

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002578.D
 Acq On : 16 May 2018 04:43
 Operator : JC/SY
 Sample : J2785-05
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-2B

Quant Time: May 16 05:55:03 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	123992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	187756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	130354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63165	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	59327	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.33	98	129581	28.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.18%	
62) 4-Bromofluorobenzene	12.63	95	47326	28.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.12%	

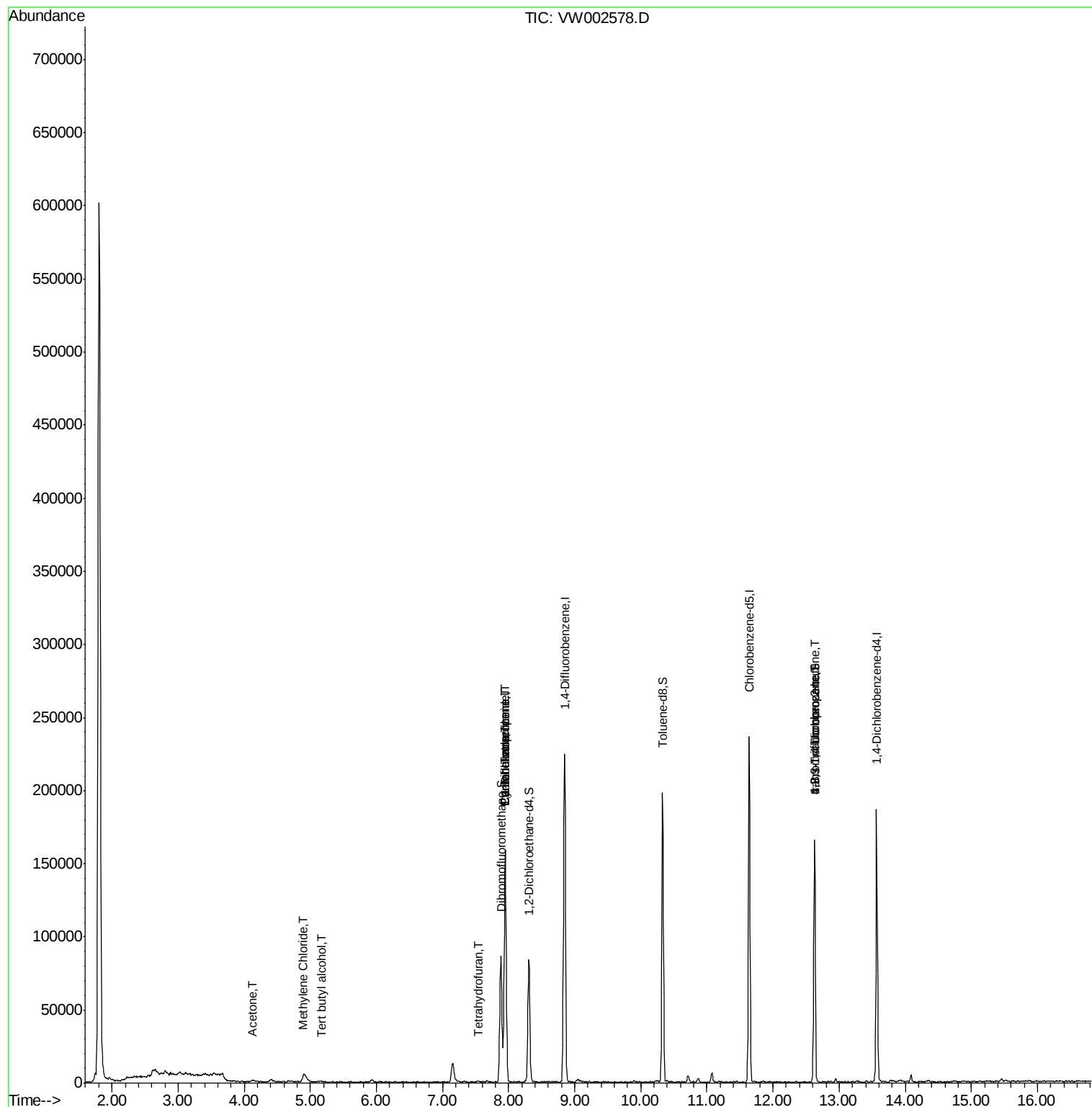
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	194	1.97	ug/l #	72
16) Acetone	4.14	43	2196	8.12	ug/l	90
20) Methylene Chloride	4.90	84	5003	2.01	ug/l #	89
29) Tetrahydrofuran	7.54	42	495	2.07	ug/l #	41
31) Cyclohexane	7.95	56	2931	1.61	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	9214	5.56	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11543	7.12	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	24566	53.61	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	24566	146.18	ug/l #	8

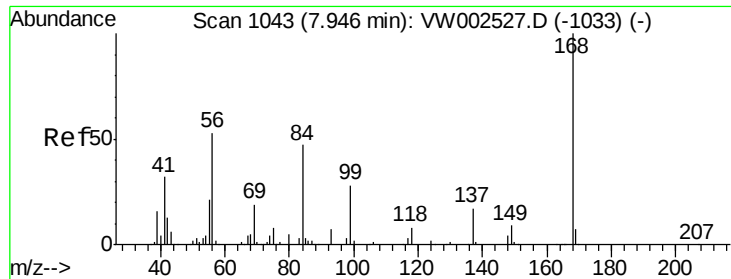
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-2B

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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: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampled :

