

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002580.D
 Acq On : 16 May 2018 05:33
 Operator : JC/SY
 Sample : J2785-08
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-3B

Quant Time: May 16 08:07:39 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	125164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	171226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72380	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63053	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.88	113	59724	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.33	98	179806	37.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.98%	
62) 4-Bromofluorobenzene	12.63	95	62324	36.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.02%	

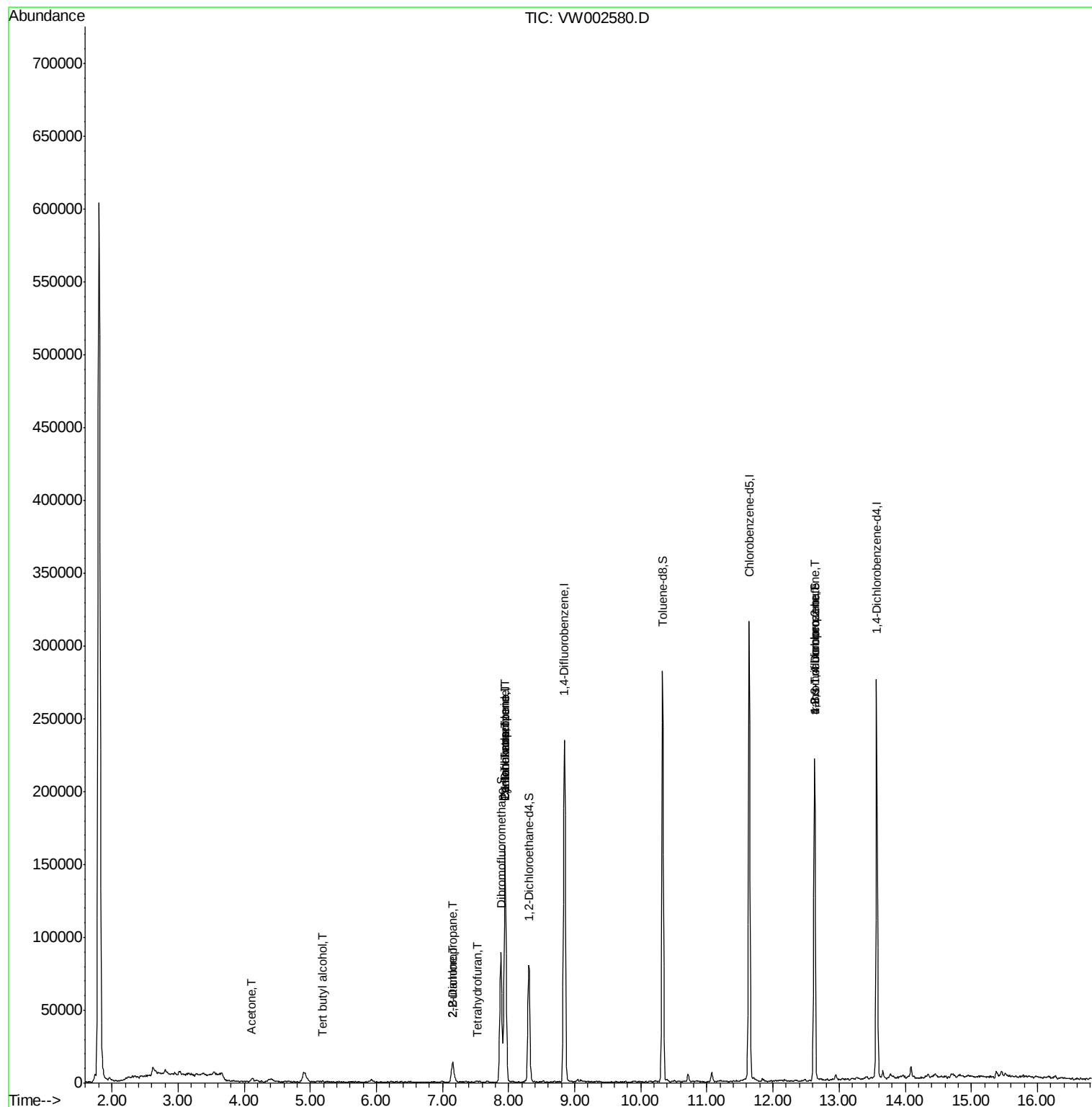
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	163	1.64	ug/l #	72
16) Acetone	4.12	43	4128	15.12	ug/l #	80
25) 2-Butanone	7.15	43	716	1.85	ug/l #	88
26) 2,2-Dichloropropane	7.15	77	1218	1.05	ug/l #	51
29) Tetrahydrofuran	7.53	42	285	1.18	ug/l #	62
31) Cyclohexane	7.95	56	2827	1.54	ug/l #	48
36) 1,1-Dichloropropene	7.95	75	8882	5.13	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11579	6.83	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	32489	47.49	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	32489	129.47	ug/l #	8

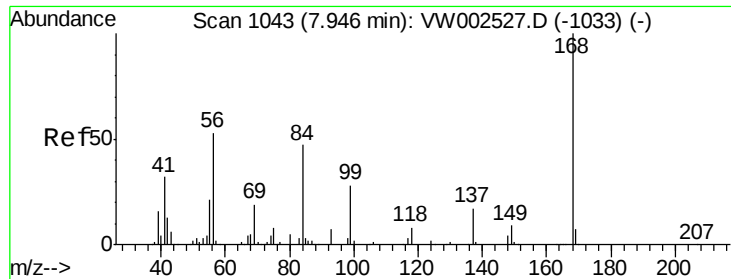
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1044

Delta R.T. 0.01 min

Lab File: VW002580.D

Acq: 16 May 2018 05:33

Instrument :

MSVOA_W

ClientSampled :

