

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007111.D
 Acq On : 28 Nov 2018 14:17
 Operator : VAY/AP
 Sample : J6080-04
 Misc : 10.28G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RCA-07

Quant Time: Nov 29 04:35:44 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	7.96	168	12854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	14598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4519	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	6831	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
35) Dibromofluoromethane	7.89	113	5145	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.33	98	21223	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
62) 4-Bromofluorobenzene	12.62	95	6333	32.82	ug/l	0.00
Spiked Amount			Recovery	=	65.64%	

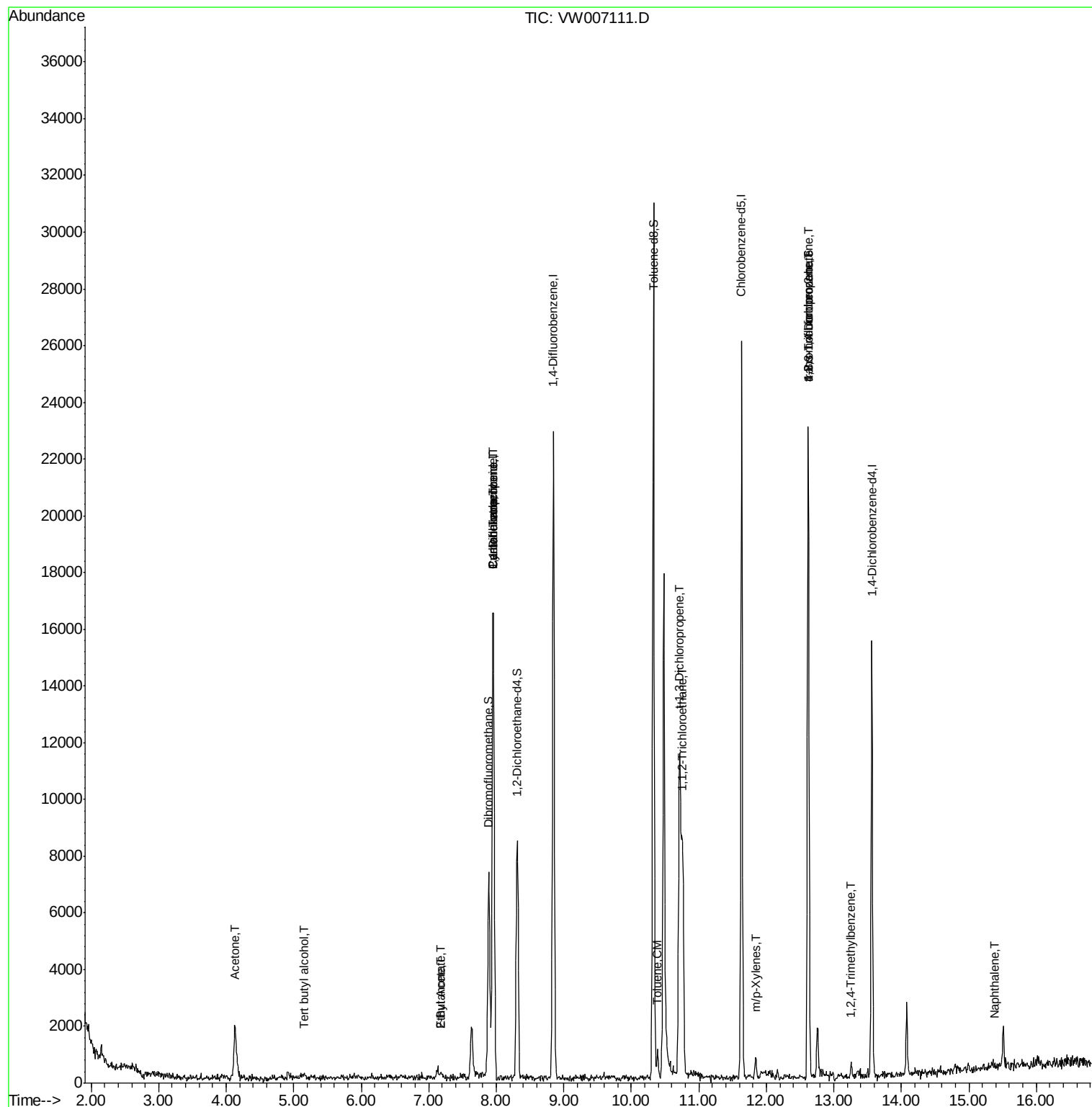
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	198	24.169	ug/l #	71
16) Acetone	4.13	43	3651	199.825	ug/l	94
20) Methylene Chloride	4.92	84	110	Below Cal	#	8
25) 2-Butanone	7.17	43	262	8.372	ug/l #	48
31) Cyclohexane	7.96	56	269	1.110	ug/l #	25
36) 1,1-Dichloropropene	7.96	75	1004	5.225	ug/l #	43
37) Ethyl Acetate	7.17	43	262	3.763	ug/l #	69
38) Carbon Tetrachloride	7.96	117	1388	7.543	ug/l #	13
52) Toluene	10.38	92	502	1.422	ug/l #	64
53) t-1,3-Dichloropropene	10.72	75	195	1.193	ug/l #	37
55) 1,1,2-Trichloroethane	10.75	97	121	1.284	ug/l #	15
68) m/p-Xylenes	11.84	106	389	1.771	ug/l	80
76) 1,2,3-Trichloropropane	12.62	75	3066	86.342	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	3066	216.770	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	452	1.494	ug/l	99
95) Naphthalene	15.38	128	266	1.647	ug/l #	69

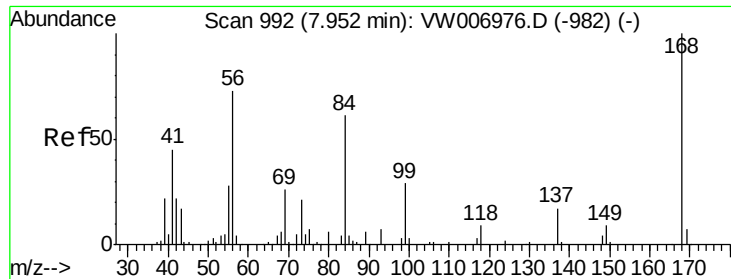
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112818\
Data File : VW007111.D
Acq On : 28 Nov 2018 14:17
Operator : VAY/AP
Sample : J6080-04
Misc : 10.28G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RCA-07

Quant Time: Nov 29 04:35:44 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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampled :

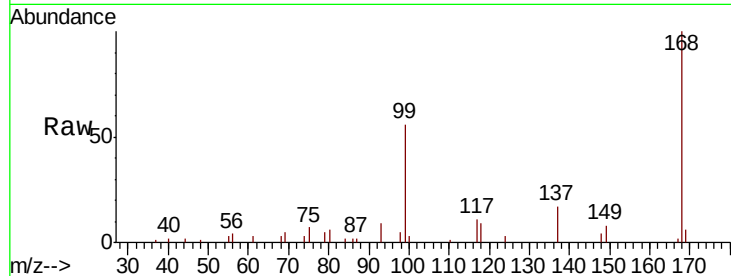
RCA-07

Tot Ion:168 Resp: 12854

Ion Ratio Lower Upper

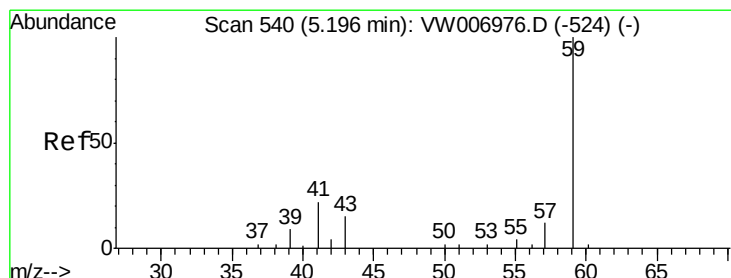
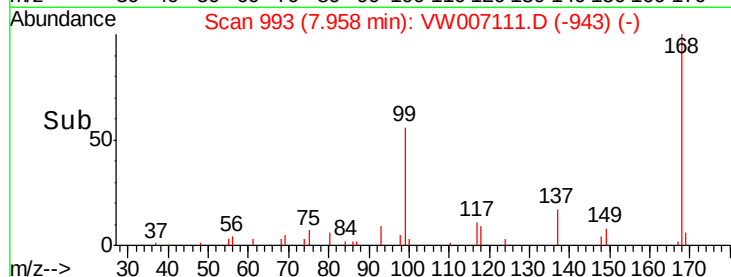
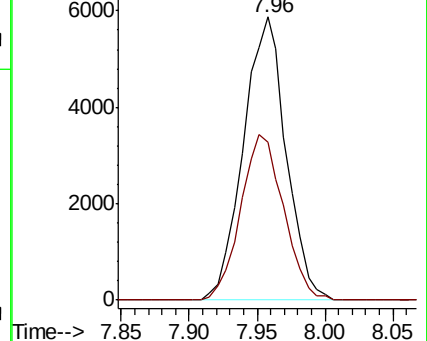
168 100

