

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
 Data File : VW005333.D
 Acq On : 12 Sep 2018 18:31
 Operator : SY/AP
 Sample : J4838-06
 Misc : 4.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-3

Quant Time: Sep 13 01:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	353911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	528171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	484739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209449	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	139430	52.82	ug/l	0.00
Spiked Amount						
			Recovery	=	105.64%	
35) Dibromofluoromethane	7.89	113	124664	45.06	ug/l	0.00
Spiked Amount						
			Recovery	=	90.12%	
50) Toluene-d8	10.33	98	516722	36.96	ug/l	0.00
Spiked Amount						
			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	12.62	95	164410	32.15	ug/l	0.00
Spiked Amount						
			Recovery	=	64.30%	

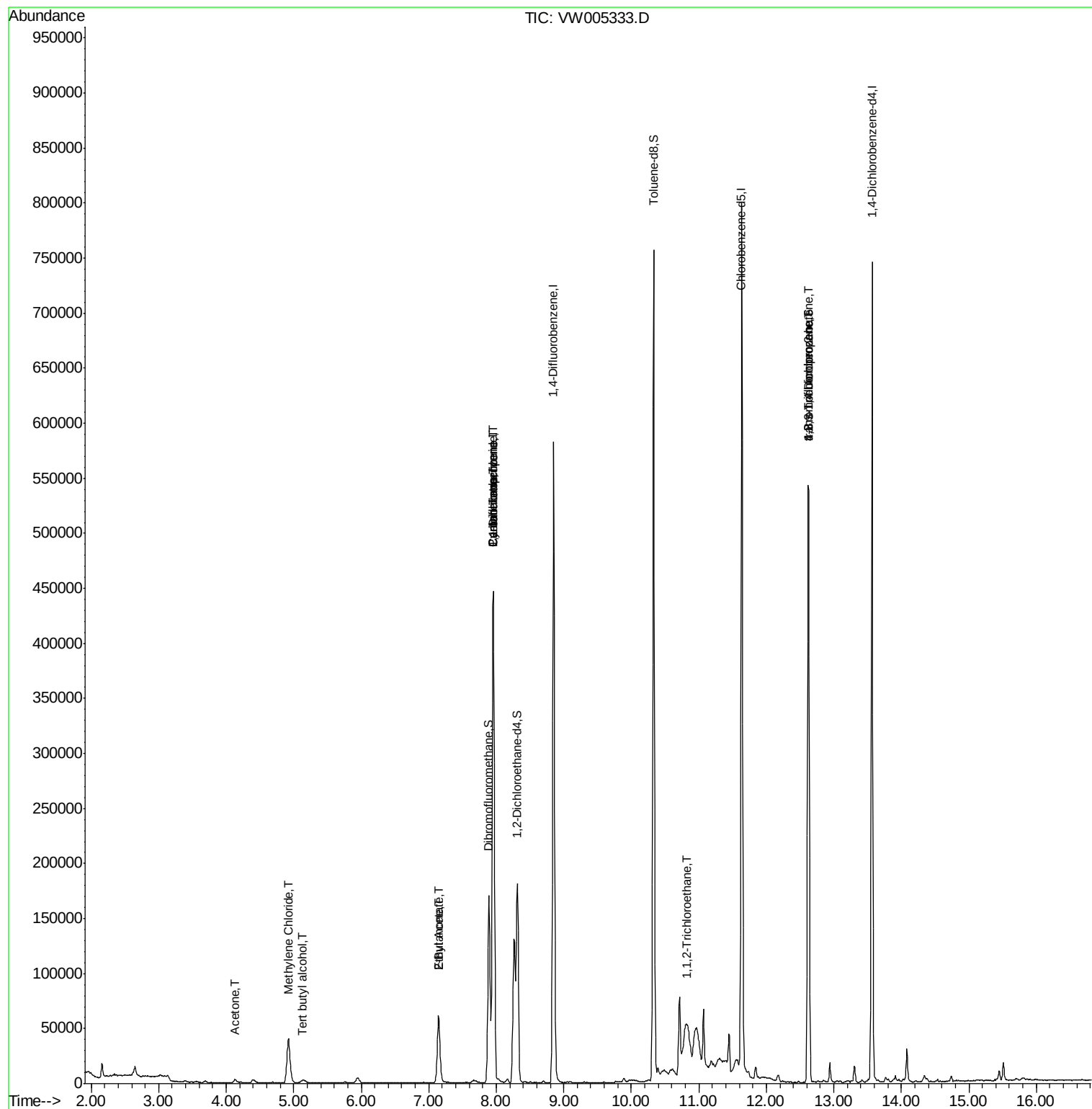
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	545	Below Cal	#	9
11) Tert butyl alcohol	5.13	59	1899	8.772	ug/l #	73
16) Acetone	4.14	43	5495	11.215	ug/l #	82
20) Methylene Chloride	4.92	84	34464	6.607	ug/l	97
25) 2-Butanone	7.15	43	3298	4.267	ug/l #	76
31) Cyclohexane	7.96	56	16218	2.871	ug/l #	36
36) 1,1-Dichloropropene	7.96	75	22520	4.654	ug/l #	51
37) Ethyl Acetate	7.15	43	3298	1.792	ug/l #	1
38) Carbon Tetrachloride	7.95	117	31049	6.850	ug/l #	17
55) 1,1,2-Trichloroethane	10.82	97	8399	3.141	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75435	46.826	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75435	109.816	ug/l #	16

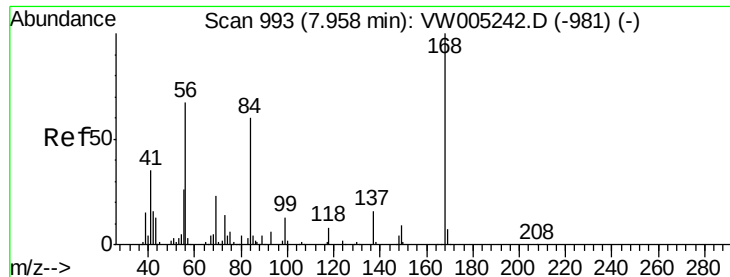
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

Instrument :

MSVOA_W

ClientSampleId :

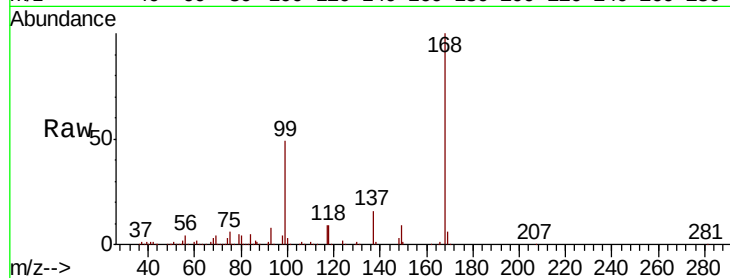
SUP-1B-G-090718-3

Tgt Ion:168 Resp: 353911

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

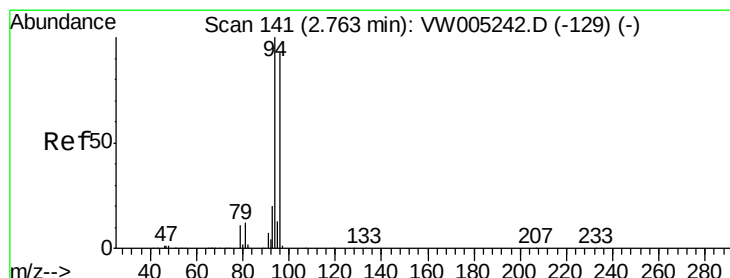
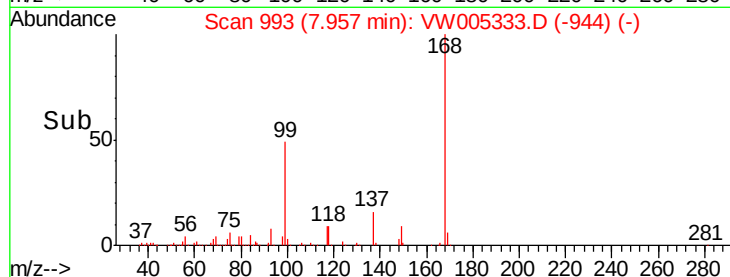
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005333.D