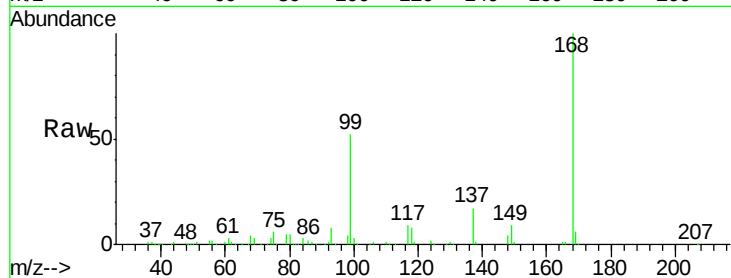
BP-3B

Tgt Ion: 168 Resp: 125164

Ion Ratio Lower Upper

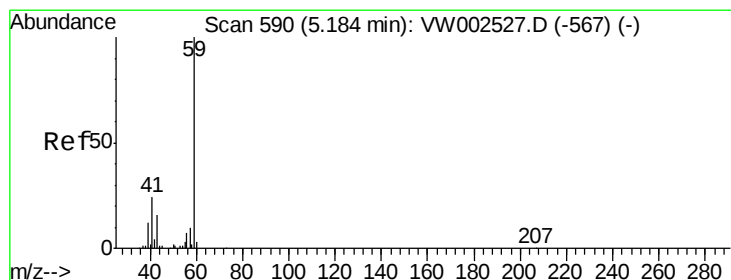
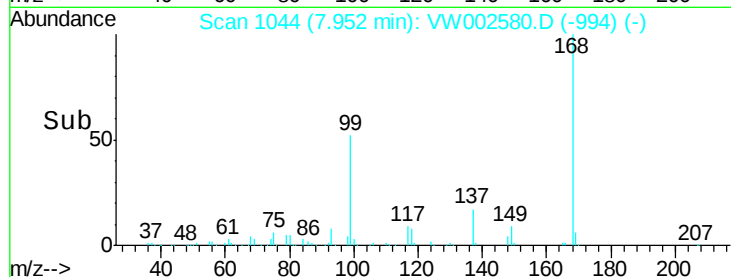
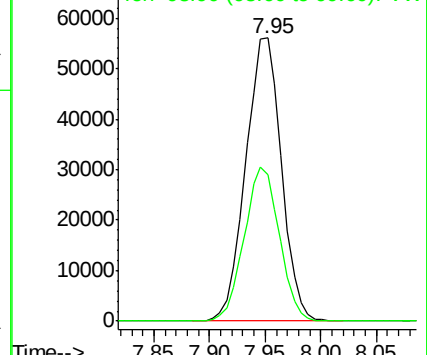
168 100

99 51.6 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: 1.64 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002580.D

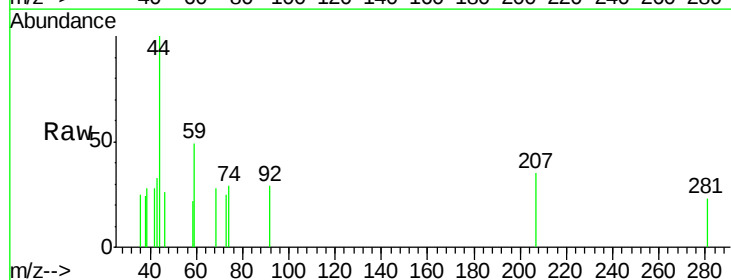
Acq: 16 May 2018 05:33

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

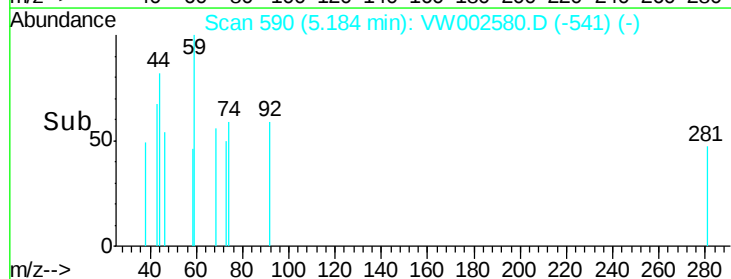
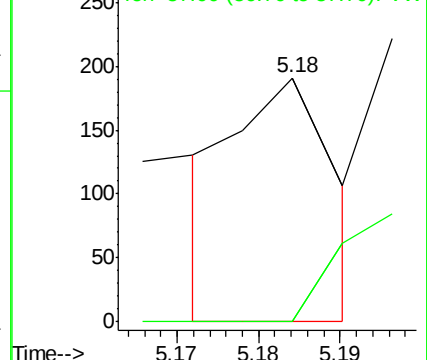
59 100

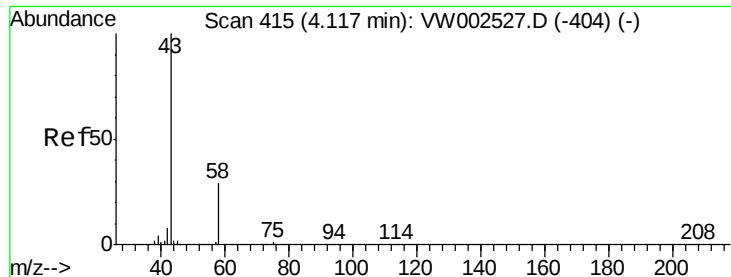
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 15.12 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002580.D

Acq: 16 May 2018 05:33

Instrument :

MSVOA_W

ClientSampleId :

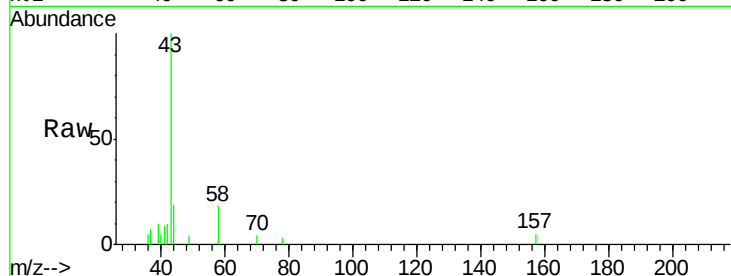
BP-3B

Tgt Ion: 43 Resp: 4128

Ion Ratio Lower Upper

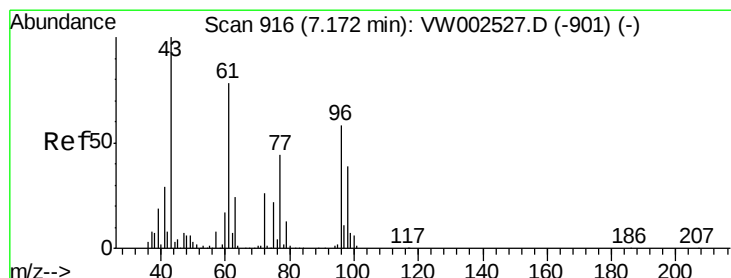
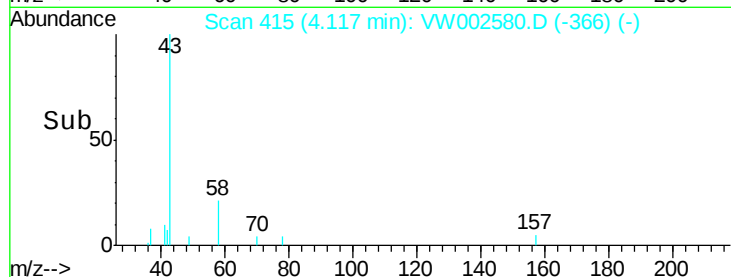
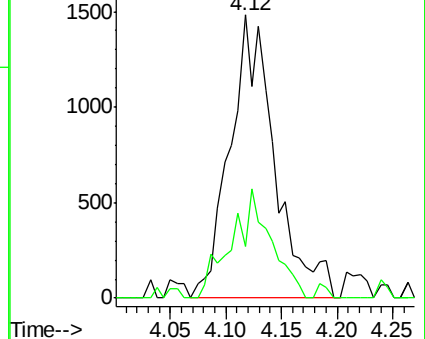
43 100