99 55.8 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: 24.169 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.04 min

Lab File: VW007111.D

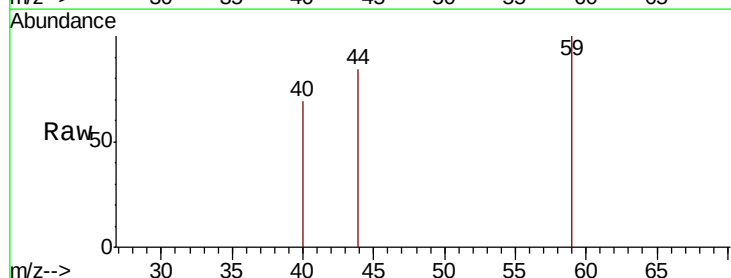
Acq: 28 Nov 2018 14:17

Tgt Ion: 59 Resp: 198

Ion Ratio Lower Upper

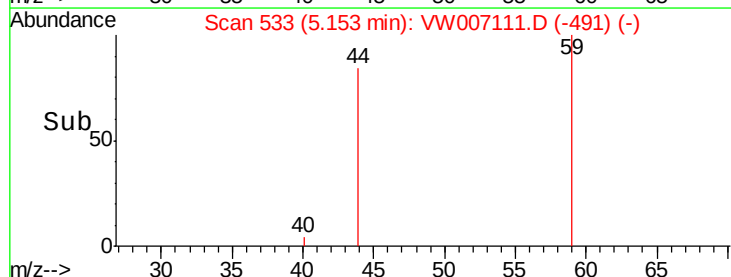
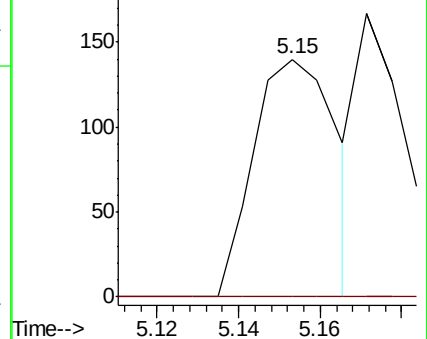
59 100

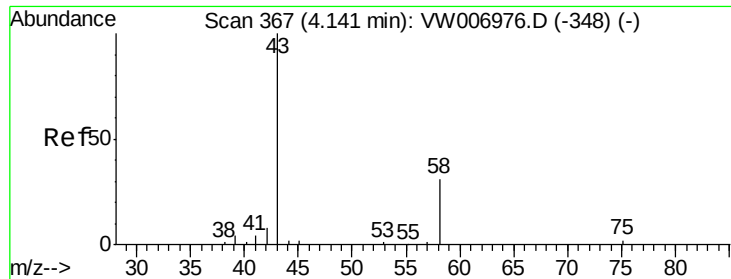
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 199.825 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

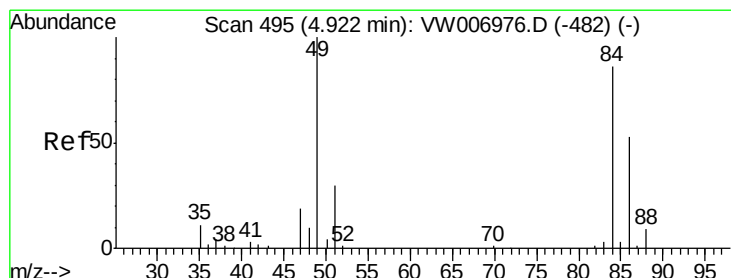
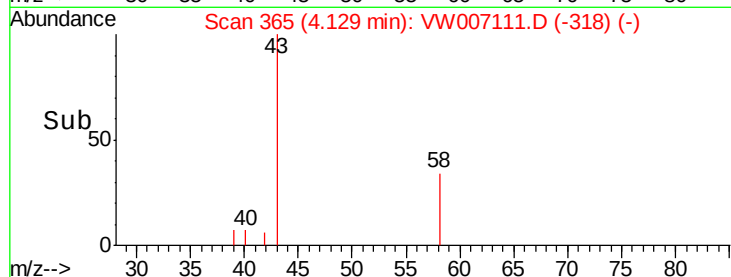
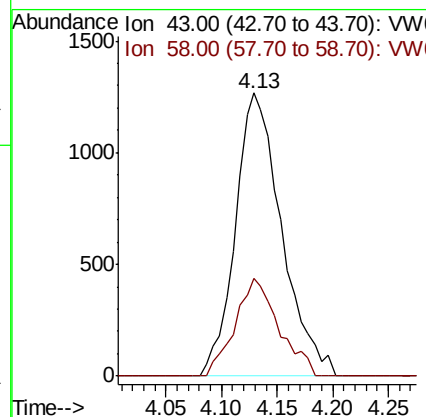
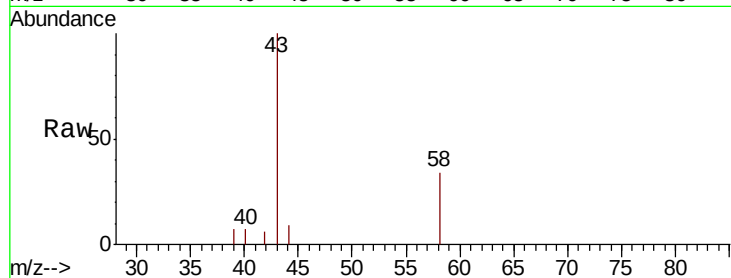
RCA-07

Tot Ion: 43 Resp: 3651

Ion Ratio Lower Upper

43 100

58 34.4 24.8 37.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Tgt Ion: 84 Resp: 110

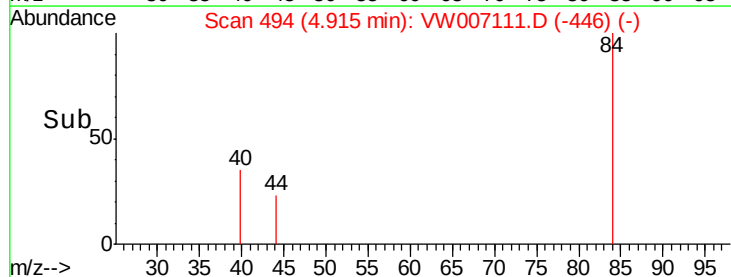
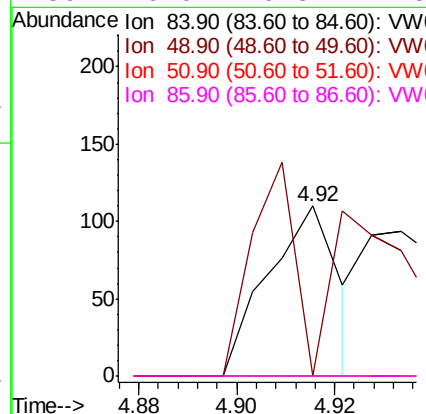
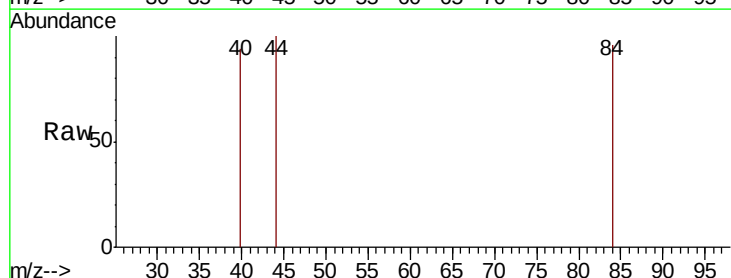
Ion Ratio Lower Upper

