

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112718\
 Data File : VW007099.D
 Acq On : 27 Nov 2018 20:09
 Operator : VAY/AP
 Sample : J6083-03
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-2

Quant Time: Nov 28 00:35:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

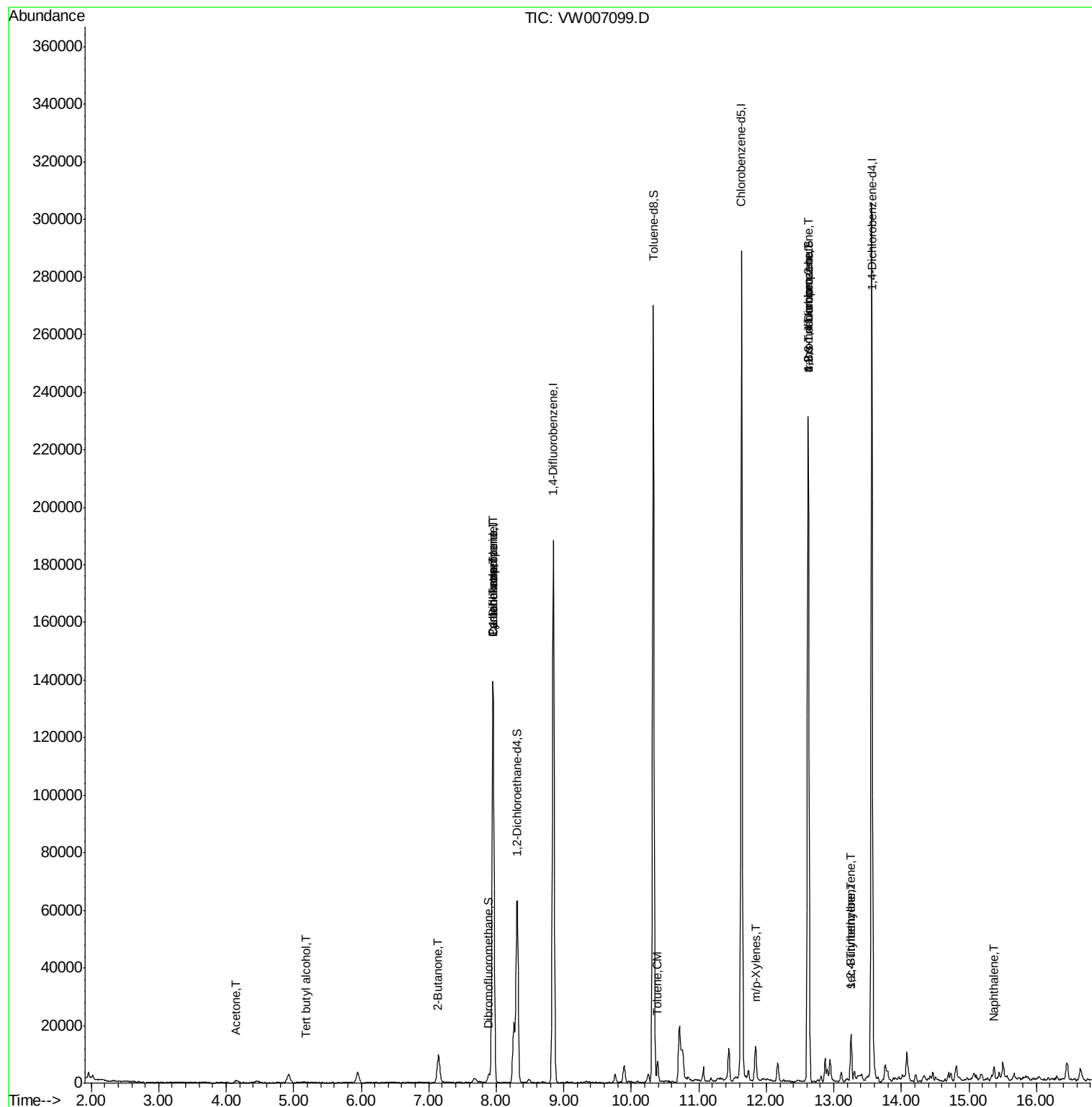
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	163599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51582	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	7.88	113	2225	2.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.82%	
50) Toluene-d8	10.32	98	186278	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.62	95	73812	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	157	2.360	ug/l #	71
16) Acetone	4.15	43	1758	11.847	ug/l	94
20) Methylene Chloride	4.92	84	2518	Below Cal		91
25) 2-Butanone	7.14	43	417	1.641	ug/l #	48
31) Cyclohexane	7.95	56	2156	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7883	4.931	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10804	7.057	ug/l #	17
52) Toluene	10.39	92	3366	1.146	ug/l	90
68) m/p-Xylenes	11.84	106	3716	1.545	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	36169	57.157	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36169	143.499	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	9535	1.768	ug/l	98
85) sec-Butylbenzene	13.26	105	9535	1.440	ug/l #	57
95) Naphthalene	15.37	128	4370	1.518	ug/l #	95

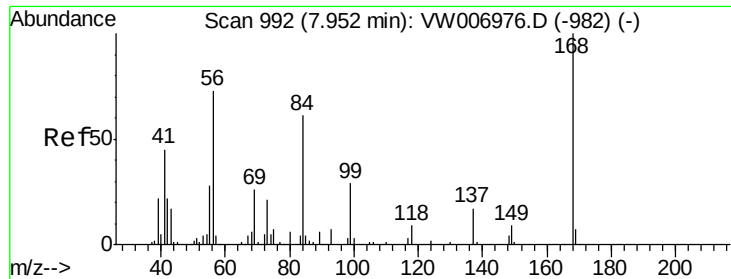
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112718\
Data File : VW007099.D
Acq On : 27 Nov 2018 20:09
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MSVOA_W
ClientSampleId :
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Quant Time: Nov 28 00:35:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampleId :

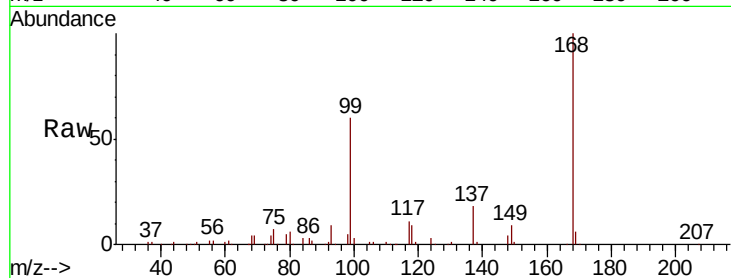
WC-2

Tot Ion:168 Resp: 104394

Ion Ratio Lower Upper

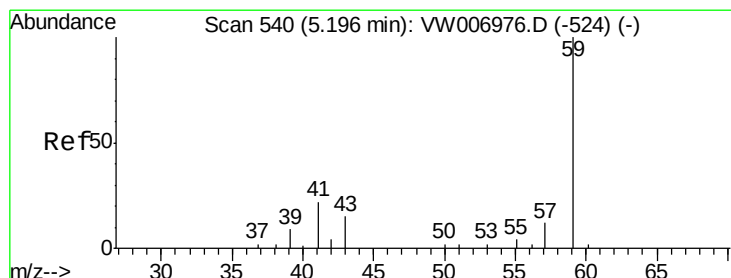
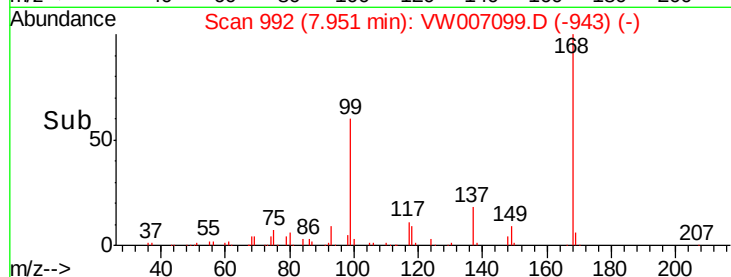
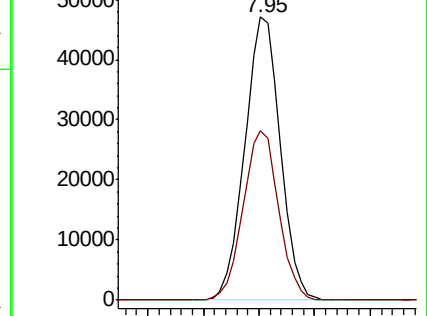
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.360 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.01 min