58 18.4 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: 1.85 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW002580.D

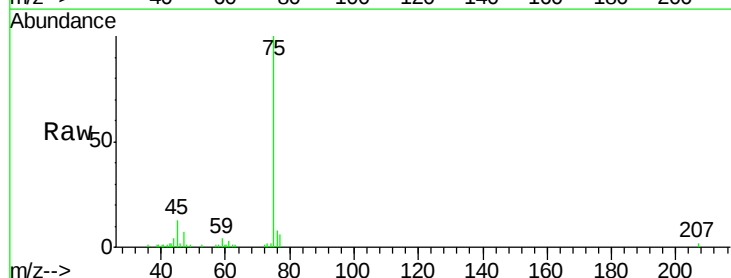
Acq: 16 May 2018 05:33

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

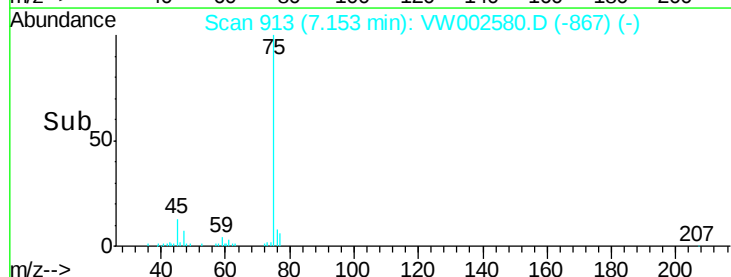
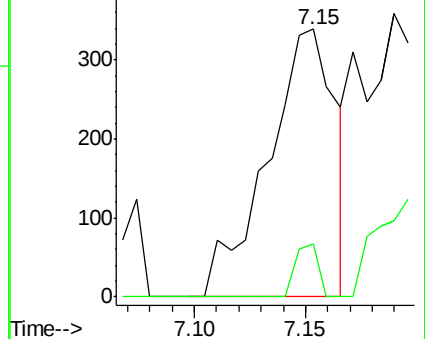
43 100

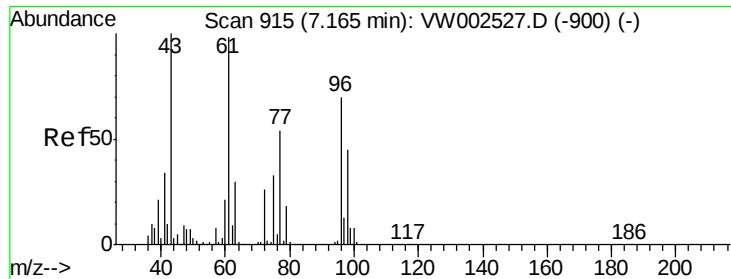
72 19.8 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

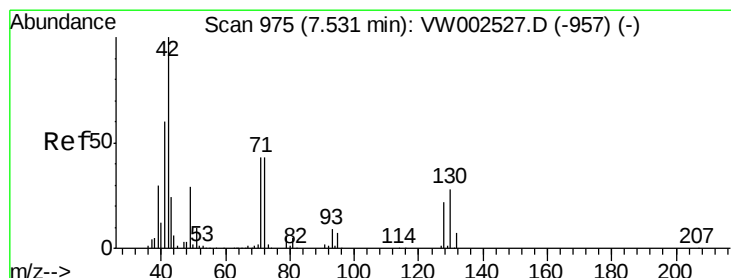
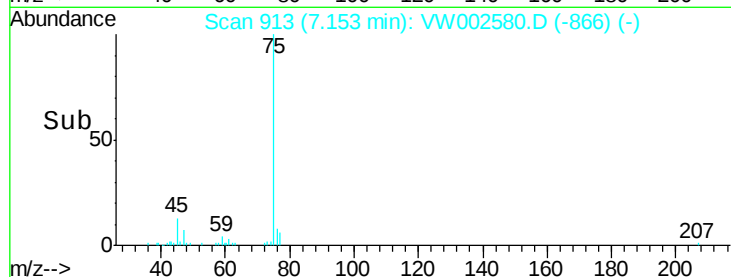
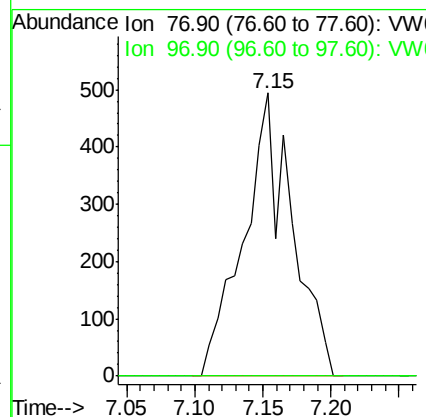
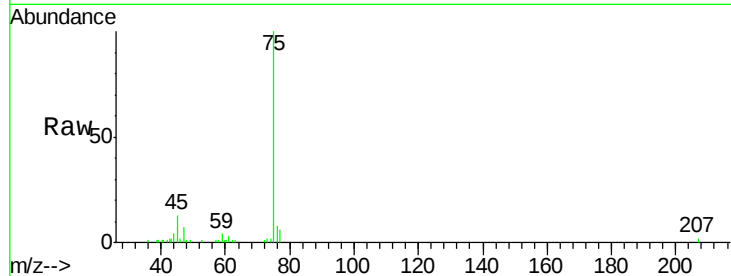




#26
 2,2-Dichloropropane
 Concen: 1.05 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