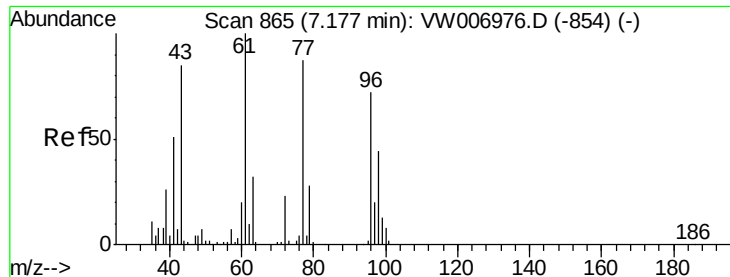
84 100

49 0.0 93.4 140.0#

51 0.0 28.4 42.6#

86 0.0 49.8 74.8#





#25

2-Butanone

Concen: 8.372 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

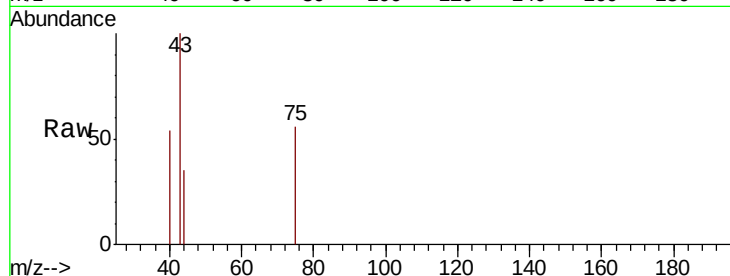
RCA-07

Tot Ion: 43 Resp: 262

Ion Ratio Lower Upper

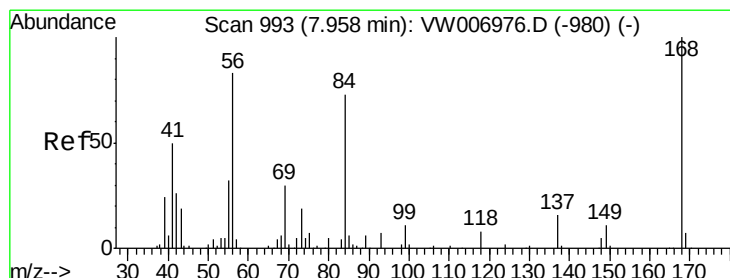
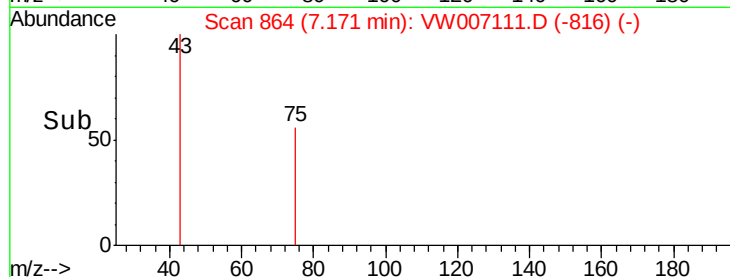
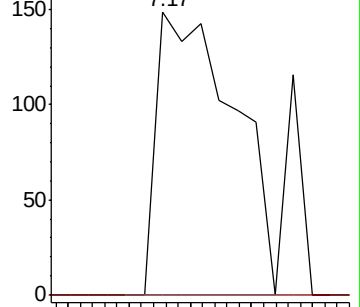
43 100

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



#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

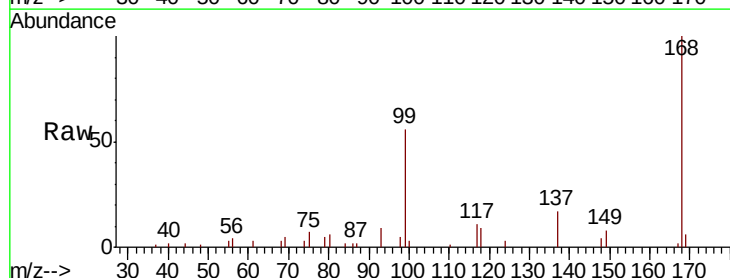
Tgt Ion: 56 Resp: 269

Ion Ratio Lower Upper

56 100

69 140.8 29.1 43.7#

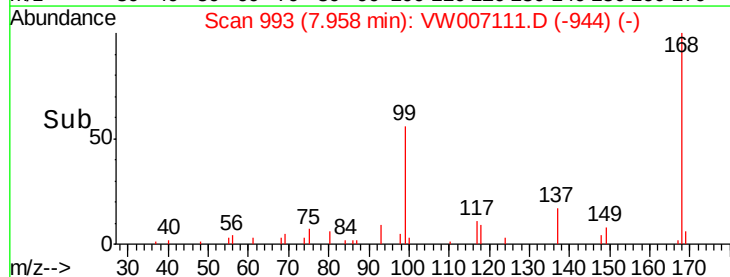
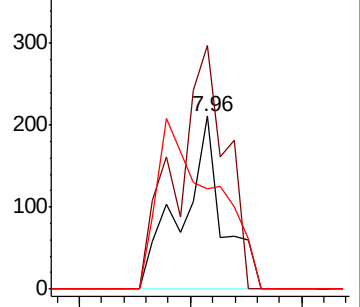
84 57.8 70.6 105.8#

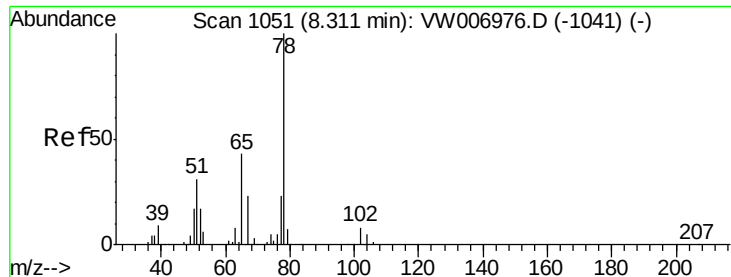


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

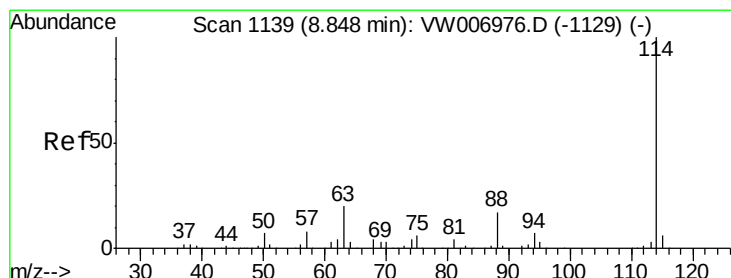
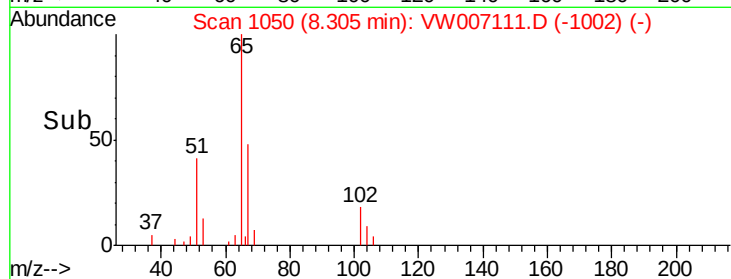
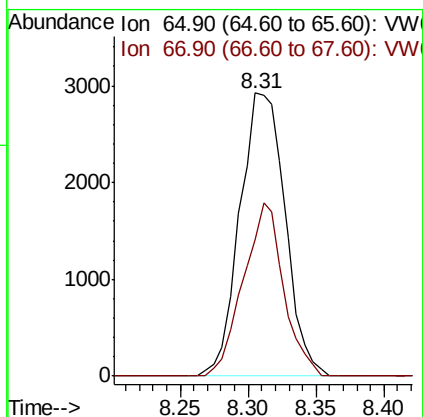
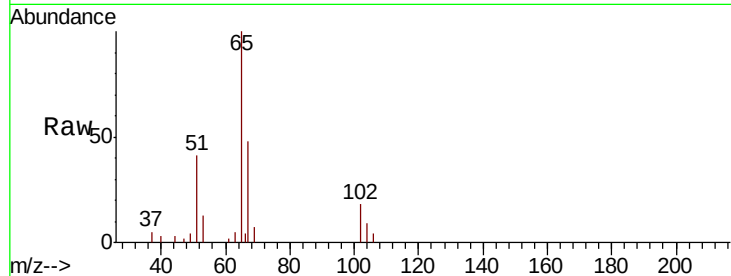




#33
 1,2-Dichloroethane-d4
 Concen: 54.282 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007111.D
 Acq: 28 Nov 2018 14:17

