 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002548.D
 Acq: 15 May 2018 12:52

Tgt Ion: 75 Resp: 17225
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.8 53.5#
 77 0.3 24.5 36.7#

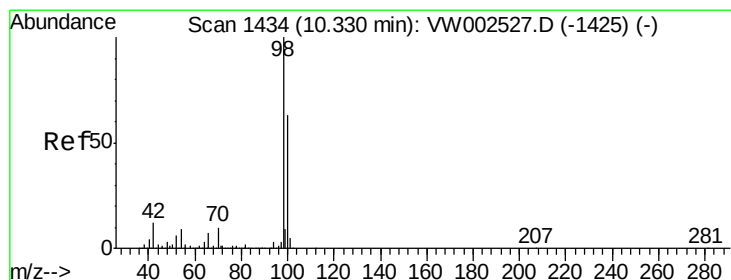
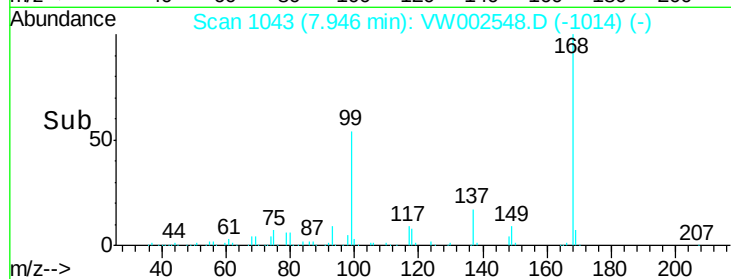
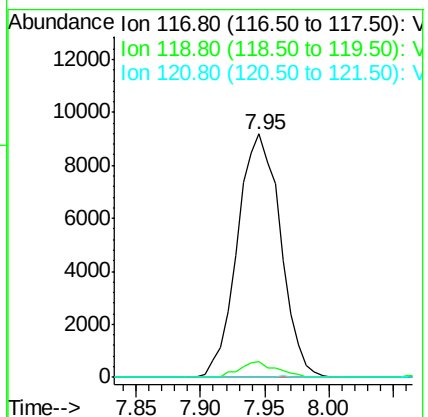
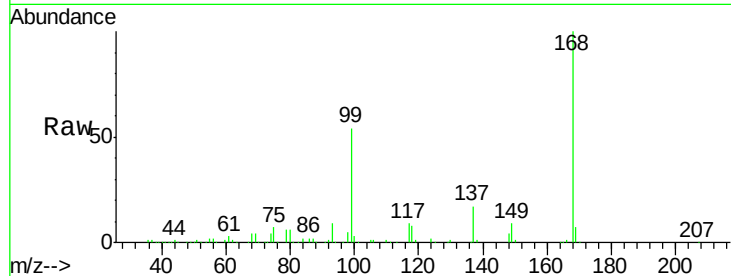




#38
 Carbon Tetrachloride
 Concen: 7.09 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW002548.D
 Acq: 15 May 2018 12:52

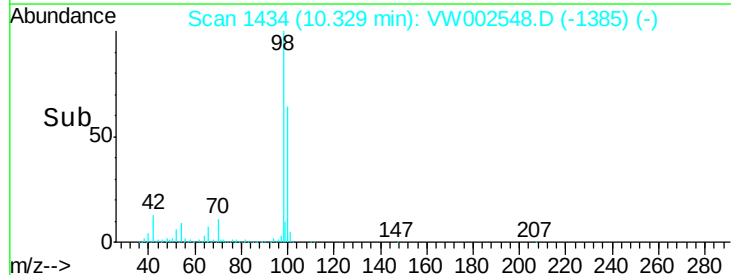
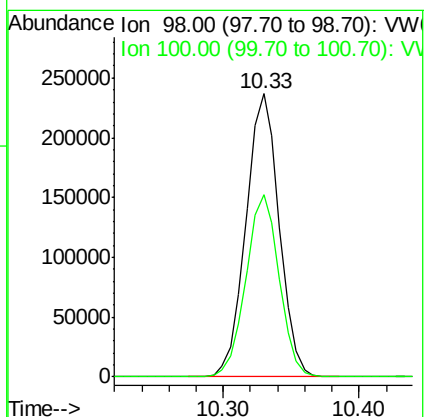
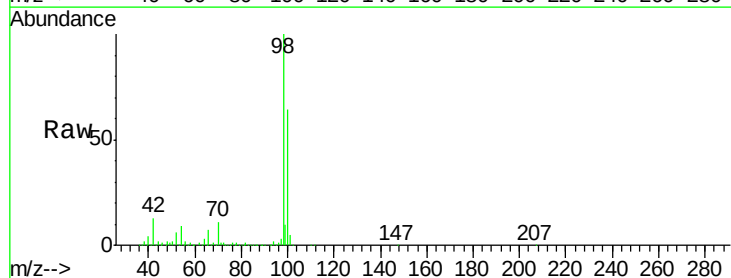
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBL02