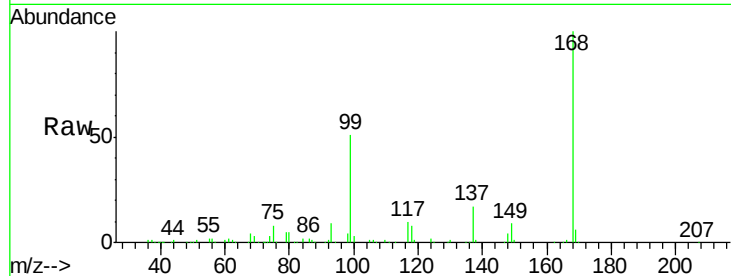
BP-2B

Tgt Ion: 168 Resp: 123992

Ion Ratio Lower Upper

168 100

99 50.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

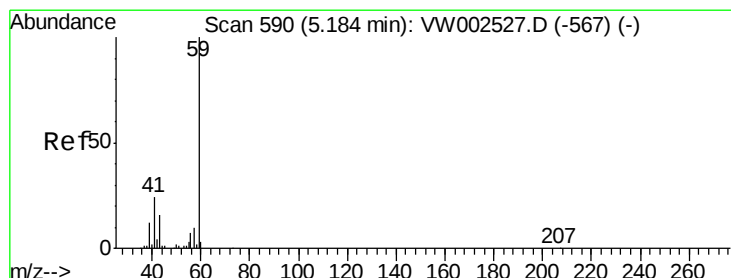
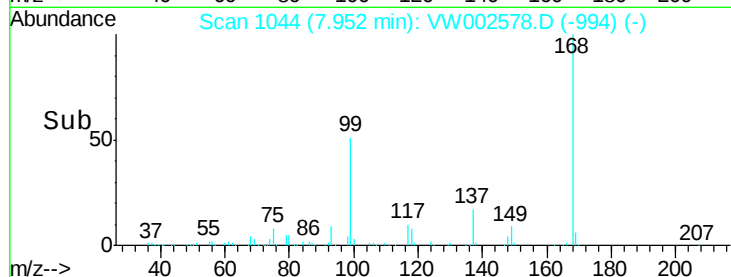
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 1.97 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.02 min

Lab File: VW002578.D

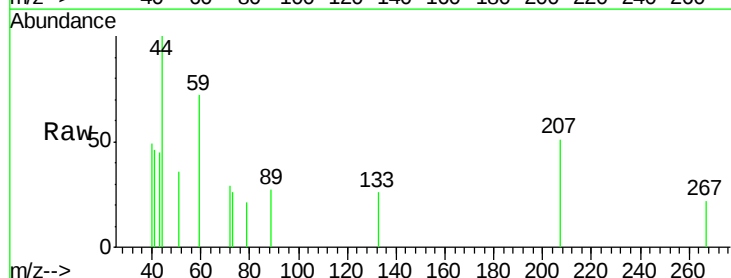
Acq: 16 May 2018 04:43

Tgt Ion: 59 Resp: 194

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

200

150

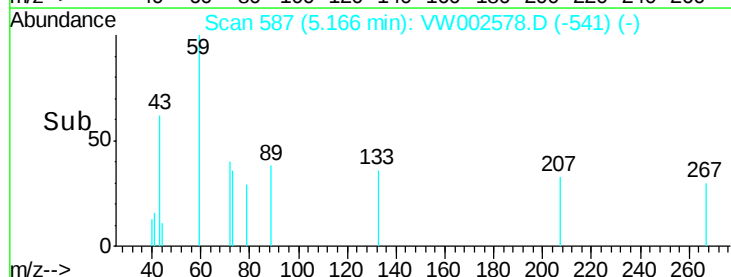
100

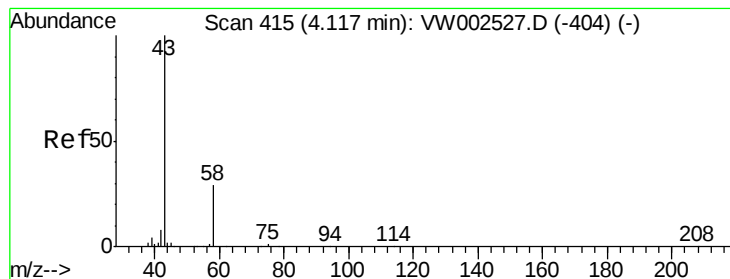
50

0

5.15 5.16 5.17 5.18

Time-->





#16

Acetone

Concen: 8.12 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.02 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampleId :

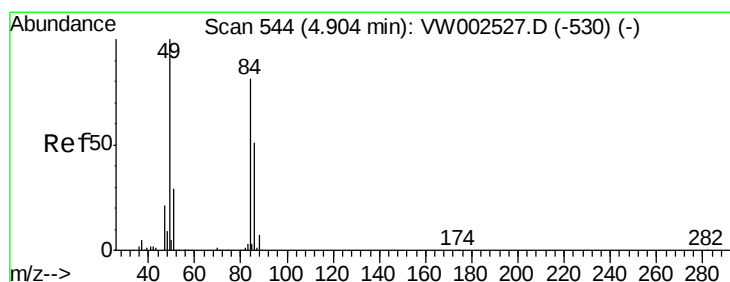
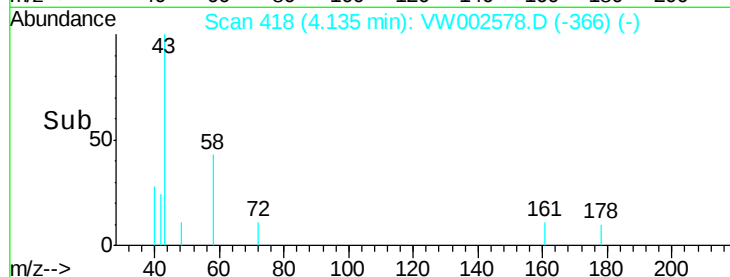
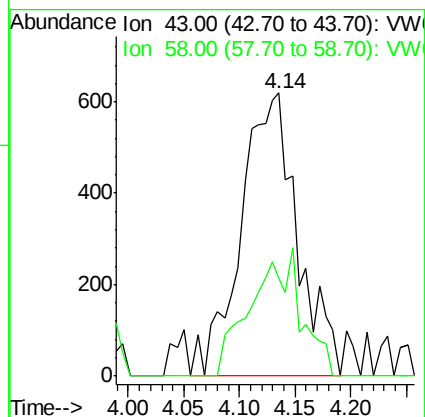
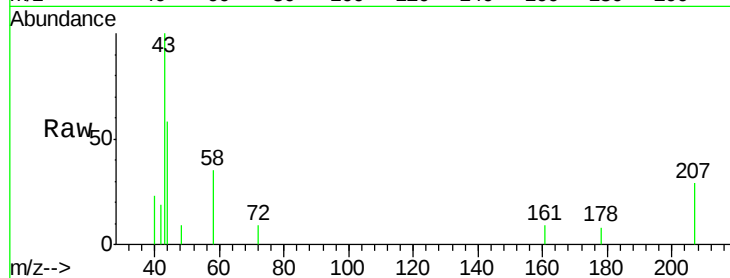
BP-2B