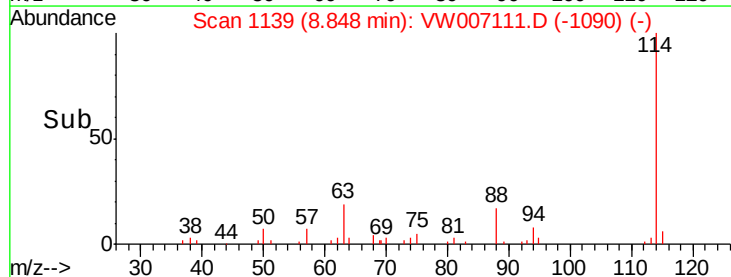
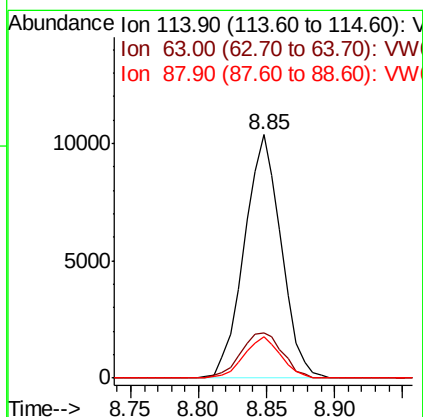
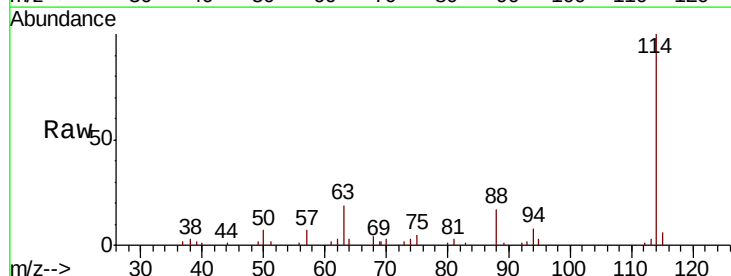
Instrument :
 MSVOA_W
 ClientSampleId :
 RCA-07

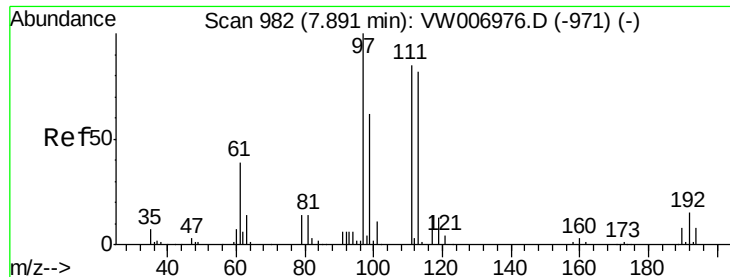
Tot Ion: 65 Resp: 6831
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007111.D
 Acq: 28 Nov 2018 14:17

Tgt Ion: 114 Resp: 19663
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.4
 88 17.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 46.334 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

RCA-07

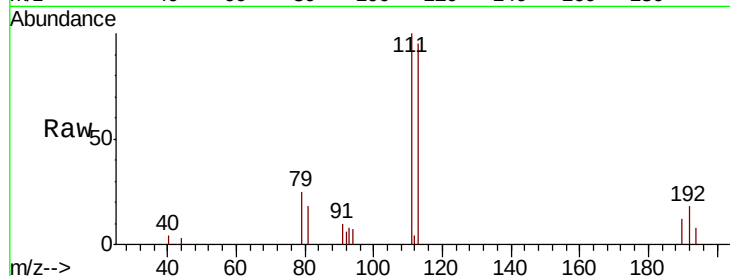
Tot Ion:113 Resp: 5145

Ion Ratio Lower Upper

113 100

111 110.6 81.0 121.6

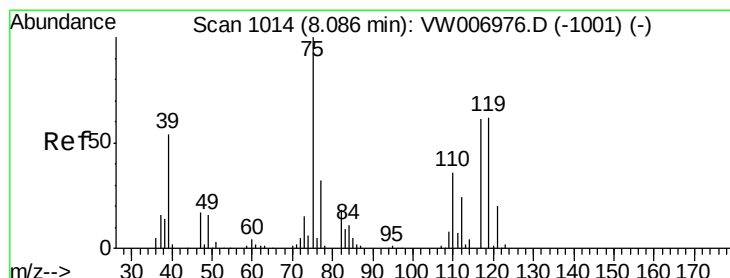
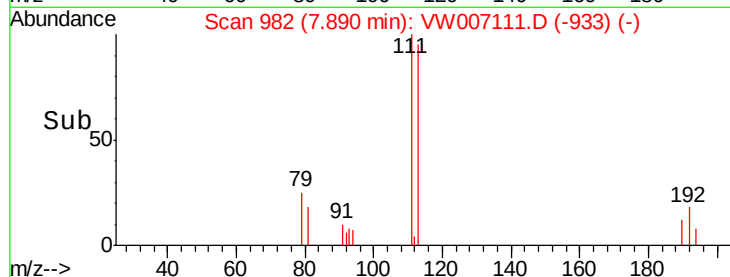
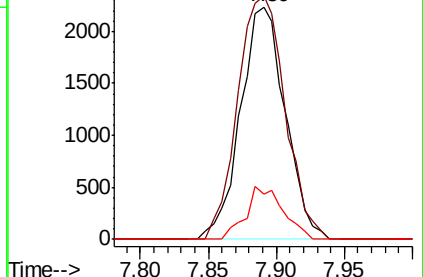
192 18.7 15.0 22.6



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: 5.225 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.12 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

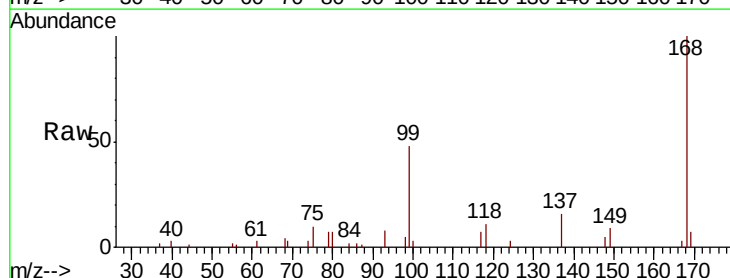
Tgt Ion: 75 Resp: 1004

Ion Ratio Lower Upper

75 100

110 1.9 18.0 54.0#

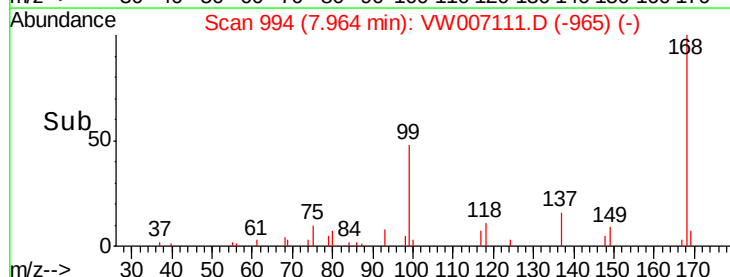
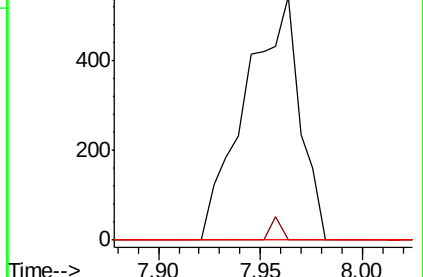
77 0.0 24.9 37.3#

