

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006565.D
 Acq On : 01 Nov 2018 17:50
 Operator : SY/AP
 Sample : J5725-05
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2-13.5-14

Quant Time: Nov 01 18:27:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178492	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	109544	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.88	113	112105	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
50) Toluene-d8	10.33	98	396455	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	
62) 4-Bromofluorobenzene	12.62	95	128948	35.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.48%	

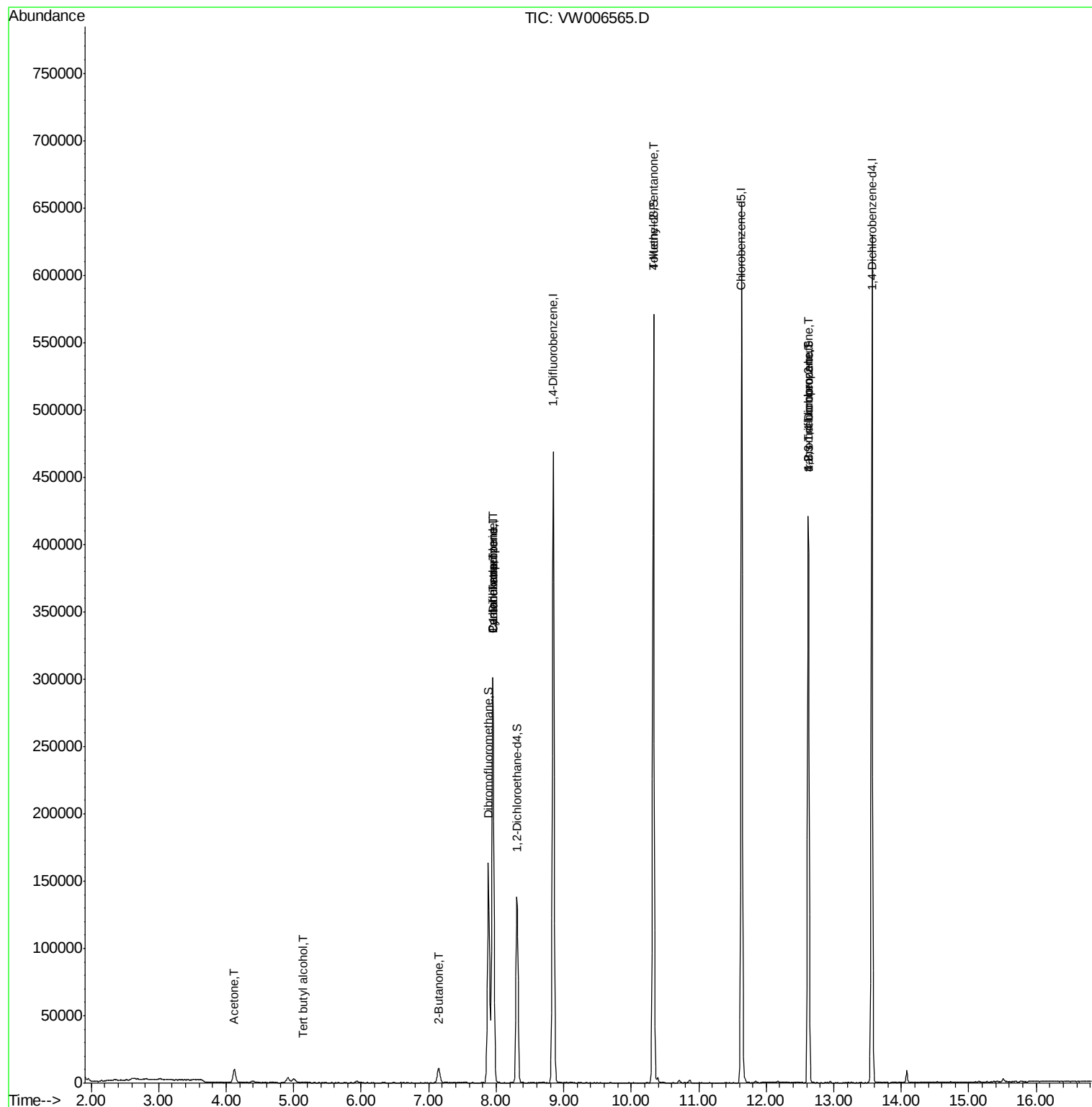
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	389	3.34	ug/l #	84
16) Acetone	4.12	43	17931	51.39	ug/l	99
20) Methylene Chloride	4.91	84	3112	Below Cal	#	95
25) 2-Butanone	7.15	43	587	1.18	ug/l #	46
31) Cyclohexane	7.95	56	4352	1.26	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	16050	4.32	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22281	5.74	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1687	1.28	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	63398	45.52	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63398	114.28	ug/l #	11

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

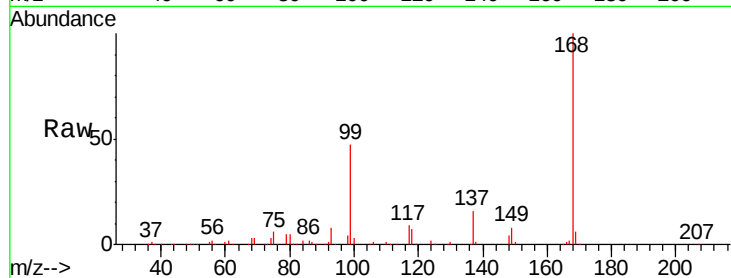
B-2-13.5-14

Tgt Ion:168 Resp: 251419

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

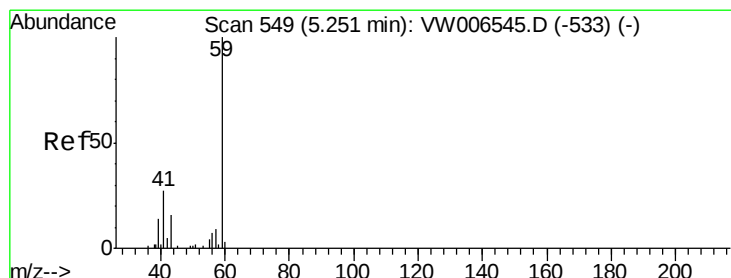
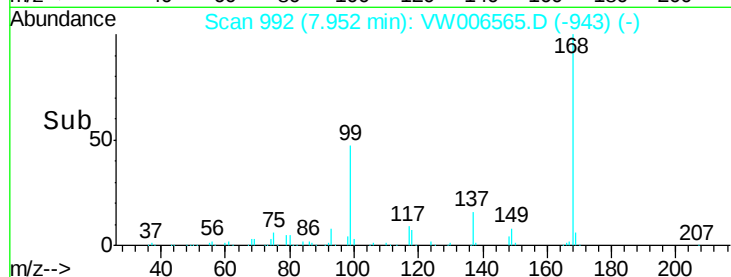
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.34 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.10 min