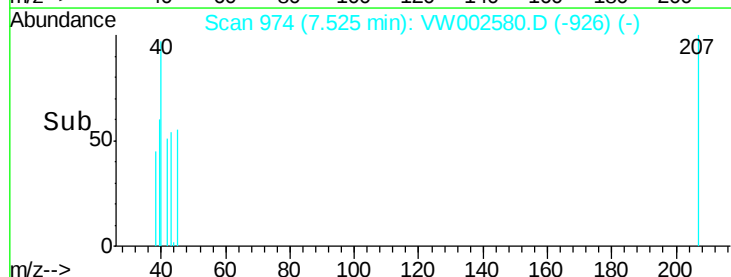
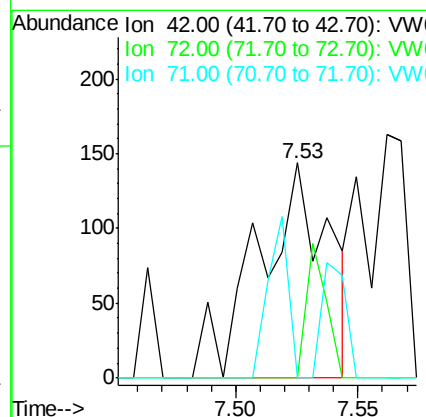
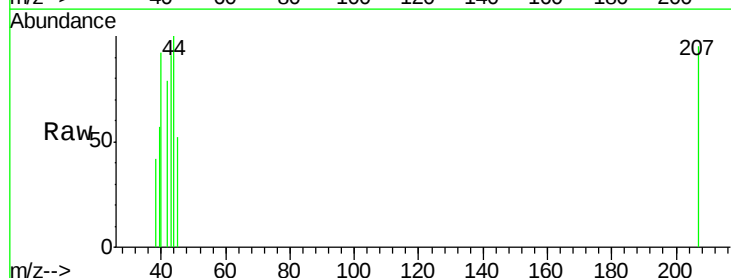
Instrument :
 MSVOA_W
 ClientSampled :
 BP-3B

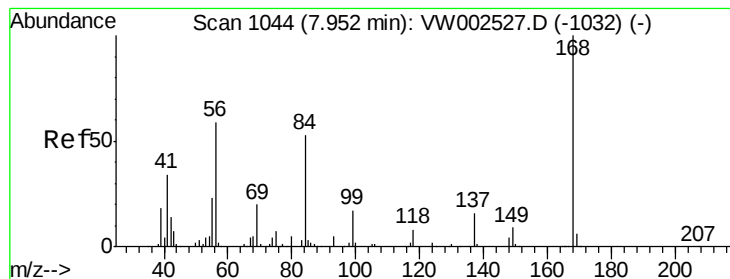
Tgt Ion: 77 Resp: 1218
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.1 36.3#



#29
 Tetrahydrofuran
 Concen: 1.18 ug/l
 RT: 7.53 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

Tgt Ion: 42 Resp: 285
 Ion Ratio Lower Upper
 42 100
 72 18.2 35.0 52.4#
 71 18.6 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: VW002580.D

Acq: 16 May 2018 05:33

Instrument :

MSVOA_W

ClientSampled :

BP-3B

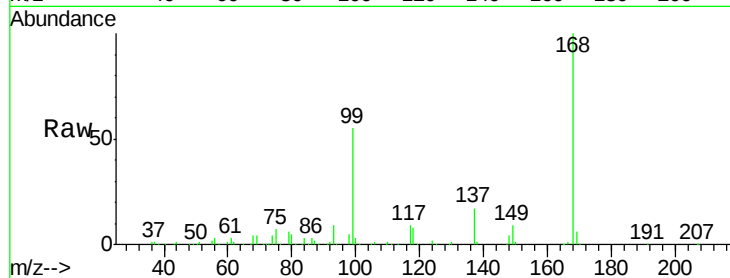
Tgt Ion: 56 Resp: 2827

Ion Ratio Lower Upper

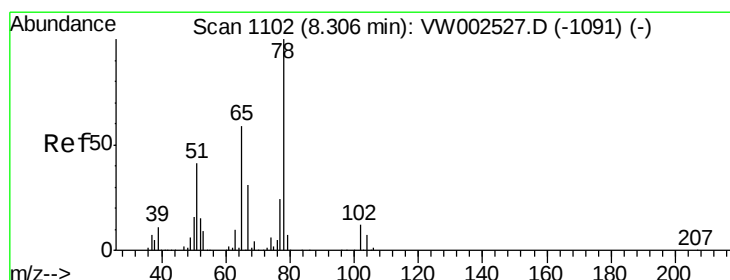
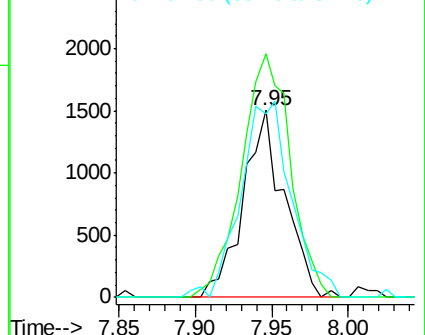
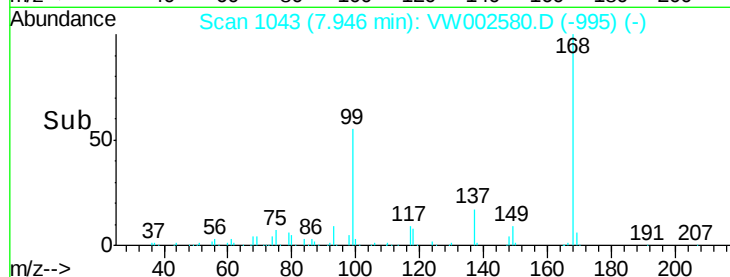
56 100

69 130.4 27.0 40.4#

84 97.9 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: 48.75 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002580.D

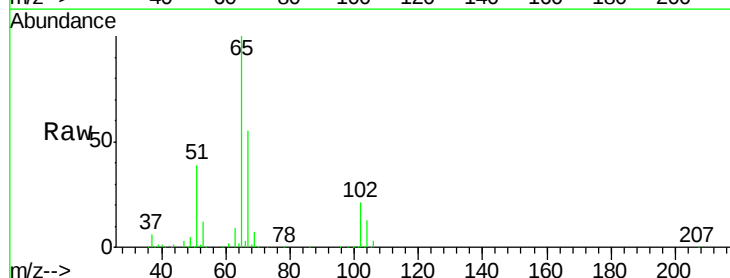
Acq: 16 May 2018 05:33

Tgt Ion: 65 Resp: 63053

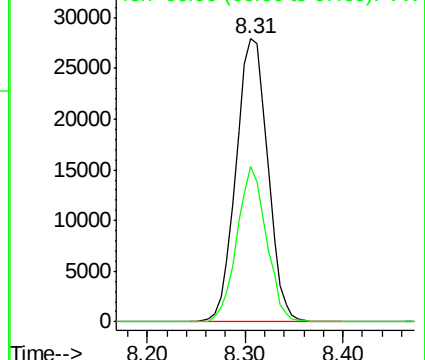
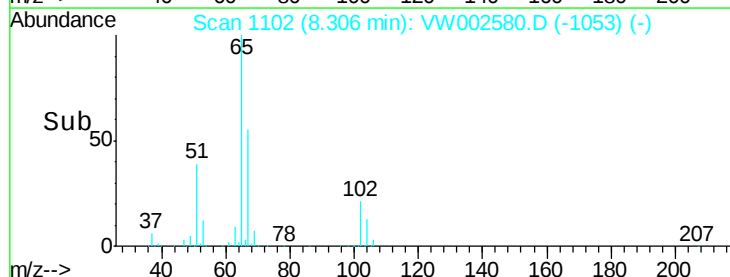
Ion Ratio Lower Upper

