

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002567.D
 Acq On : 16 May 2018 00:07
 Operator : JC/SY
 Sample : VW0515SBL03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBL03

Quant Time: May 16 05:50:11 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	182022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	274341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	146494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112914	60.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.06%	
35) Dibromofluoromethane	7.88	113	99275	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
50) Toluene-d8	10.33	98	360919	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.63	95	128744	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

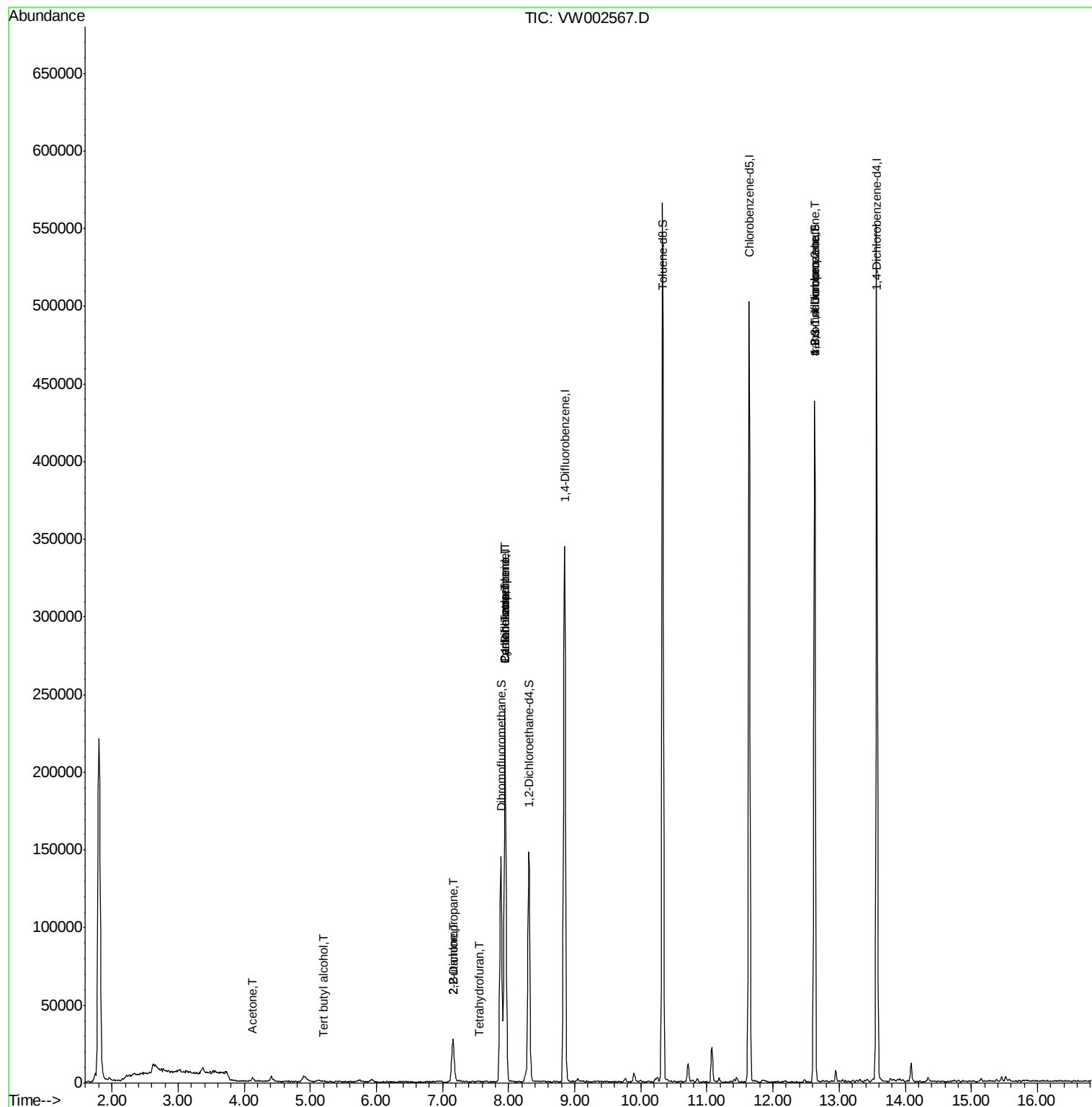
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	741	5.12	ug/l	# 72
16) Acetone	4.13	43	4787	12.05	ug/l	90
20) Methylene Chloride	4.91	84	3040	Below Cal	#	80
25) 2-Butanone	7.15	43	1995	3.55	ug/l	94
26) 2,2-Dichloropropane	7.16	77	1898	1.12	ug/l	# 51
29) Tetrahydrofuran	7.55	42	653	1.86	ug/l	# 41
31) Cyclohexane	7.94	56	4135	1.55	ug/l	# 18
36) 1,1-Dichloropropene	7.95	75	13595	5.28	ug/l	# 50
38) Carbon Tetrachloride	7.95	117	17174	6.81	ug/l	# 16
76) 1,2,3-Trichloropropane	12.63	75	66541	48.05	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	66541	131.01	ug/l	# 8

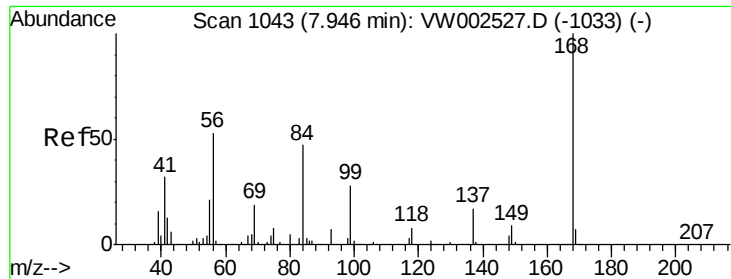
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002567.D

