

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006718.D
 Acq On : 07 Nov 2018 06:46
 Operator : SY/AP
 Sample : J5765-01
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-110518

Quant Time: Nov 07 11:34:12 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

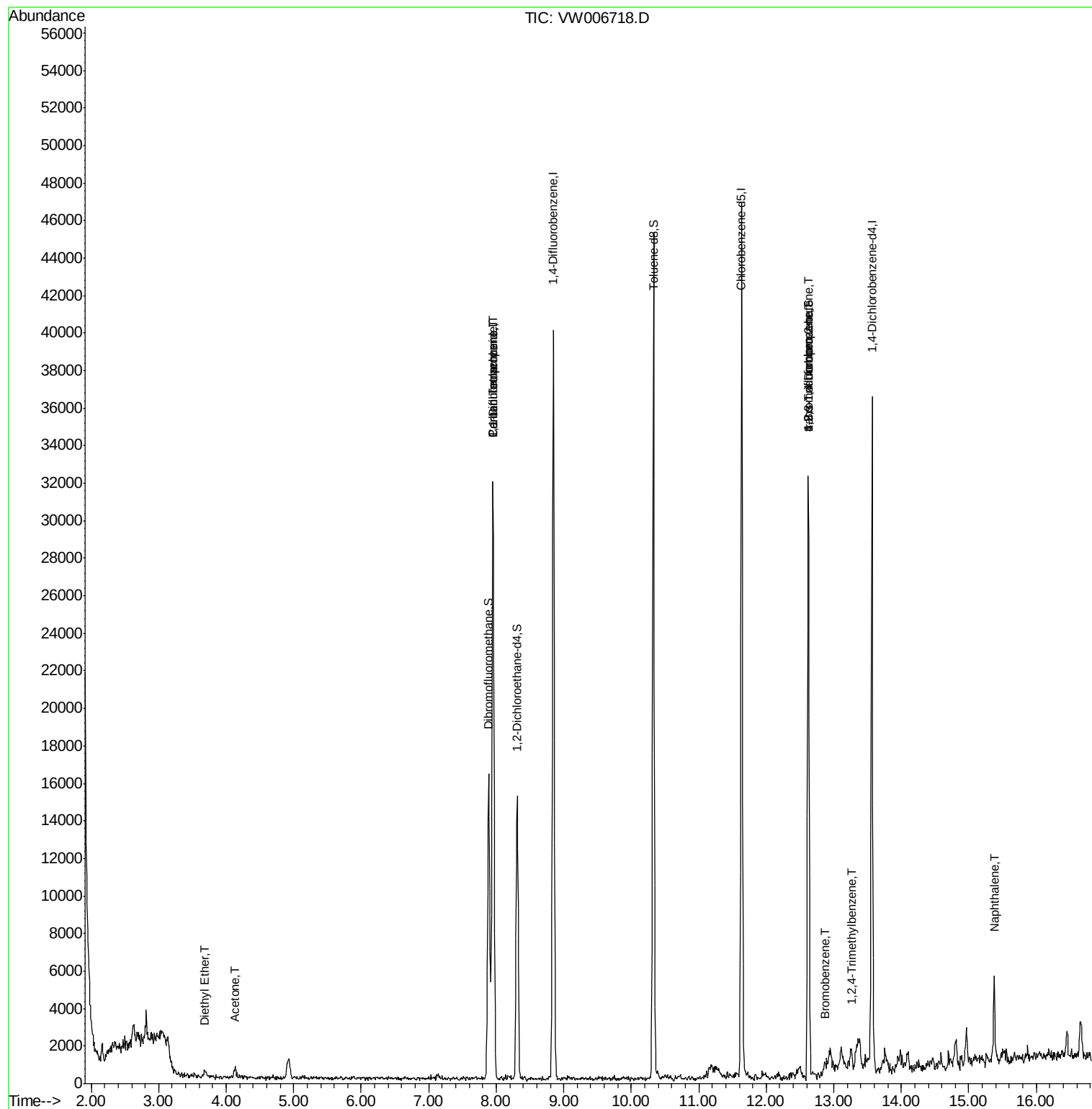
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	36526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	27976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11951	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	7.89	113	11609	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.33	98	31686	36.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.62%	
62) 4-Bromofluorobenzene	12.62	95	9837	31.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.18%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	134	1.167	ug/l	98
16) Acetone	4.14	43	882	23.938	ug/l	96
20) Methylene Chloride	4.92	84	1030	Below Cal		90
36) 1,1-Dichloropropene	7.95	75	1765	5.495	ug/l #	44
38) Carbon Tetrachloride	7.95	117	2461	7.332	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	4966	59.713	ug/l #	100
77) Bromobenzene	12.88	156	223	1.227	ug/l #	3
81) trans-1,4-Dichloro-2-buten	12.62	75	4966	149.071	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	676	1.117	ug/l	95
95) Naphthalene	15.38	128	4278	11.115	ug/l #	93

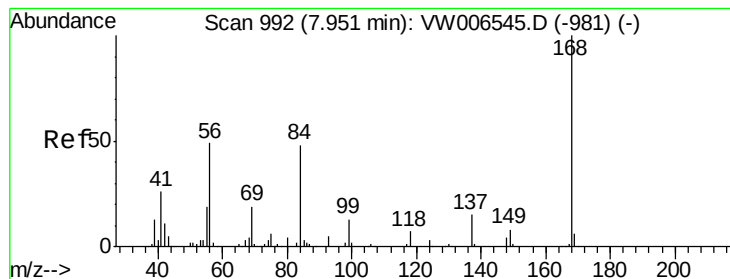
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