Lab File: VW007099.D

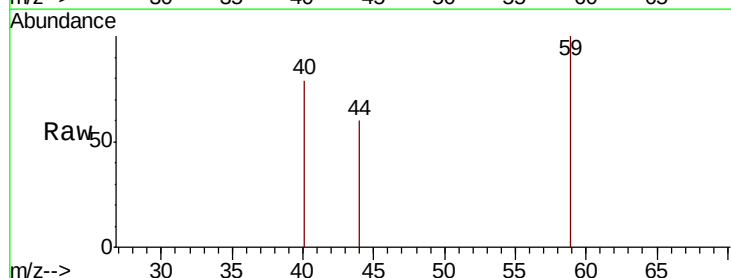
Acq: 27 Nov 2018 20:09

Tgt Ion: 59 Resp: 157

Ion Ratio Lower Upper

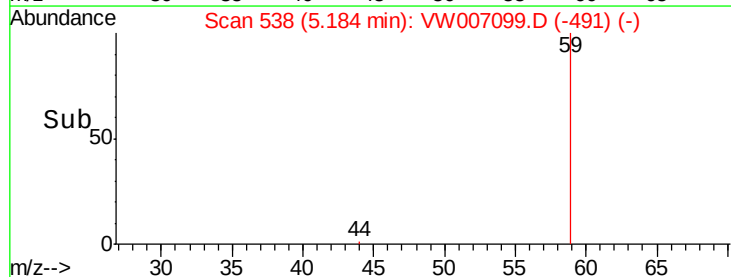
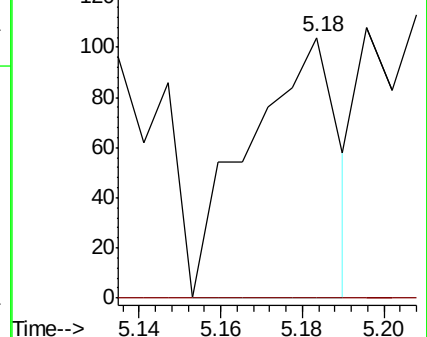
59 100

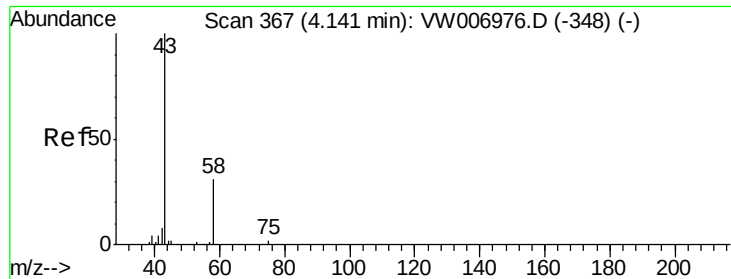
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 11.847 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

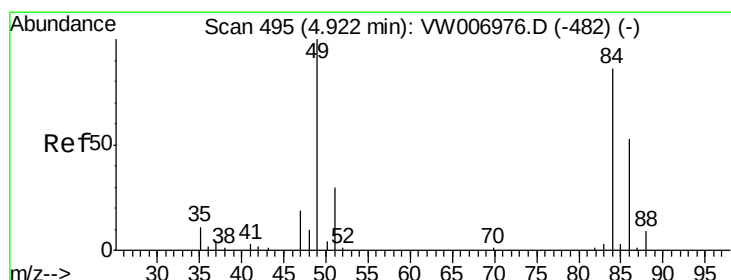
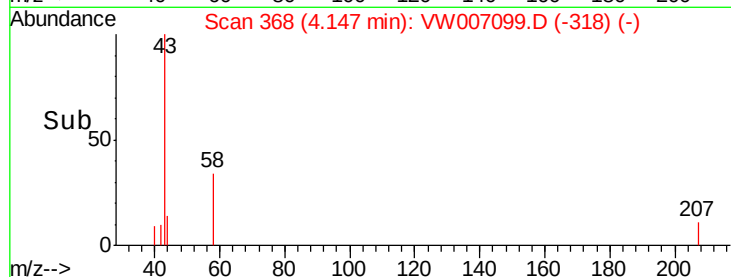
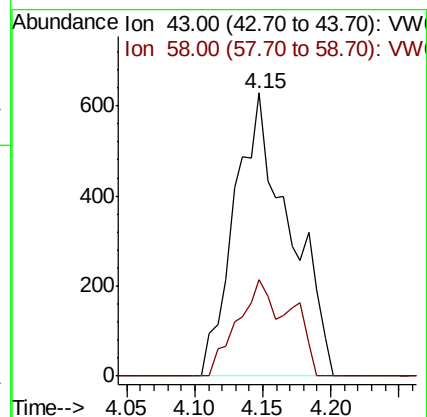
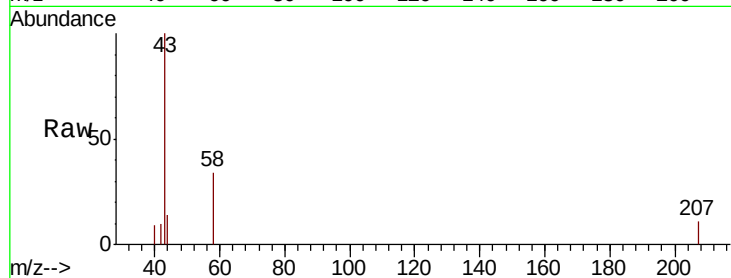
WC-2

Tot Ion: 43 Resp: 1758

Ion Ratio Lower Upper

43 100

58 34.1 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Tgt Ion: 84 Resp: 2518

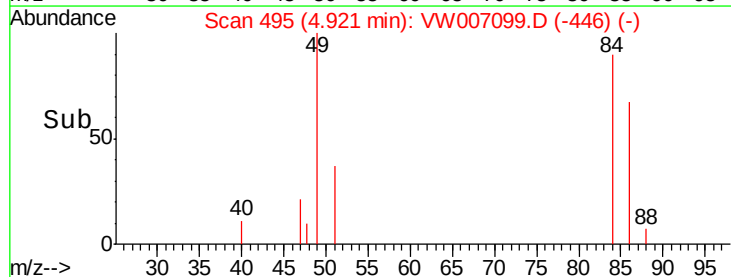
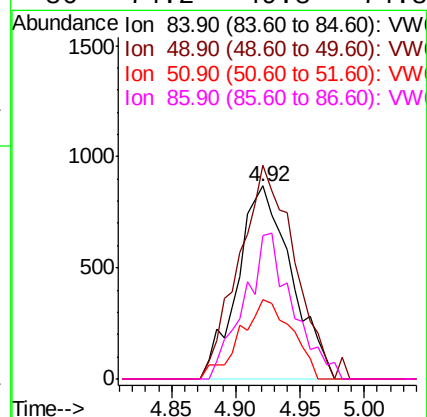
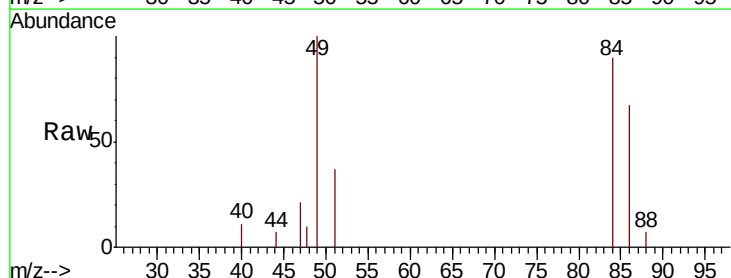
Ion Ratio Lower Upper