Acq: 16 May 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

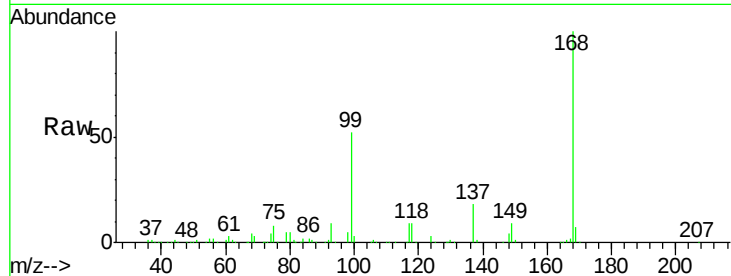
VW0515SBL03

Tgt Ion:168 Resp: 182022

Ion Ratio Lower Upper

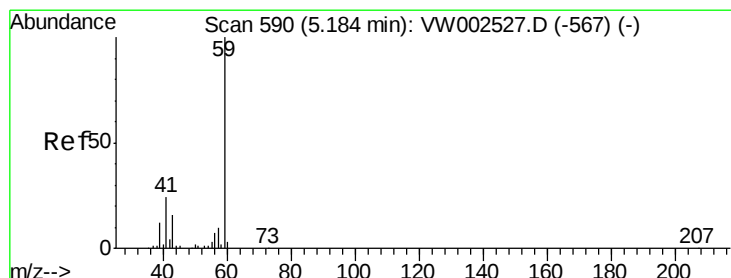
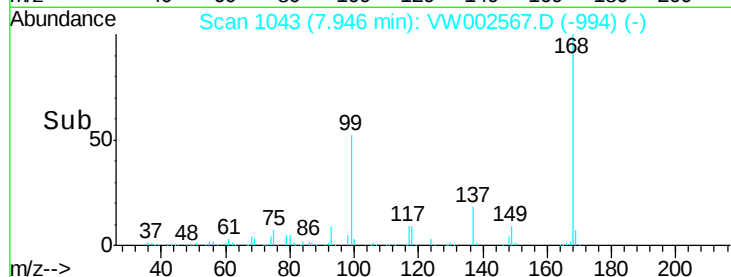
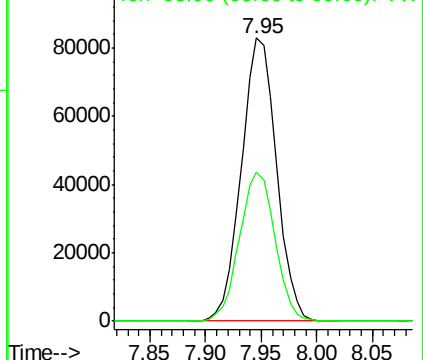
168 100

99 52.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.12 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002567.D

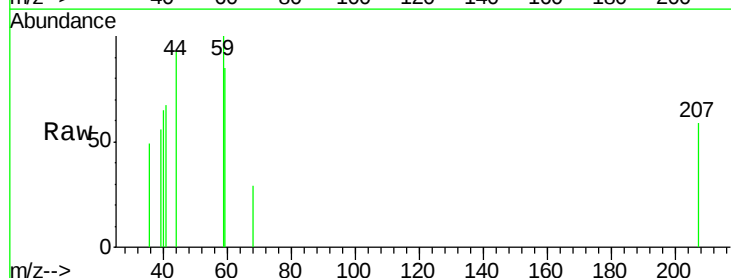
Acq: 16 May 2018 00:07

Tgt Ion: 59 Resp: 741

Ion Ratio Lower Upper

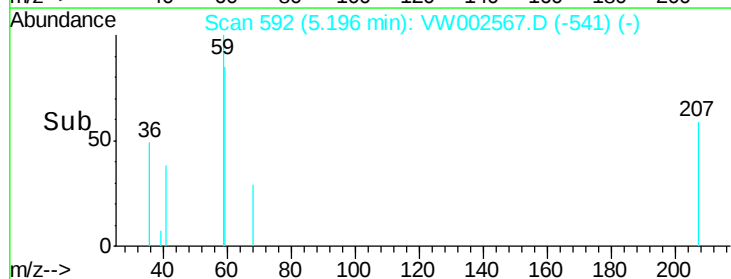
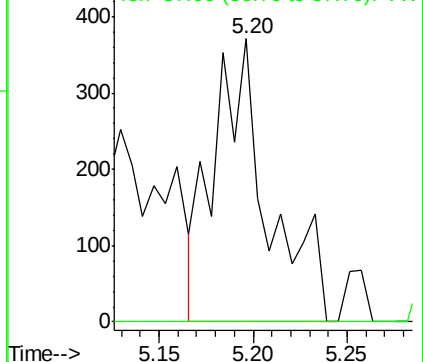
59 100

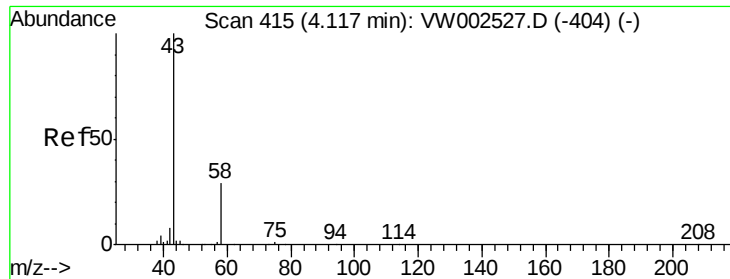
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 12.05 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

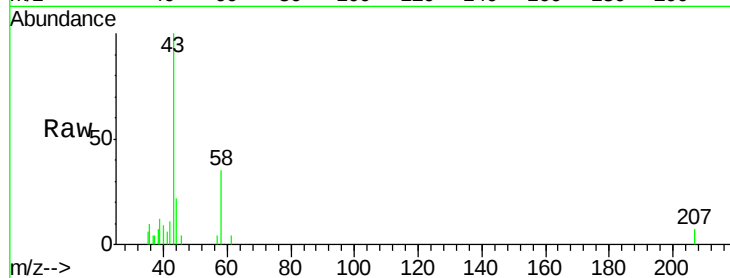
VW0515SBL03

Tgt Ion: 43 Resp: 4787

Ion Ratio Lower Upper

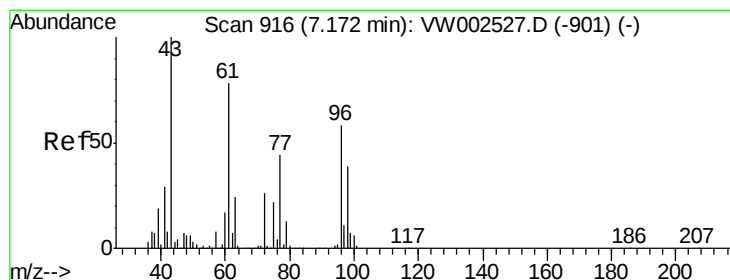
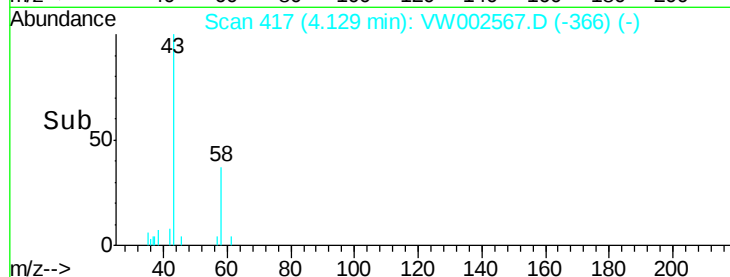
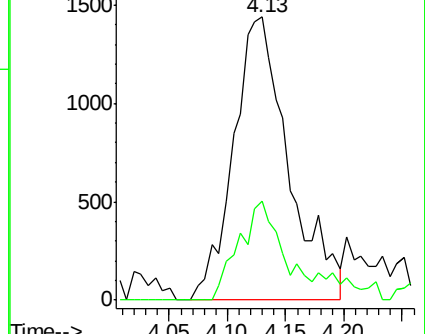
43 100