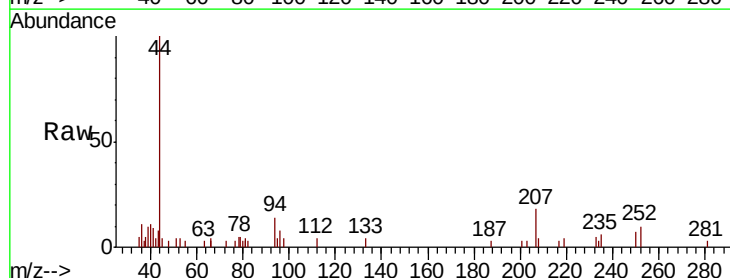
Acq: 12 Sep 2018 18:31

Tgt Ion: 94 Resp: 545

Ion Ratio Lower Upper

94 100

96 5.8 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

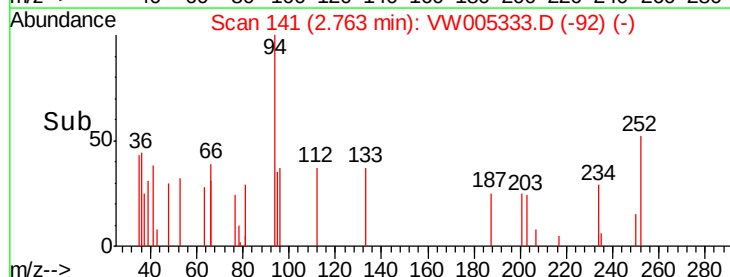
300

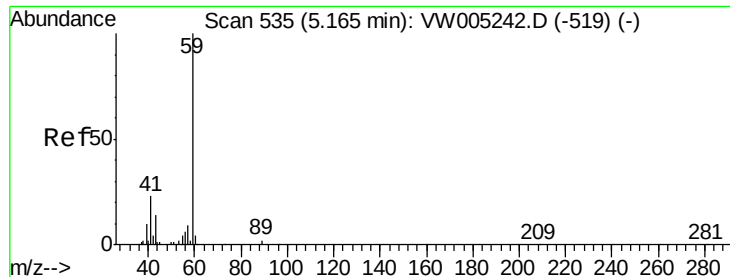
200

100

0

Time--> 2.70 2.75 2.80

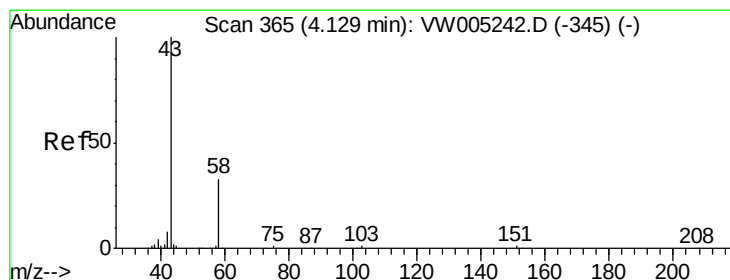
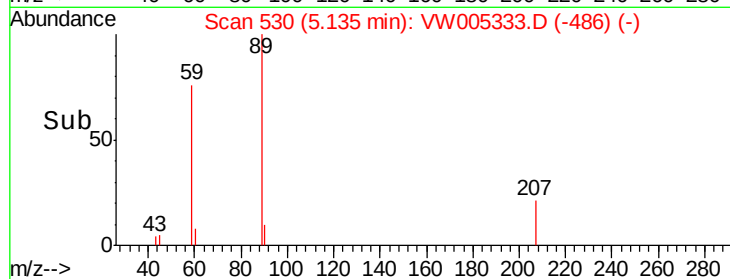
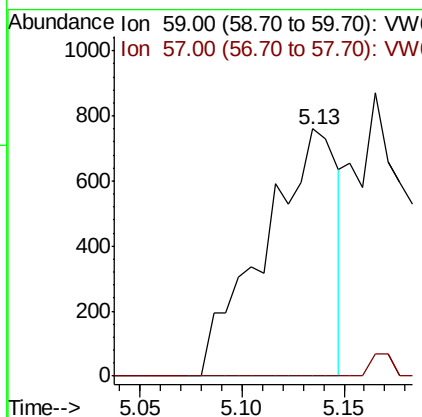
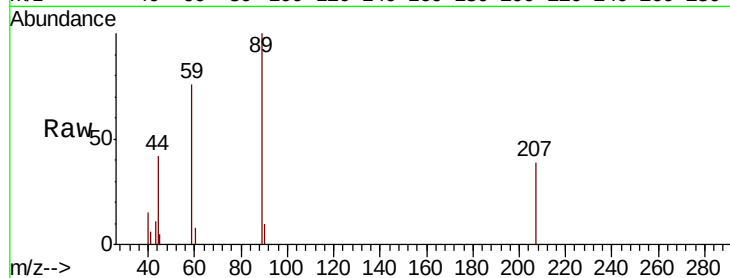




#11
Tert butyl alcohol
Concen: 8.772 ug/l
RT: 5.13 min Scan# 530
Delta R.T. -0.03 min
Lab File: VW005333.D
Acq: 12 Sep 2018 18:31

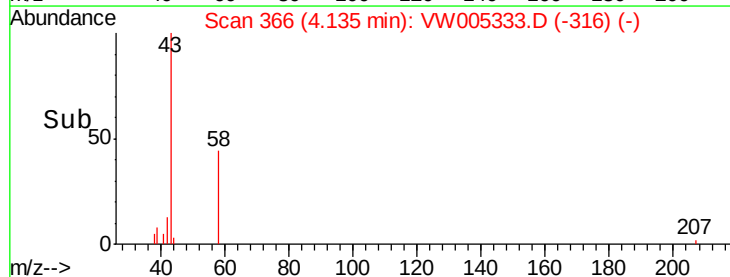
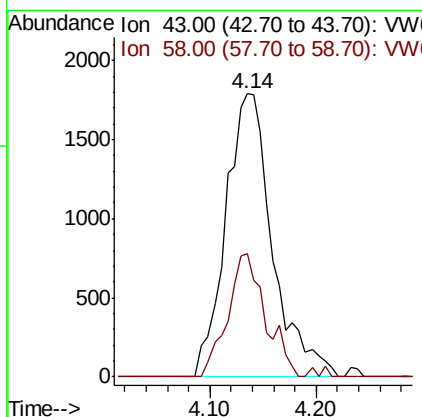
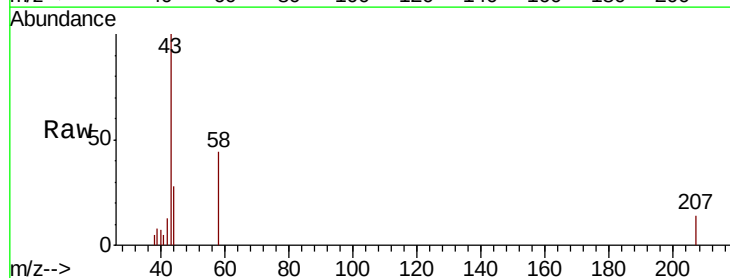
Instrument :
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SUP-1B-G-090718-3