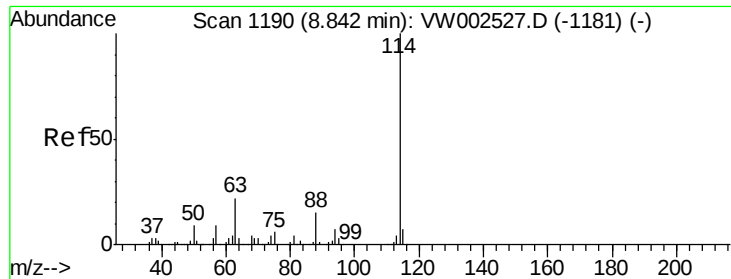
65 100

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

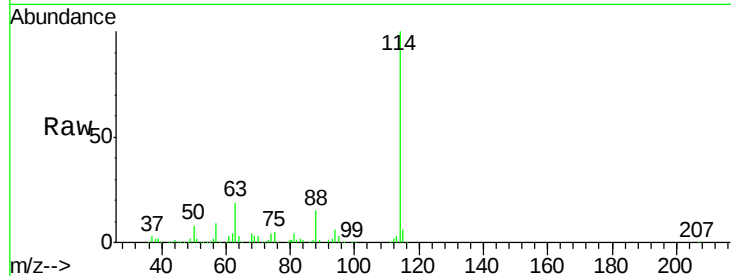




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-3B

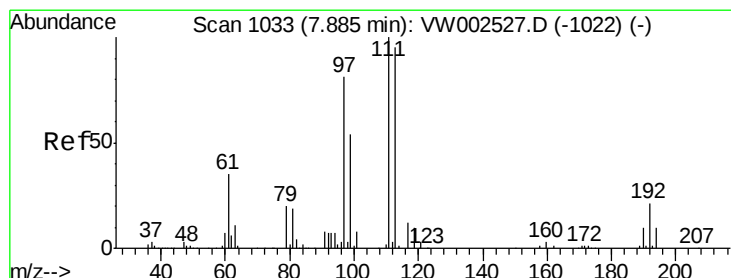
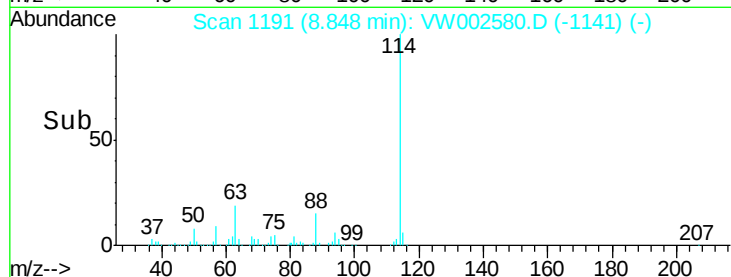
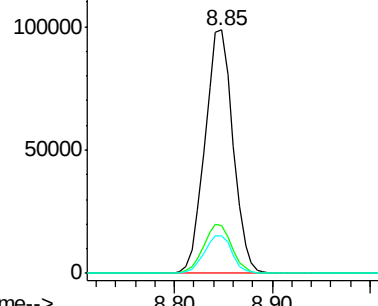
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.3	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

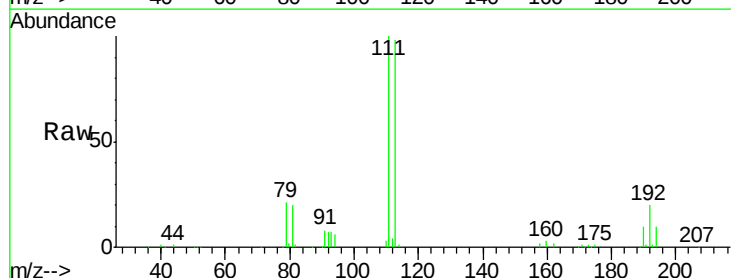
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 48.01 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

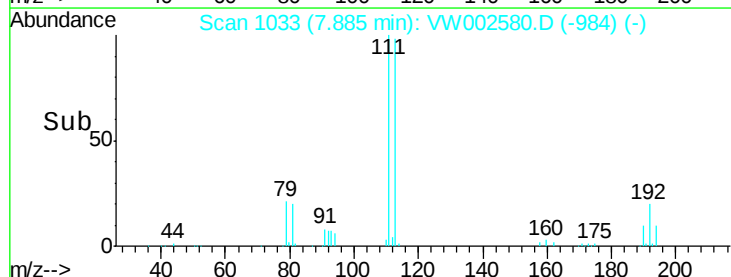
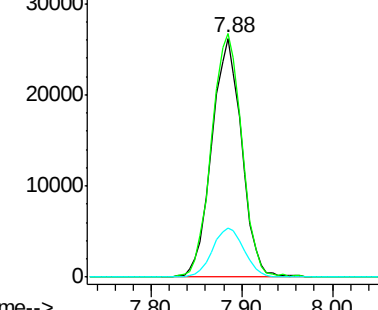
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	21.7	17.5	26.3