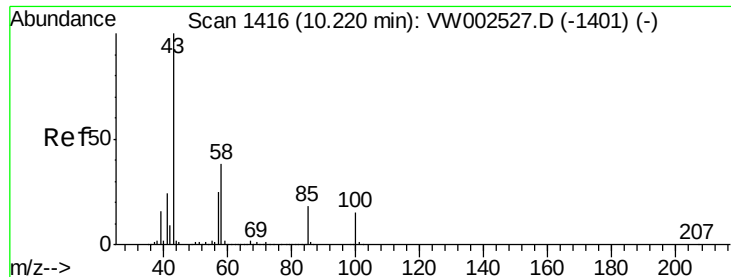
Tgt Ion:117 Resp: 21262
 Ion Ratio Lower Upper
 117 100
 119 6.7 73.1 109.7#
 121 0.0 24.4 36.6#



#50
 Toluene-d8
 Concen: 48.32 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002548.D
 Acq: 15 May 2018 12:52

Tgt Ion: 98 Resp: 404680
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 1.14 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

Instrument :

MSVOA_W

ClientSampleId :

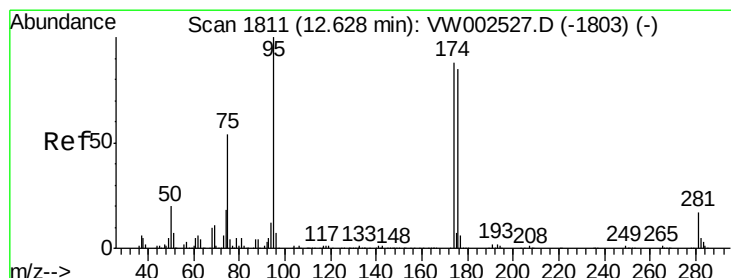
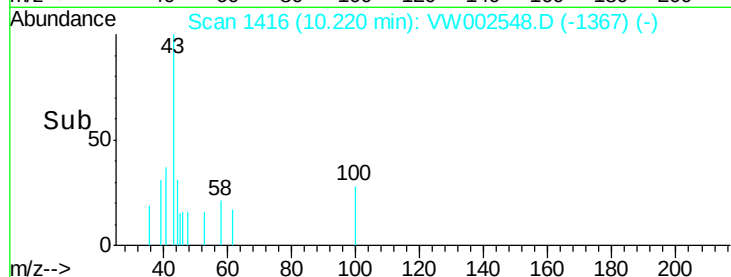
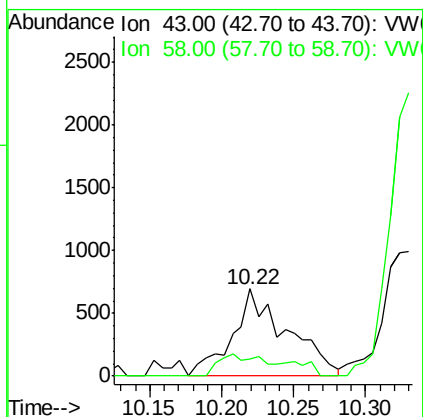
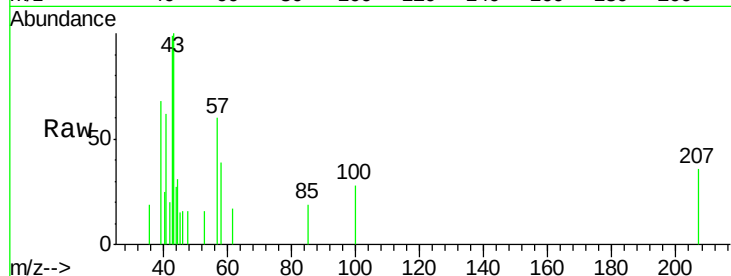
VW0515SBL02