58 34.8 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 3.55 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW002567.D

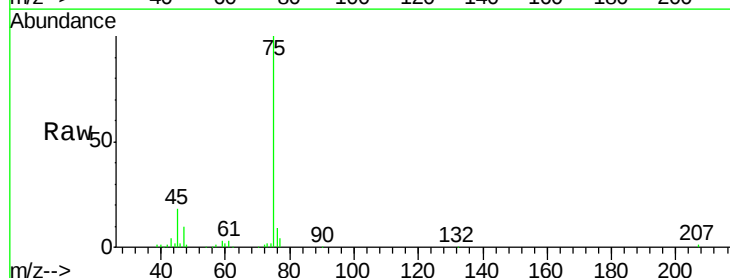
Acq: 16 May 2018 00:07

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

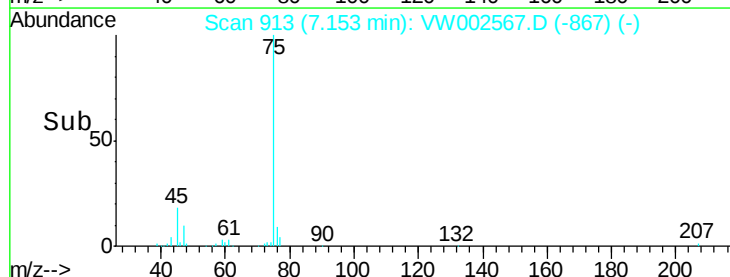
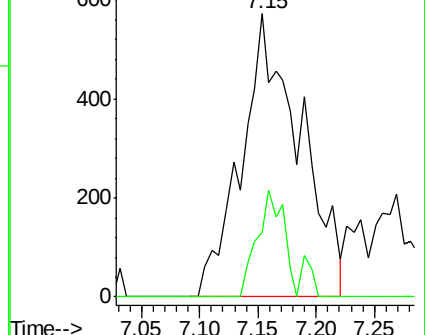
43 100

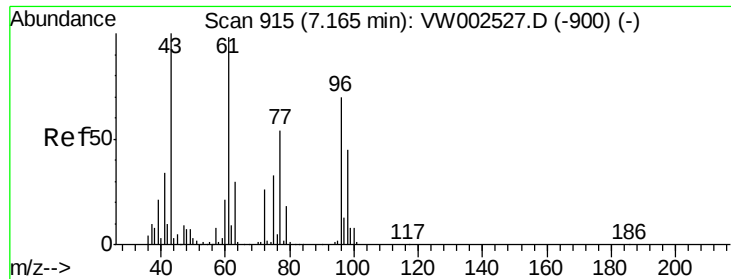
72 22.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

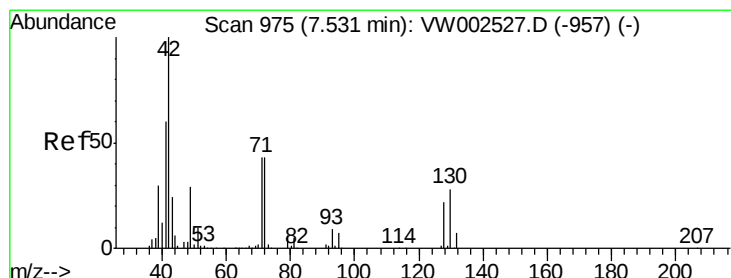
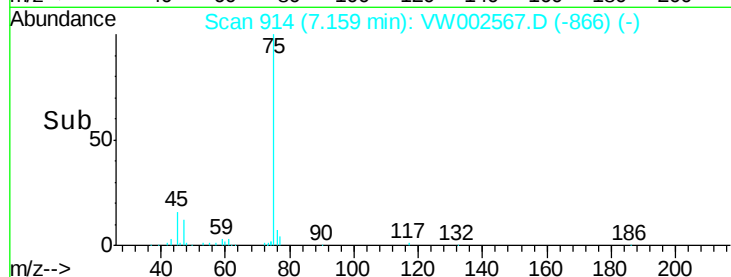
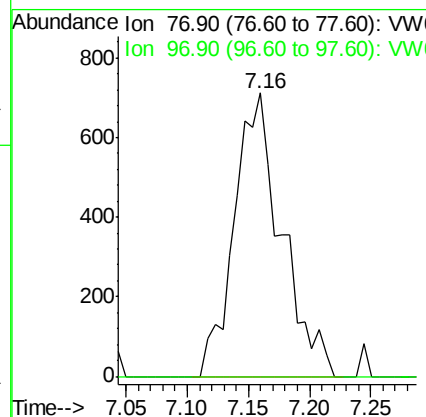
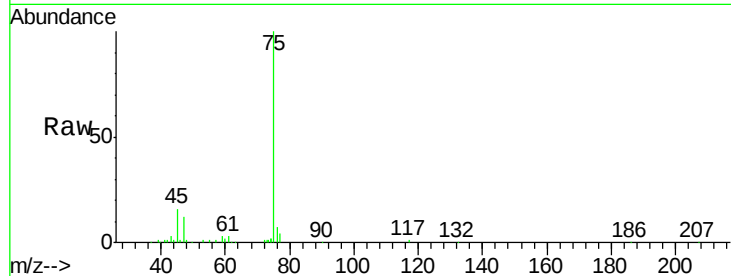




#26
 2,2-Dichloropropane
 Concen: 1.12 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW002567.D
 Acq: 16 May 2018 00:07