Lab File: VW006565.D

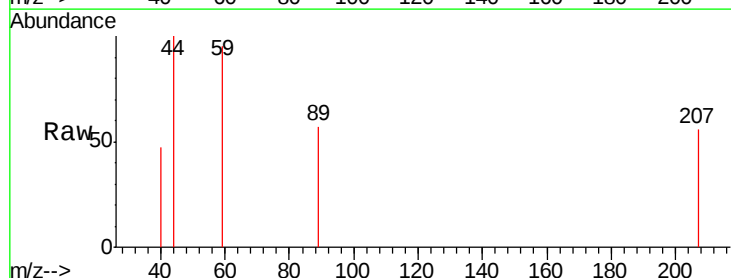
Acq: 01 Nov 2018 17:50

Tgt Ion: 59 Resp: 389

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

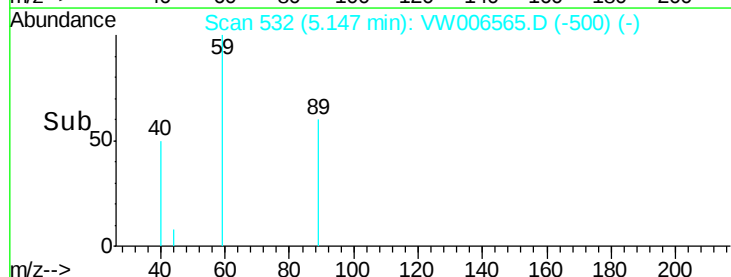
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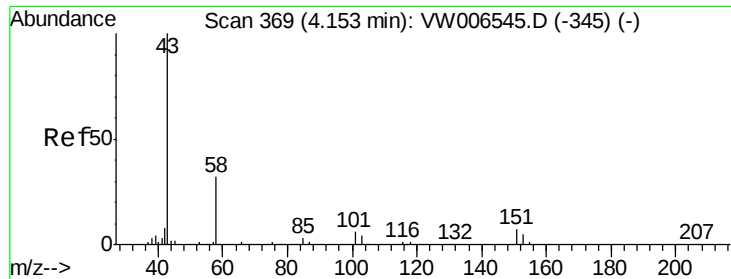
100

50

0

Time-->





#16

Acetone

Concen: 51.39 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

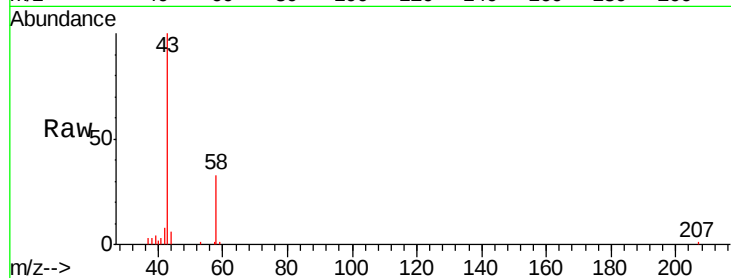
B-2-13.5-14

Tgt Ion: 43 Resp: 17931

Ion Ratio Lower Upper

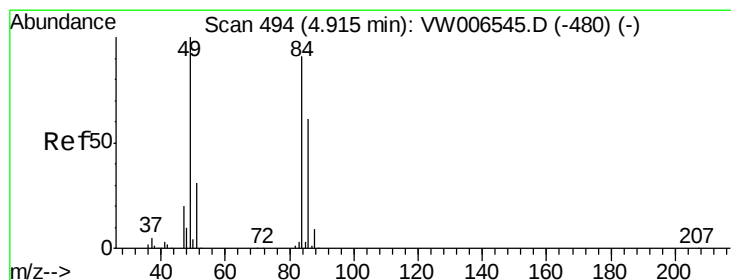
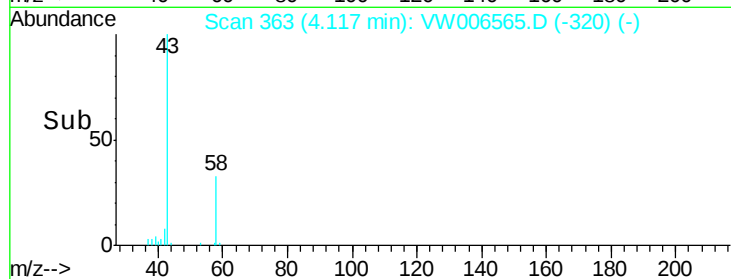
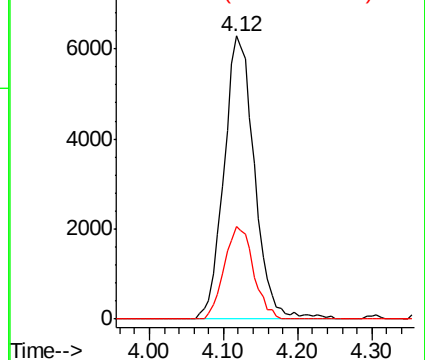
43 100

58 32.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Tgt Ion: 84 Resp: 3112