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

58 20.9 30.1 45.1#



#62

4-Bromofluorobenzene

Concen: 44.84 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

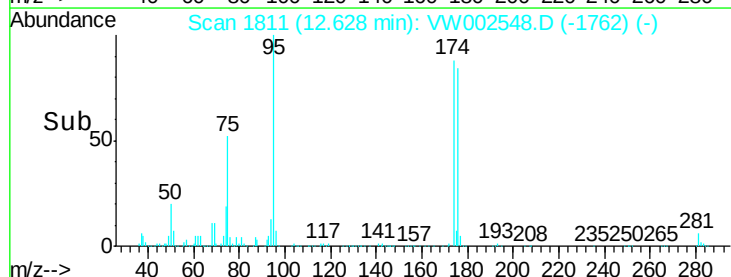
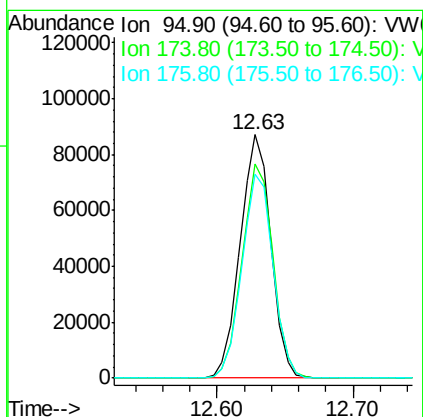
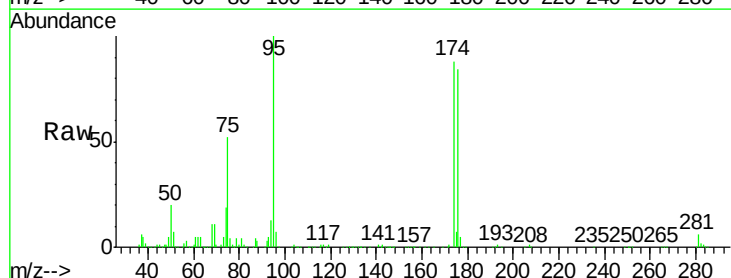
Tgt Ion: 95 Resp: 137322

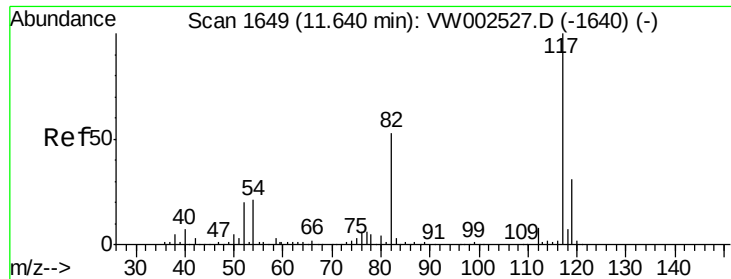
Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.6