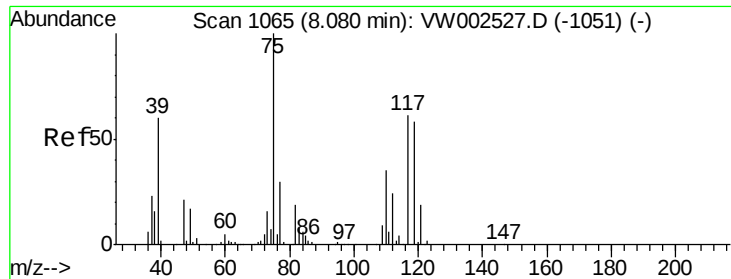


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

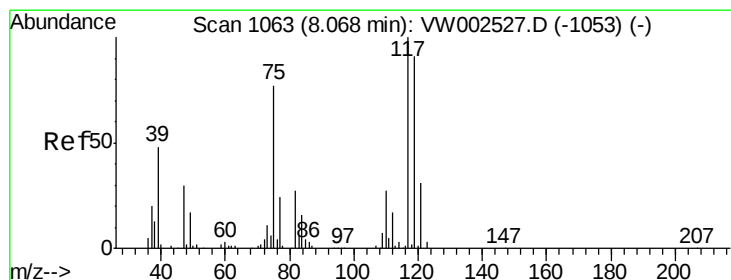
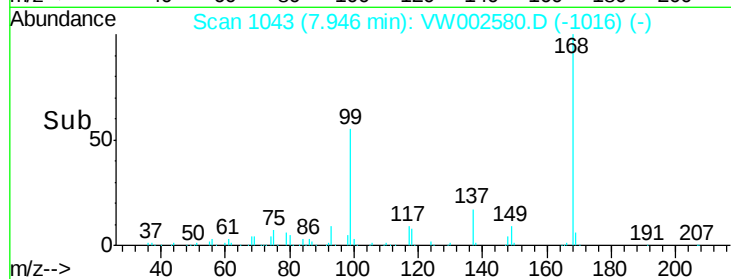
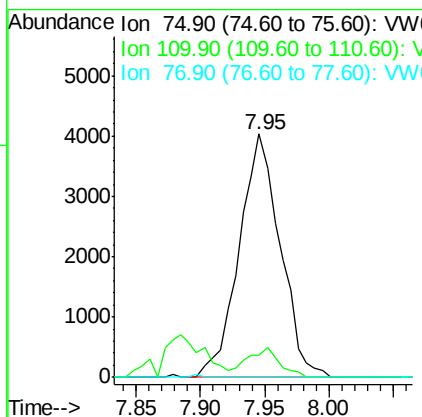
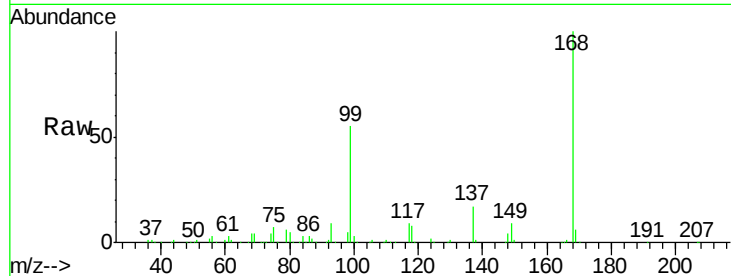




#36
 1,1-Dichloropropene
 Concen: 5.13 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

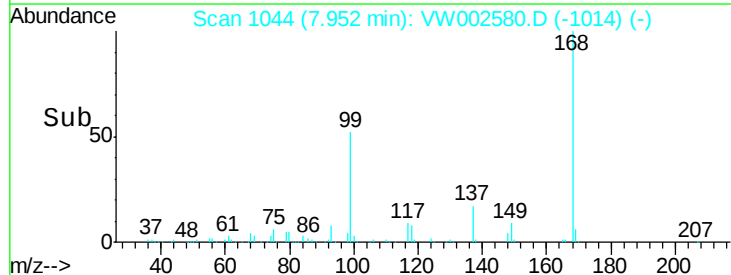
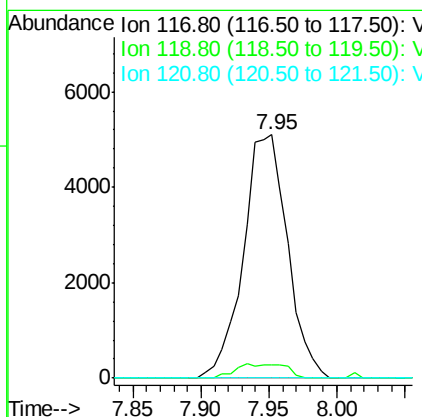
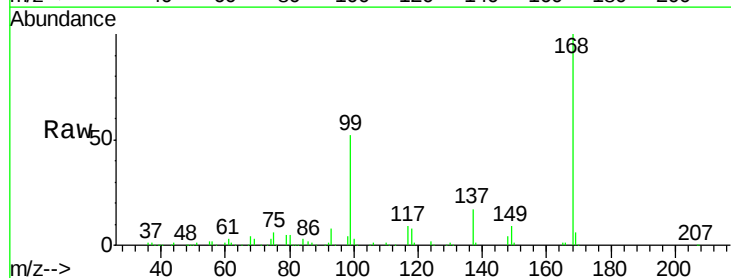
Instrument :
 MSVOA_W
 ClientSampled :
 BP-3B

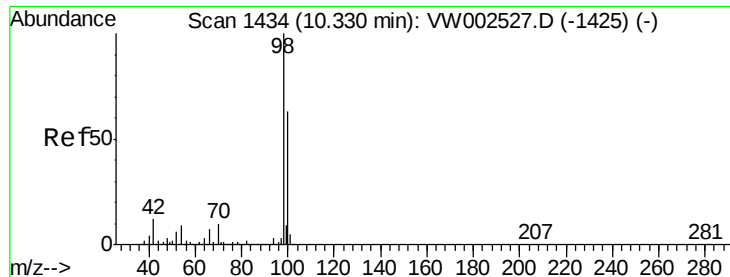
Tgt Ion: 75 Resp: 8882
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.8 53.5#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.83 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

Tgt Ion: 117 Resp: 11579
 Ion Ratio Lower Upper
 117 100
 119 5.7 73.1 109.7#
 121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 37.99 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002580.D

Acq: 16 May 2018 05:33

Instrument :

MSVOA_W

ClientSampleId :