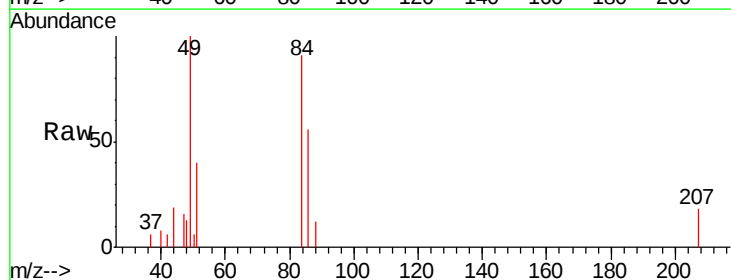
Ion Ratio Lower Upper

84 100

49 110.3 88.2 132.4

51 44.6 27.0 40.6#

86 61.8 53.8 80.8

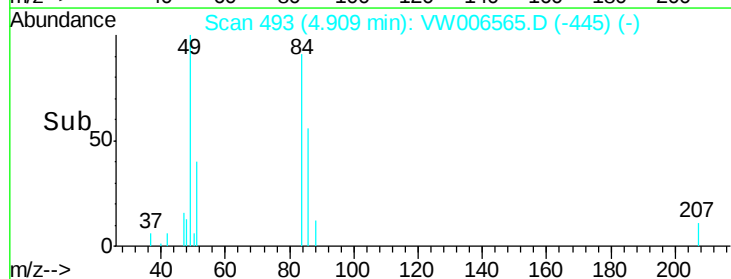
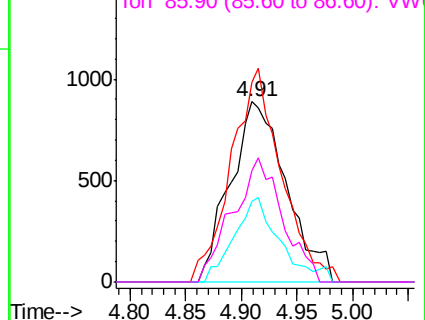


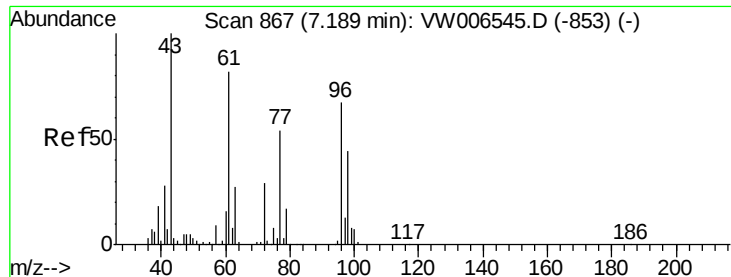
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.18 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

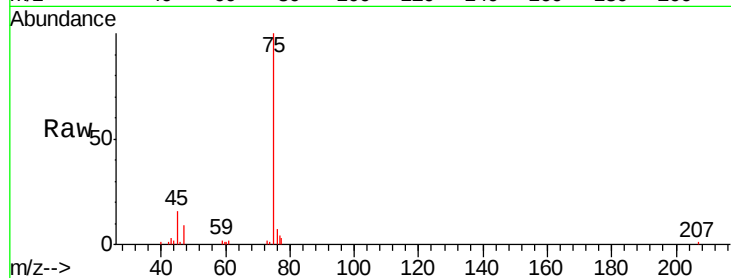
B-2-13.5-14

Tgt Ion: 43 Resp: 587

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

250

200

150

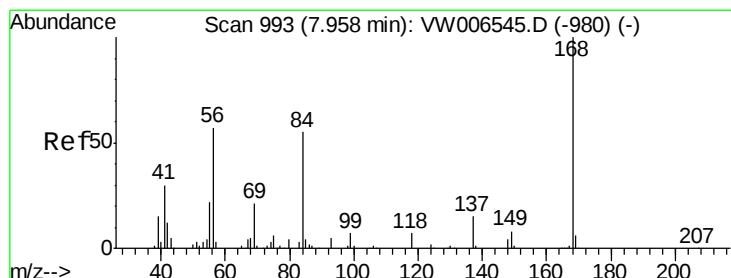
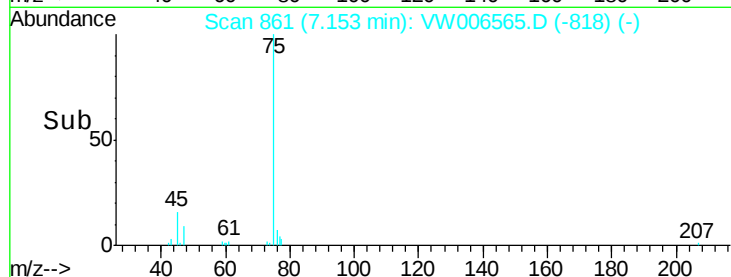
100