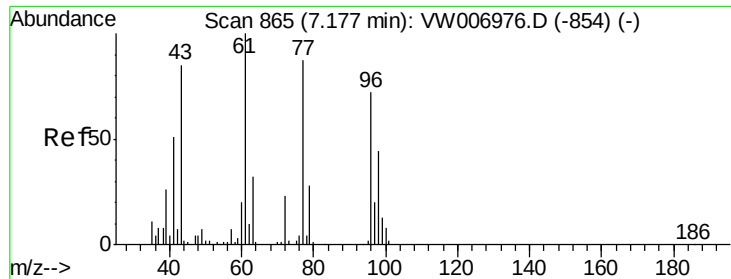
84 100

49 110.6 93.4 140.0

51 41.3 28.4 42.6

86 74.2 49.8 74.8





#25

2-Butanone

Concen: 1.641 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

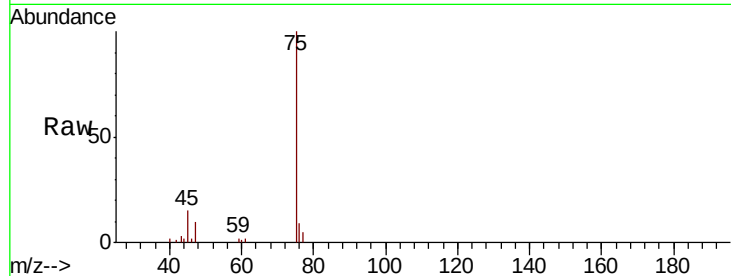
WC-2

Tot Ion: 43 Resp: 417

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

250

200

150

100

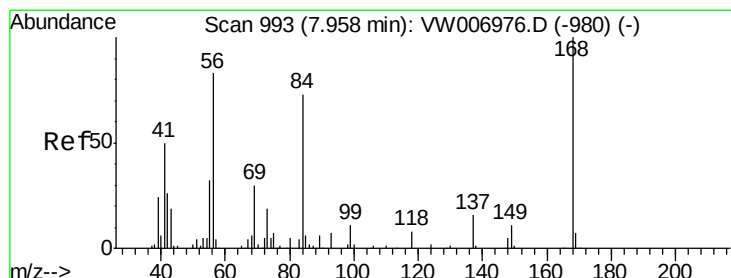
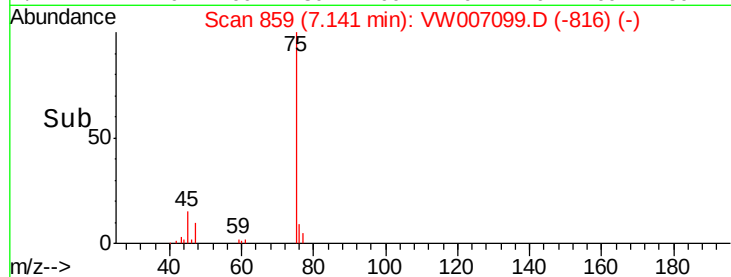
50

0

7.10

7.15

Time-->



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

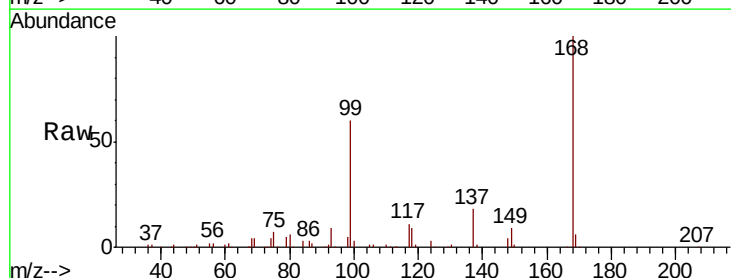
Tgt Ion: 56 Resp: 2156

Ion Ratio Lower Upper

56 100

69 190.5 29.1 43.7#

84 139.6 70.6 105.8#



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

2500

2000

1500

1000

500

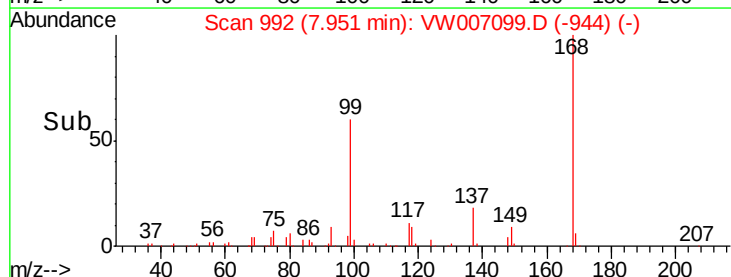
0

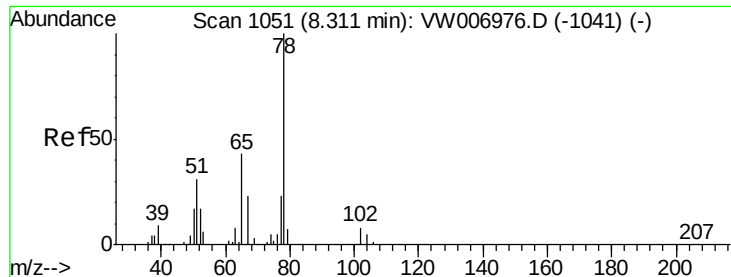
7.90

7.95

8.00

Time-->

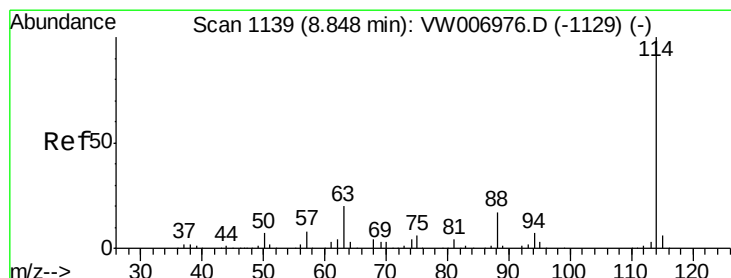
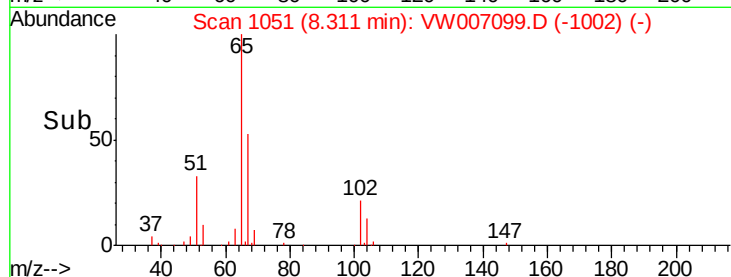
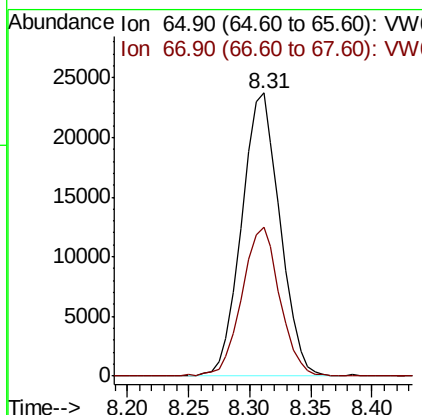
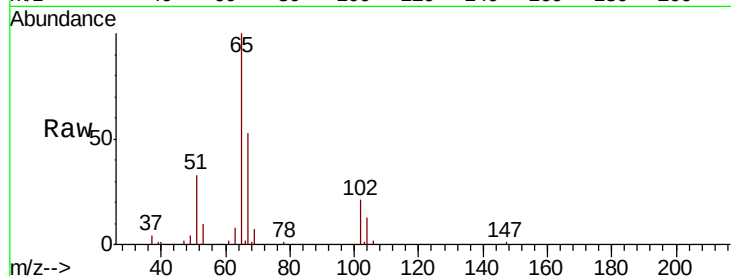