Tgt Ion: 43 Resp: 2196

Ion Ratio Lower Upper

43 100

58 34.7 23.4 35.0



#20

Methylene Chloride

Concen: 2.01 ug/l

RT: 4.90 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Tgt Ion: 84 Resp: 5003

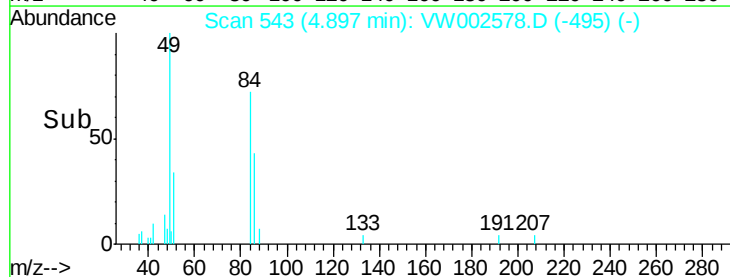
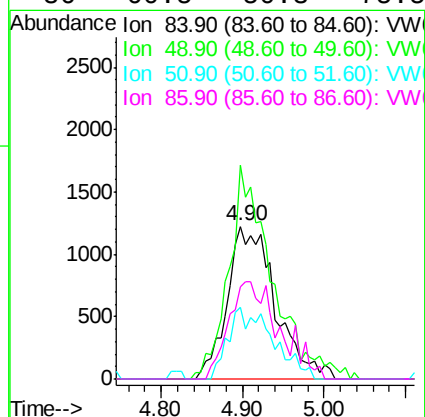
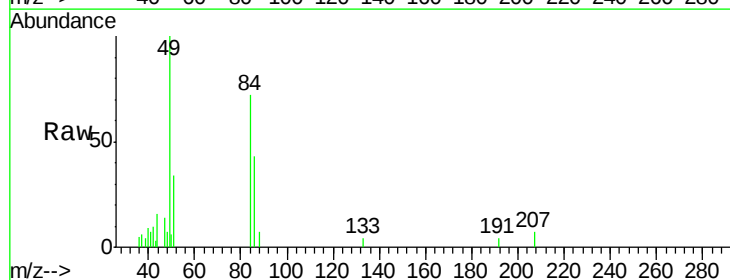
Ion Ratio Lower Upper

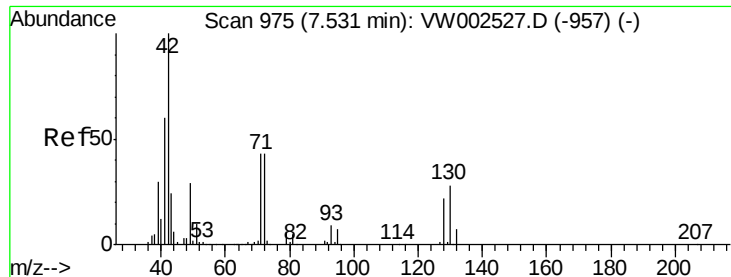
84 100

49 139.8 99.4 149.0

51 46.9 29.0 43.6#

86 60.5 50.3 75.5

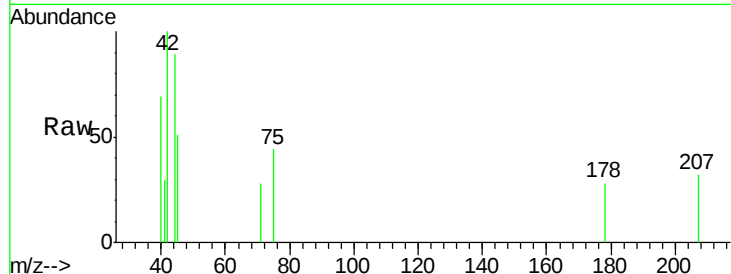




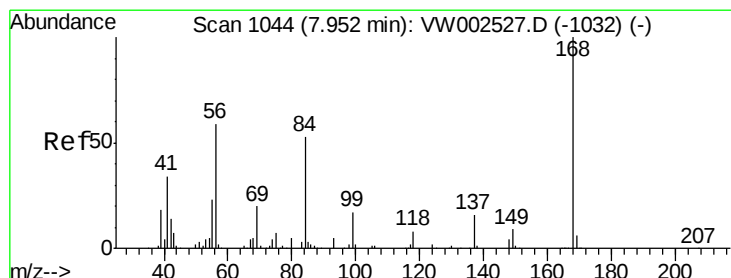
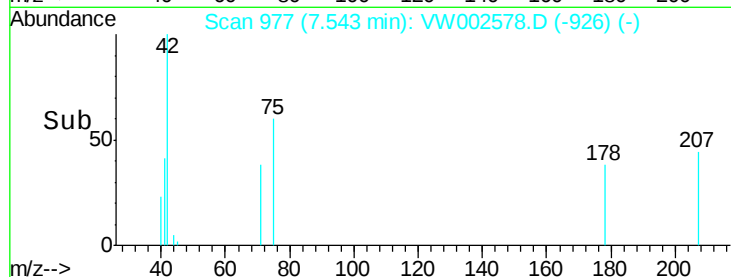
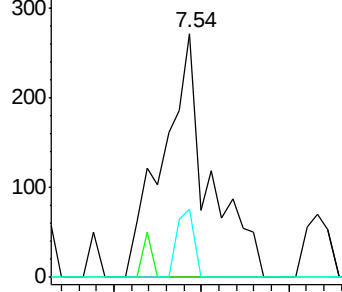
#29
Tetrahydrofuran
Concen: 2.07 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW002578.D
Acq: 16 May 2018 04:43

Instrument :
MSVOA_W
ClientSampled :
BP-2B

Tgt Ion: 42 Resp: 495
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 10.5 33.0 49.6#