50

0

7.10 7.15 7.20

Time-->



#31

Cyclohexane

Concen: 1.26 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

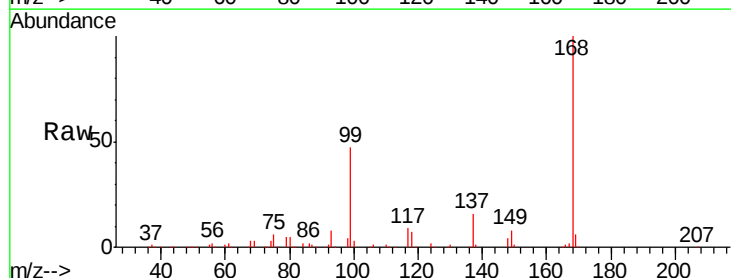
Tgt Ion: 56 Resp: 4352

Ion Ratio Lower Upper

56 100

69 154.4 29.0 43.4#

84 126.4 77.8 116.6#



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

4000

3000

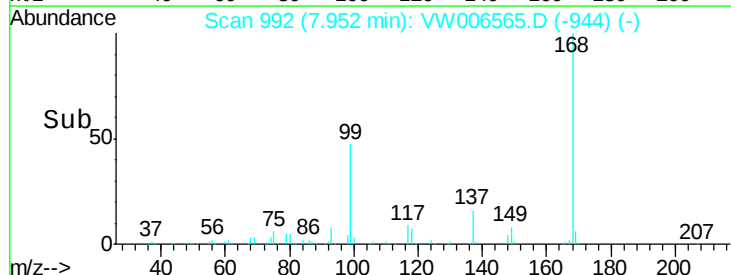
2000

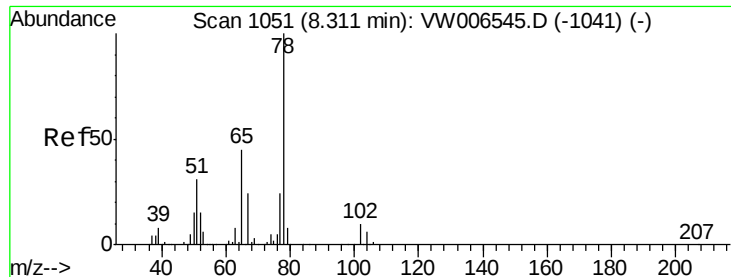
1000

0

7.90 7.95 8.00

Time-->

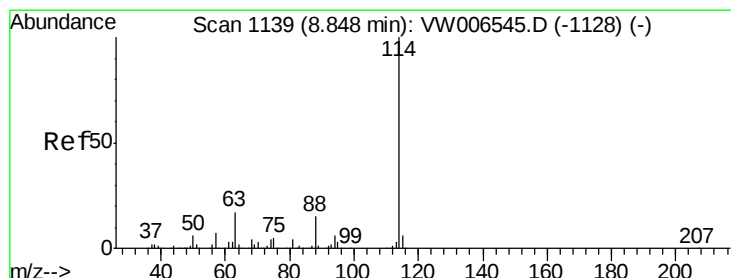
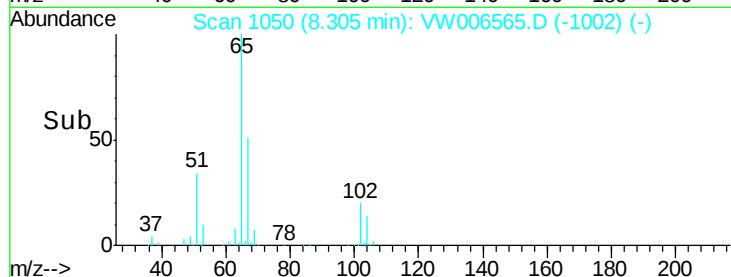
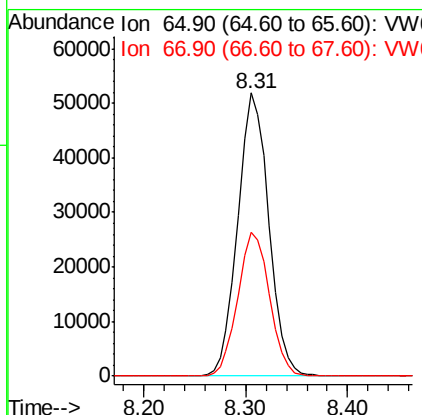
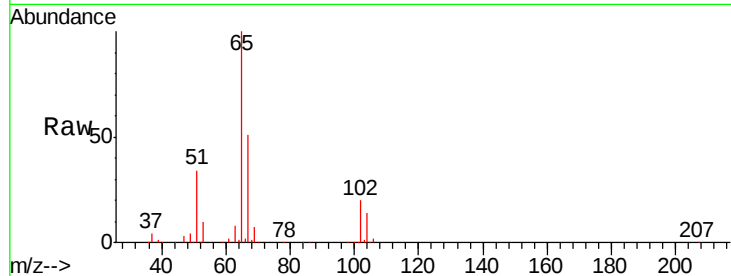




#33
 1,2-Dichloroethane-d4
 Concen: 50.69 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006565.D
 Acq: 01 Nov 2018 17:50

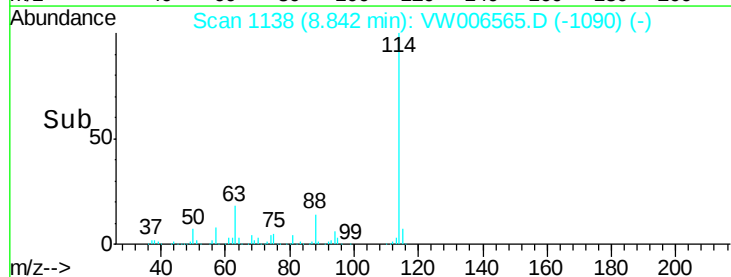
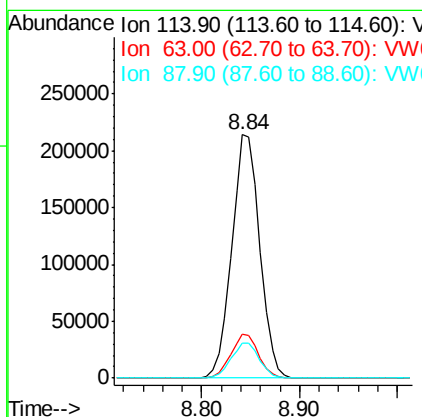
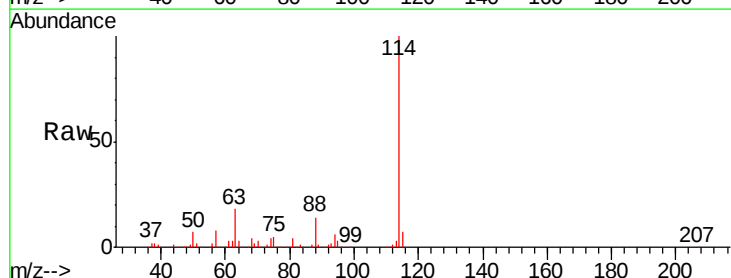
Instrument :
 MSVOA_W
 ClientSampleId :
 B-2-13.5-14

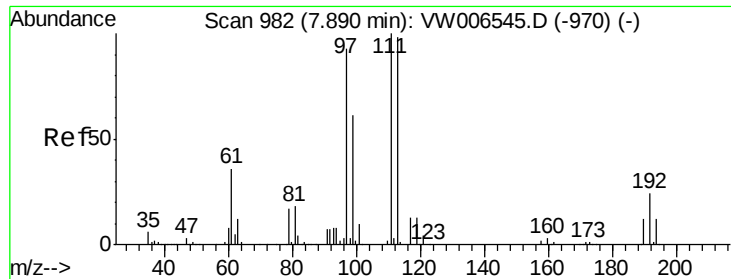
Tgt Ion: 65 Resp: 109544
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006565.D
 Acq: 01 Nov 2018 17:50

Tgt Ion: 114 Resp: 422524
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.4
 88 14.4 0.0 29.0