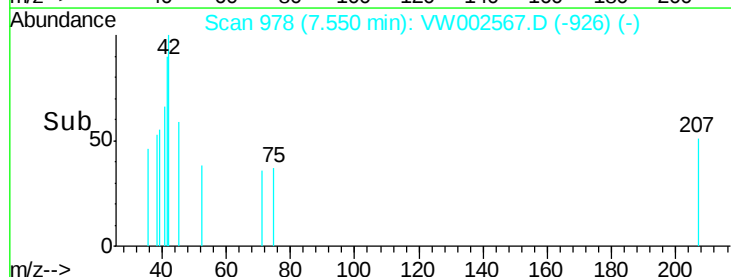
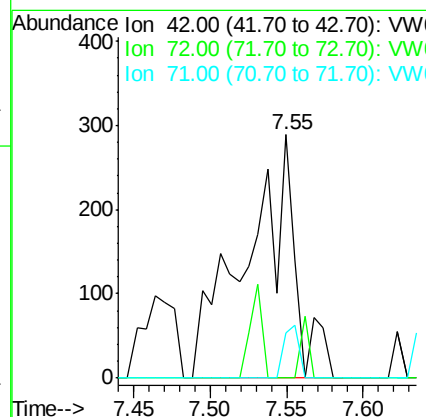
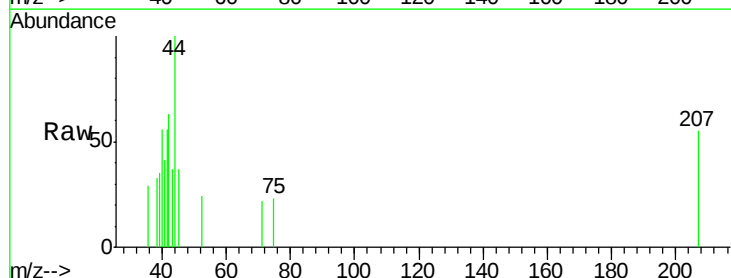
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBL03

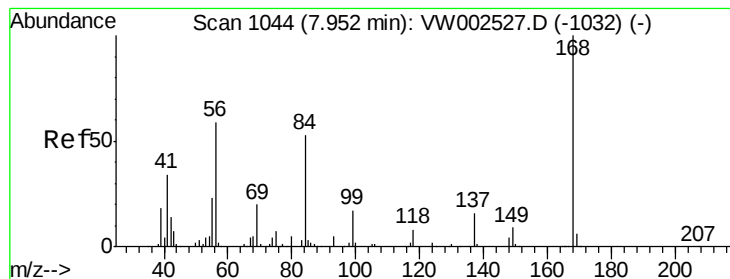
Tgt Ion: 77 Resp: 1898
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.1 36.3#



#29
 Tetrahydrofuran
 Concen: 1.86 ug/l
 RT: 7.55 min Scan# 978
 Delta R.T. 0.02 min
 Lab File: VW002567.D
 Acq: 16 May 2018 00:07

Tgt Ion: 42 Resp: 653
 Ion Ratio Lower Upper
 42 100
 72 4.1 35.0 52.4#
 71 6.4 33.0 49.6#





#31

Cyclohexane

Concen: 1.55 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBL03

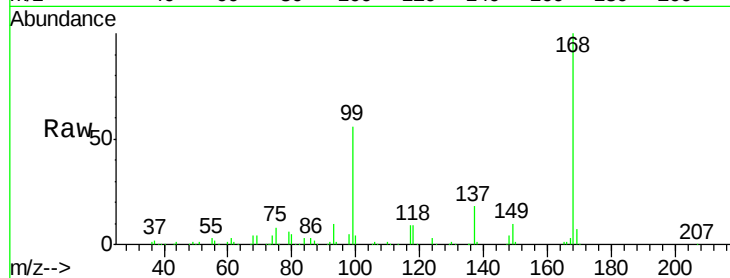
Tgt Ion: 56 Resp: 4135

Ion Ratio Lower Upper

56 100

69 161.0 27.0 40.4#

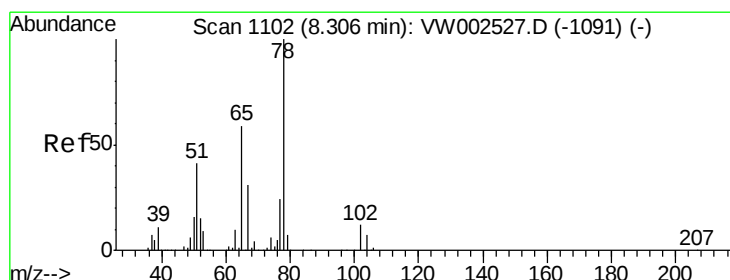
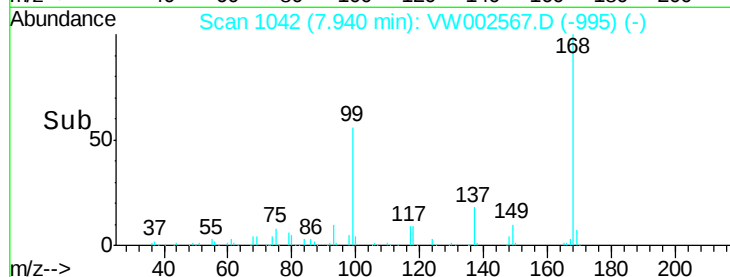
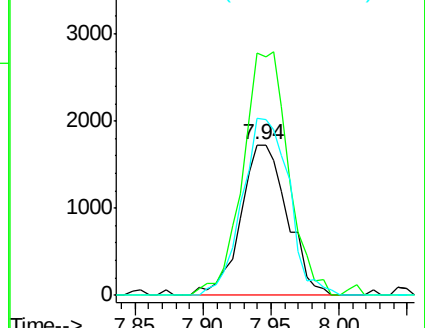
84 117.5 72.2 108.2#



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: 60.03 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002567.D

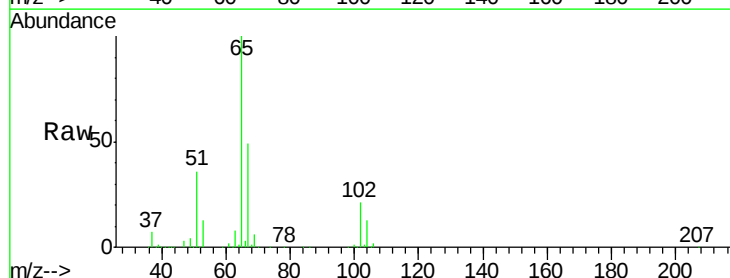
Acq: 16 May 2018 00:07

Tgt Ion: 65 Resp: 112914

Ion Ratio Lower Upper

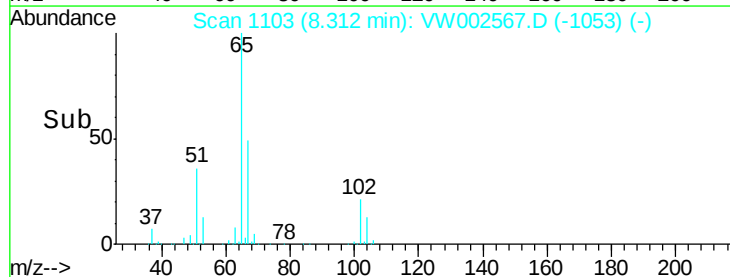
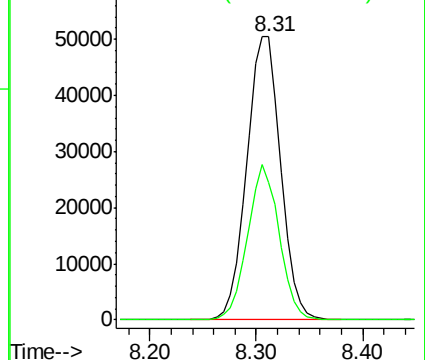
65 100