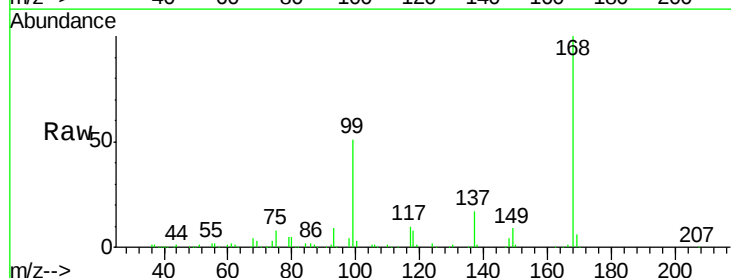


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

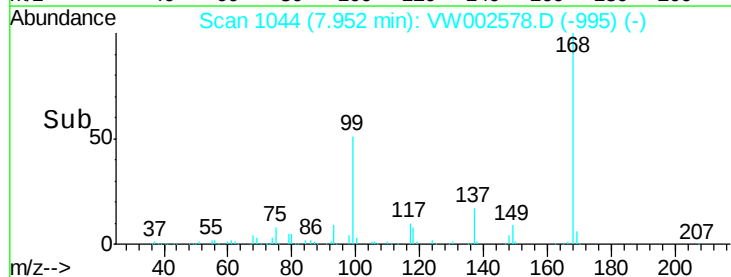
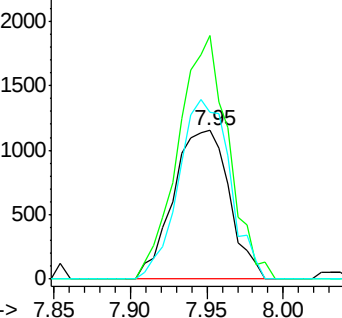


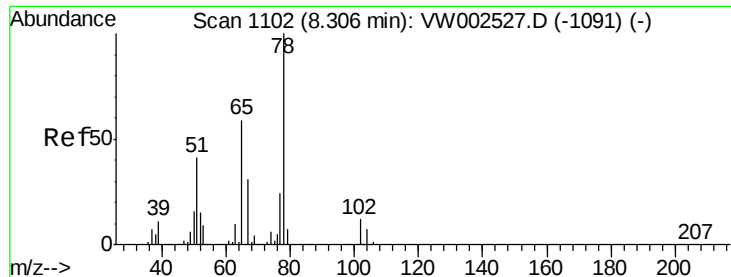
#31
Cyclohexane
Concen: 1.61 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002578.D
Acq: 16 May 2018 04:43

Tgt Ion: 56 Resp: 2931
Ion Ratio Lower Upper
56 100
69 163.8 27.0 40.4#
84 112.7 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: 49.30 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampleId :

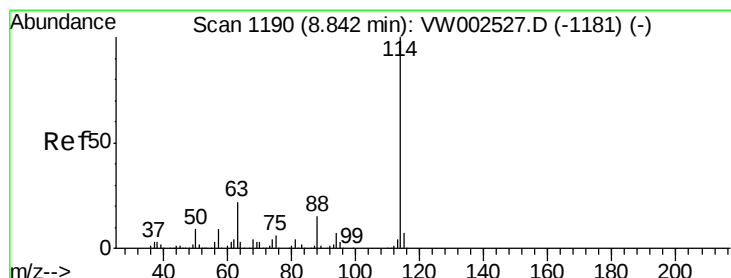
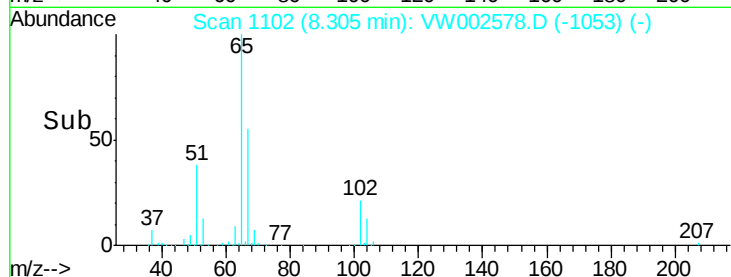
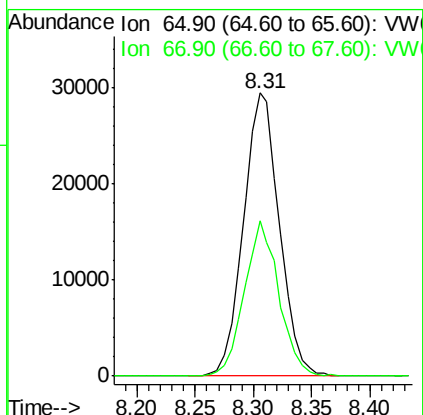
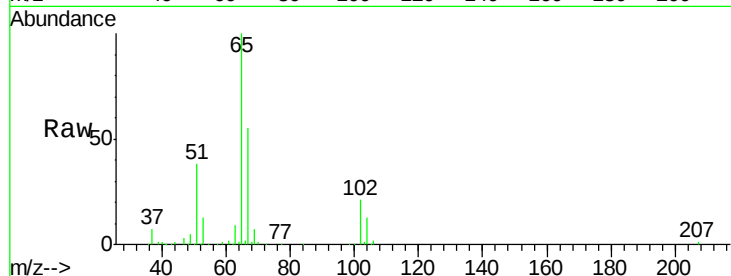
BP-2B

Tgt Ion: 65 Resp: 63165

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

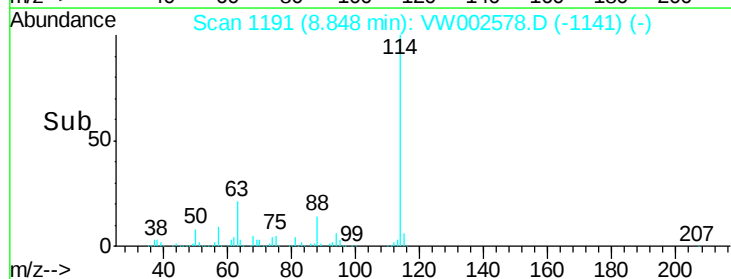
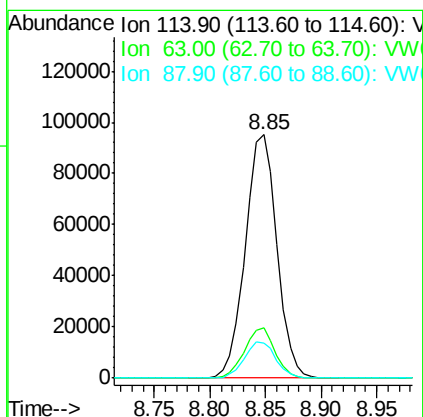
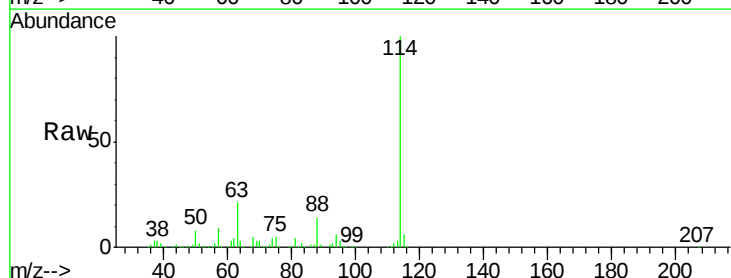
Tgt Ion: 114 Resp: 187756