#33
 1,2-Dichloroethane-d4
 Concen: 50.470 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007099.D
 Acq: 27 Nov 2018 20:09

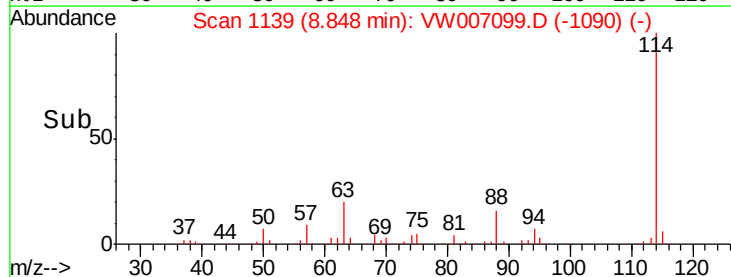
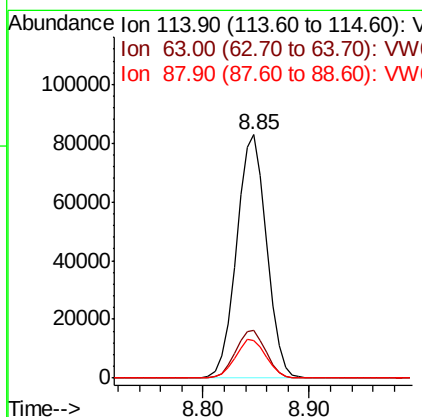
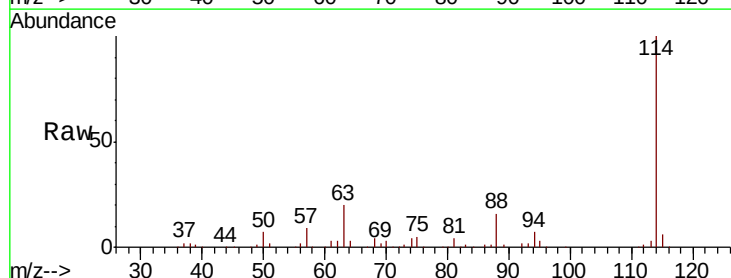
Instrument :
 MSVOA_W
 ClientSampled :
 WC-2

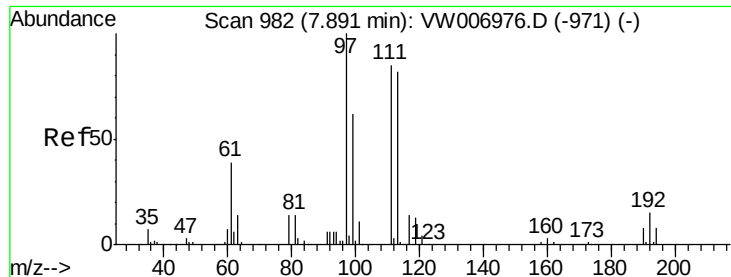
Tot Ion: 65 Resp: 51582
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007099.D
 Acq: 27 Nov 2018 20:09

Tgt Ion: 114 Resp: 163599
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 2.408 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

WC-2

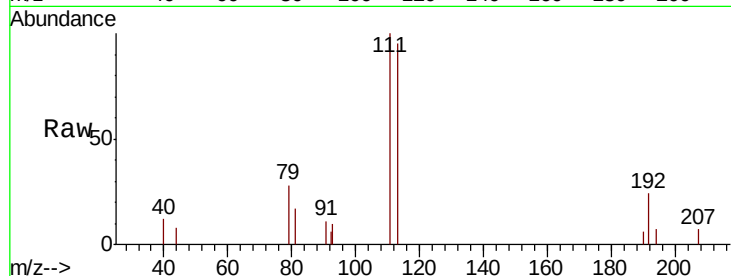
Tot Ion:113 Resp: 2225

Ion Ratio Lower Upper

113 100

111 112.4 81.0 121.6

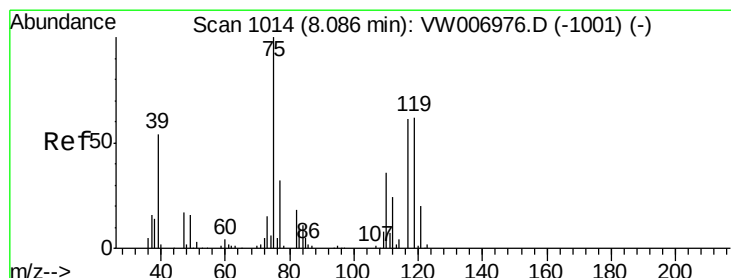
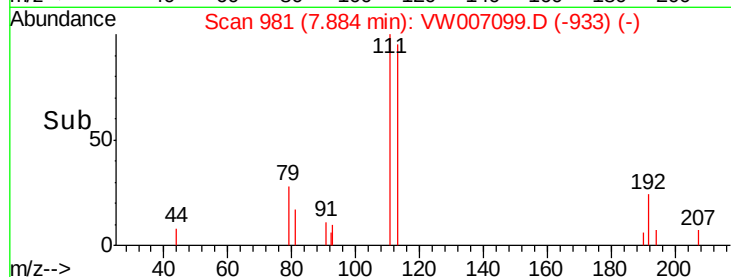
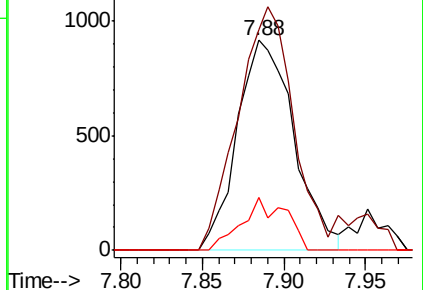
192 19.5 15.0 22.6



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: 4.931 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

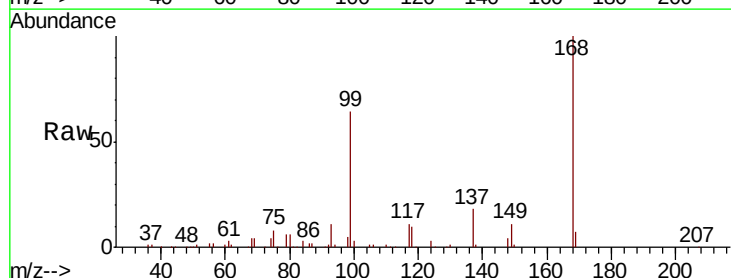
Tgt Ion: 75 Resp: 7883

Ion Ratio Lower Upper

75 100

110 10.0 18.0 54.0#

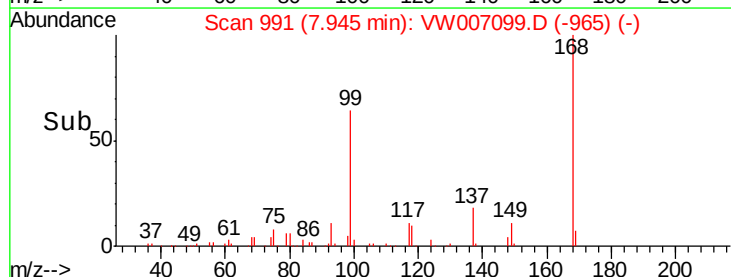
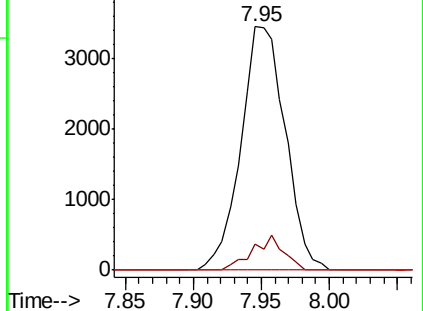
77 0.0 24.9 37.3#