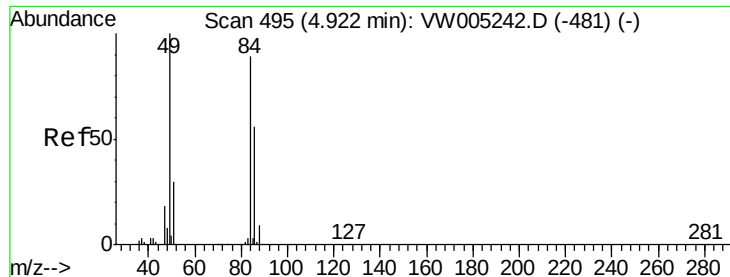
Tgt Ion: 59 Resp: 1899
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 11.215 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005333.D
Acq: 12 Sep 2018 18:31

Tgt Ion: 43 Resp: 5495
Ion Ratio Lower Upper
43 100
58 43.6 26.7 40.1#

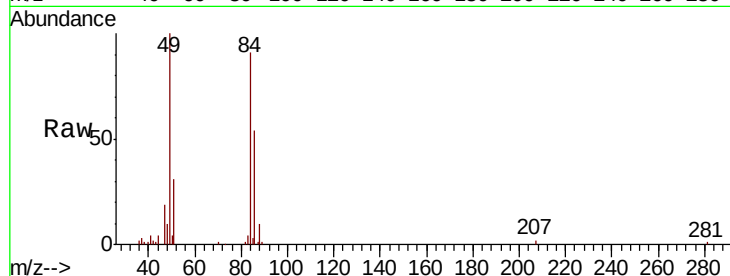




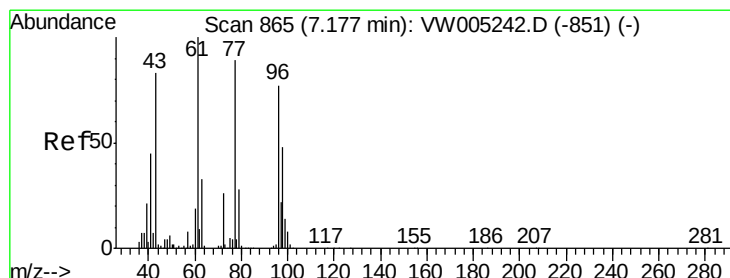
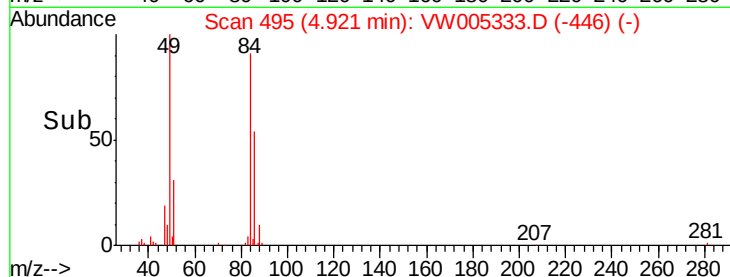
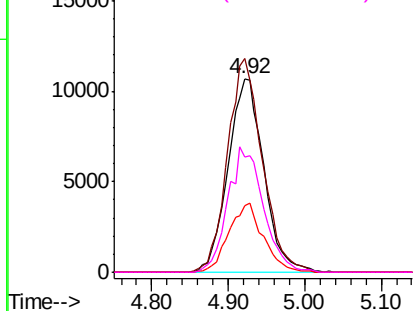
#20
Methylene Chloride
Concen: 6.607 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005333.D
Acq: 12 Sep 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
SUP-1B-G-090718-3

Tgt Ion:	84	Resp:	34464
Ion	Ratio	Lower	Upper
84	100		
49	110.2	90.3	135.5
51	34.5	26.9	40.3
86	59.6	50.8	76.2

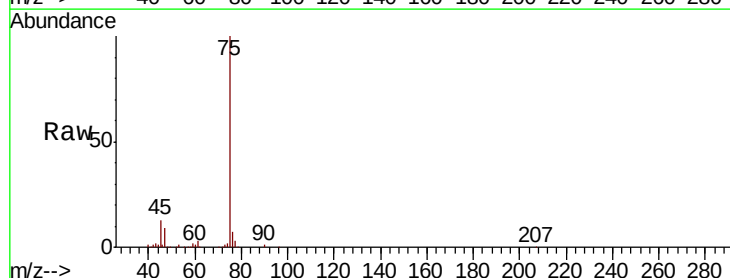


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

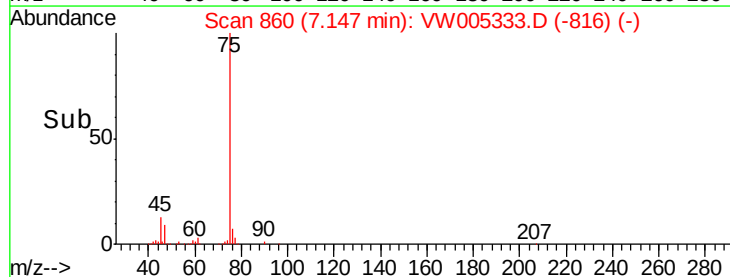
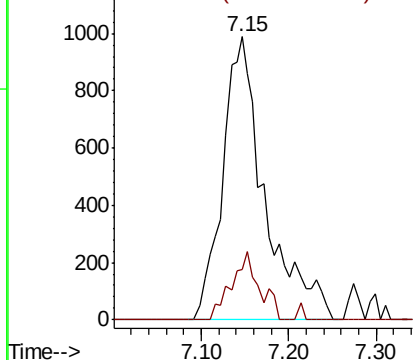


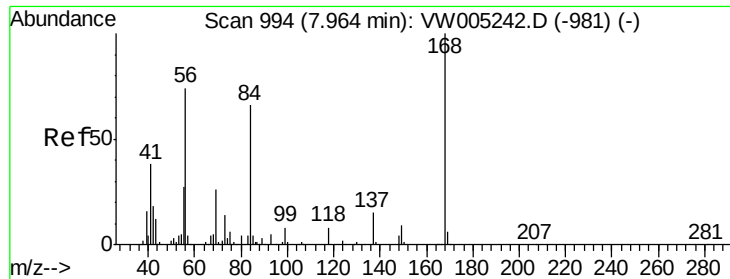
#25
2-Butanone
Concen: 4.267 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005333.D
Acq: 12 Sep 2018 18:31