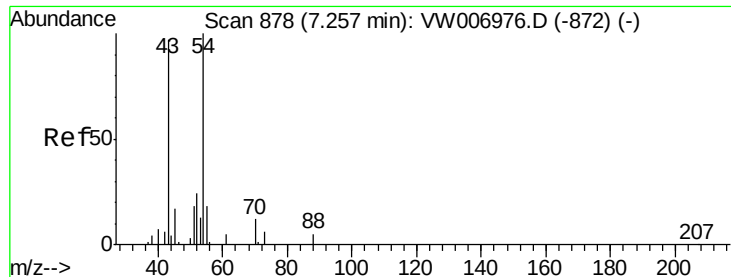


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

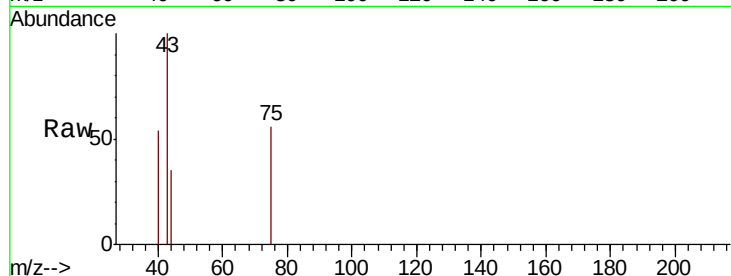




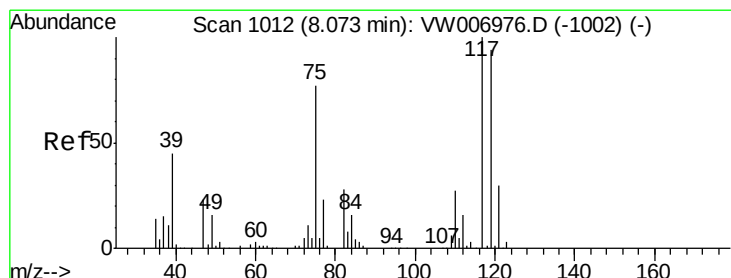
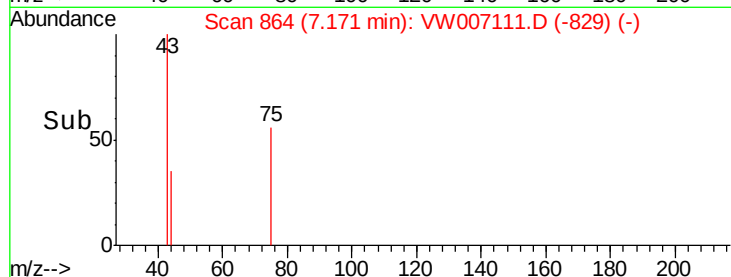
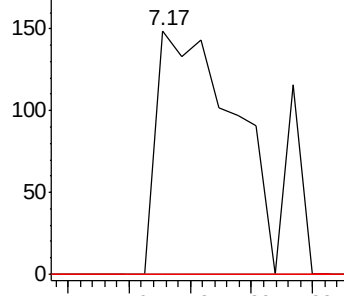
#37
Ethyl Acetate
Concen: 3.763 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.09 min
Lab File: VW007111.D
Acq: 28 Nov 2018 14:17

Instrument :
MSVOA_W
ClientSampleId :
RCA-07

Tot Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.8 13.2#

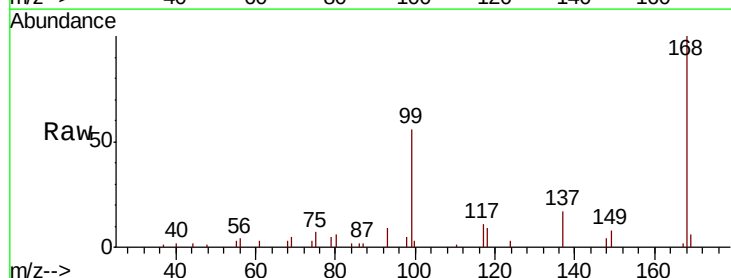


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

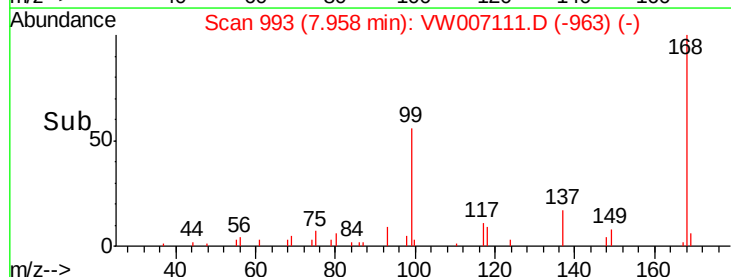
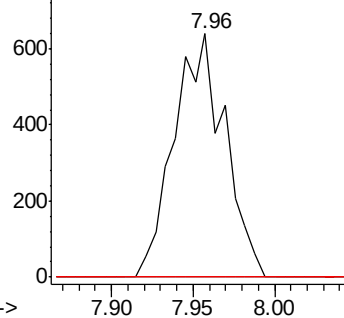


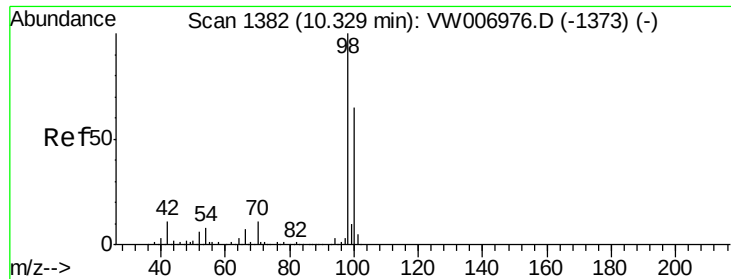
#38
Carbon Tetrachloride
Concen: 7.543 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW007111.D
Acq: 28 Nov 2018 14:17

Tgt Ion: 117 Resp: 1388
Ion Ratio Lower Upper
117 100
119 0.0 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

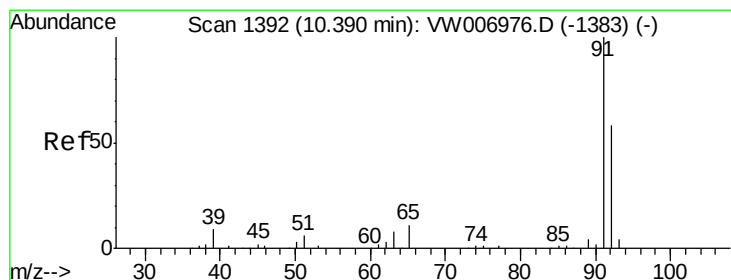
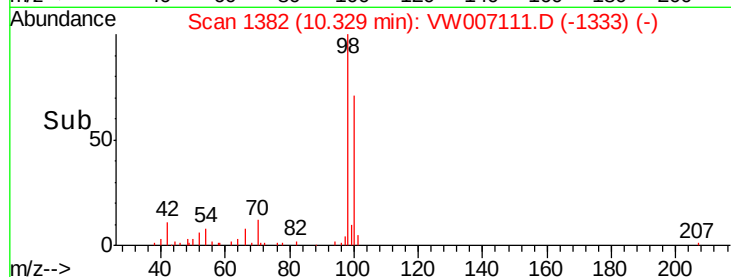
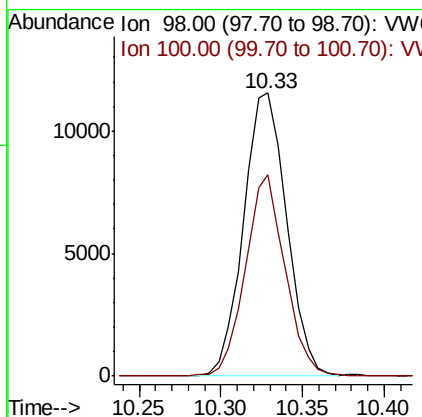
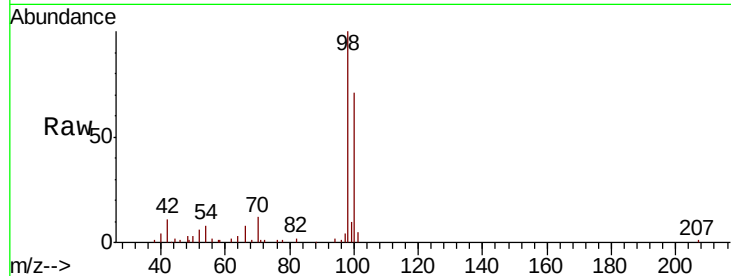




#50
Toluene-d8
Concen: 43.282 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007111.D
Acq: 28 Nov 2018 14:17

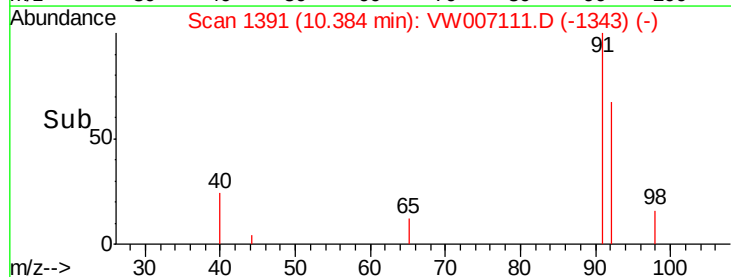
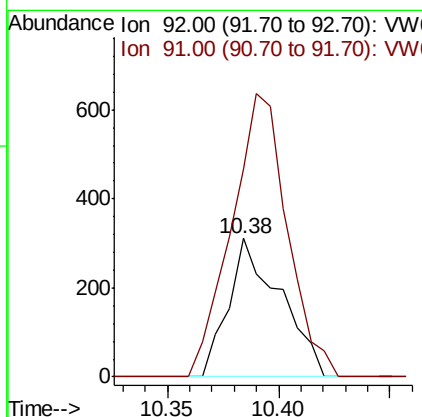
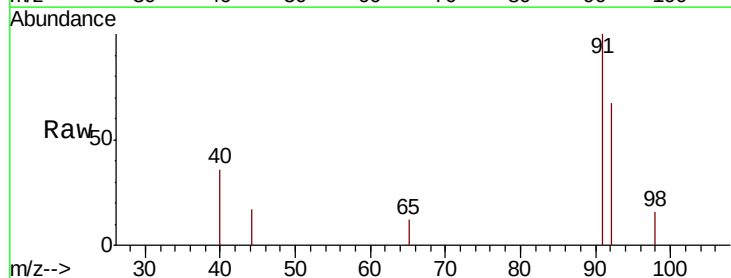
Instrument :
MSVOA_W
ClientSampled :
RCA-07