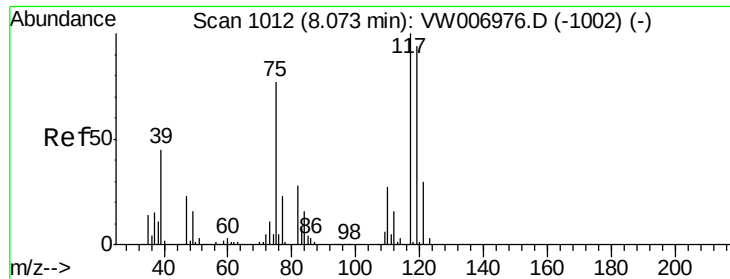


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

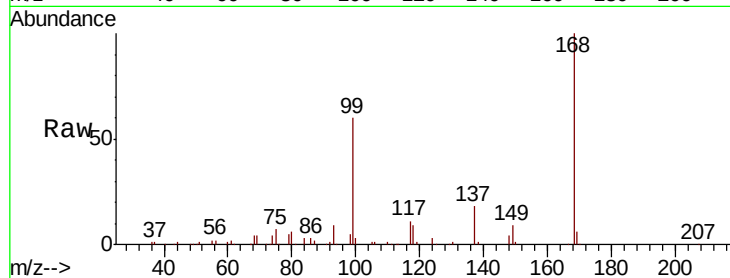




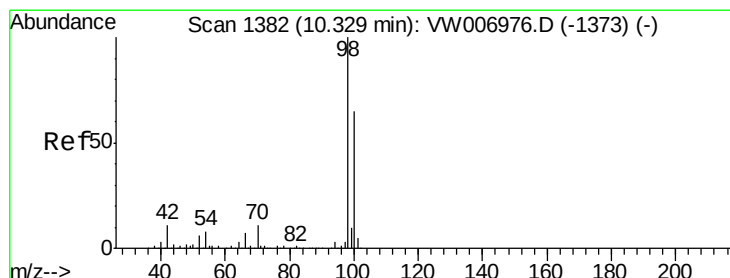
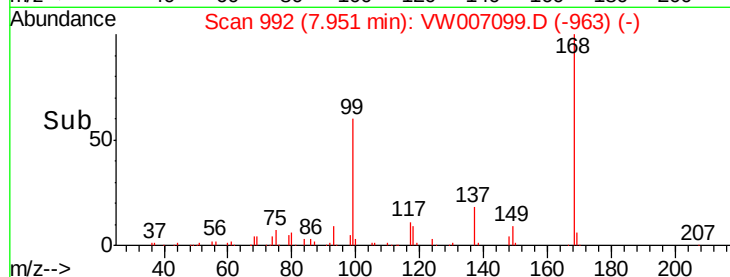
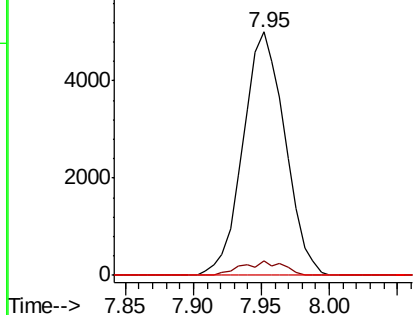
#38
Carbon Tetrachloride
Concen: 7.057 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Instrument :
MSVOA_W
ClientSampled :
WC-2

Tot Ion:117 Resp: 10804
Ion Ratio Lower Upper
117 100
119 5.7 74.9 112.3#
121 0.0 23.6 35.4#

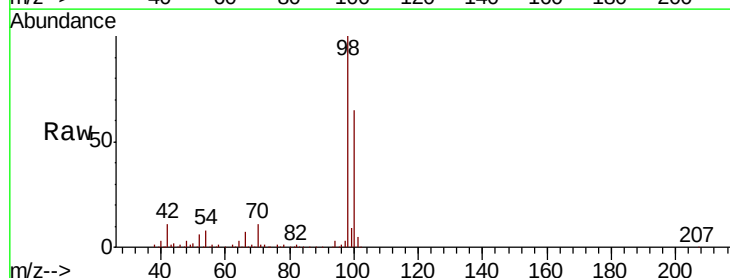


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

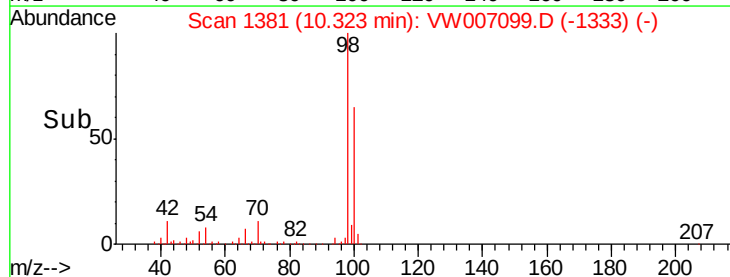
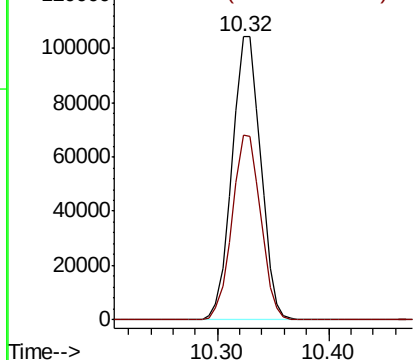


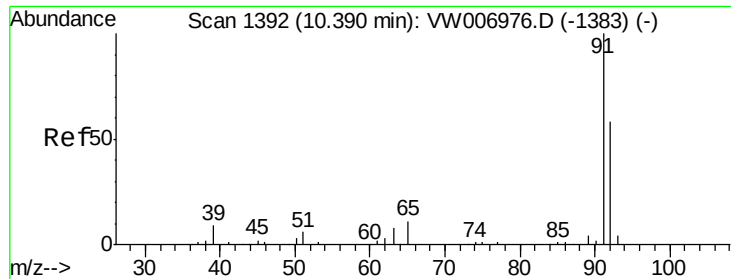
#50
Toluene-d8
Concen: 45.659 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Tgt Ion: 98 Resp: 186278
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



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





#52

Toluene

Concen: 1.146 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampleId :

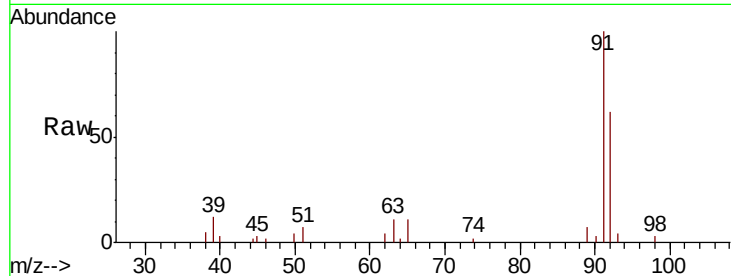
WC-2

Tot Ion: 92 Resp: 3366

Ion Ratio Lower Upper

92 100

91 185.4 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

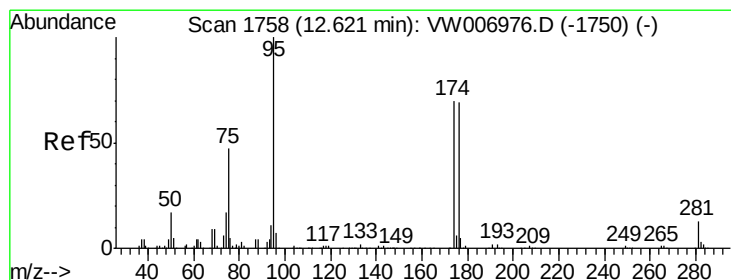
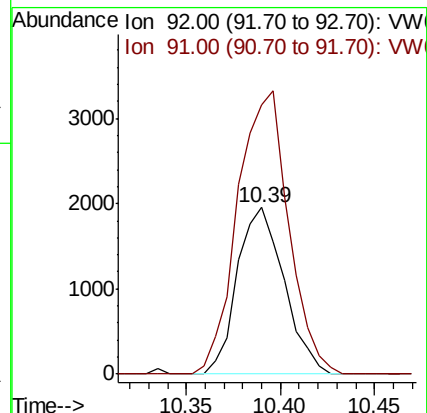
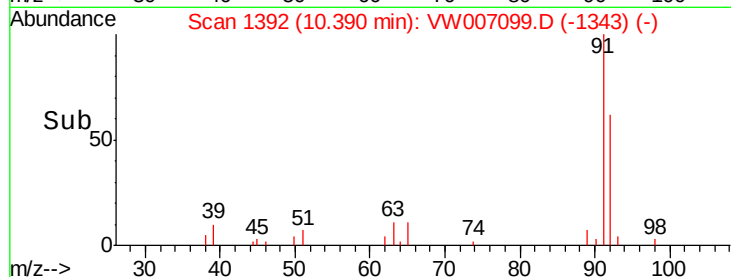
3000