Tgt Ion:	43	Resp:	3298
Ion	Ratio	Lower	Upper
43	100		
72	17.9	25.0	37.6#



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

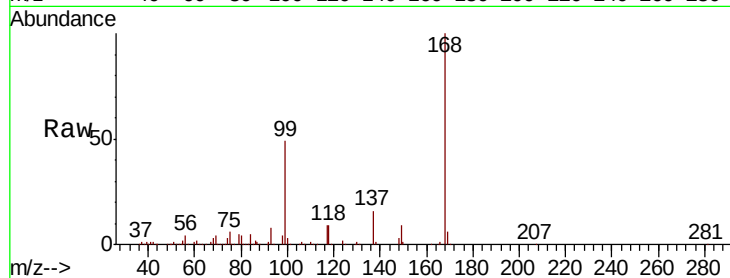




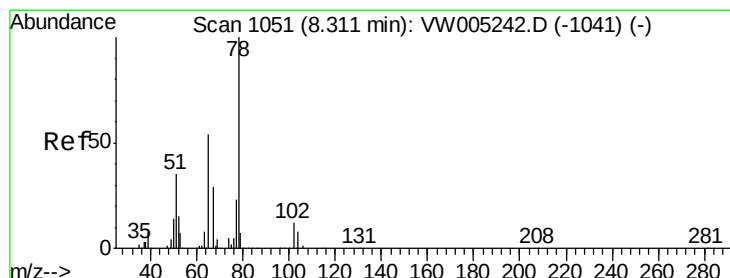
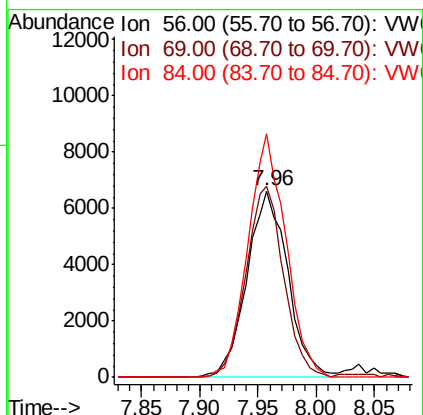
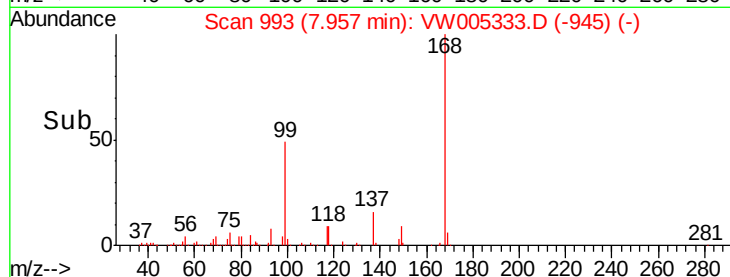
#31
Cyclohexane
Concen: 2.871 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005333.D
Acq: 12 Sep 2018 18:31

Instrument :
MSVOA_W
ClientSampleId :
SUP-1B-G-090718-3

Tgt Ion: 56 Resp: 16218
Ion Ratio Lower Upper
56 100
69 102.5 27.8 41.8#
84 130.9 72.1 108.1#

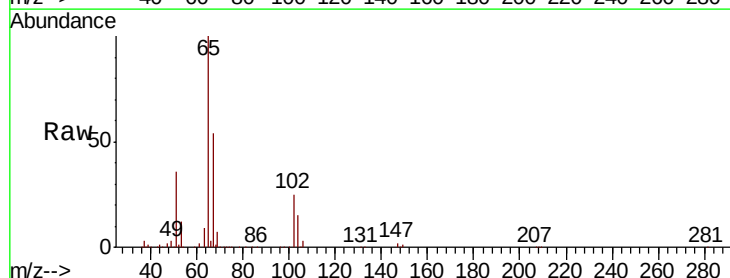


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

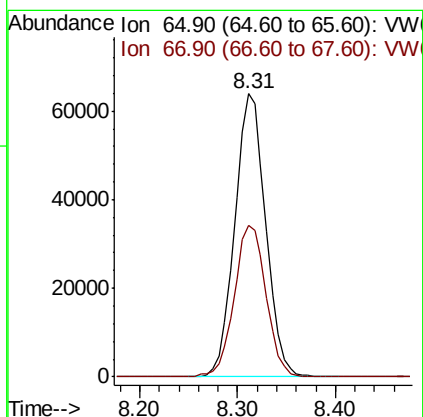
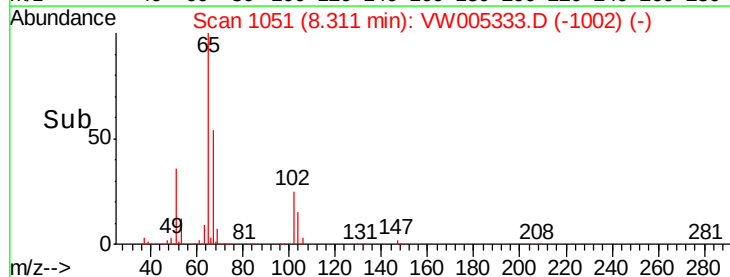


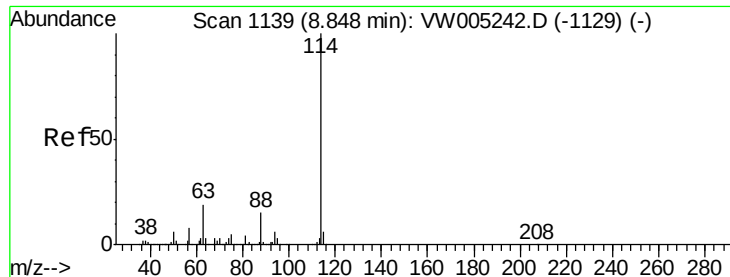
#33
1,2-Dichloroethane-d4
Concen: 52.821 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005333.D
Acq: 12 Sep 2018 18:31

Tgt Ion: 65 Resp: 139430
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

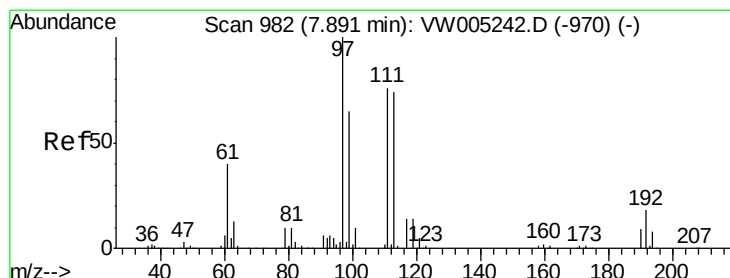
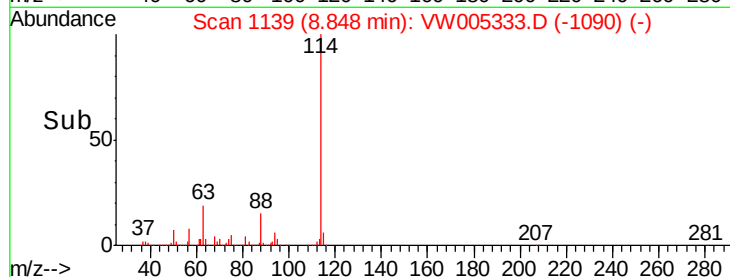
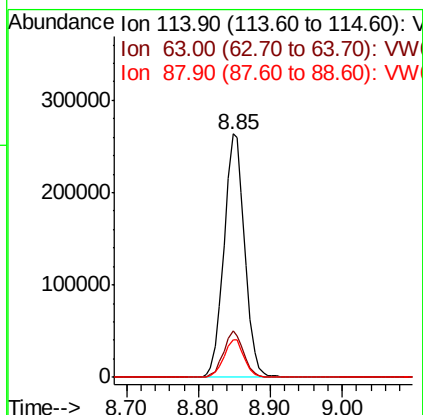
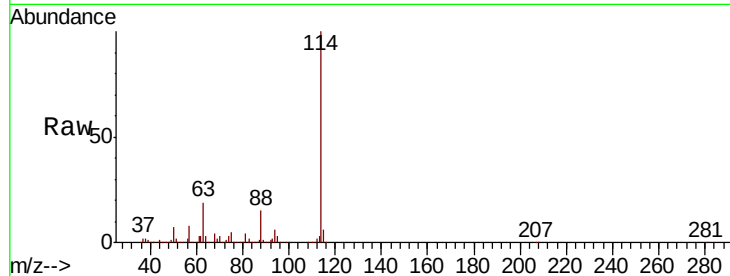