176 84.9 0.0 172.2

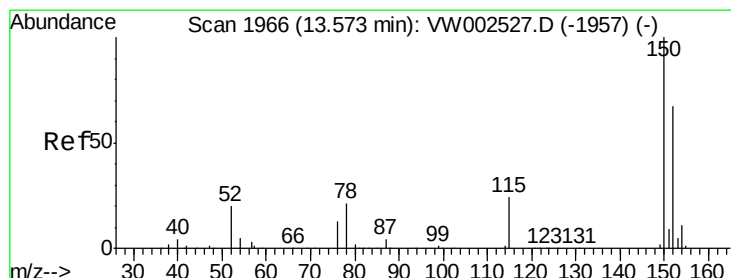
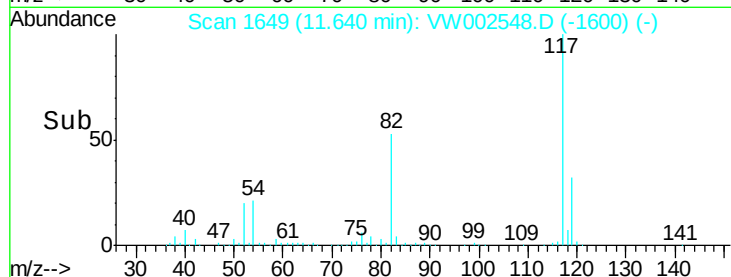
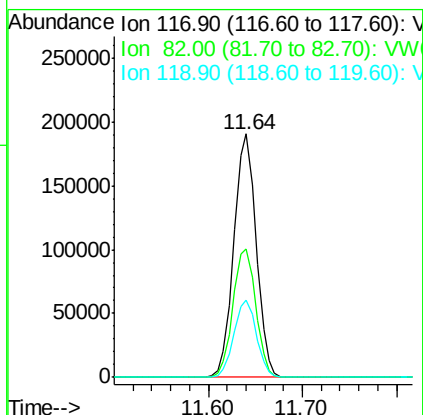
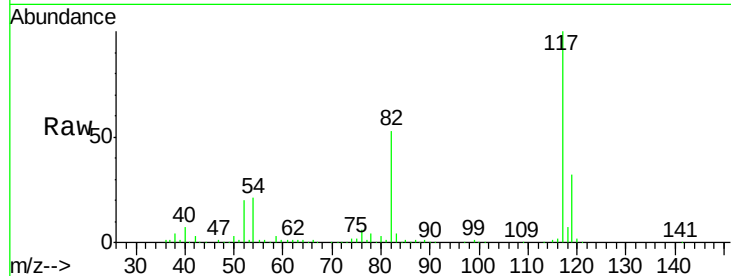




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002548.D
Acq: 15 May 2018 12:52

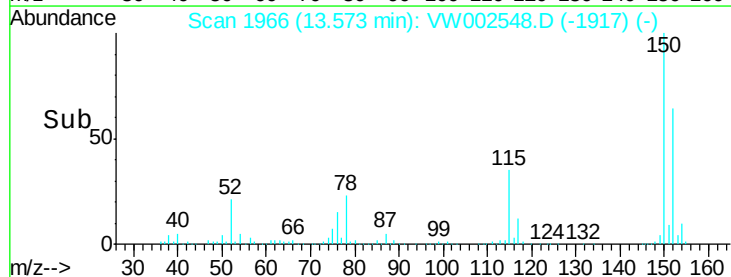
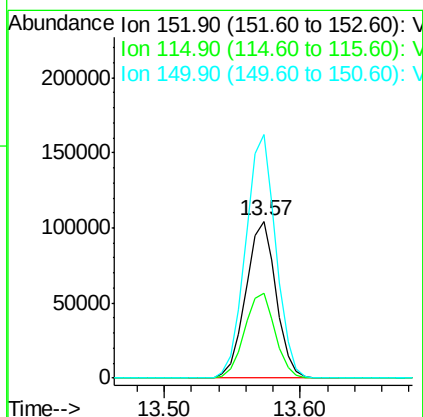
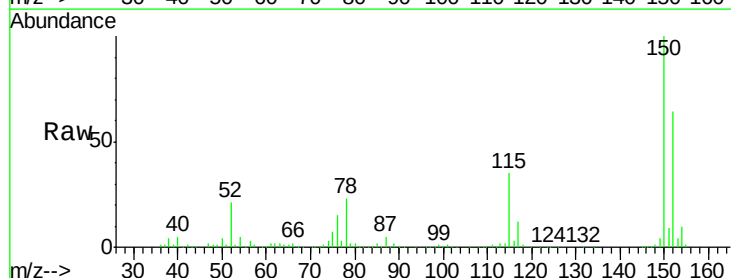
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBL02

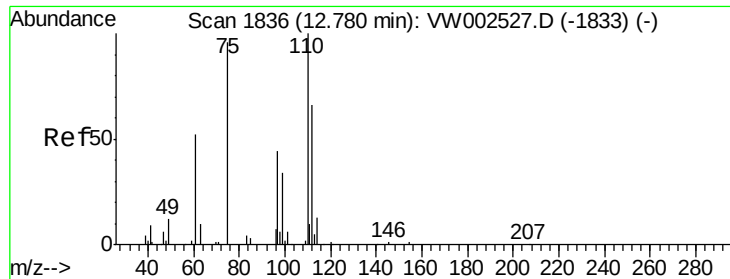
Tgt Ion:117 Resp: 313633
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002548.D
Acq: 15 May 2018 12:52