2000

1000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.976 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

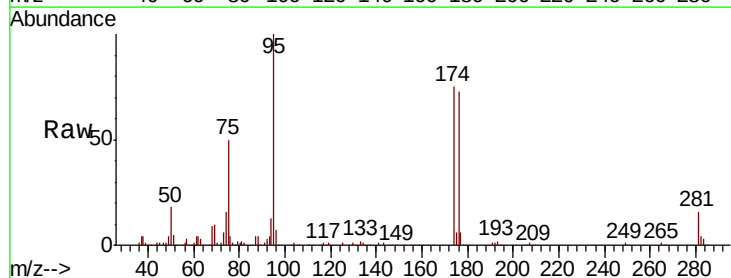
Tgt Ion: 95 Resp: 73812

Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.6

176 71.8 0.0 140.4



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

60000

50000

40000

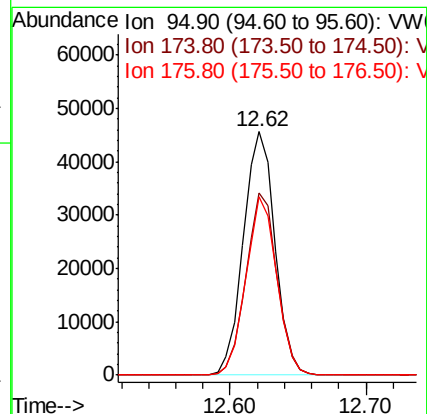
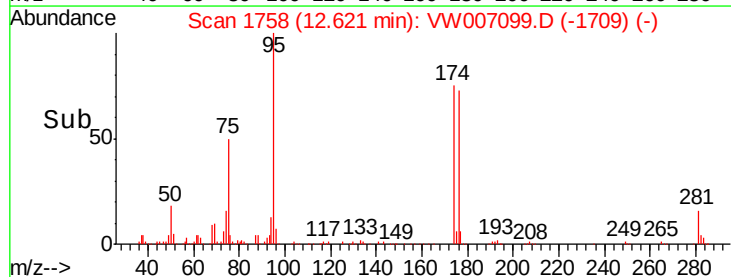
30000

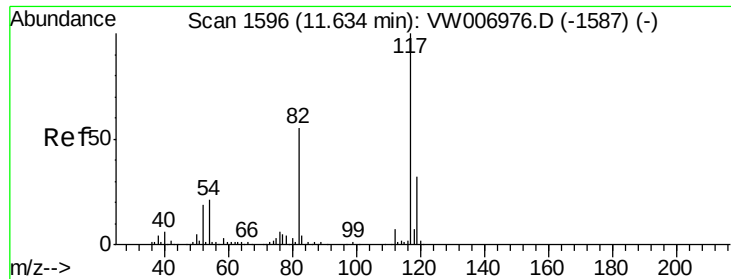
20000

10000

0

Time-->

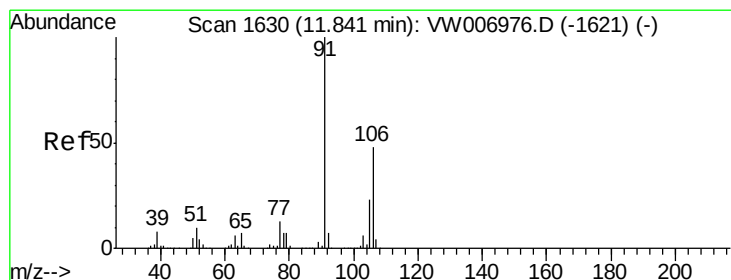
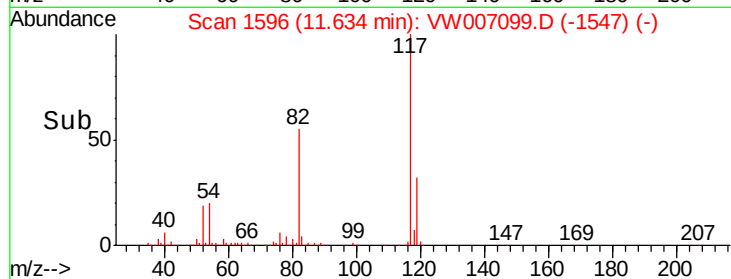
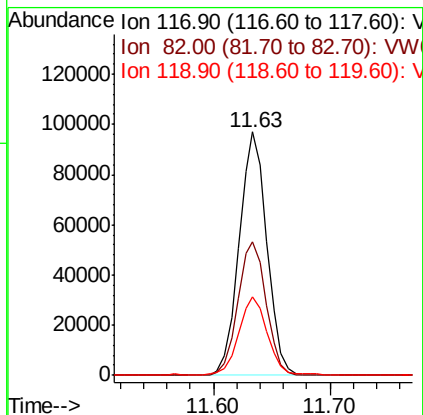
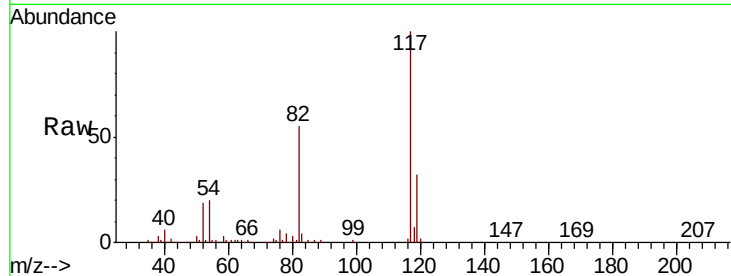




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

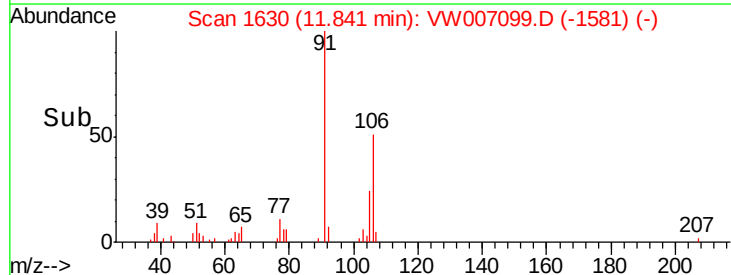
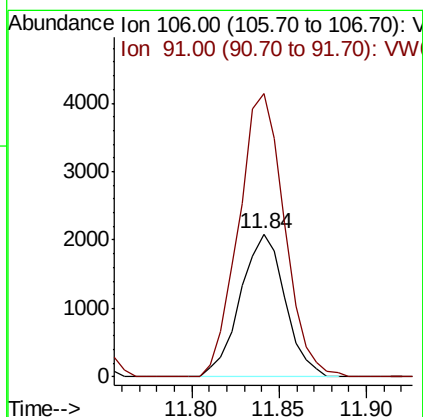
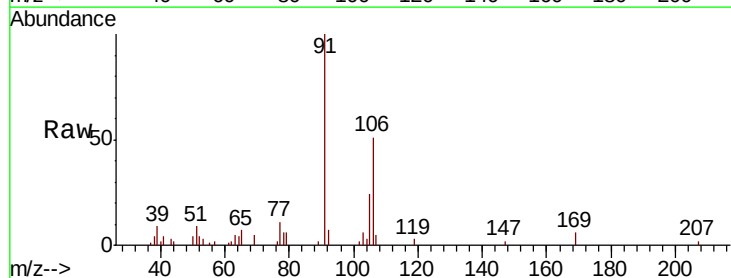
Instrument :
MSVOA_W
ClientSampled :
WC-2