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005333.D
 Acq: 12 Sep 2018 18:31

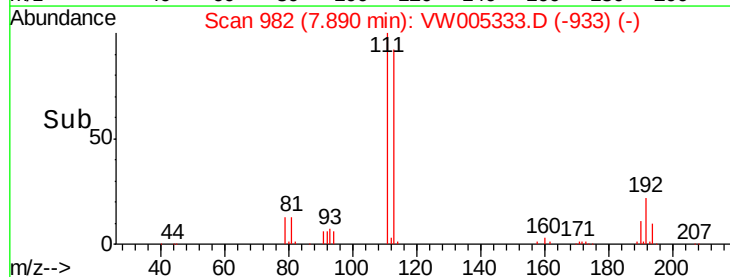
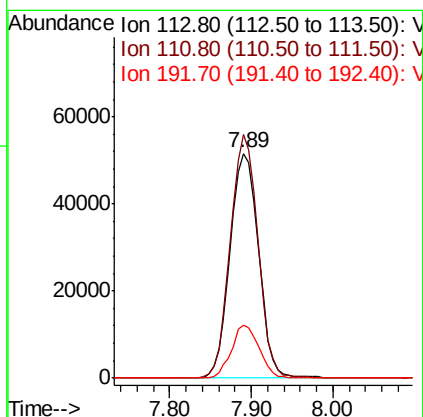
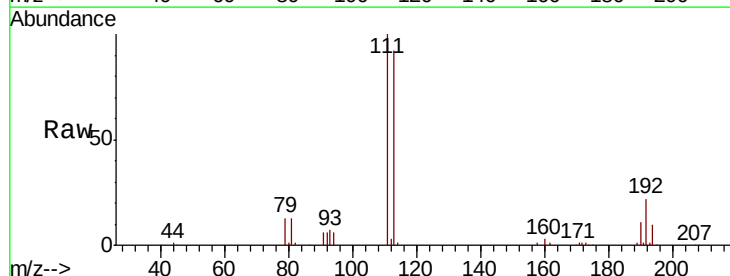
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-3

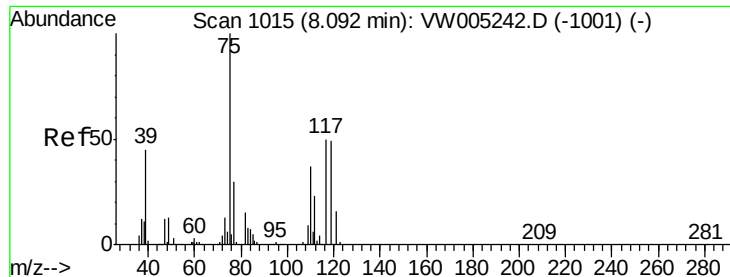
Tgt Ion:114 Resp: 528171
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 15.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.058 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005333.D
 Acq: 12 Sep 2018 18:31

Tgt Ion:113 Resp: 124664
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.6 121.0
 192 22.8 18.3 27.5





#36

1,1-Dichloropropene

Concen: 4.654 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-3

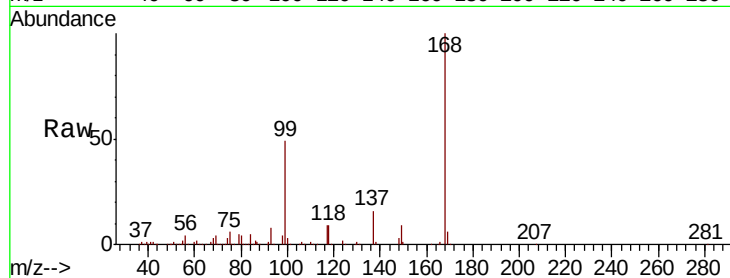
Tgt Ion: 75 Resp: 22520

Ion Ratio Lower Upper

75 100

110 10.6 18.8 56.4#

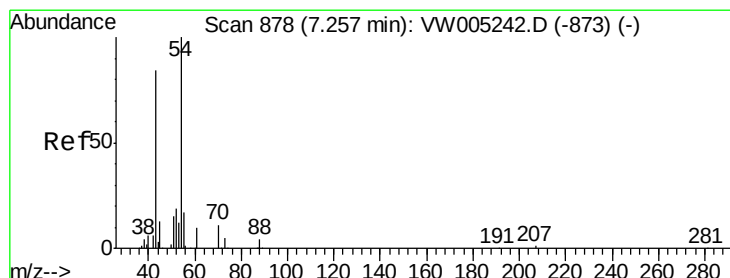
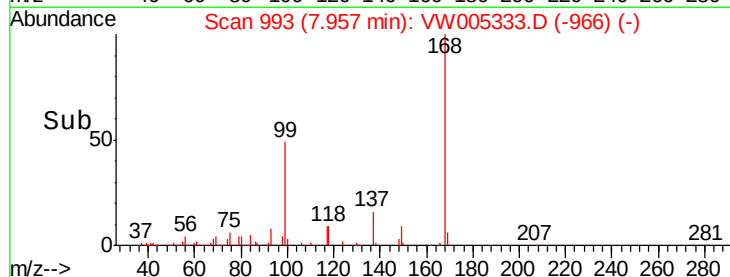
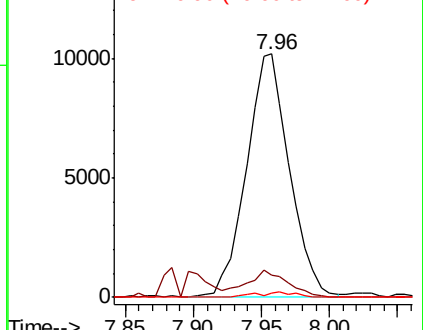
77 2.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 1.792 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.11 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