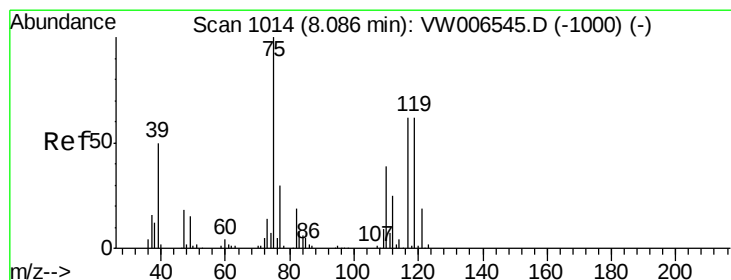
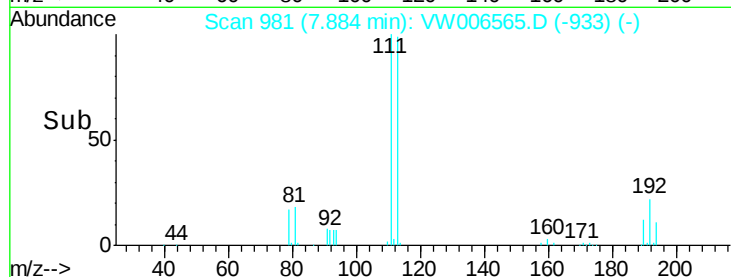
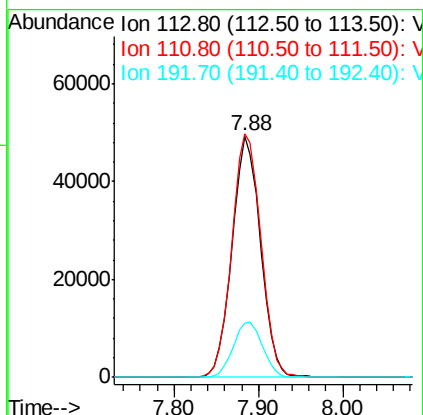
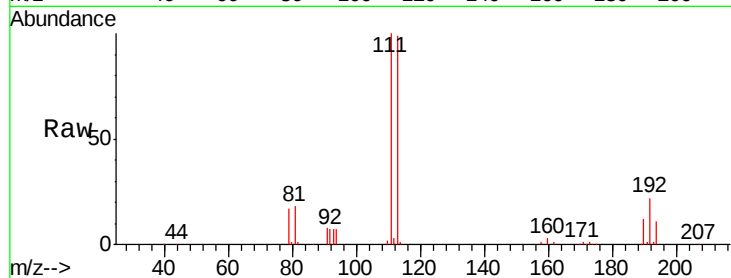




#35
 Dibromofluoromethane
 Concen: 42.28 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006565.D
 Acq: 01 Nov 2018 17:50

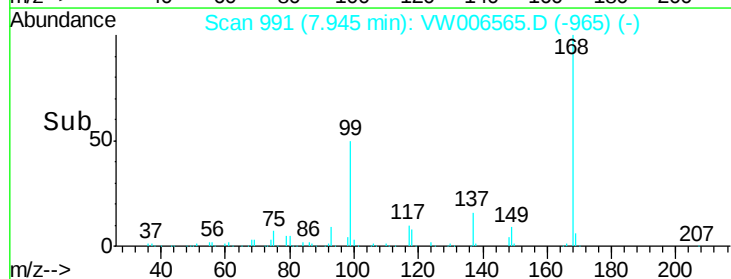
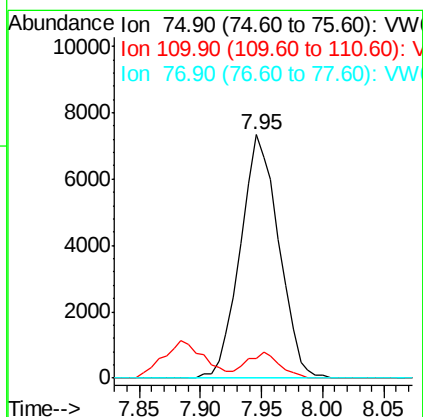
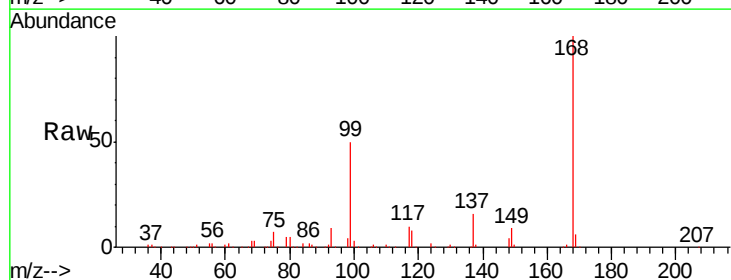
Instrument :
 MSVOA_W
 ClientSampleId :
 B-2-13.5-14

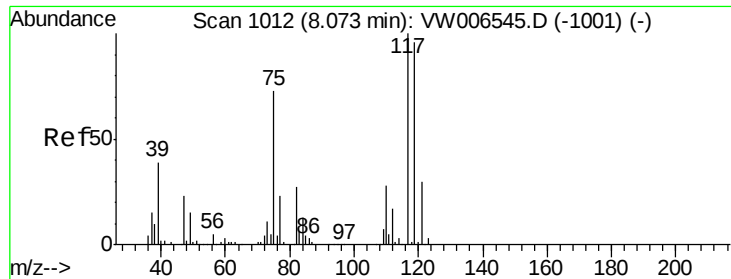
Tgt Ion:113 Resp: 112105
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 23.6 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.32 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006565.D
 Acq: 01 Nov 2018 17:50

Tgt Ion: 75 Resp: 16050
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.5 58.5#
 77 0.0 24.6 37.0#