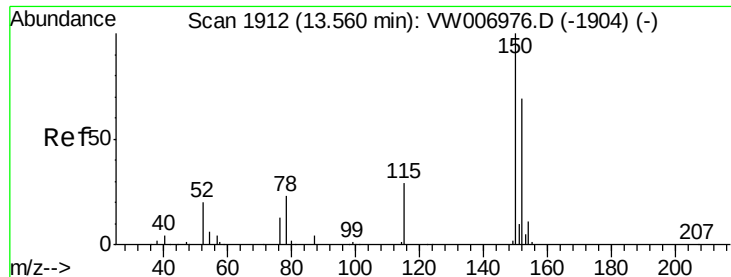
Tot Ion:117 Resp: 159880
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 1.545 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Tgt Ion:106 Resp: 3716
Ion Ratio Lower Upper
106 100
91 202.9 164.8 247.2



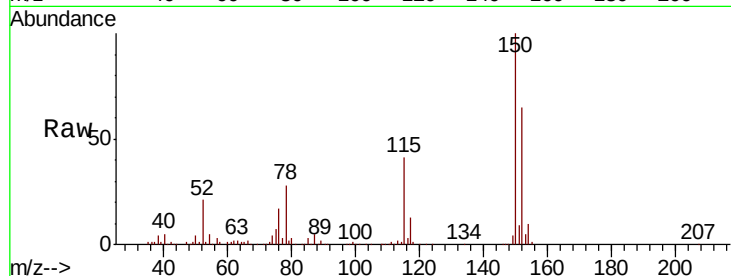


#72

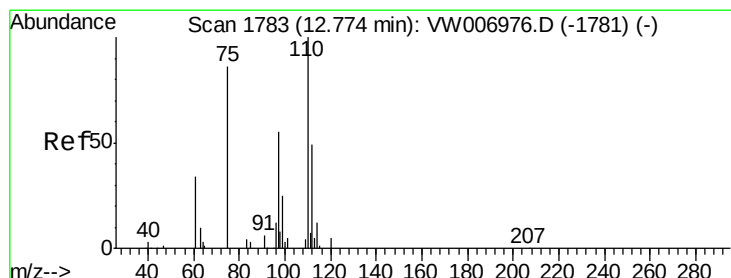
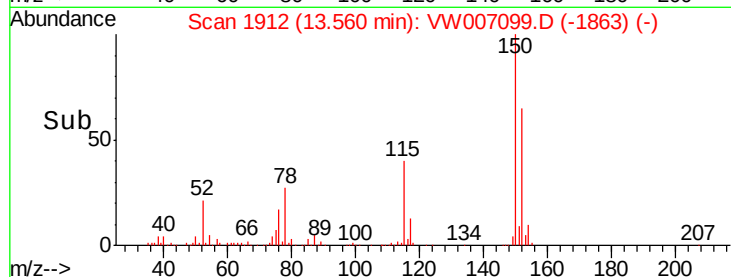
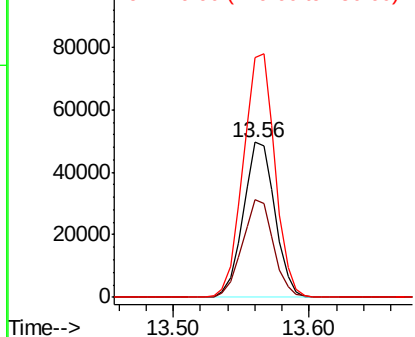
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Instrument :
MSVOA_W
ClientSampled :
WC-2

Tot Ion:152 Resp: 80530
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.2
150 157.6 0.0 353.4



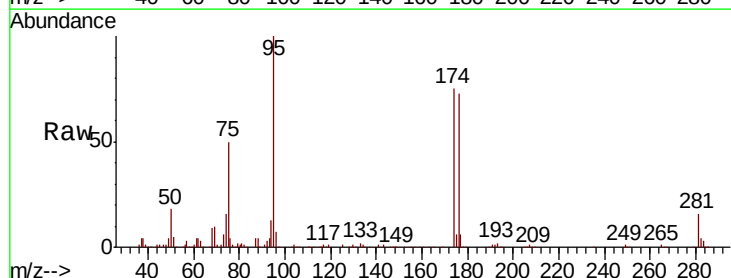
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



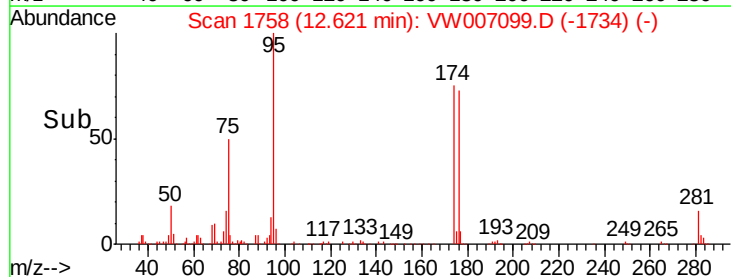
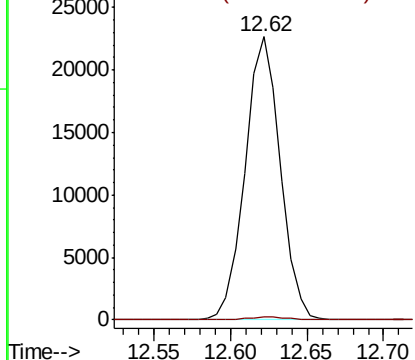
#76

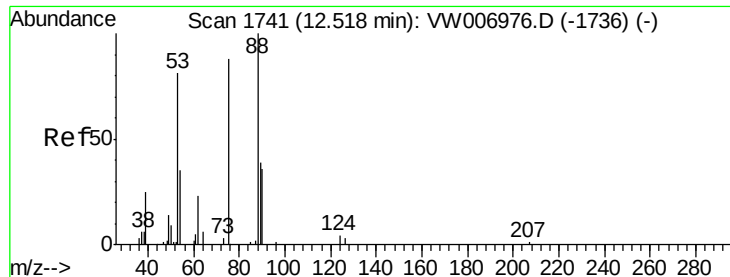
1,2,3-Trichloropropane
Concen: 57.157 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Tgt Ion: 75 Resp: 36169
Ion Ratio Lower Upper
75 100
77 1.2 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: 143.499 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampleId :