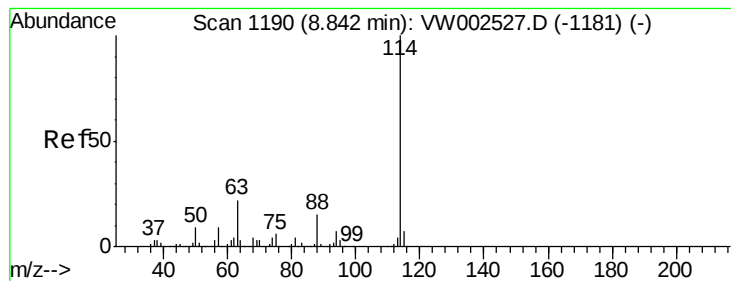
67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBL03

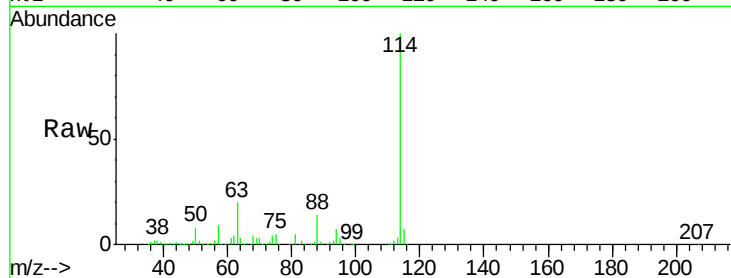
Tgt Ion:114 Resp: 291730

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

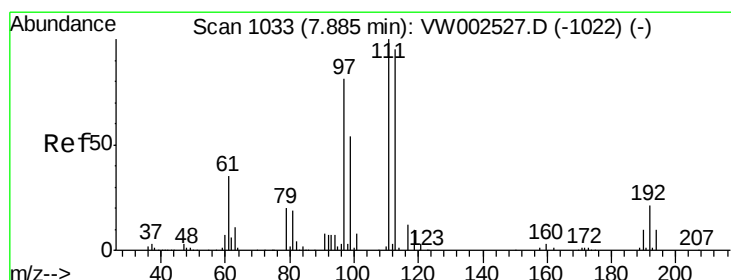
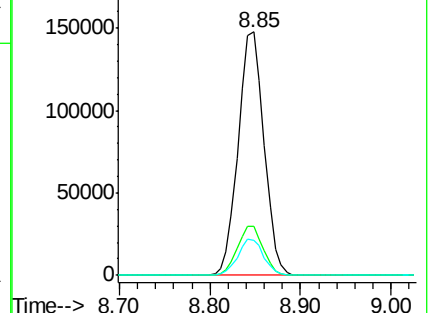
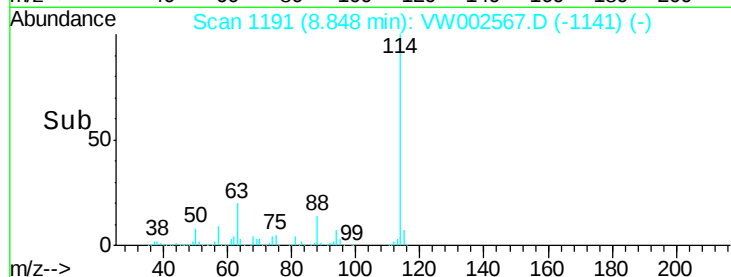
88 14.4 0.0 29.2



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: 53.64 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

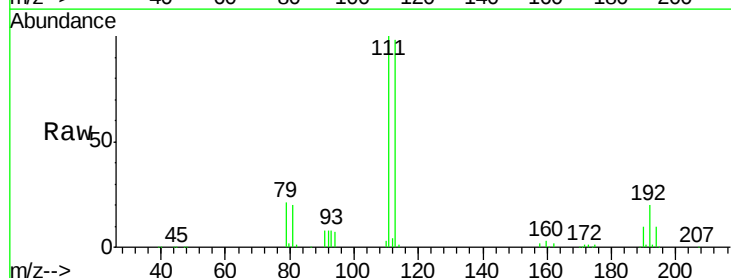
Tgt Ion:113 Resp: 99275

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

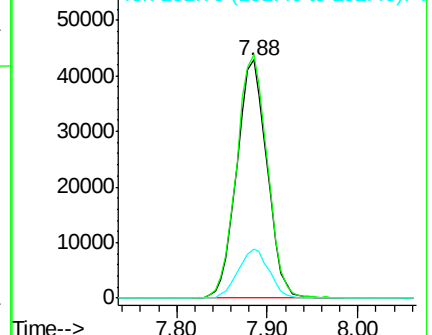
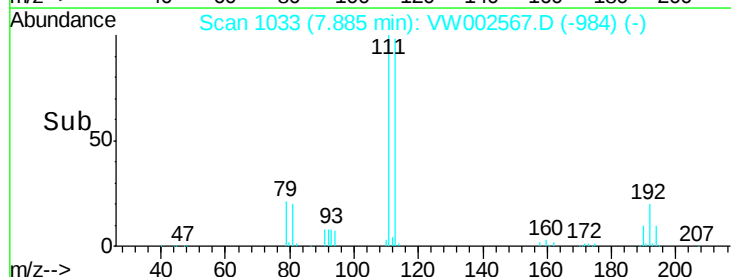
192 20.9 17.5 26.3