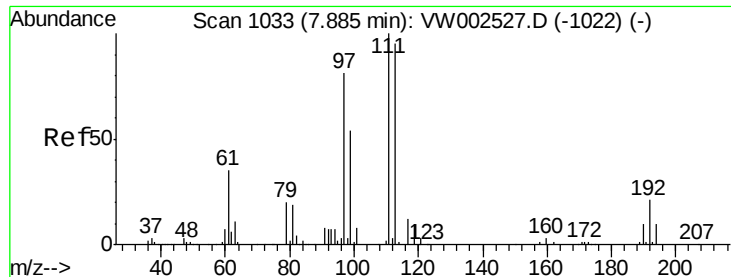
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 14.5 0.0 29.2

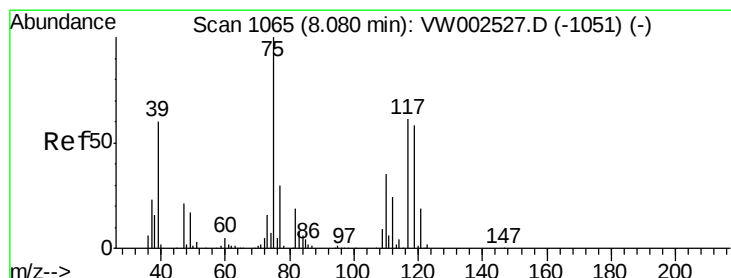
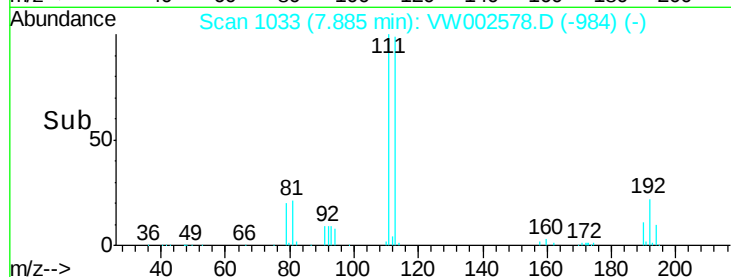
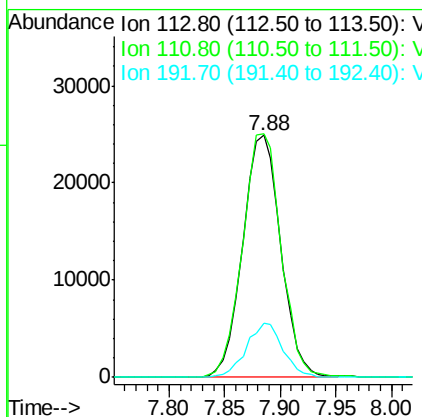
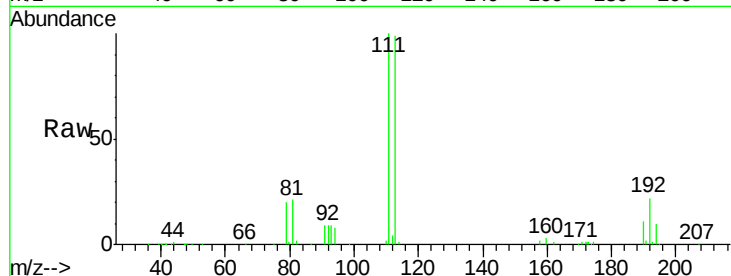




#35
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002578.D
 Acq: 16 May 2018 04:43

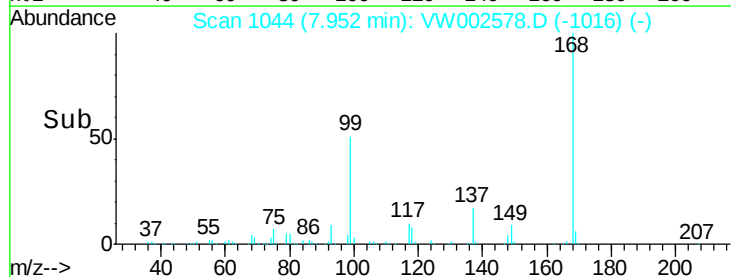
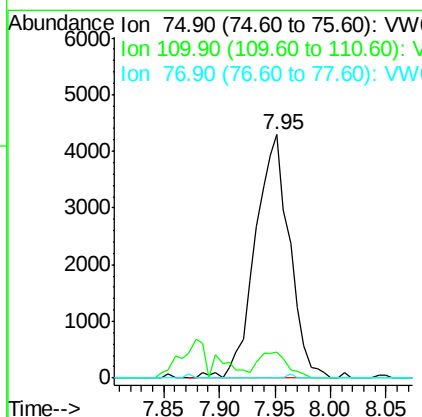
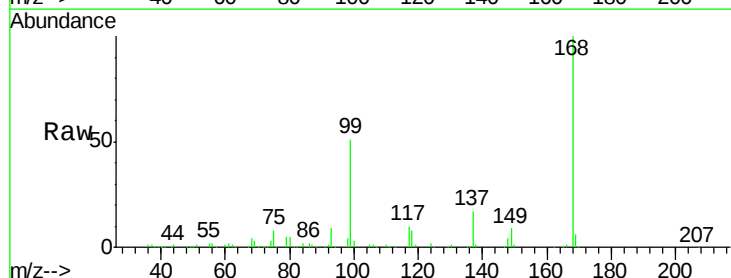
Instrument :
 MSVOA_W
 ClientSampleId :
 BP-2B