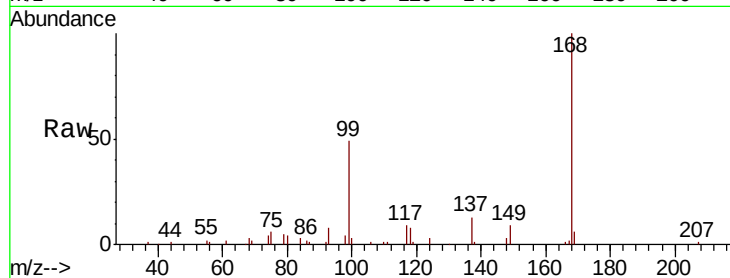
NB-08-110518

Tot Ion:168 Resp: 26549

Ion Ratio Lower Upper

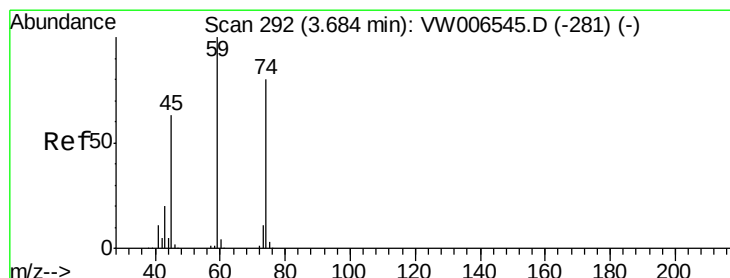
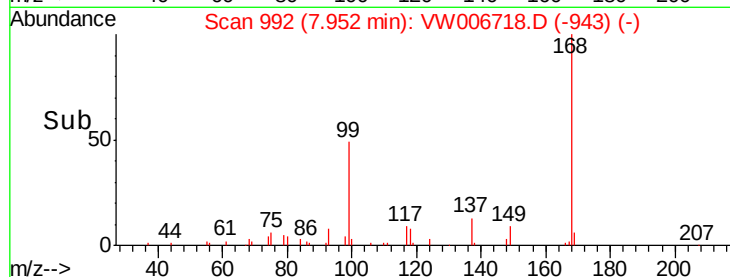
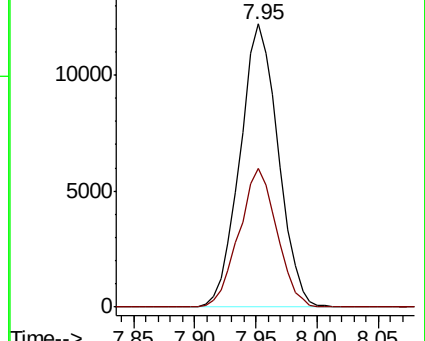
168 100

99 49.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.167 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006718.D

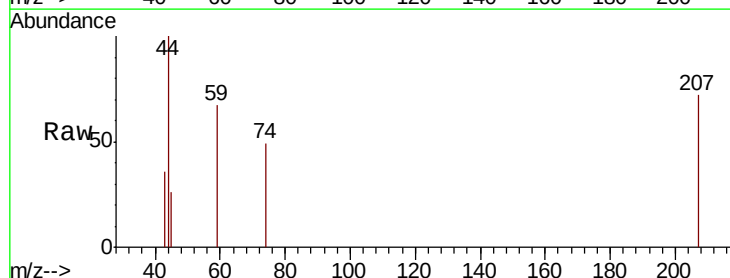
Acq: 07 Nov 2018 06:46

Tgt Ion: 74 Resp: 134

Ion Ratio Lower Upper

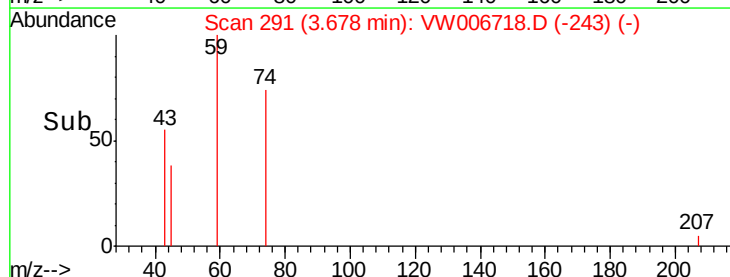
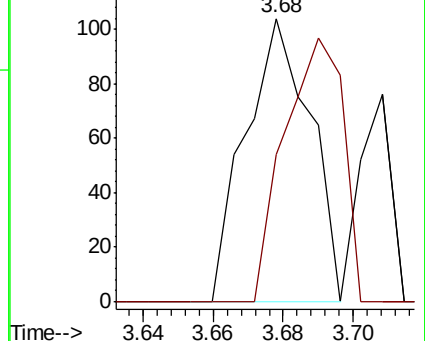
74 100

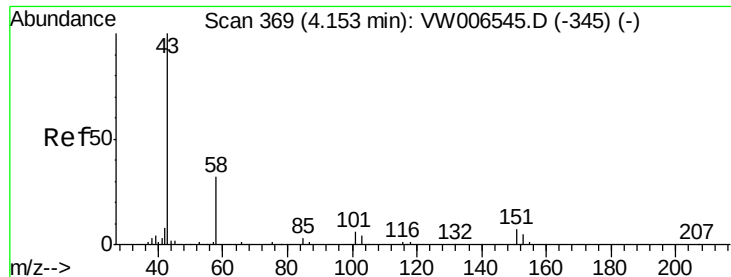
45 84.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 23.938 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

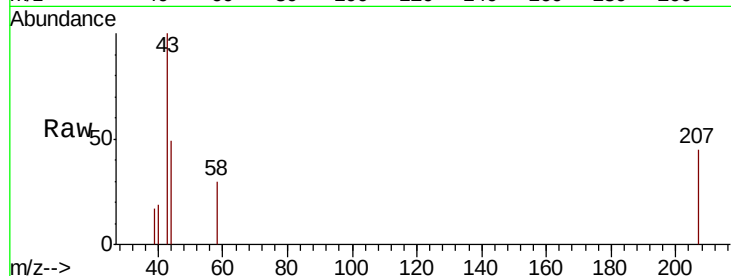
NB-08-110518

Tot Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

58 30.2 25.8 38.8



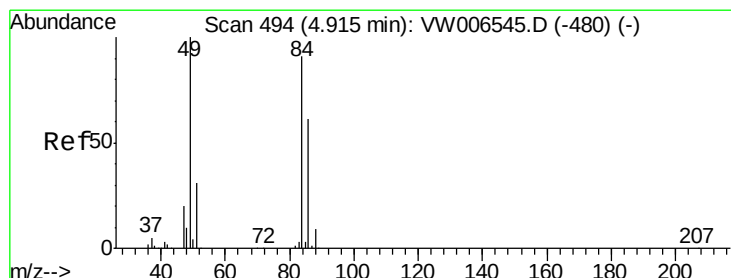
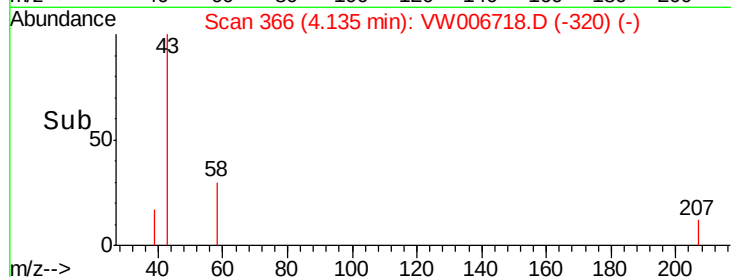
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Tgt Ion: 84 Resp: 1030