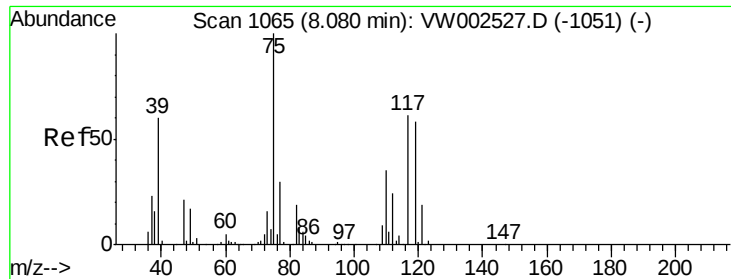


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

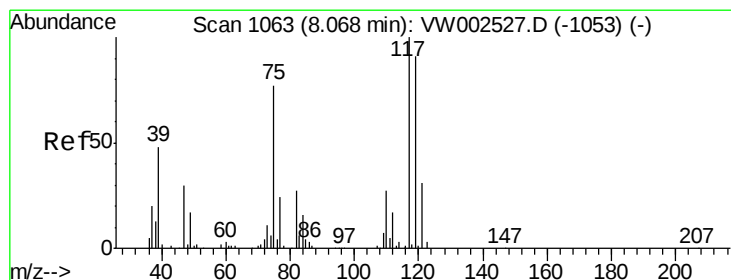
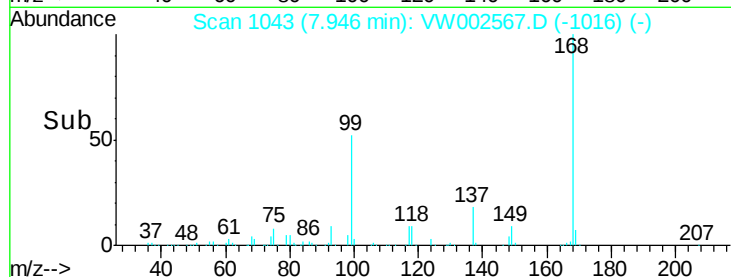
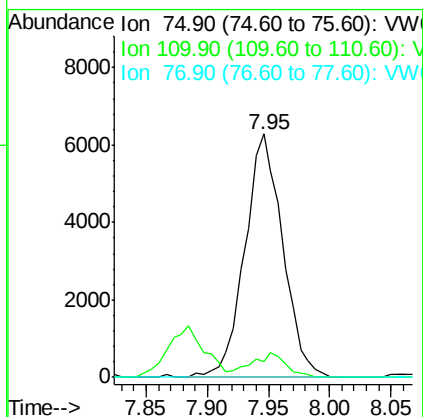
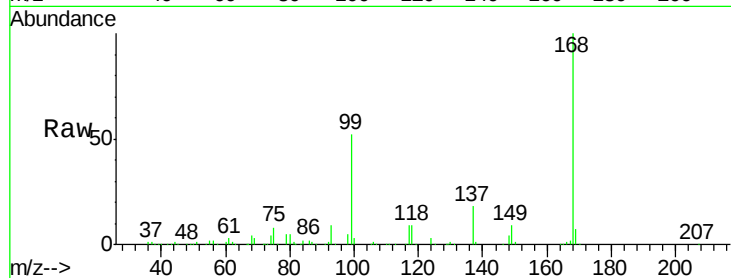




#36
 1,1-Dichloropropene
 Concen: 5.28 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002567.D
 Acq: 16 May 2018 00:07

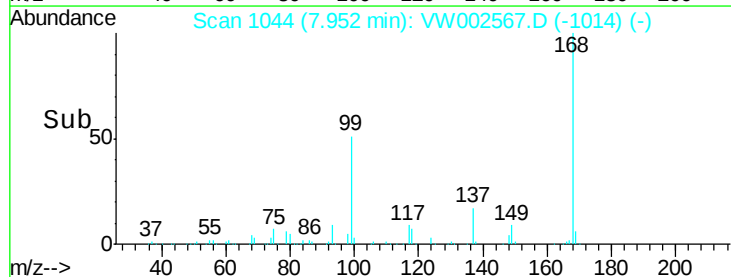
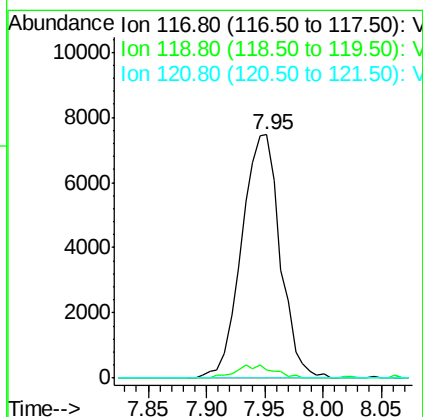
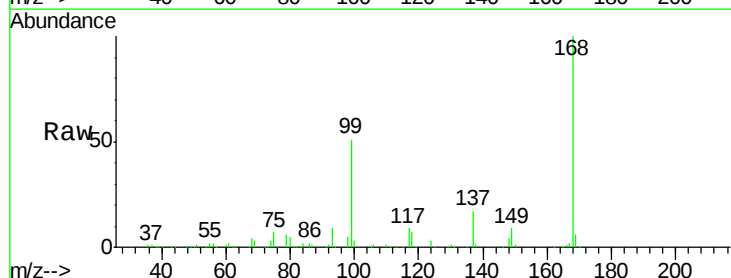
Instrument :
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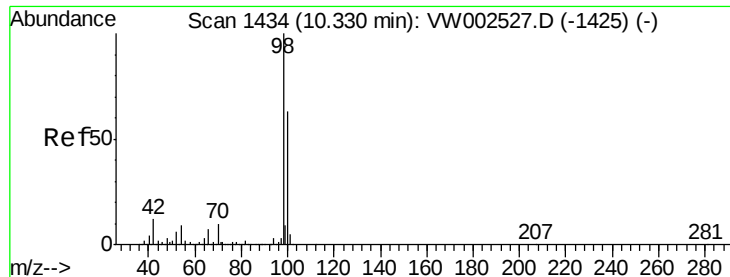
Tgt Ion: 75 Resp: 13595
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.5#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.81 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW002567.D
 Acq: 16 May 2018 00:07

Tgt Ion: 117 Resp: 17174
 Ion Ratio Lower Upper
 117 100
 119 3.3 73.1 109.7#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 51.26 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