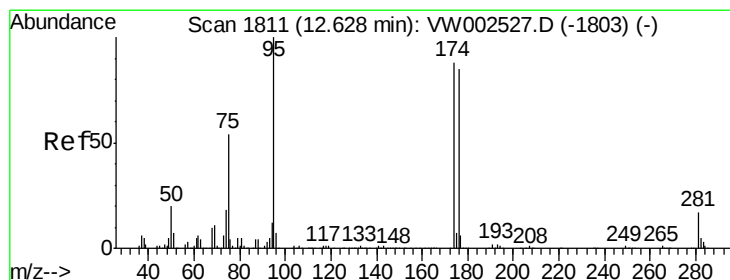
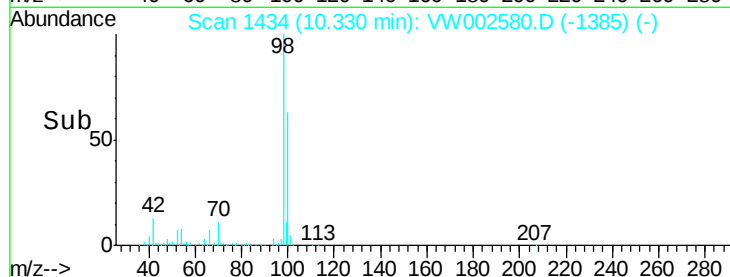
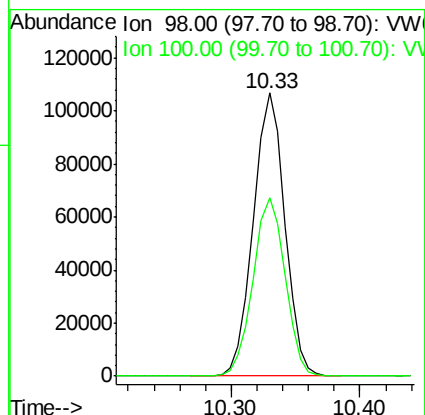
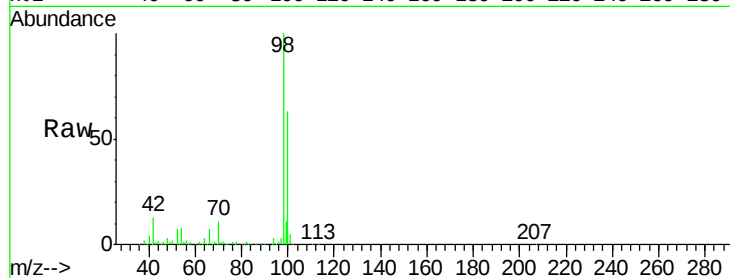
BP-3B

Tgt Ion: 98 Resp: 179806

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 36.01 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002580.D

Acq: 16 May 2018 05:33

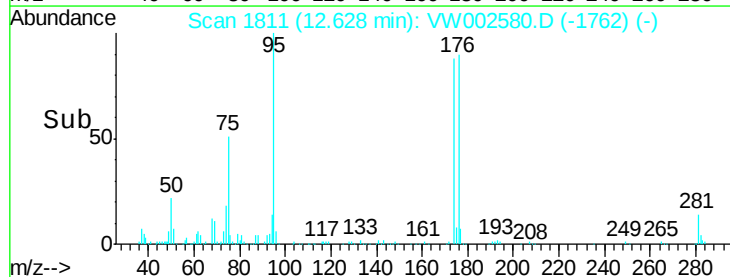
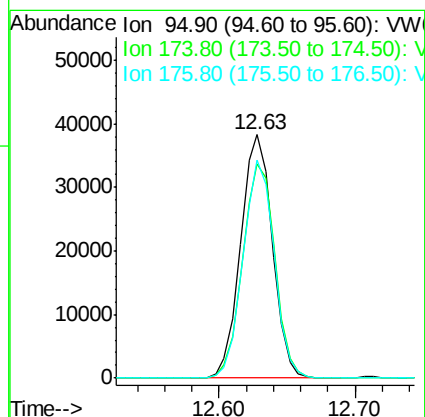
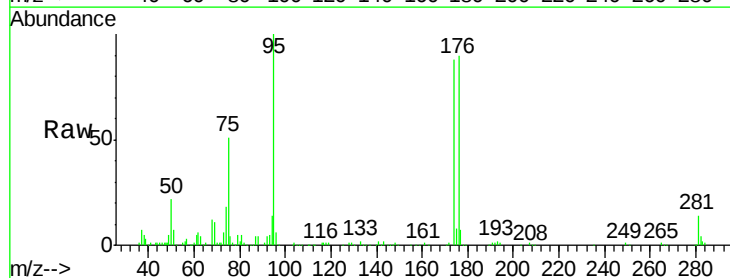
Tgt Ion: 95 Resp: 62324

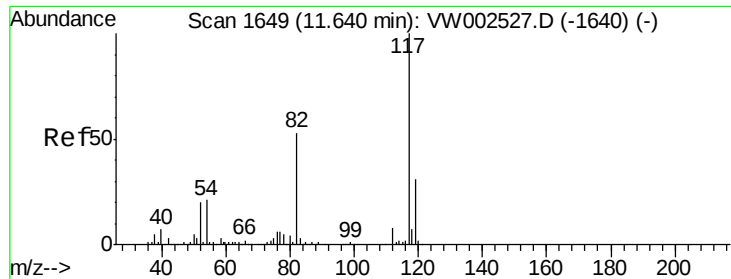
Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.6

176 88.1 0.0 172.2

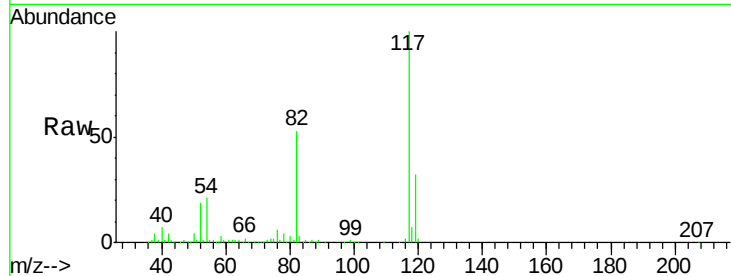




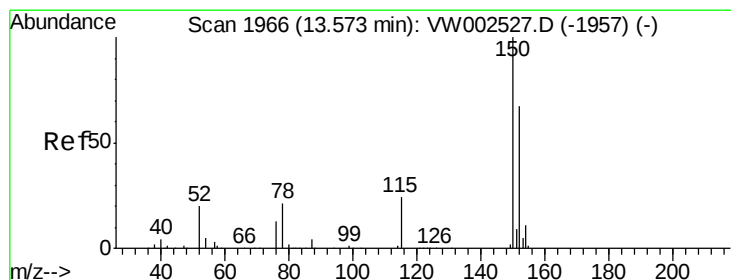
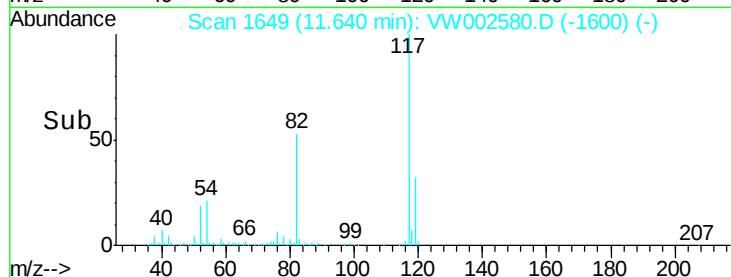
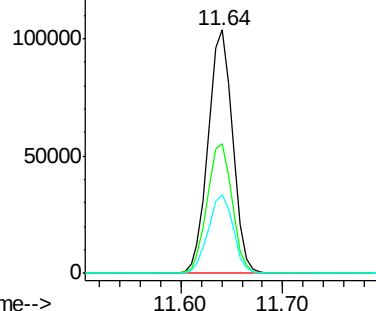
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002580.D
Acq: 16 May 2018 05:33