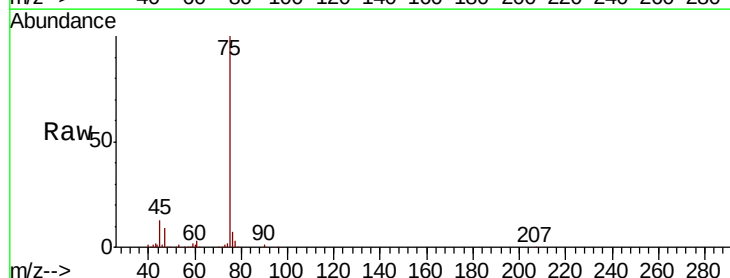
Tgt Ion: 43 Resp: 3298

Ion Ratio Lower Upper

43 100

61 94.2 12.3 18.5#

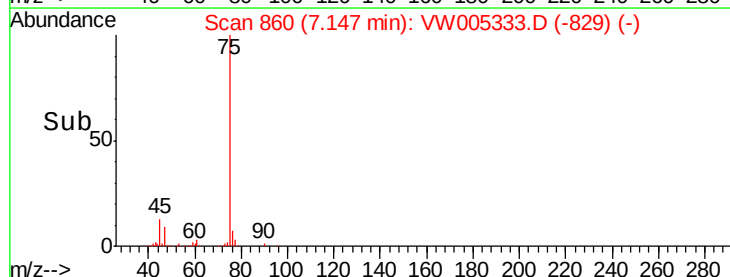
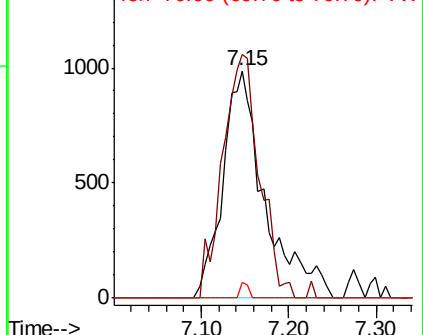
70 1.4 9.5 14.3#

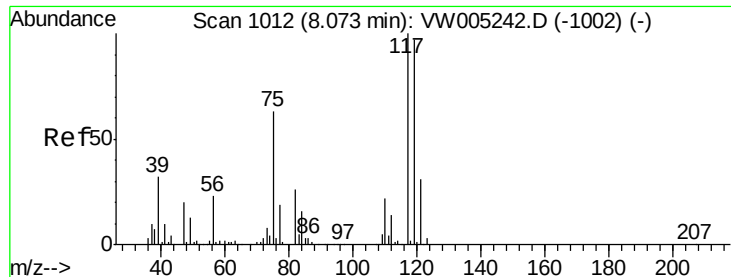


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 6.850 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

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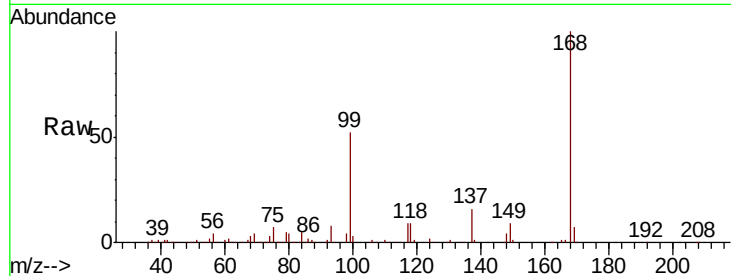
Tgt Ion:117 Resp: 31049

Ion Ratio Lower Upper

117 100

119 7.0 77.5 116.3#

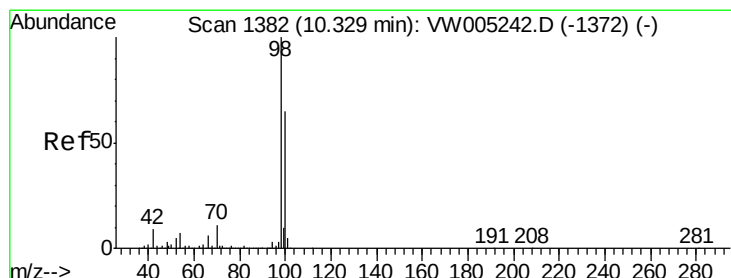
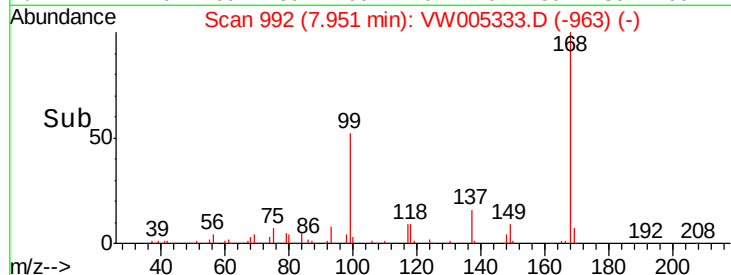
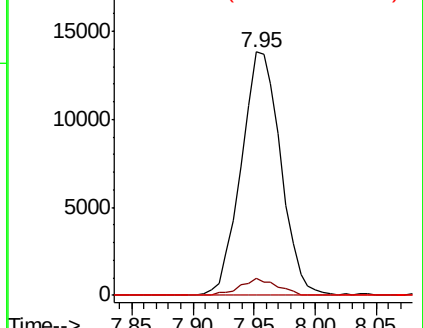
121 0.0 24.7 37.1#



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: 36.959 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005333.D

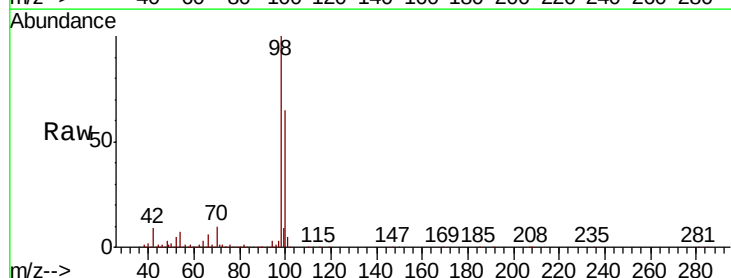
Acq: 12 Sep 2018 18:31

Tgt Ion: 98 Resp: 516722

Ion Ratio Lower Upper

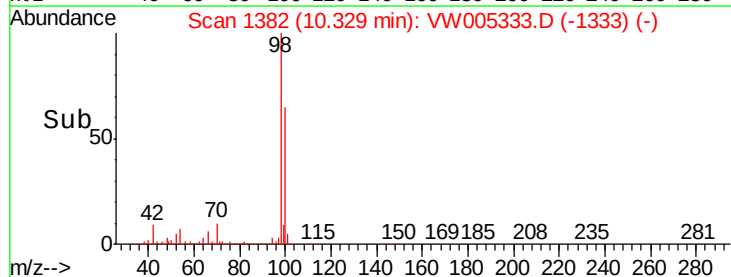
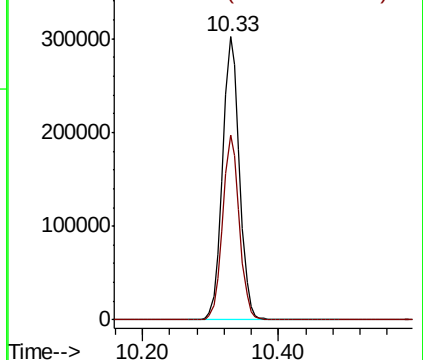
98 100