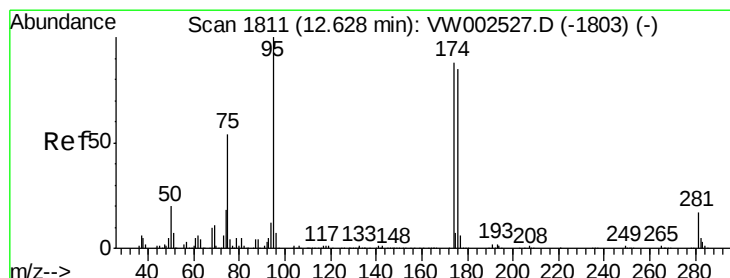
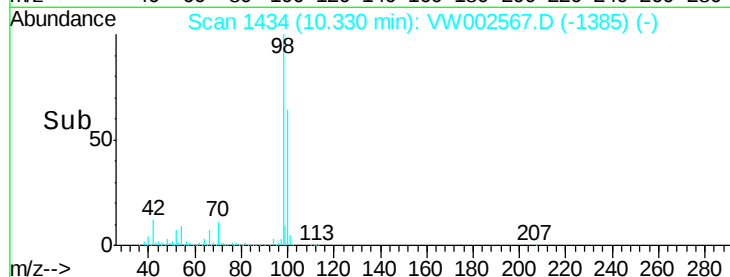
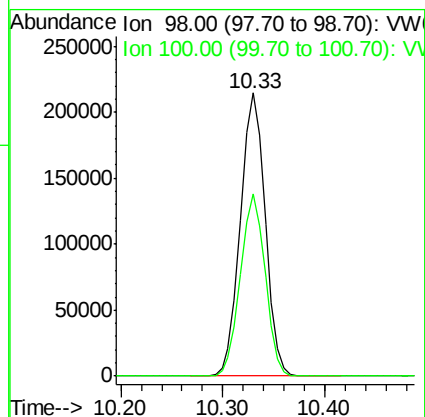
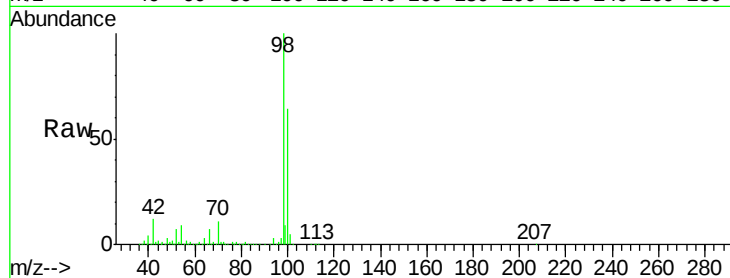
VW0515SBL03

Tgt Ion: 98 Resp: 360919

Ion Ratio Lower Upper

98 100

100 64.3 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

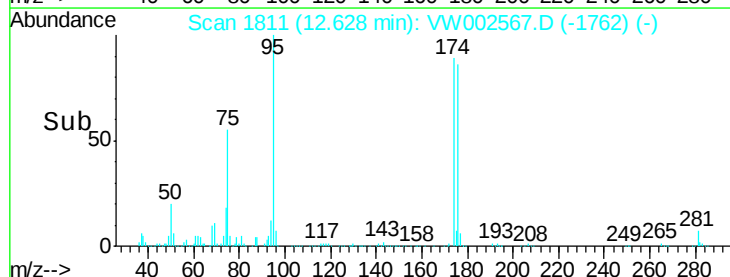
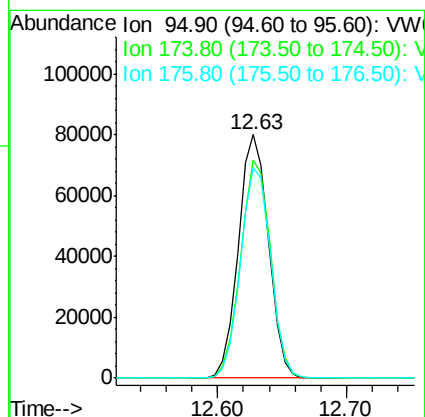
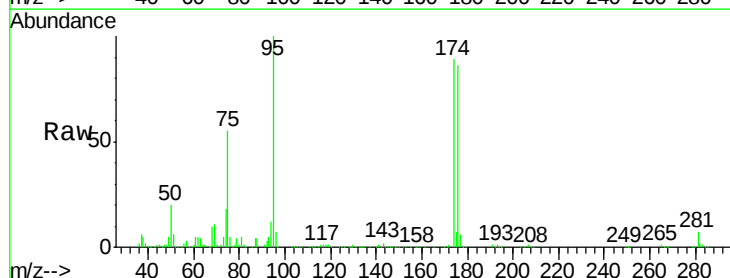
Tgt Ion: 95 Resp: 128744

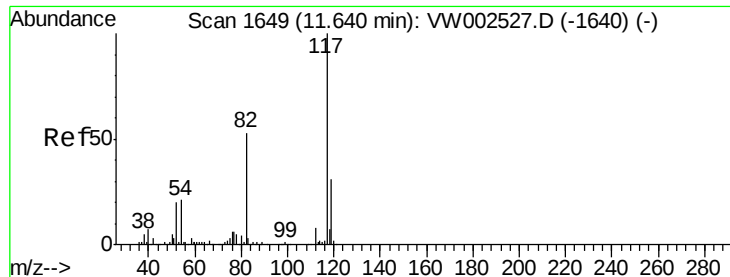
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.6

176 86.5 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: VW002567.D

Acq: 16 May 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBL03

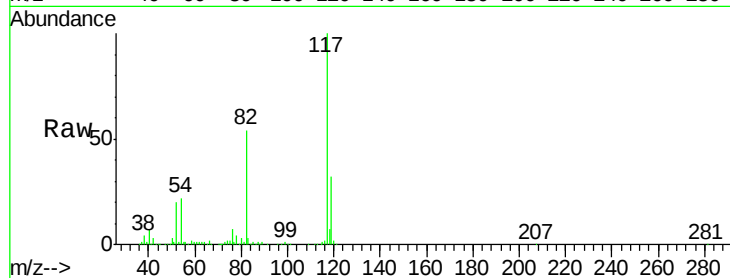
Tgt Ion:117 Resp: 274341

Ion Ratio Lower Upper

117 100

82 54.0 42.6 64.0

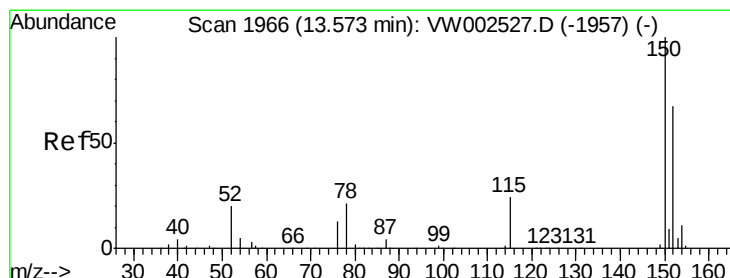
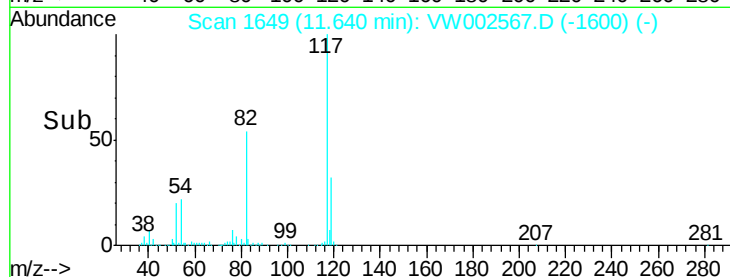
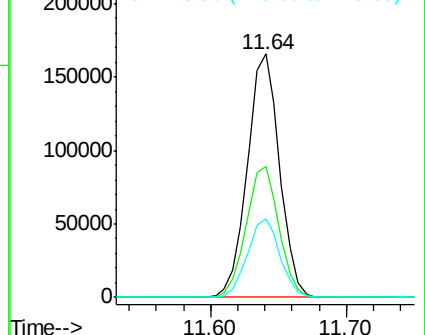
119 32.0 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