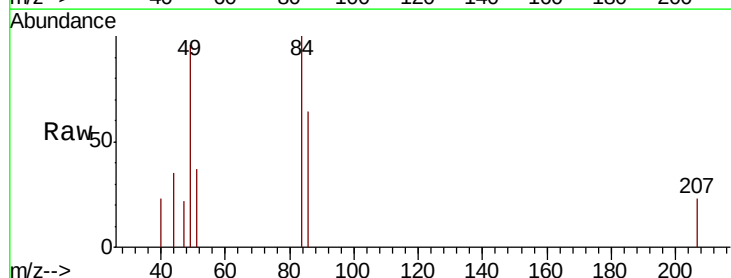
Ion Ratio Lower Upper

84 100

49 95.6 88.2 132.4

51 37.2 27.0 40.6

86 63.7 53.8 80.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

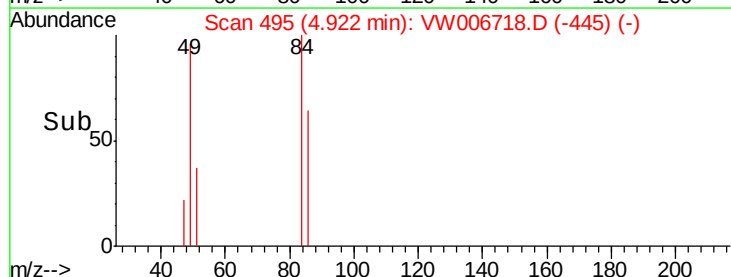
Ion 50.90 (50.60 to 51.60): VW

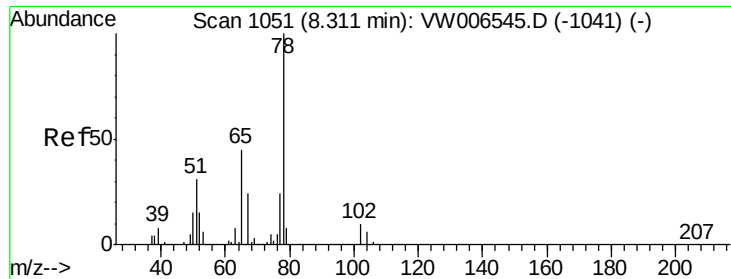
Ion 85.90 (85.60 to 86.60): VW

4.92

4.85 4.90 4.95 5.00

Time-->

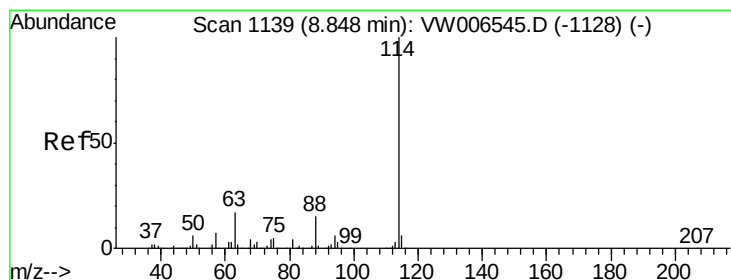
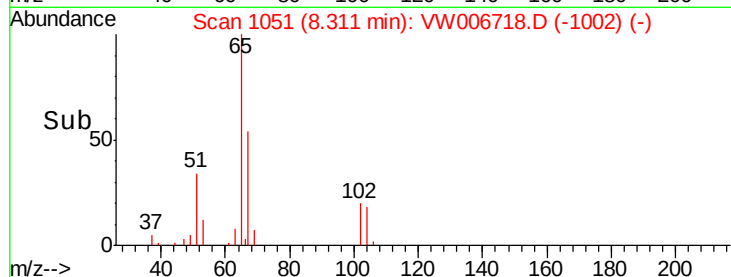
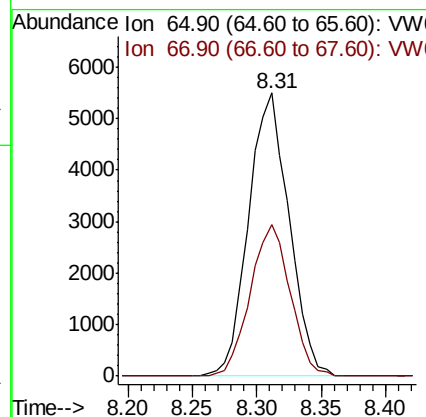
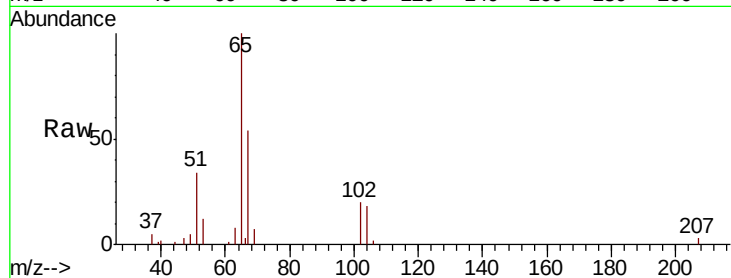




#33
 1,2-Dichloroethane-d4
 Concen: 52.368 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006718.D
 Acq: 07 Nov 2018 06:46

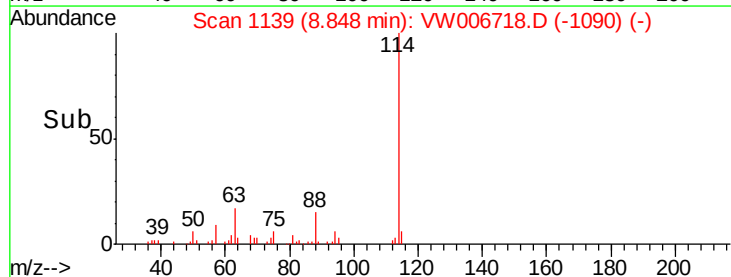
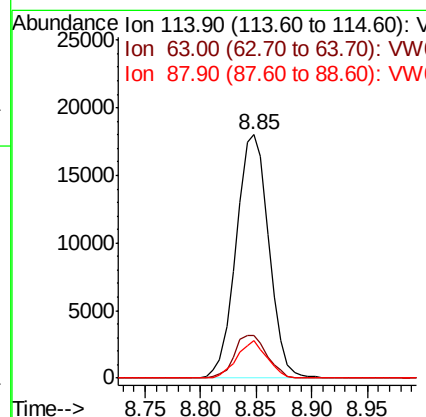
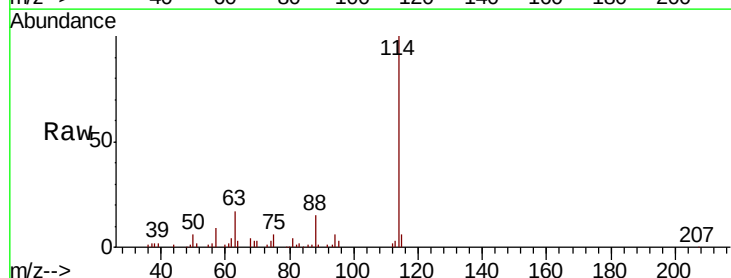
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-110518