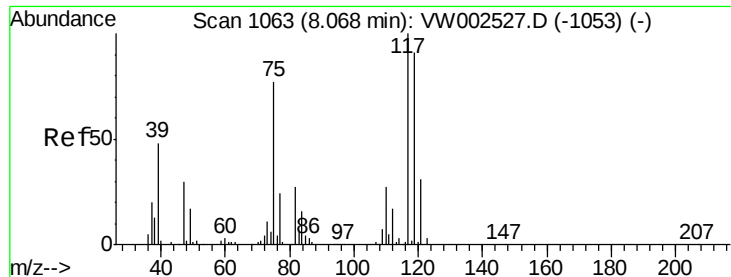
Tgt Ion:113 Resp: 59327
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.8
 192 21.4 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 5.56 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW002578.D
 Acq: 16 May 2018 04:43

Tgt Ion: 75 Resp: 9214
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.8 53.5#
 77 0.3 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 7.12 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampled :

BP-2B

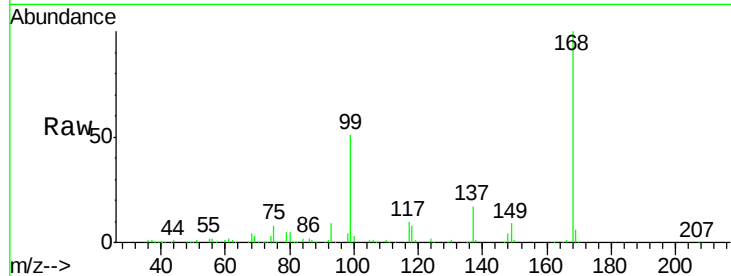
Tgt Ion:117 Resp: 11543

Ion Ratio Lower Upper

117 100

119 5.3 73.1 109.7#

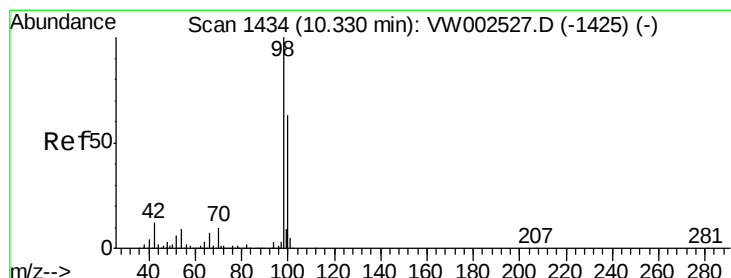
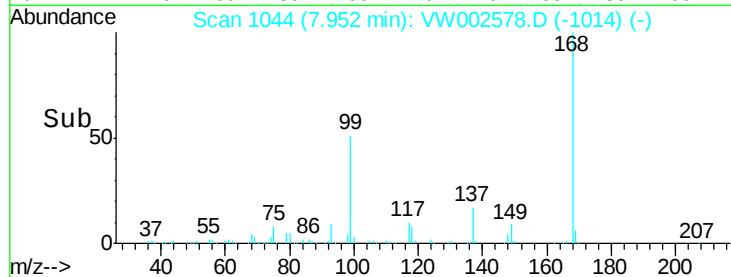
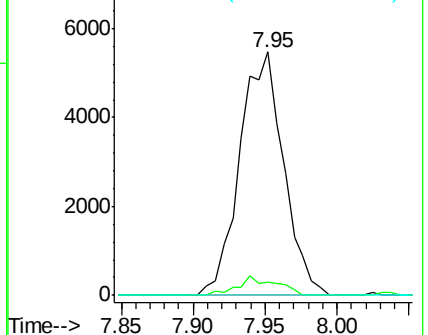
121 0.0 24.4 36.6#



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: 28.59 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002578.D

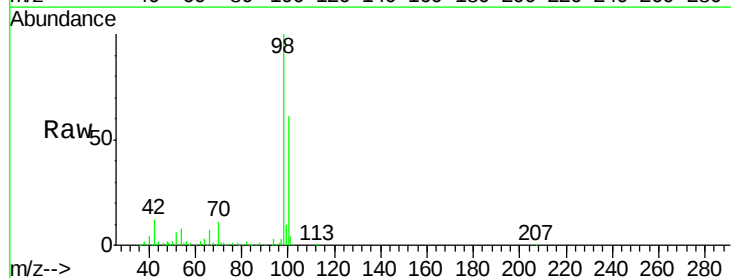
Acq: 16 May 2018 04:43

Tgt Ion: 98 Resp: 129581

Ion Ratio Lower Upper

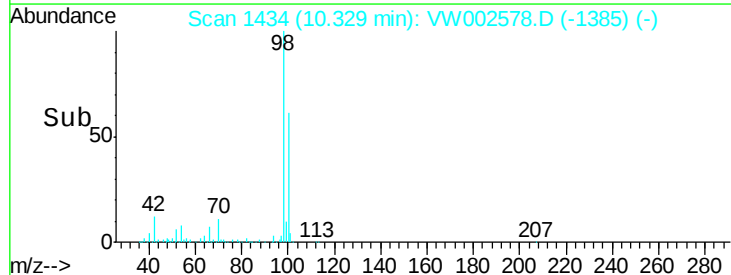
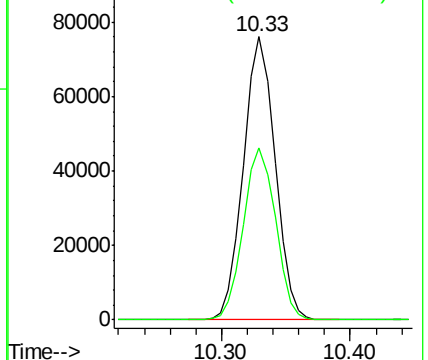
98 100

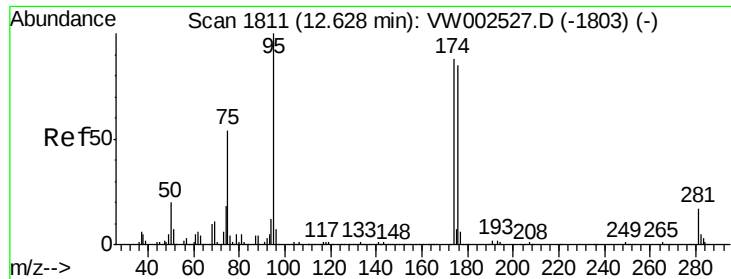
100 61.6 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