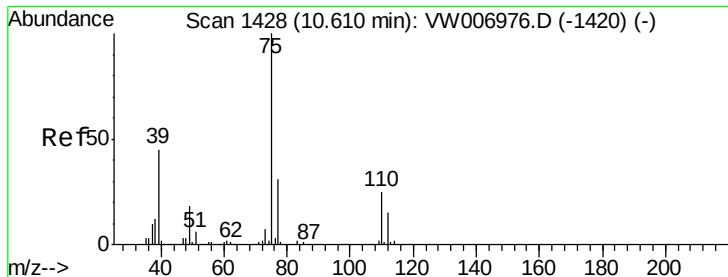
Tot Ion: 98 Resp: 21223
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#52
Toluene
Concen: 1.422 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007111.D
Acq: 28 Nov 2018 14:17

Tgt Ion: 92 Resp: 502
Ion Ratio Lower Upper
92 100
91 220.7 137.3 205.9#





#53

t-1,3-Dichloropropene

Concen: 1.193 ug/l

RT: 10.72 min Scan# 1446

Delta R.T. 0.11 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampled :

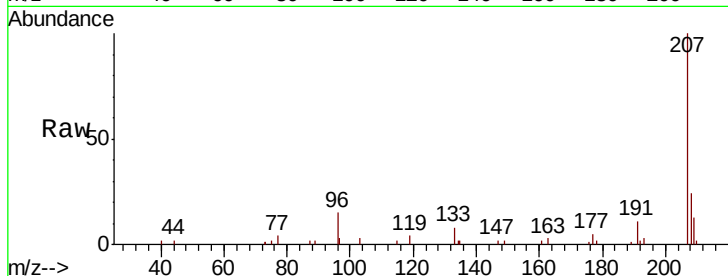
RCA-07

Tot Ion: 75 Resp: 195

Ion Ratio Lower Upper

75 100

77 65.6 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

400

300

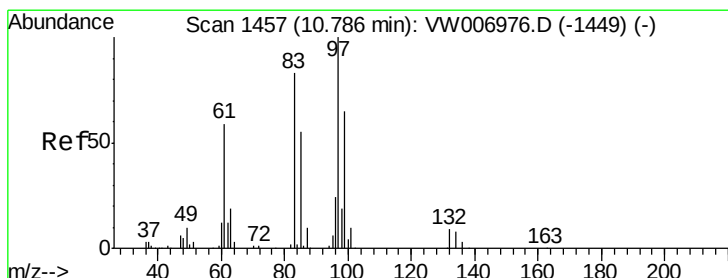
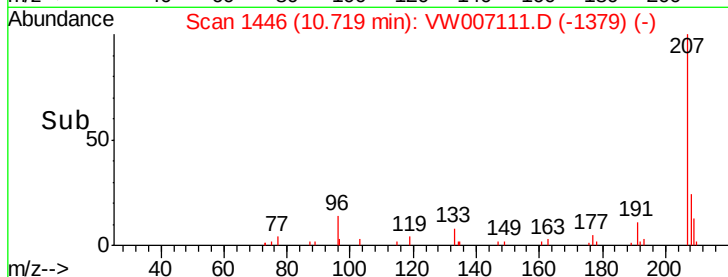
200

100

0

10.72

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.284 ug/l

RT: 10.75 min Scan# 1451

Delta R.T. -0.04 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Tgt Ion: 97 Resp: 121

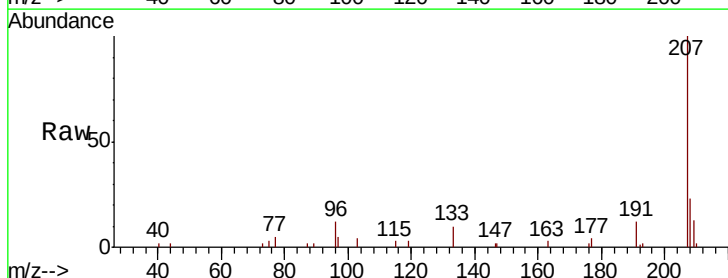
Ion Ratio Lower Upper

97 100

83 0.0 66.4 99.6#

85 0.0 44.1 66.1#

99 0.0 51.7 77.5#



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

250

200

150

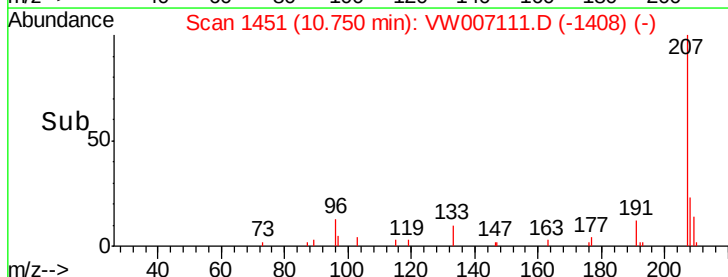
100

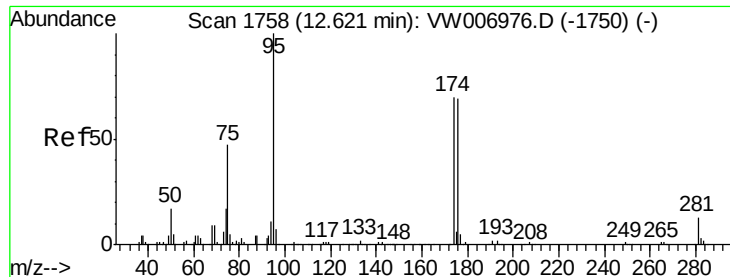
50

0

10.75

Time-->

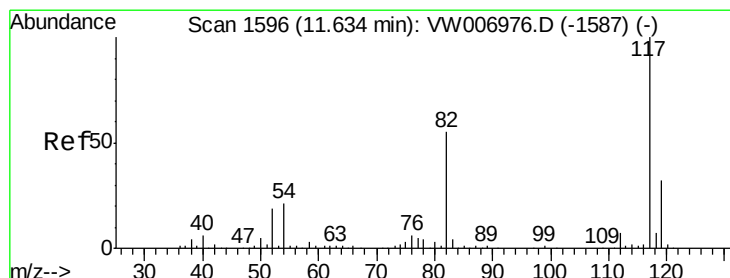
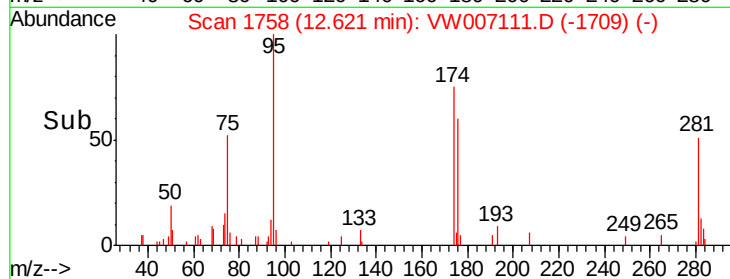
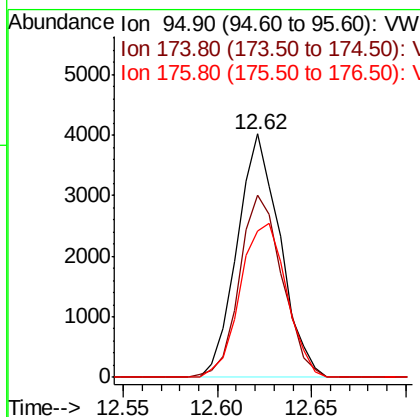
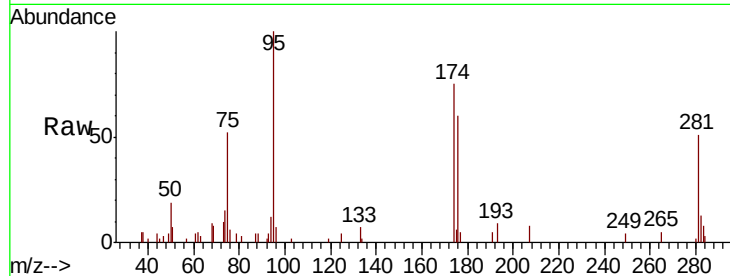