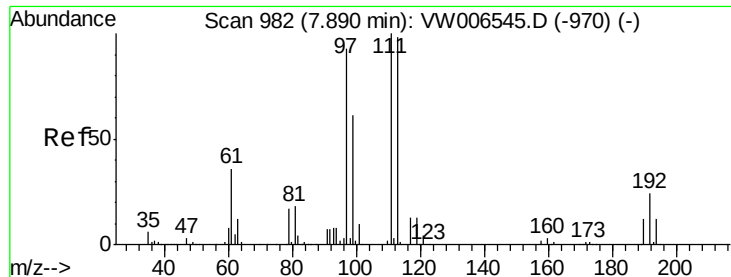
Tot Ion: 65 Resp: 11951
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006718.D
 Acq: 07 Nov 2018 06:46

Tgt Ion: 114 Resp: 36526
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.644 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

NB-08-110518

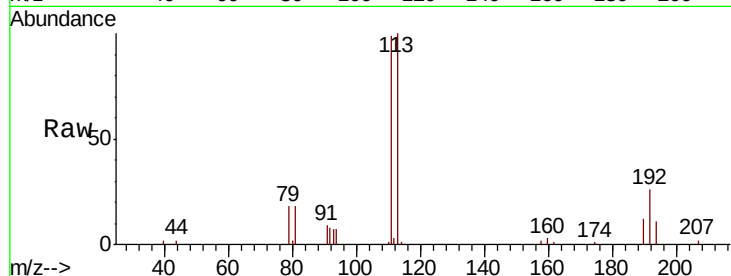
Tot Ion:113 Resp: 11609

Ion Ratio Lower Upper

113 100

111 99.2 82.2 123.2

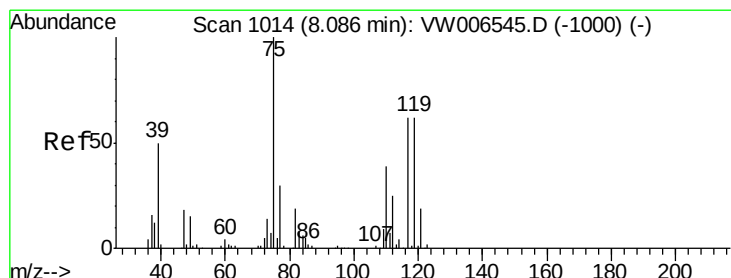
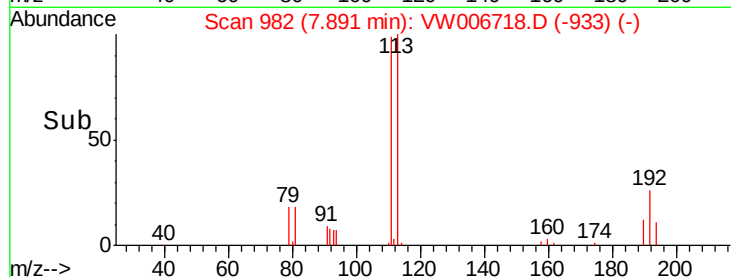
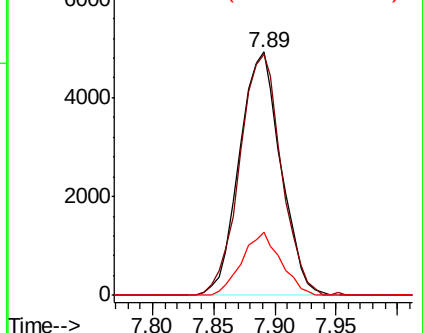
192 24.0 19.0 28.6



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: 5.495 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

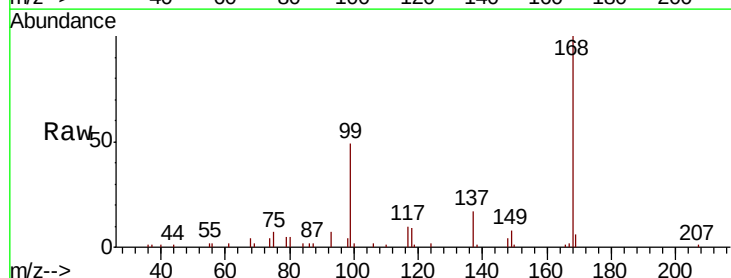
Tgt Ion: 75 Resp: 1765

Ion Ratio Lower Upper

75 100

110 4.6 19.5 58.5#

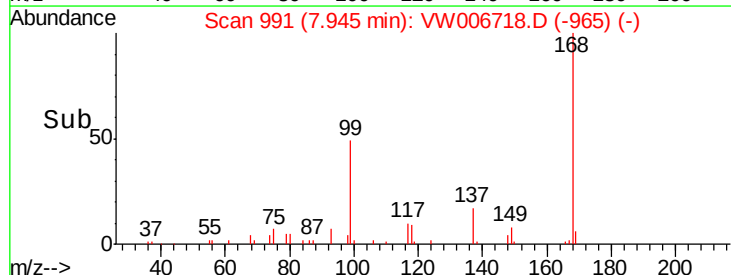
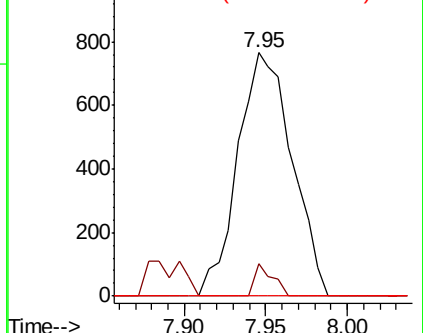
77 0.0 24.6 37.0#