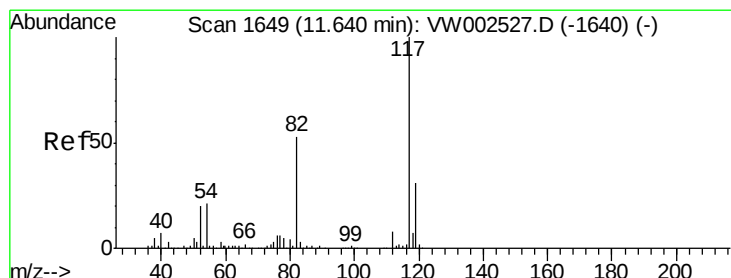
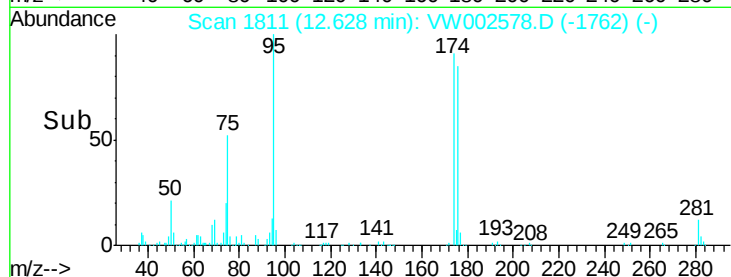
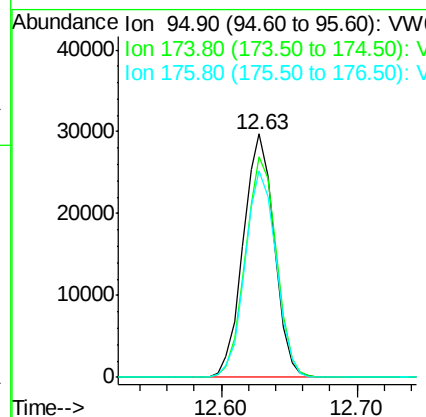
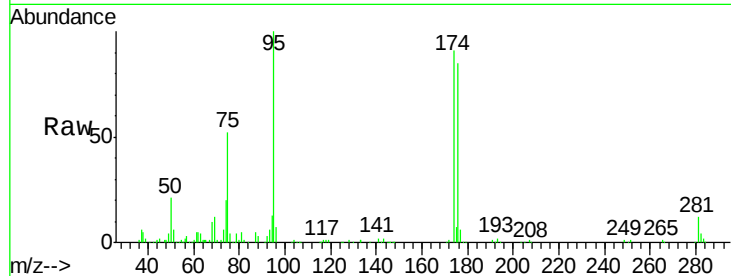




#62
4-Bromofluorobenzene
Concen: 28.56 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002578.D
Acq: 16 May 2018 04:43

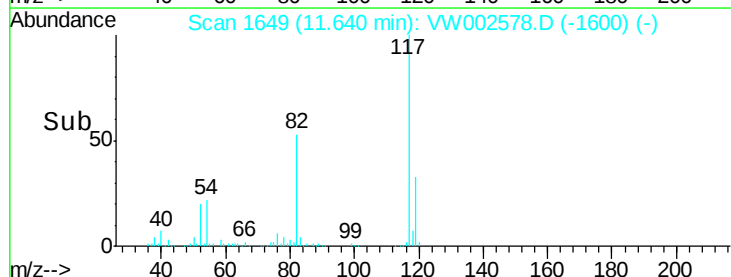
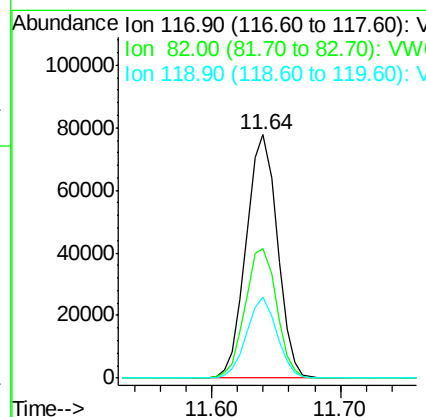
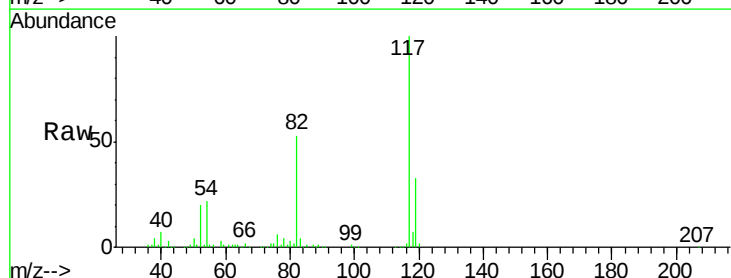
Instrument :
MSVOA_W
ClientSampleId :
BP-2B

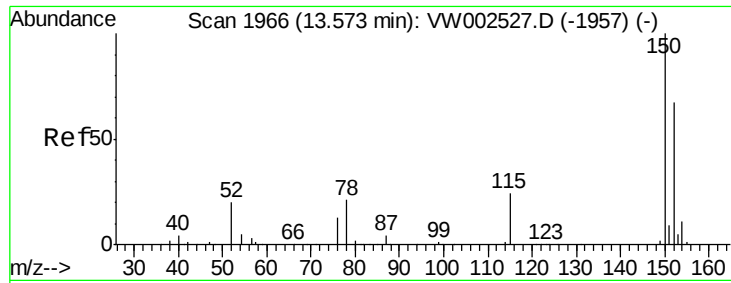
Tgt Ion: 95 Resp: 47326
Ion Ratio Lower Upper
95 100
174 91.0 0.0 176.6
176 85.4 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002578.D
Acq: 16 May 2018 04:43

Tgt Ion: 117 Resp: 130354
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 33.2 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampled :