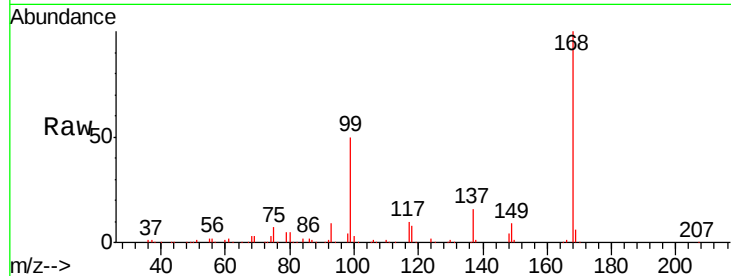




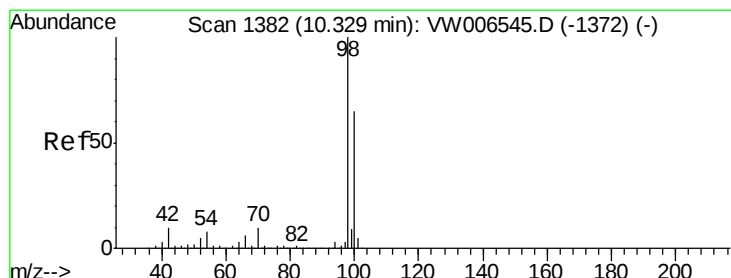
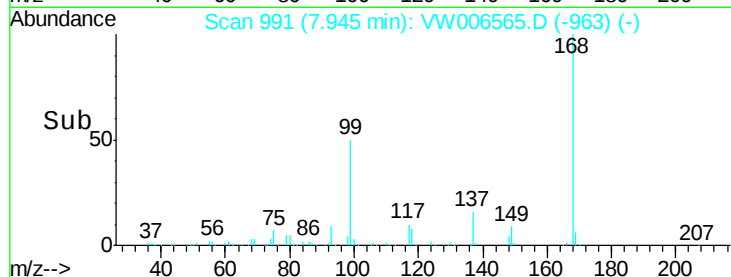
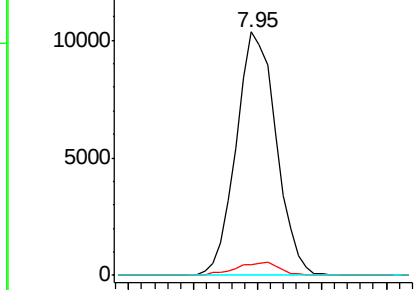
#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006565.D
Acq: 01 Nov 2018 17:50

Instrument :
MSVOA_W
ClientSampled :
B-2-13.5-14

Tgt Ion: 117 Resp: 22281
Ion Ratio Lower Upper
117 100
119 4.2 76.3 114.5#
121 0.0 24.1 36.1#

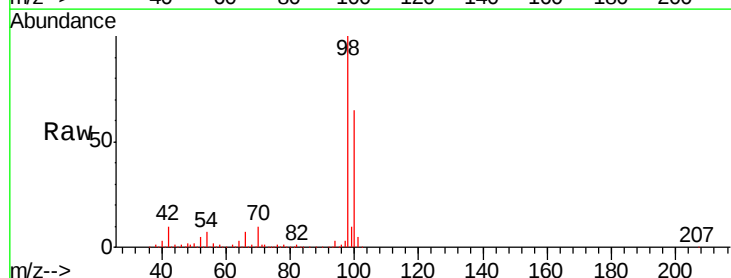


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

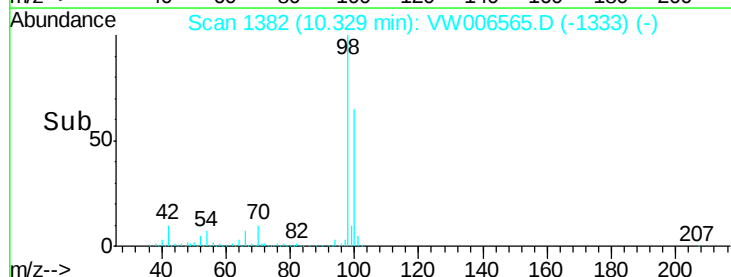
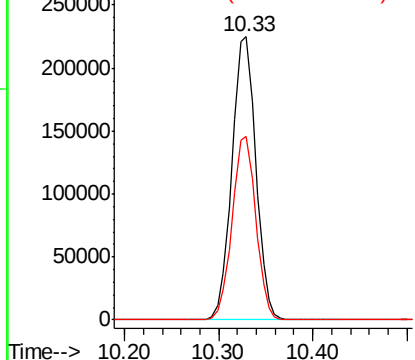


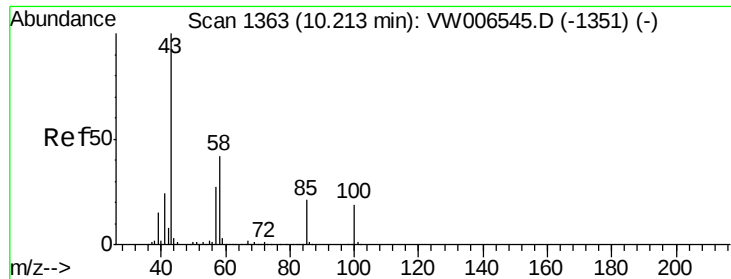
#50
Toluene-d8
Concen: 39.27 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006565.D
Acq: 01 Nov 2018 17:50

Tgt Ion: 98 Resp: 396455
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.28 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

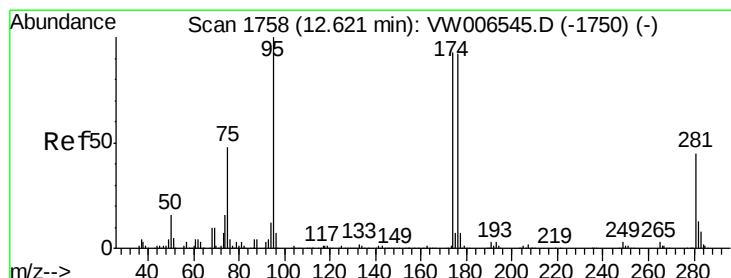
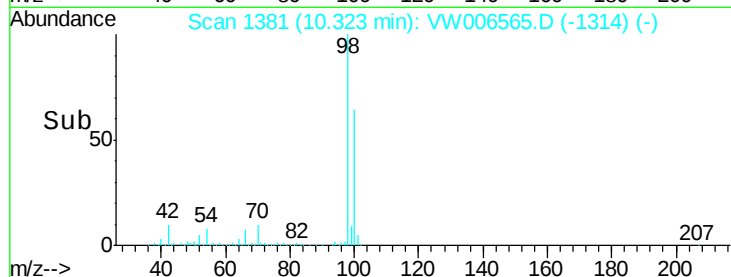
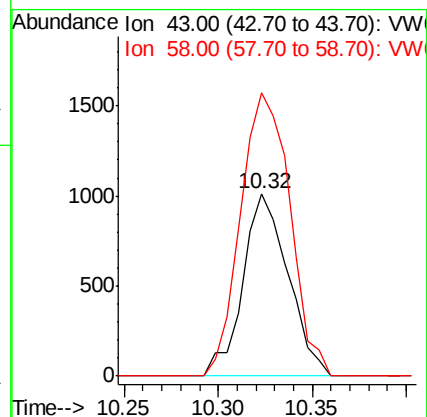
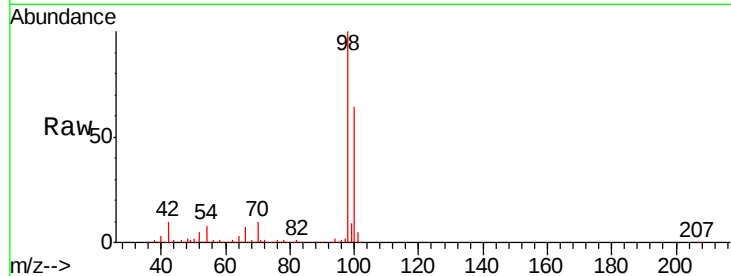
B-2-13.5-14