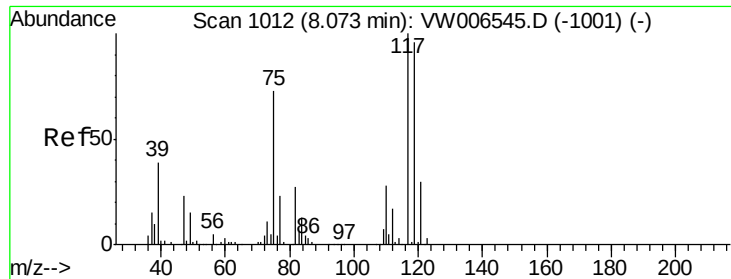


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.332 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

NB-08-110518

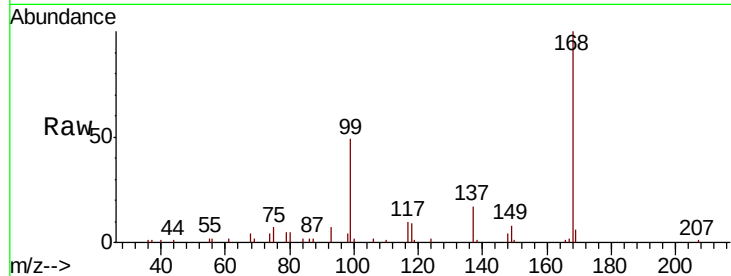
Tot Ion:117 Resp: 2461

Ion Ratio Lower Upper

117 100

119 7.3 76.3 114.5#

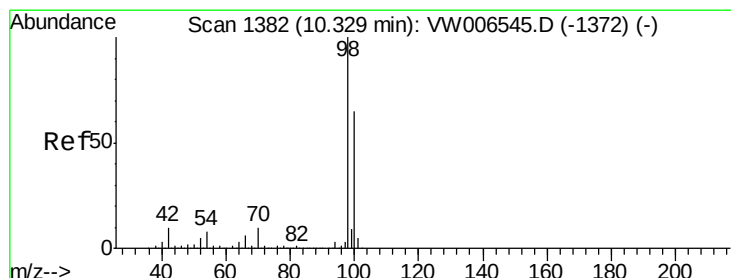
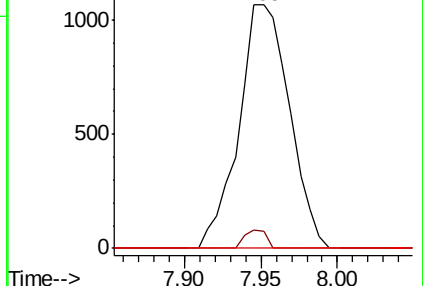
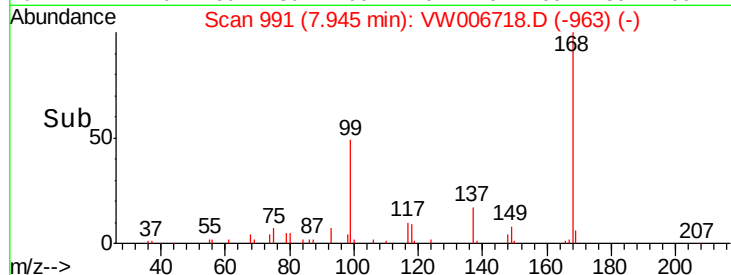
121 0.0 24.1 36.1#



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: 36.311 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006718.D

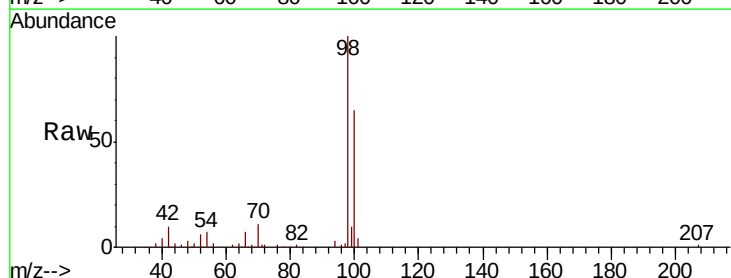
Acq: 07 Nov 2018 06:46

Tgt Ion: 98 Resp: 31686

Ion Ratio Lower Upper

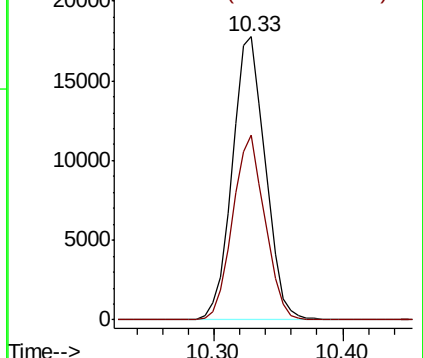
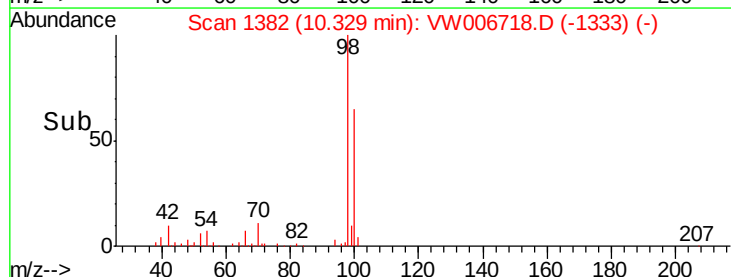
98 100

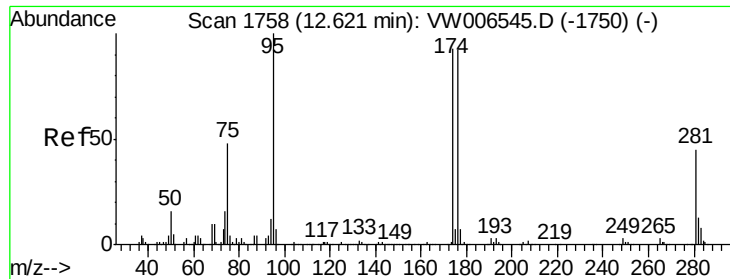
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