Instrument :
MSVOA_W
ClientSampled :
BP-3B

Tgt Ion:117 Resp: 171226
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 32.4 25.0 37.6

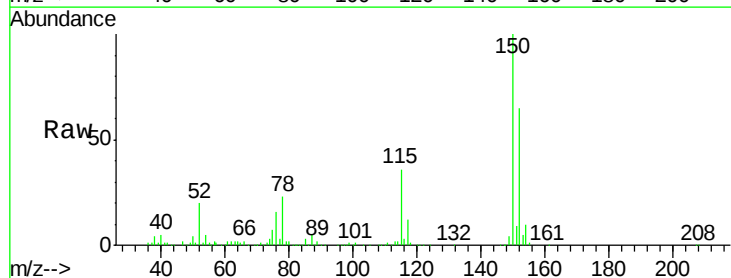


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

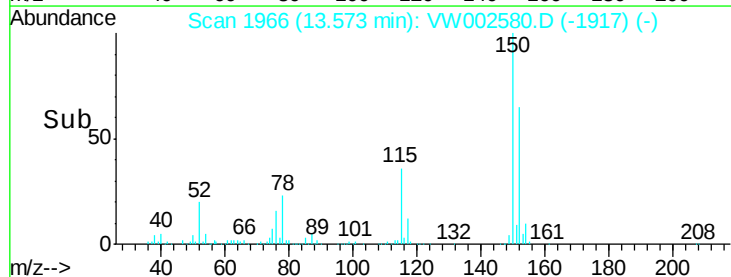
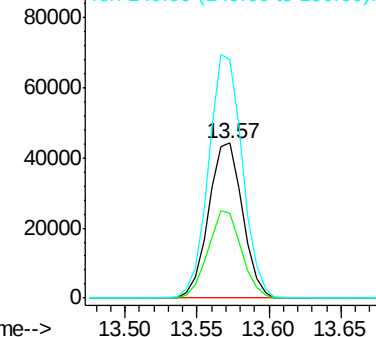


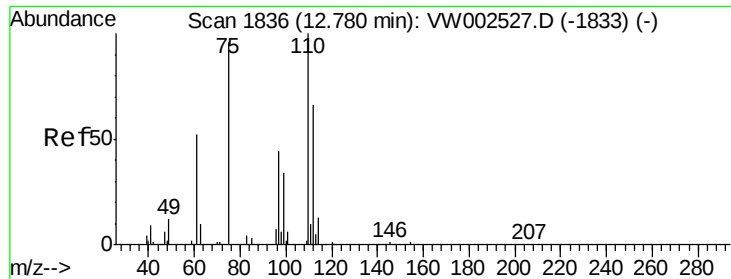
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002580.D
Acq: 16 May 2018 05:33

Tgt Ion:152 Resp: 72380
Ion Ratio Lower Upper
152 100
115 55.9 28.0 84.0
150 156.0 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

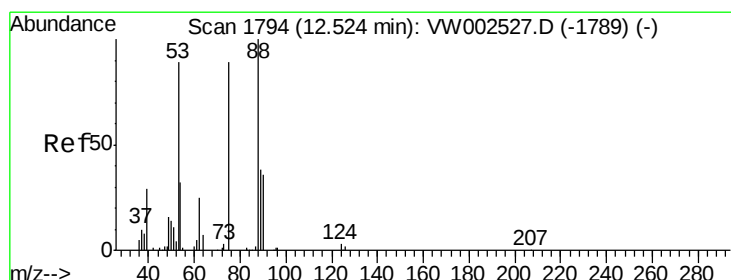
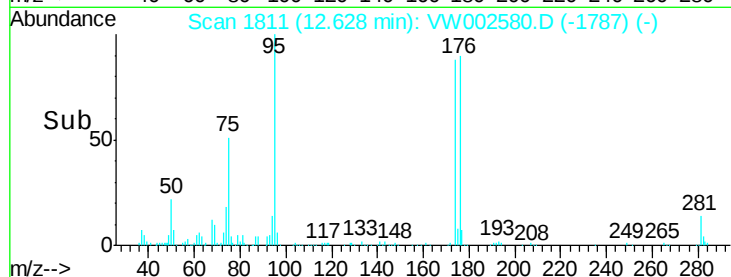
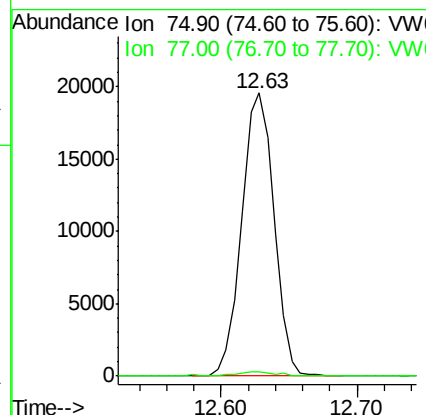
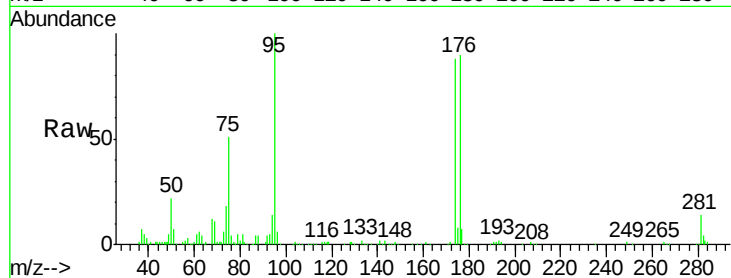




#76
 1,2,3-Trichloropropane
 Concen: 47.49 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-3B

Tgt Ion: 75 Resp: 32489
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.47 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002580.D
 Acq: 16 May 2018 05:33

Tgt Ion: 75 Resp: 32489
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.6 124.0#
 89 0.0 39.2 58.8#