#62
4-Bromofluorobenzene
Concen: 32.820 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007111.D
Acq: 28 Nov 2018 14:17

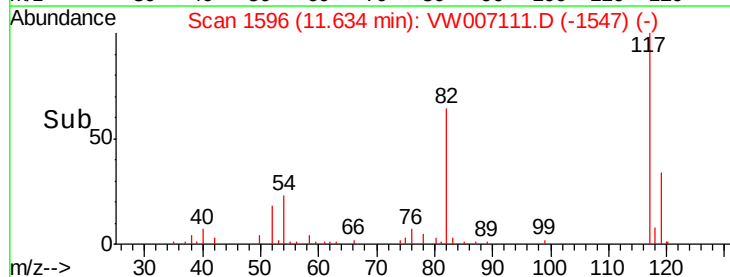
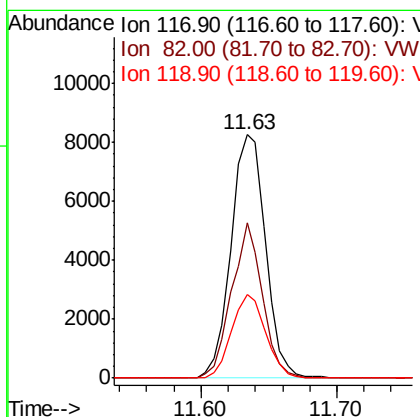
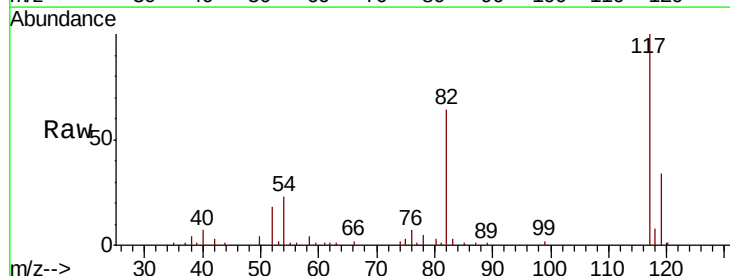
Instrument :
MSVOA_W
ClientSampled :
RCA-07

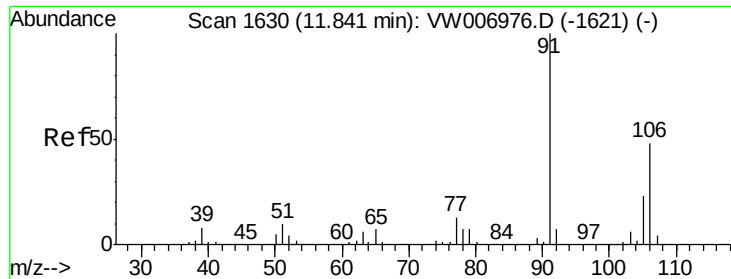
Tot Ion: 95 Resp: 6333
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.6
176 68.2 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007111.D
Acq: 28 Nov 2018 14:17

Tgt Ion: 117 Resp: 14598
Ion Ratio Lower Upper
117 100
82 64.0 44.2 66.2
119 34.4 25.9 38.9





#68

m/p-Xylenes

Concen: 1.771 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

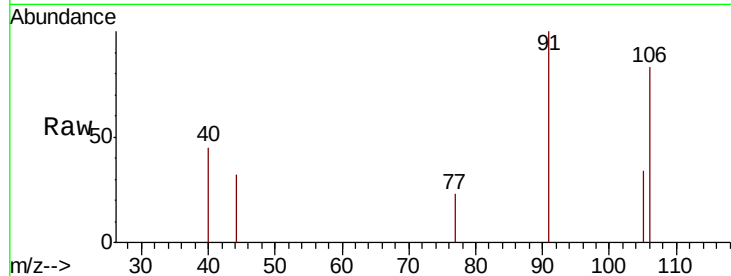
RCA-07

Tot Ion:106 Resp: 389

Ion Ratio Lower Upper

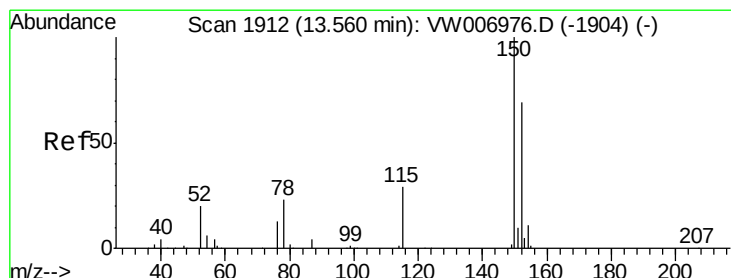
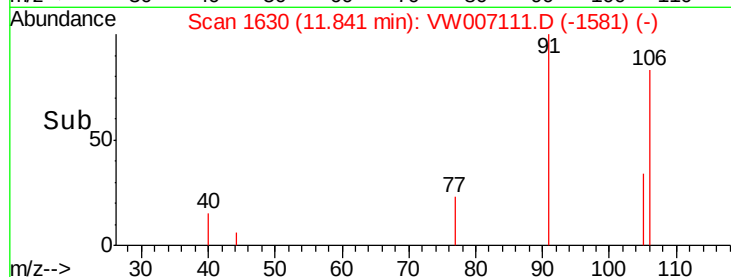
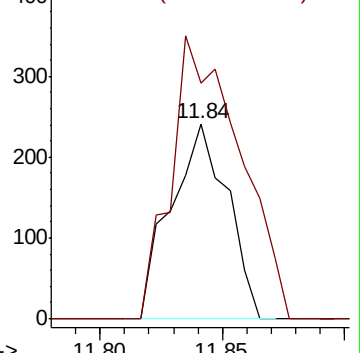
106 100

91 175.6 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

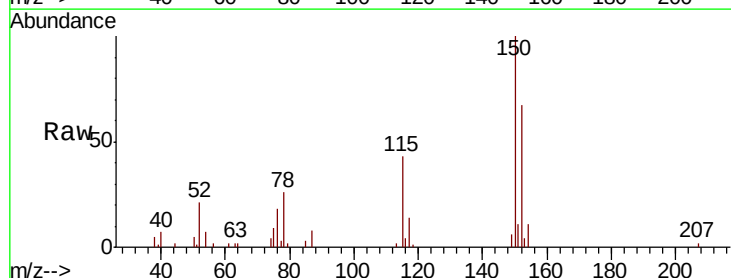
Tgt Ion:152 Resp: 4519

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.2

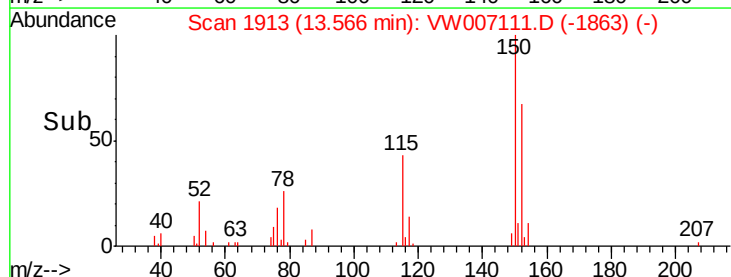
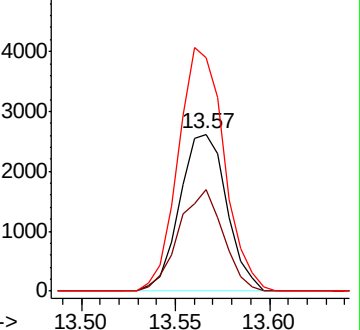
150 151.3 0.0 353.4

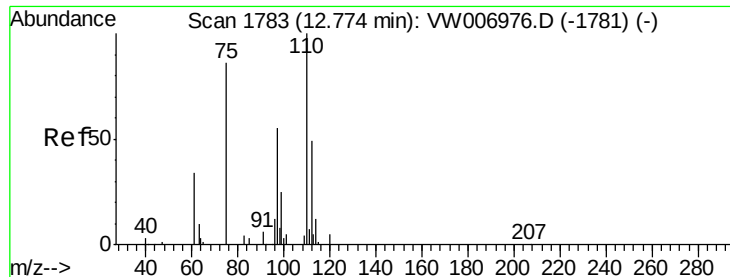


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 86.342 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