Tgt Ion: 43 Resp: 1687

Ion Ratio Lower Upper

43 100

58 169.6 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 35.24 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

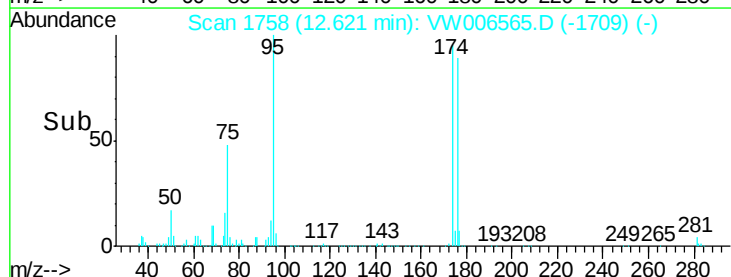
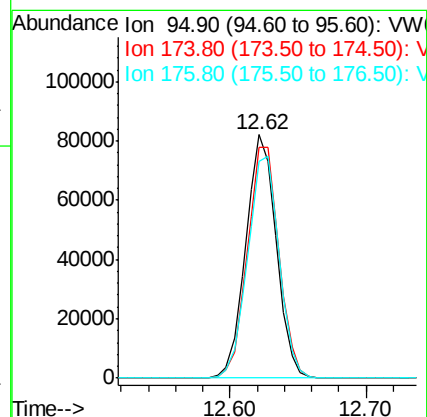
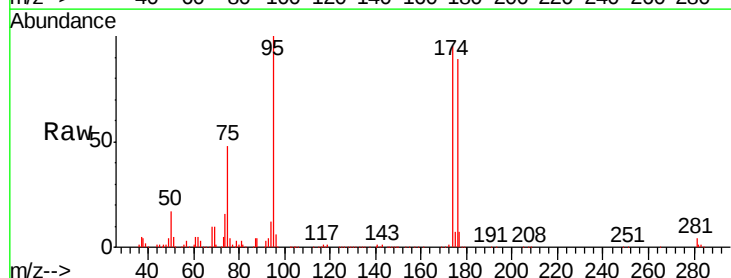
Tgt Ion: 95 Resp: 128948

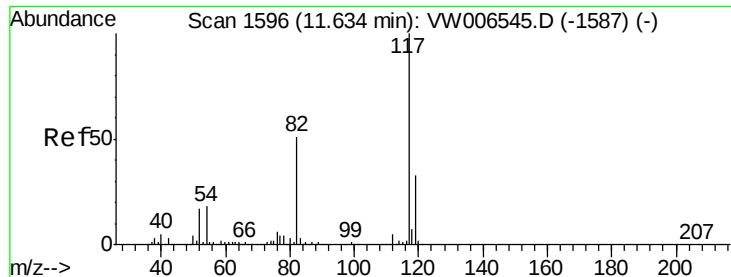
Ion Ratio Lower Upper

95 100

174 98.2 0.0 192.4

176 94.4 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

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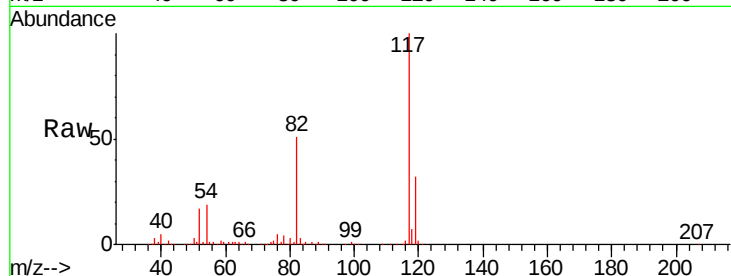
Tgt Ion:117 Resp: 381192

Ion Ratio Lower Upper

117 100

82 51.4 40.8 61.2

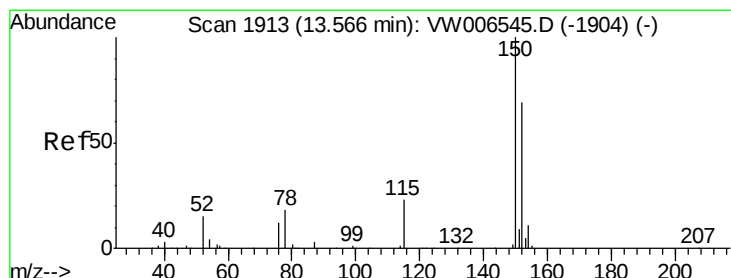
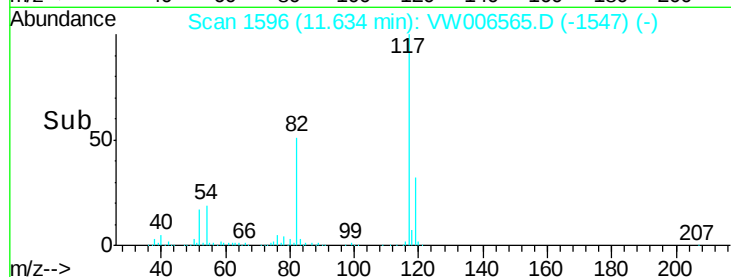
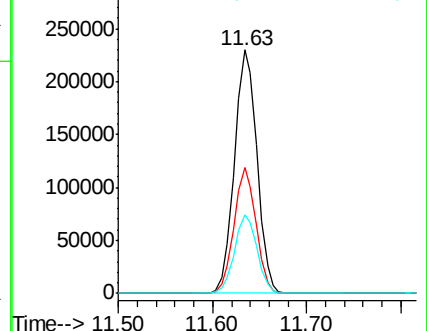
119 32.4 26.1 39.1