WC-2

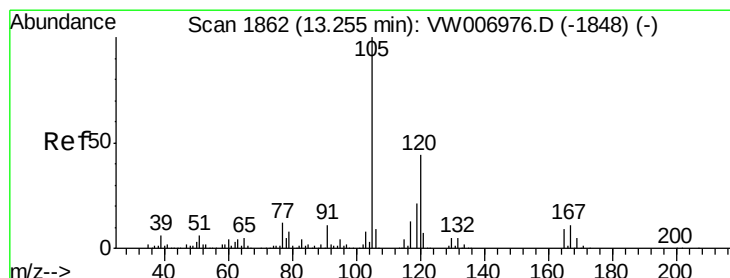
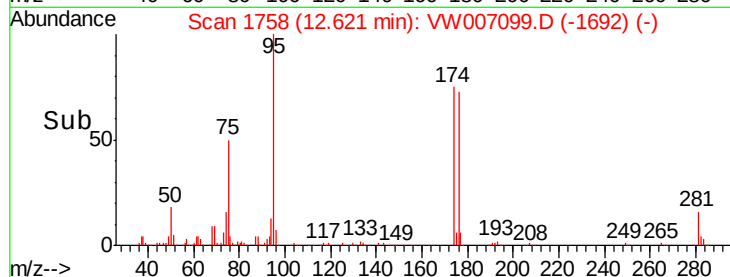
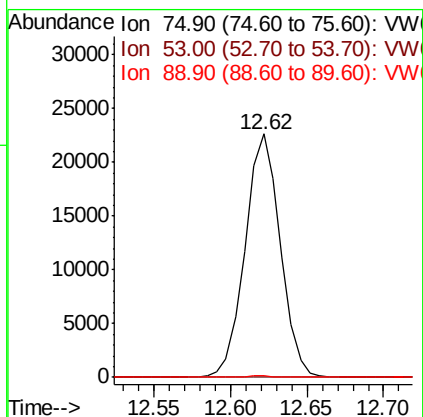
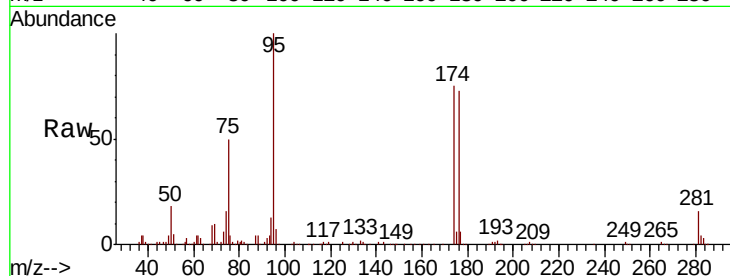
Tot Ion: 75 Resp: 36169

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.3 39.3 58.9#



#84

1,2,4-Trimethylbenzene

Concen: 1.768 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007099.D

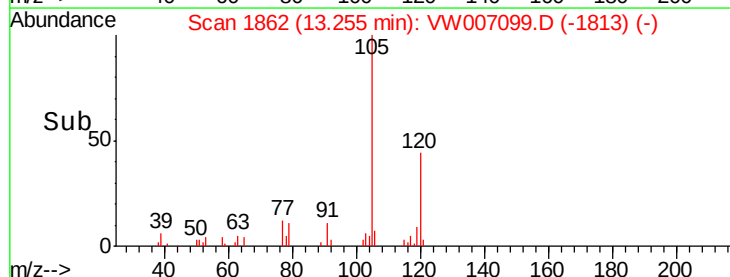
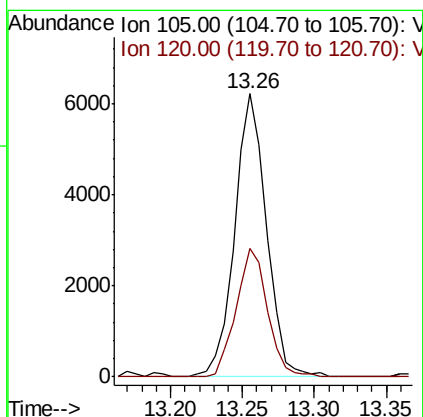
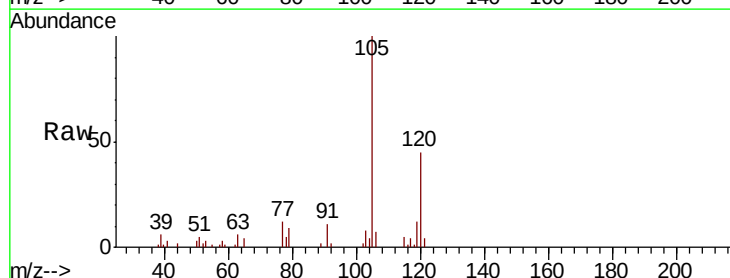
Acq: 27 Nov 2018 20:09

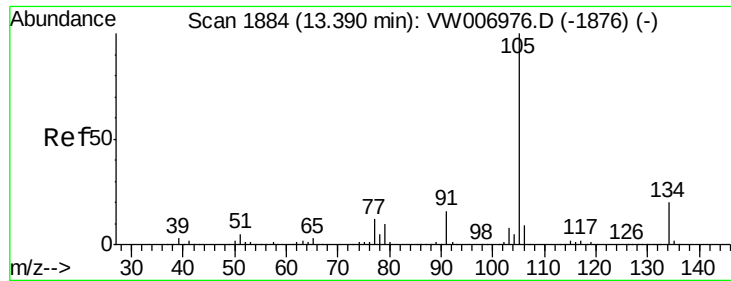
Tgt Ion: 105 Resp: 9535

Ion Ratio Lower Upper

105 100

120 44.8 21.8 65.3

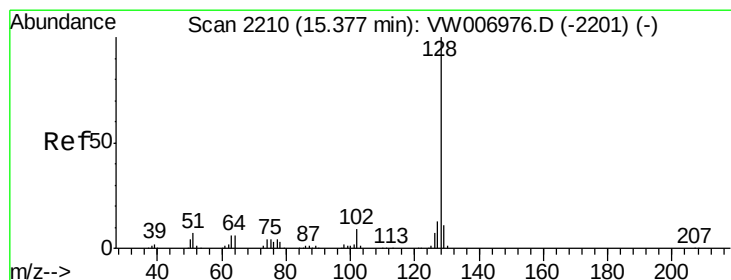
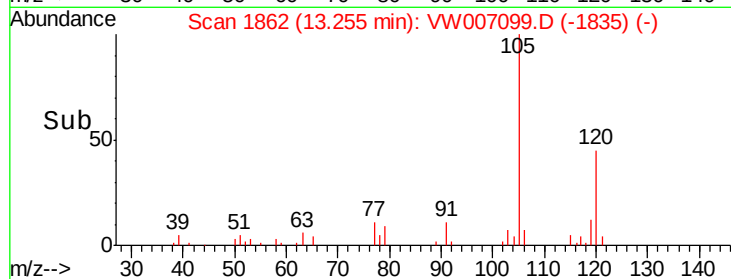
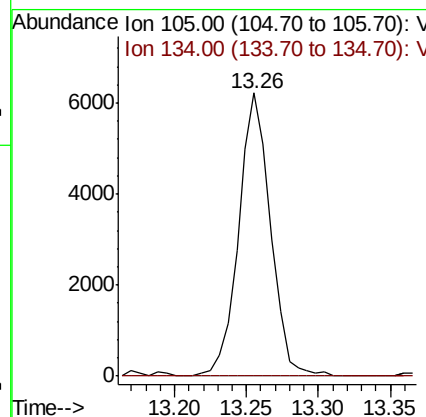
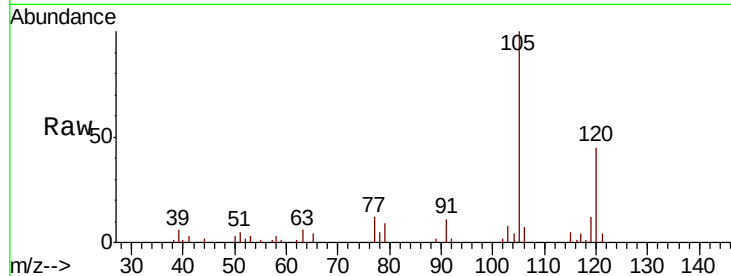




#85
 sec-Butylbenzene
 Concen: 1.440 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.13 min
 Lab File: VW007099.D
 Acq: 27 Nov 2018 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-2

Tot Ion:105 Resp: 9535
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#95
 Naphthalene
 Concen: 1.518 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW007099.D
 Acq: 27 Nov 2018 20:09

Tgt Ion:128 Resp: 4370
 Ion Ratio Lower Upper
 128 100
 127 16.2 10.5 15.7#
 129 11.4 8.7 13.1