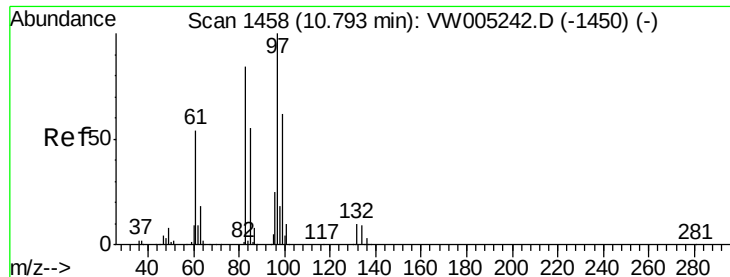
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#55

1,1,2-Trichloroethane

Concen: 3.141 ug/l

RT: 10.82 min Scan# 1462

Delta R.T. 0.02 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-3

Tgt Ion: 97 Resp: 8399

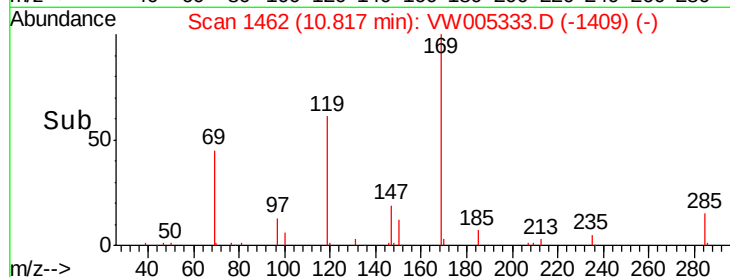
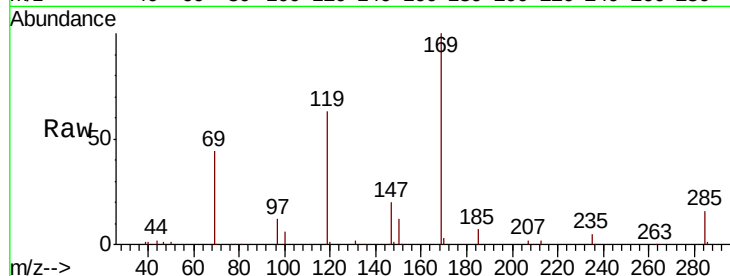
Ion Ratio Lower Upper

97 100

83 0.0 67.2 100.8#

85 0.0 44.4 66.6#

99 0.0 49.2 73.8#

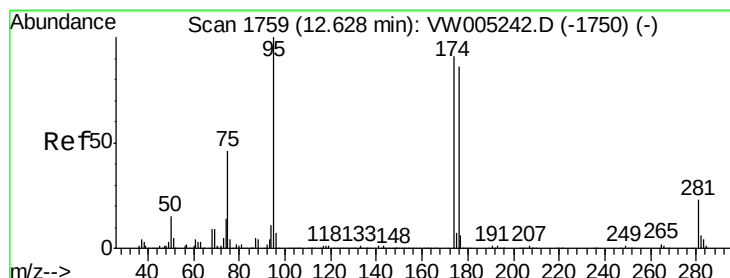
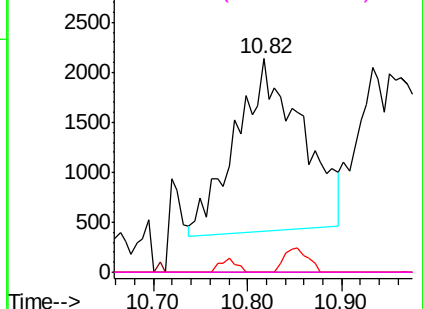


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#62

4-Bromofluorobenzene

Concen: 32.150 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

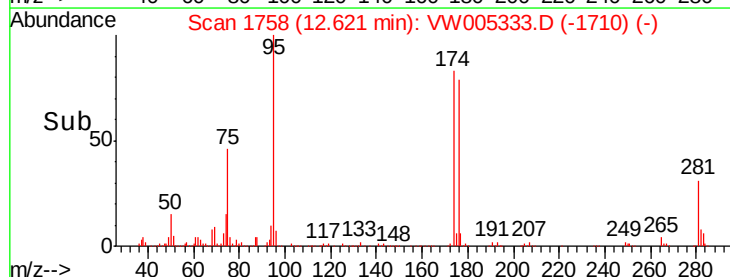
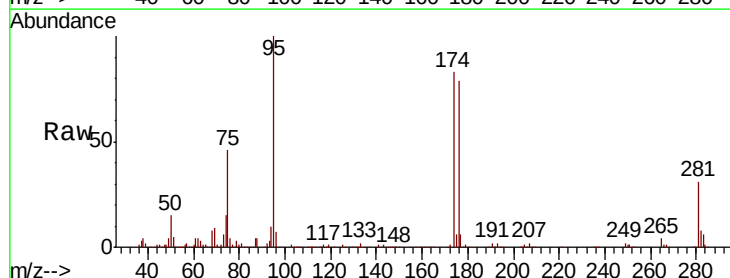
Tgt Ion: 95 Resp: 164410

Ion Ratio Lower Upper

95 100

174 90.3 0.0 174.6

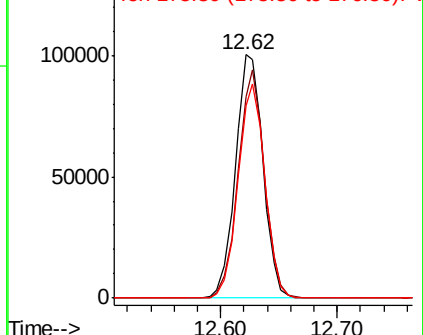
176 86.2 0.0 167.6

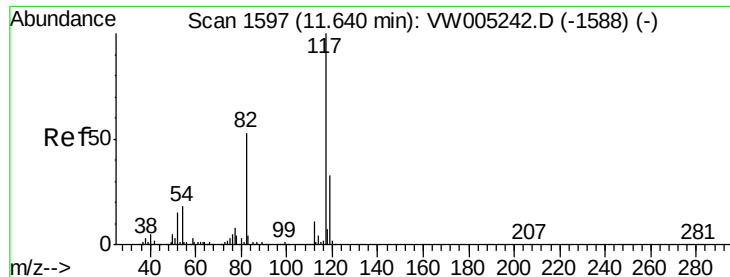


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

Instrument :

MSVOA_W

ClientSampleId :