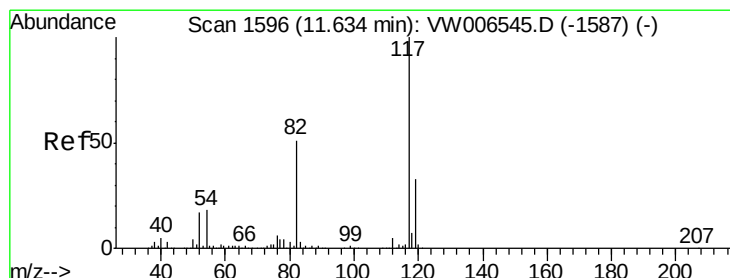
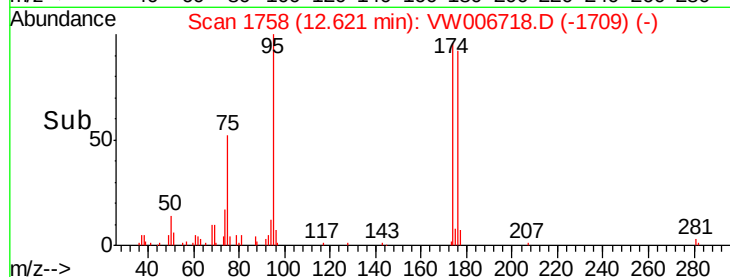
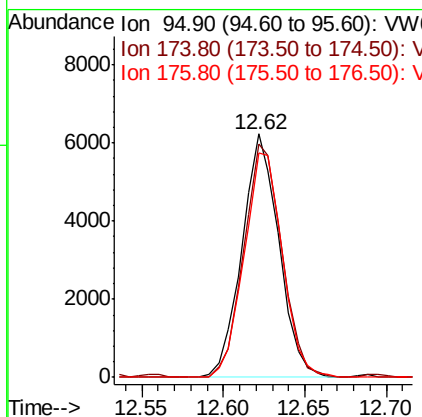
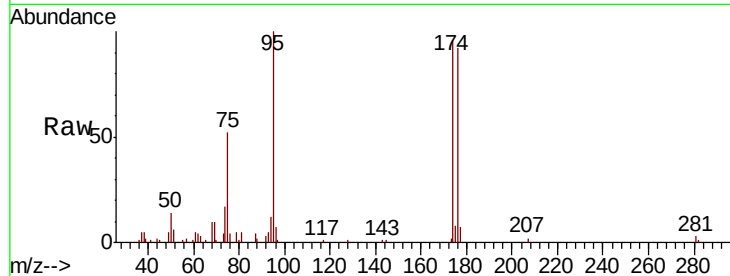




#62
4-Bromofluorobenzene
Concen: 31.094 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006718.D
Acq: 07 Nov 2018 06:46

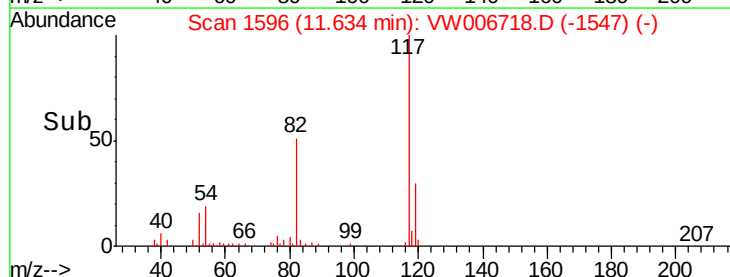
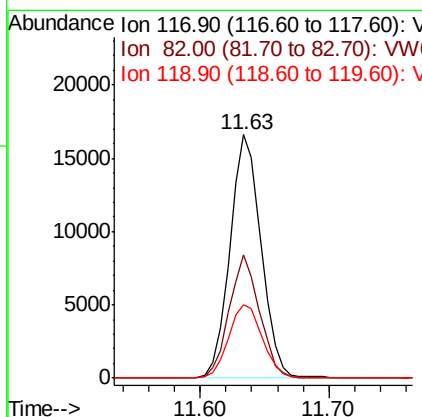
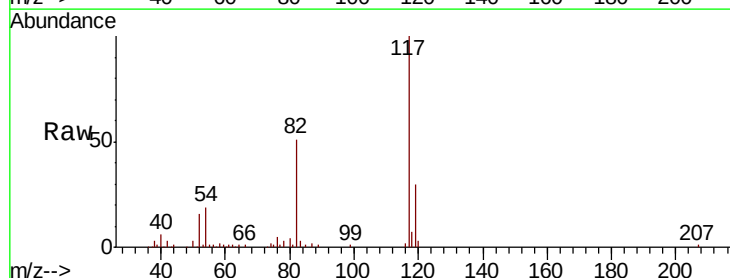
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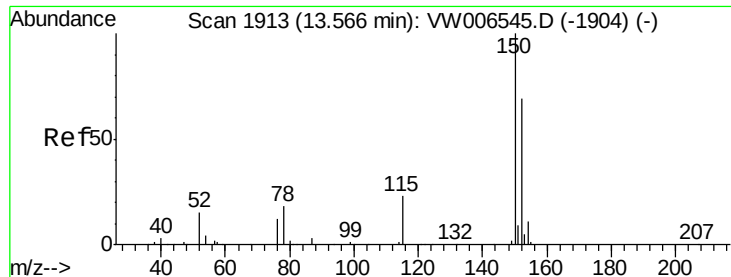
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	192.4
176	95.7	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006718.D
Acq: 07 Nov 2018 06:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.8	61.2
119	30.4	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