Lab File: VW002567.D

Acq: 16 May 2018 00:07

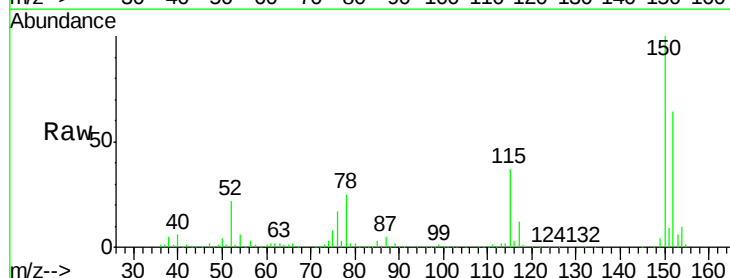
Tgt Ion:152 Resp: 146494

Ion Ratio Lower Upper

152 100

115 55.7 28.0 84.0

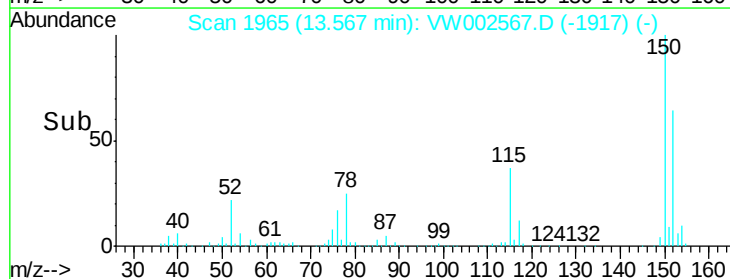
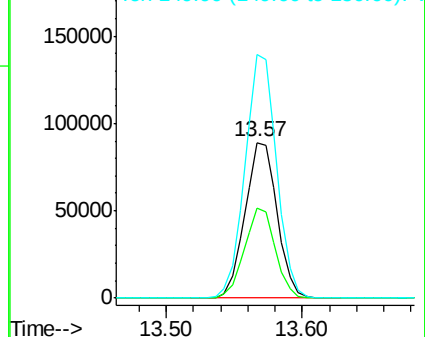
150 154.3 0.0 345.4

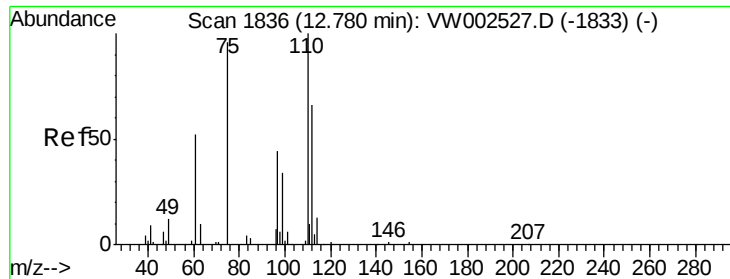


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

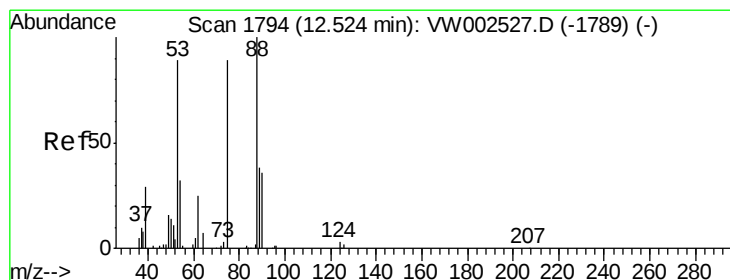
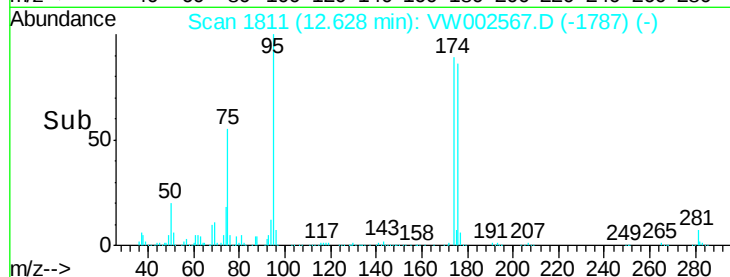
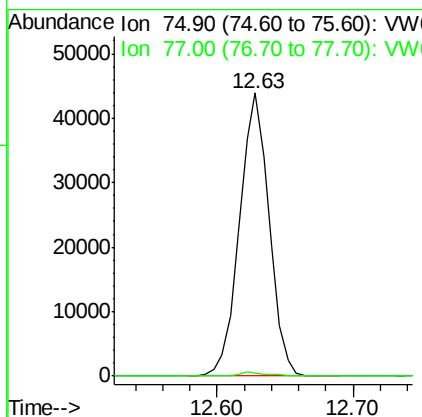
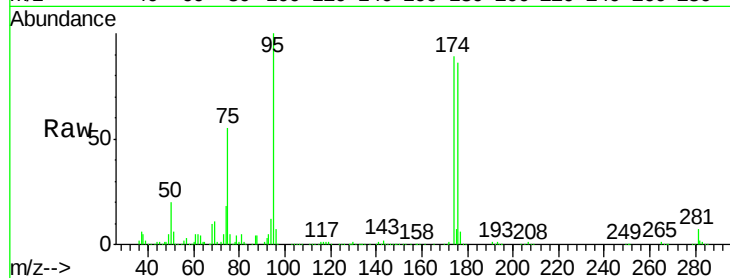




#76
 1,2,3-Trichloropropane
 Concen: 48.05 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002567.D
 Acq: 16 May 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBL03

Tgt Ion: 75 Resp: 66541
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.01 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002567.D
 Acq: 16 May 2018 00:07

Tgt Ion: 75 Resp: 66541
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.6 124.0#
 89 0.0 39.2 58.8#