SUP-1B-G-090718-3

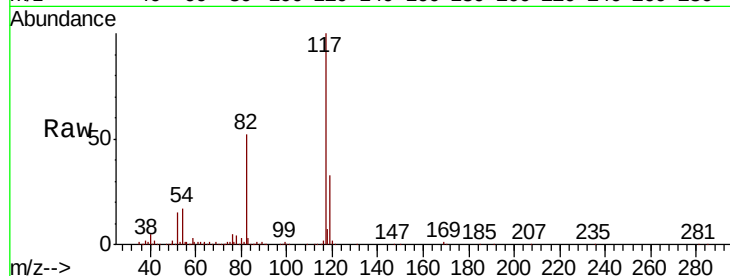
Tgt Ion:117 Resp: 484739

Ion Ratio Lower Upper

117 100

82 52.0 42.6 63.8

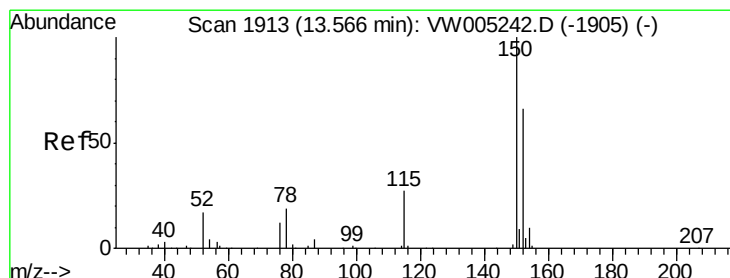
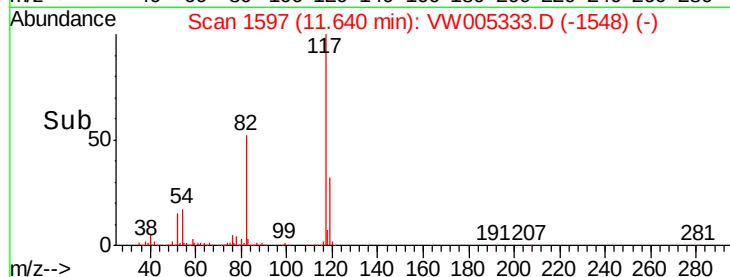
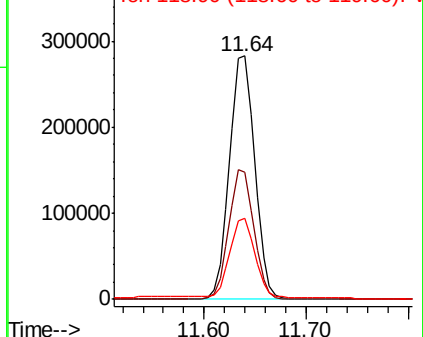
119 32.9 26.2 39.4



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: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005333.D

Acq: 12 Sep 2018 18:31

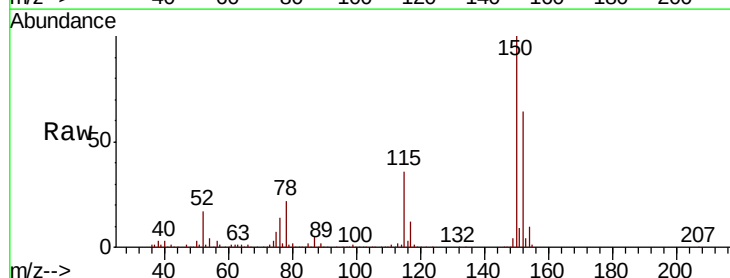
Tgt Ion:152 Resp: 209449

Ion Ratio Lower Upper

152 100

115 56.6 27.5 82.4

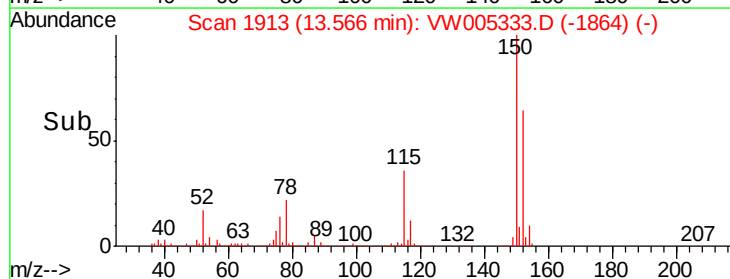
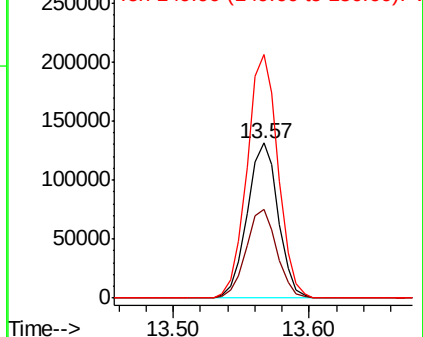
150 157.3 0.0 347.4

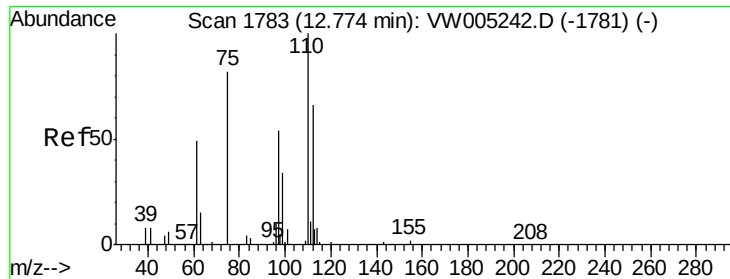


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

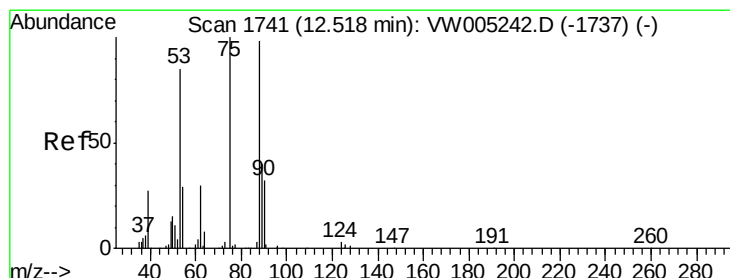
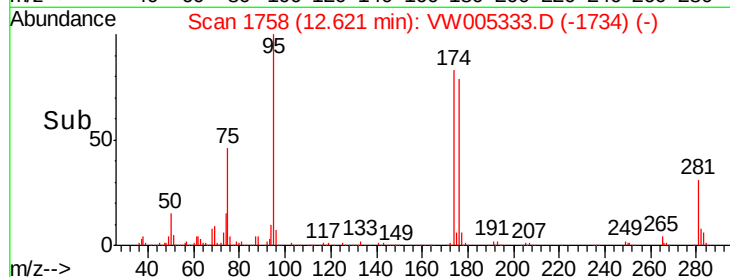
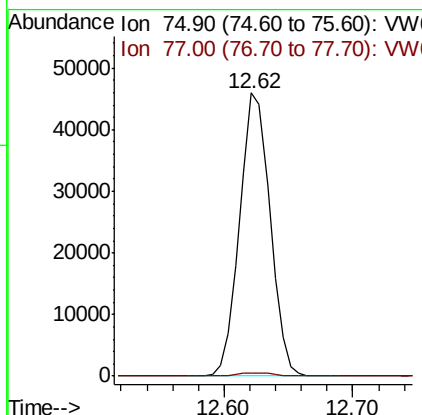
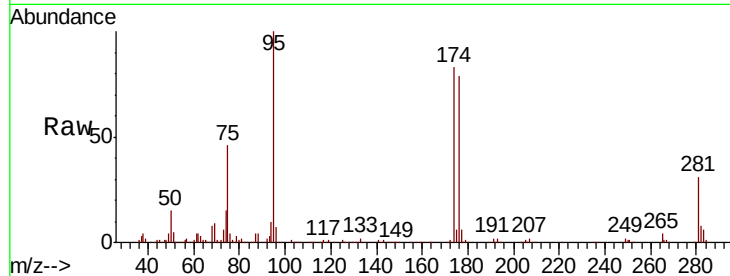




#76
 1,2,3-Trichloropropane
 Concen: 46.826 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005333.D
 Acq: 12 Sep 2018 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1B-G-090718-3

Tgt Ion: 75 Resp: 75435
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.816 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005333.D
 Acq: 12 Sep 2018 18:31

Tgt Ion: 75 Resp: 75435
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.0 100.6#
 89 0.2 37.0 55.4#