NB-08-110518

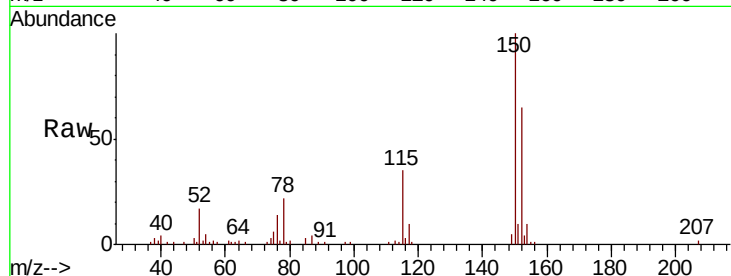
Tot Ion:152 Resp: 10659

Ion Ratio Lower Upper

152 100

115 54.4 26.6 79.8

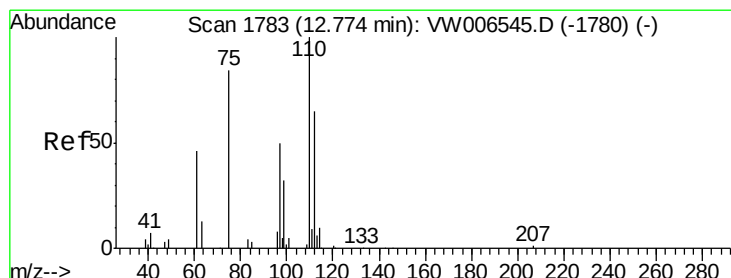
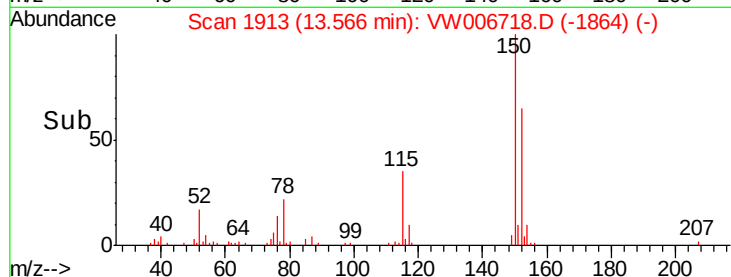
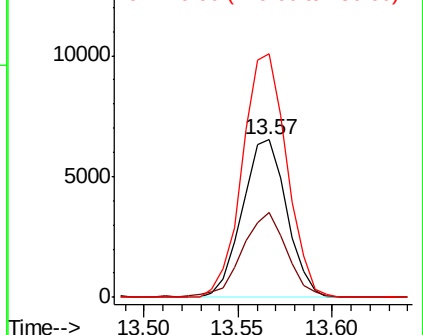
150 153.9 0.0 344.6



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: 59.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006718.D

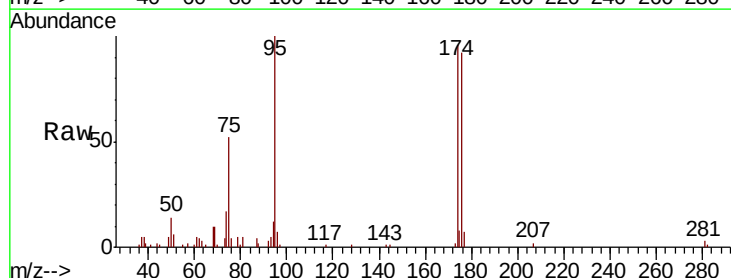
Acq: 07 Nov 2018 06:46

Tgt Ion: 75 Resp: 4966

Ion Ratio Lower Upper

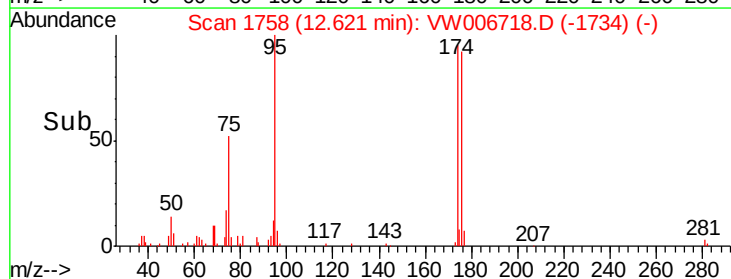
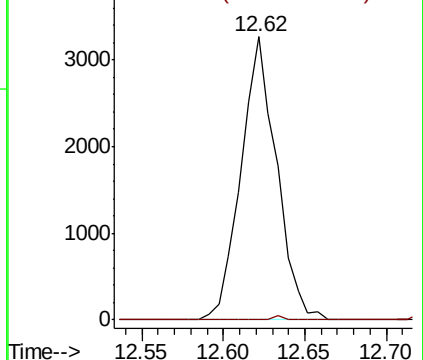
75 100

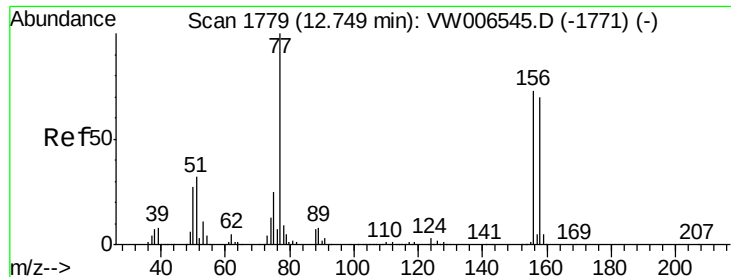
77 0.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.227 ug/l

RT: 12.88 min Scan# 1800

Delta R.T. 0.13 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

Instrument :

MSVOA_W

ClientSampleId :

NB-08-110518

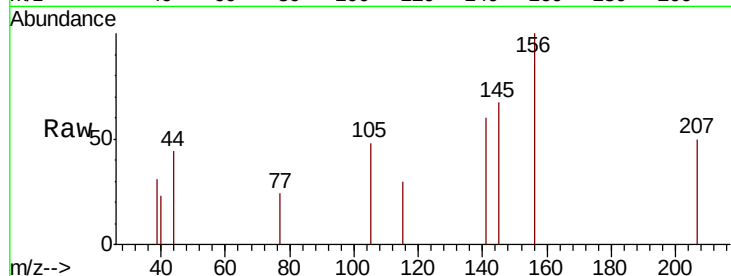
Tot Ion:156 Resp: 223

Ion Ratio Lower Upper

156 100

77 29.1 75.9 227.8#

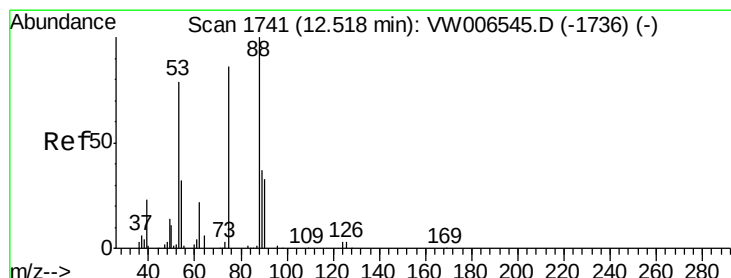
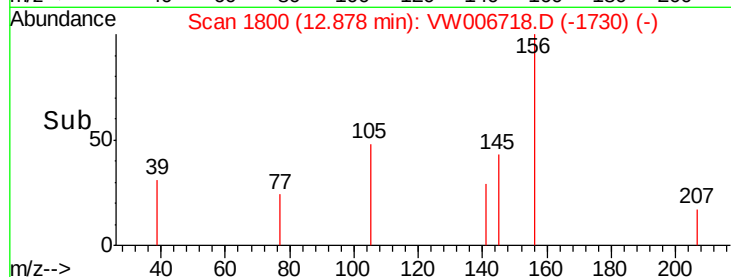
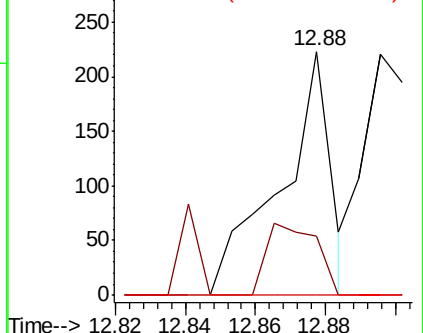
158 0.0 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 149.071 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006718.D