Tgt Ion:152 Resp: 162467
Ion Ratio Lower Upper
152 100
115 54.7 28.0 84.0
150 155.3 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 47.25 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

Instrument :

MSVOA_W

ClientSampled :

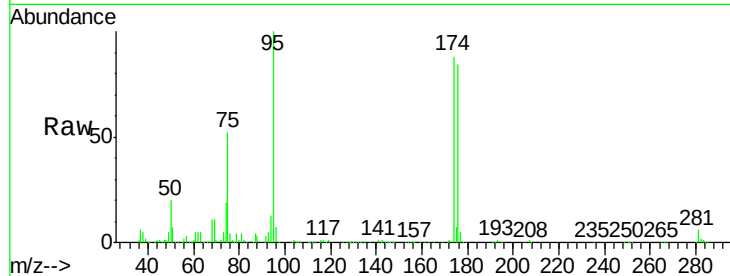
VW0515SBL02

Tgt Ion: 75 Resp: 72564

Ion Ratio Lower Upper

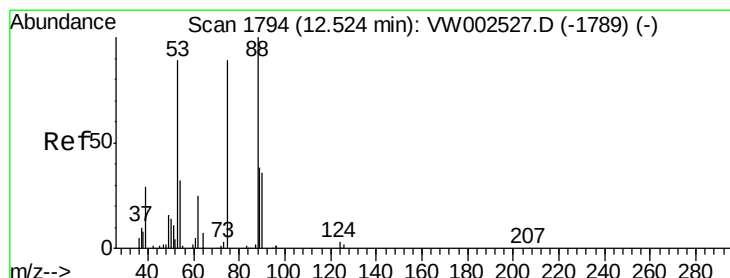
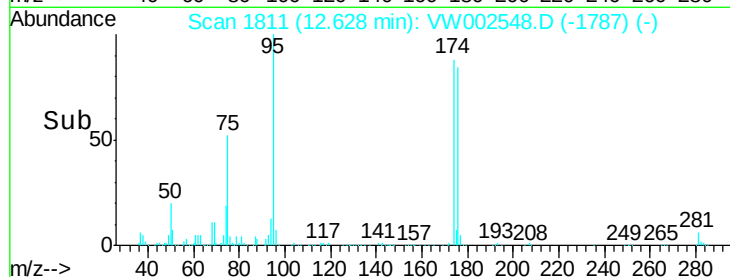
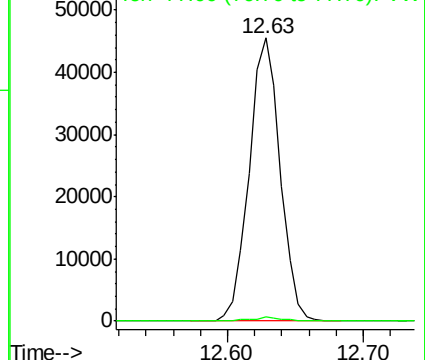
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 128.83 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002548.D

Acq: 15 May 2018 12:52

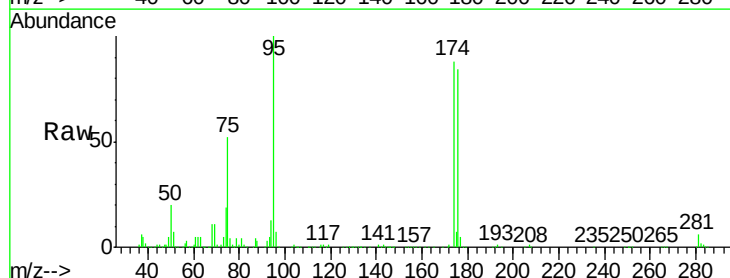
Tgt Ion: 75 Resp: 72564

Ion Ratio Lower Upper

75 100

53 0.2 82.6 124.0#

89 0.0 39.2 58.8#



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