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# 1913

Delta R.T. 0.00 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

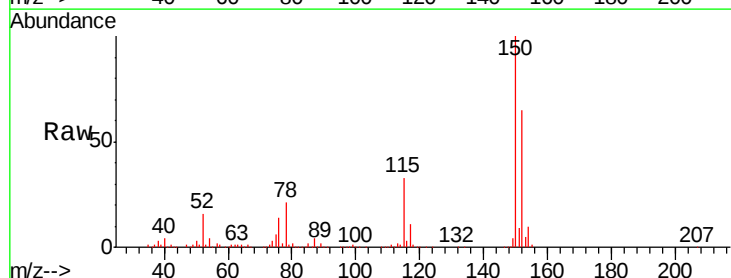
Tgt Ion:152 Resp: 178492

Ion Ratio Lower Upper

152 100

115 52.8 26.6 79.8

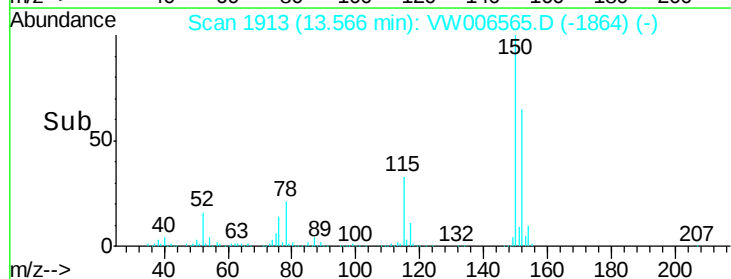
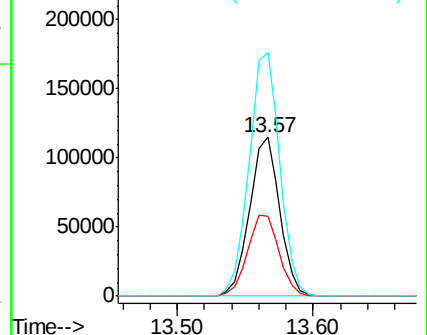
150 156.7 0.0 344.6

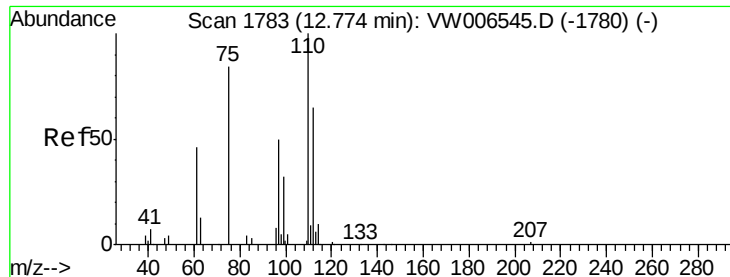


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 45.52 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

Instrument :

MSVOA_W

ClientSampleId :

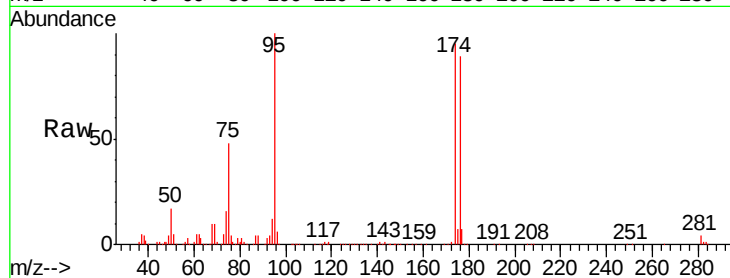
B-2-13.5-14

Tgt Ion: 75 Resp: 63398

Ion Ratio Lower Upper

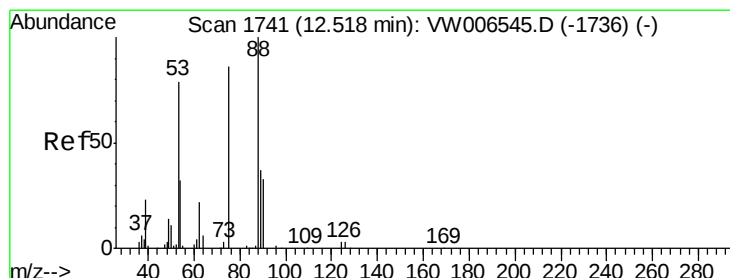
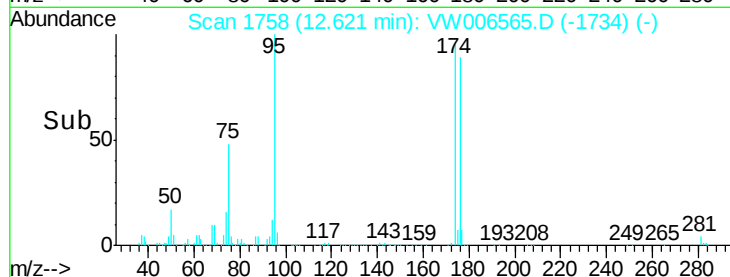
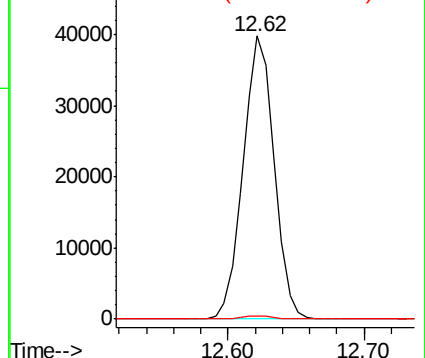
75 100

77 1.1 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: 114.28 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006565.D

Acq: 01 Nov 2018 17:50

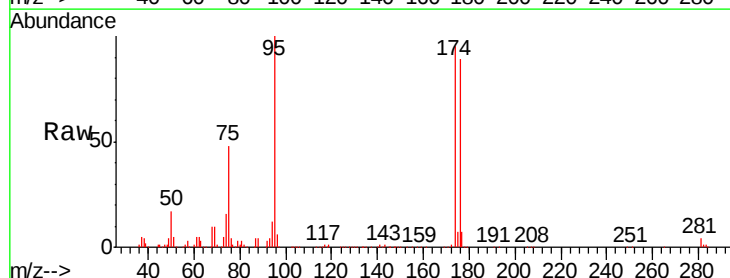
Tgt Ion: 75 Resp: 63398

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