Acq: 07 Nov 2018 06:46

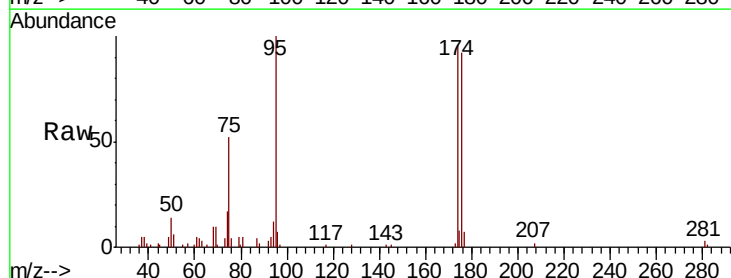
Tgt Ion: 75 Resp: 4966

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

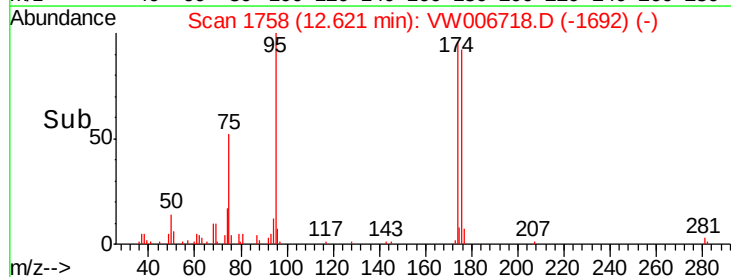
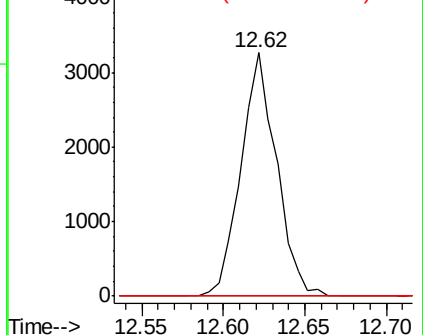
89 0.0 38.6 58.0#

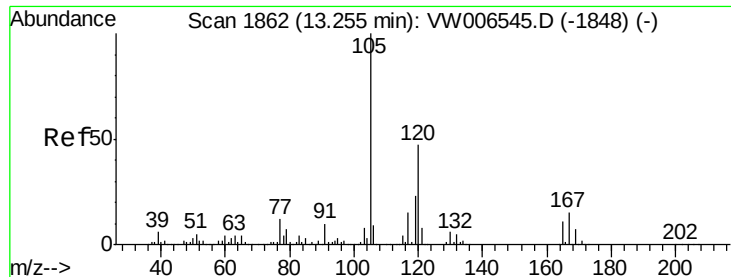


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

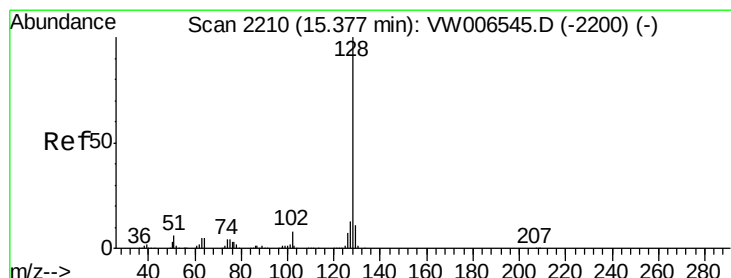
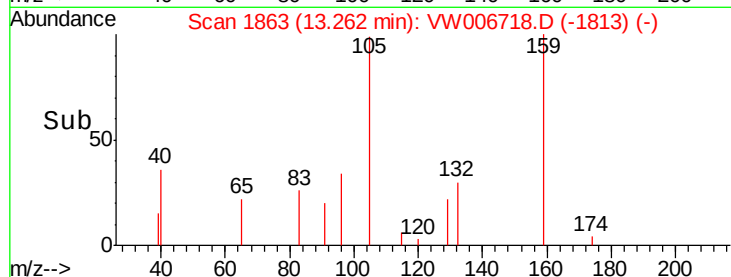
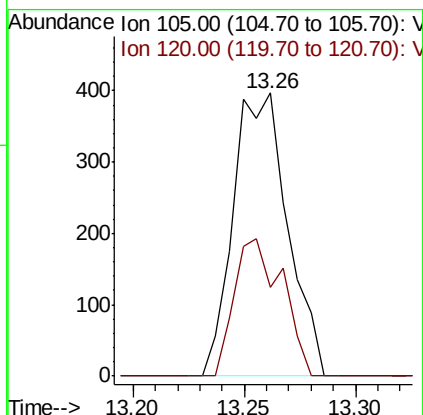
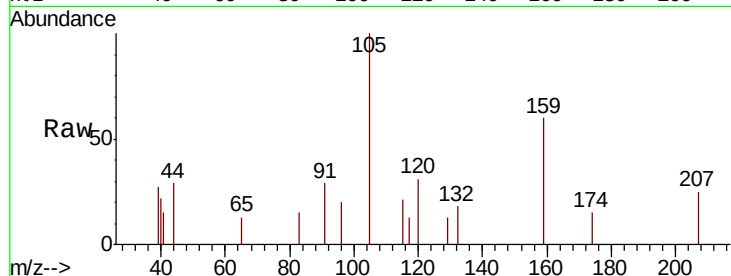




#84
 1,2,4-Trimethylbenzene
 Concen: 1.117 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW006718.D
 Acq: 07 Nov 2018 06:46

Instrument :
 MSVOA_W
 ClientSampled :
 NB-08-110518

Tot Ion:105 Resp: 676
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.2 69.6



#95
 Naphthalene
 Concen: 11.115 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006718.D
 Acq: 07 Nov 2018 06:46

Tgt Ion:128 Resp: 4278
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.3 15.5
 129 15.8 8.7 13.1#