BP-2B

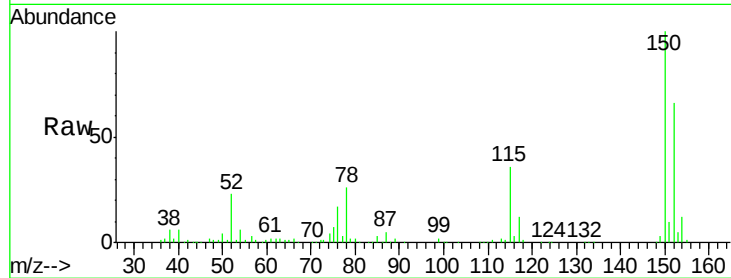
Tgt Ion:152 Resp: 48473

Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

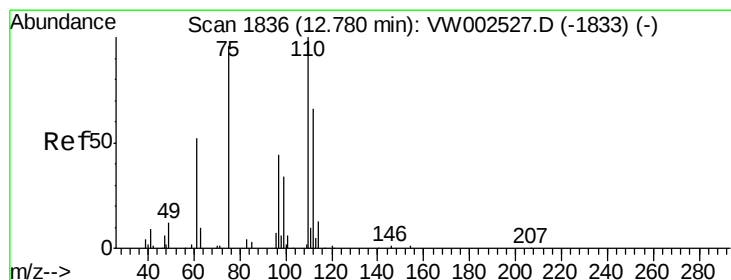
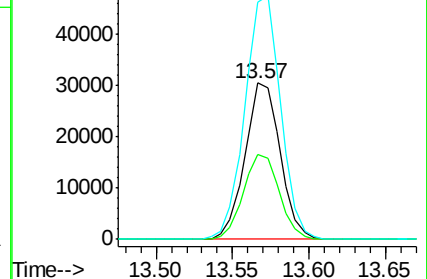
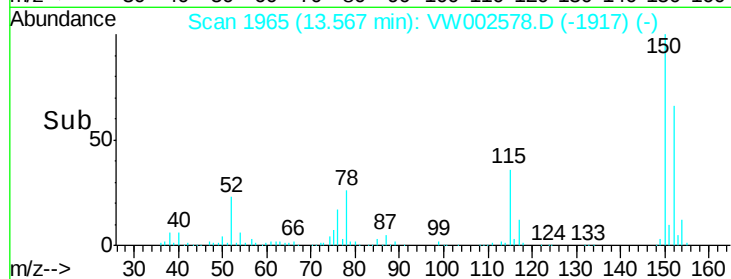
150 157.8 0.0 345.4



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: 53.61 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002578.D

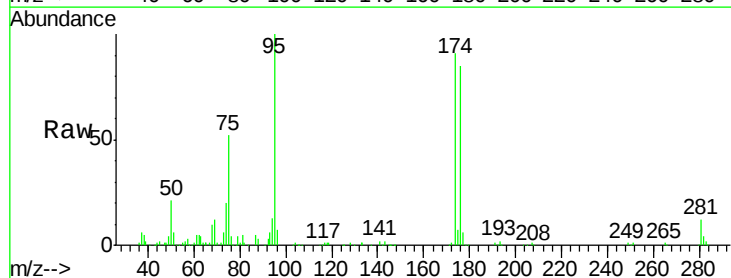
Acq: 16 May 2018 04:43

Tgt Ion: 75 Resp: 24566

Ion Ratio Lower Upper

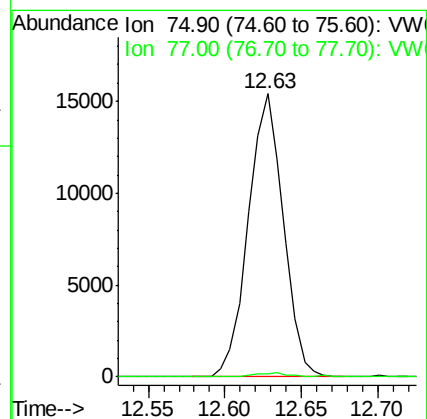
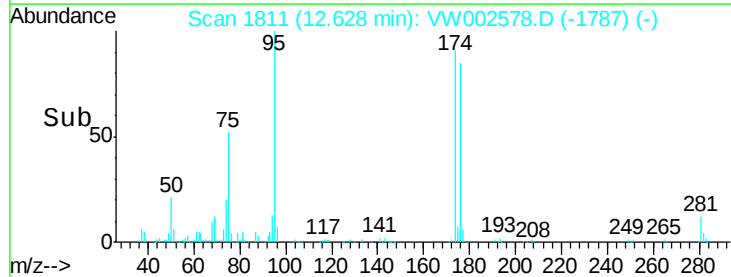
75 100

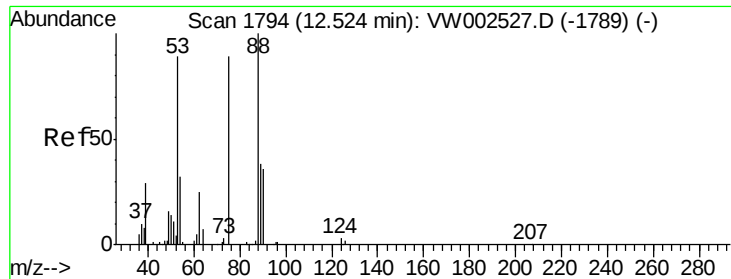
77 1.5 0.0 0.0#



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: 146.18 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002578.D

Acq: 16 May 2018 04:43

Instrument :

MSVOA_W

ClientSampleId :

BP-2B

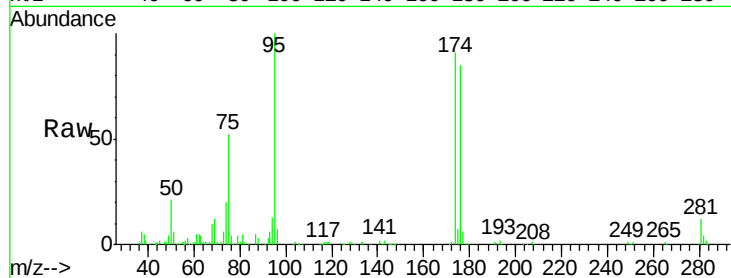
Tgt Ion: 75 Resp: 24566

Ion Ratio Lower Upper

75 100

53 0.4 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