Instrument :

MSVOA_W

ClientSampled :

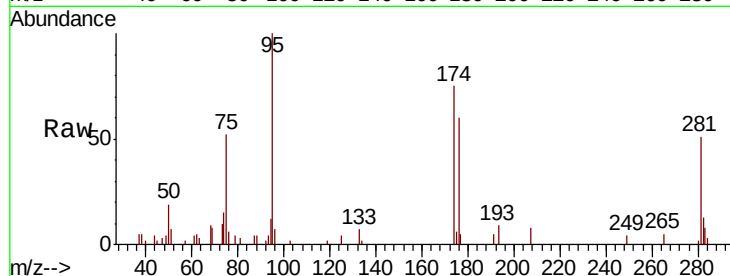
RCA-07

Tot Ion: 75 Resp: 3066

Ion Ratio Lower Upper

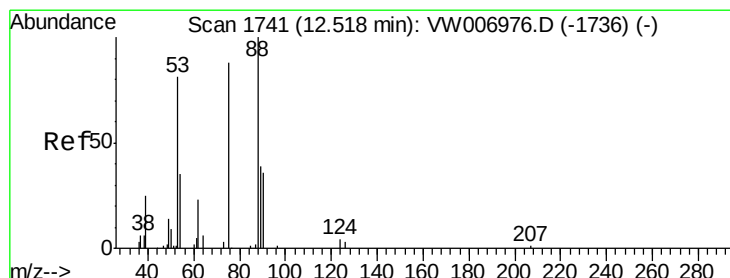
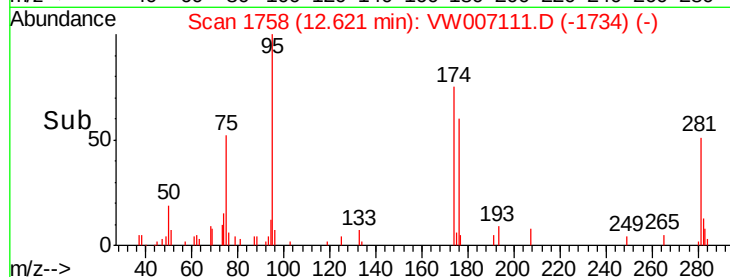
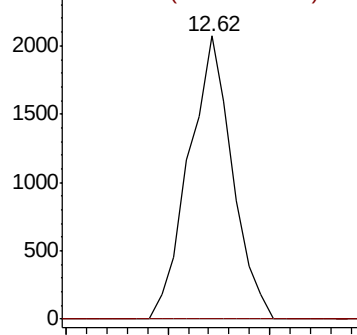
75 100

77 0.0 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: 216.770 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007111.D

Acq: 28 Nov 2018 14:17

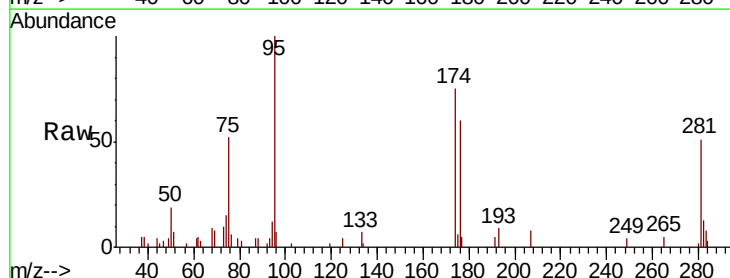
Tgt Ion: 75 Resp: 3066

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

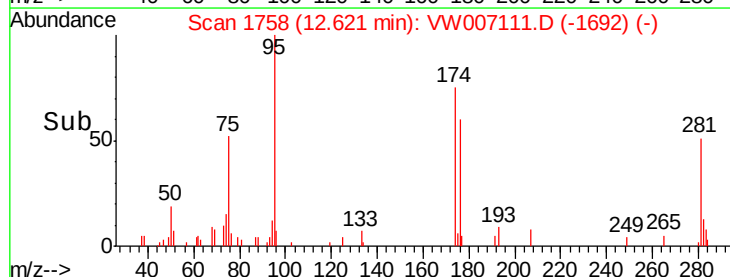
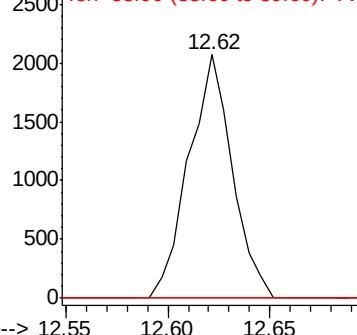
89 0.0 39.3 58.9#

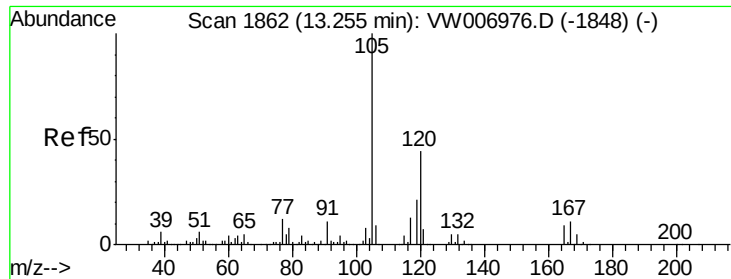


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

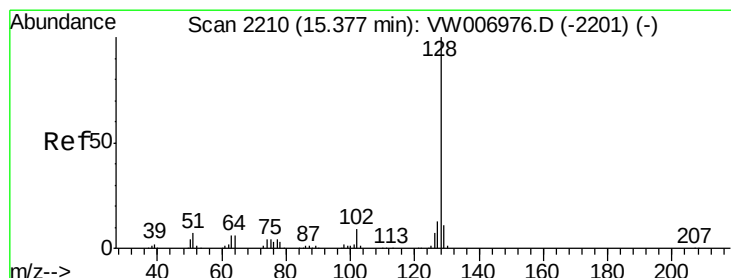
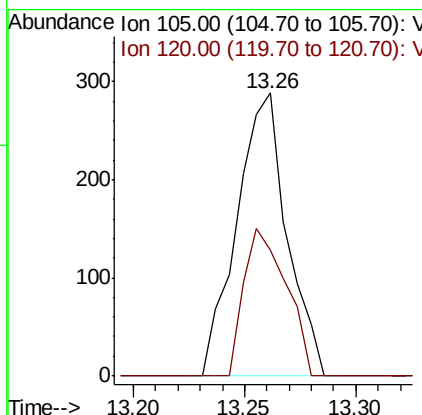
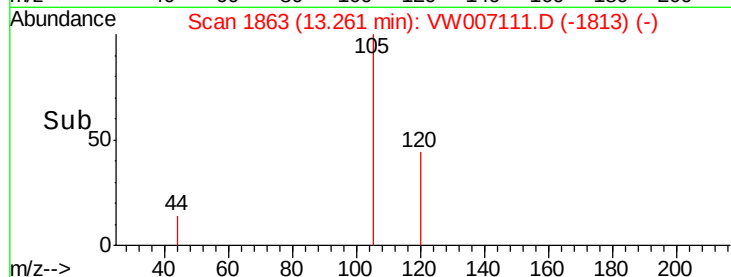
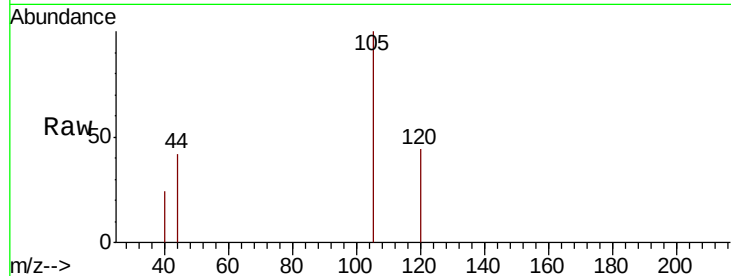




#84
 1,2,4-Trimethylbenzene
 Concen: 1.494 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW007111.D
 Acq: 28 Nov 2018 14:17

Instrument :
 MSVOA_W
 ClientSampled :
 RCA-07

Tot Ion:105 Resp: 452
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.8 65.3



#95
 Naphthalene
 Concen: 1.647 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007111.D
 Acq: 28 Nov 2018 14:17

Tgt Ion:128 Resp: 266
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.7 13.1#

