

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005509.D
 Acq On : 19 Sep 2018 06:12
 Operator : SY/AP
 Sample : J4979-01
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-202

Quant Time: Sep 19 07:11:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	18039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	26996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	22081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5881	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9278	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.34	98	23890	34.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.92%	
62) 4-Bromofluorobenzene	12.63	95	6251	24.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.18%	

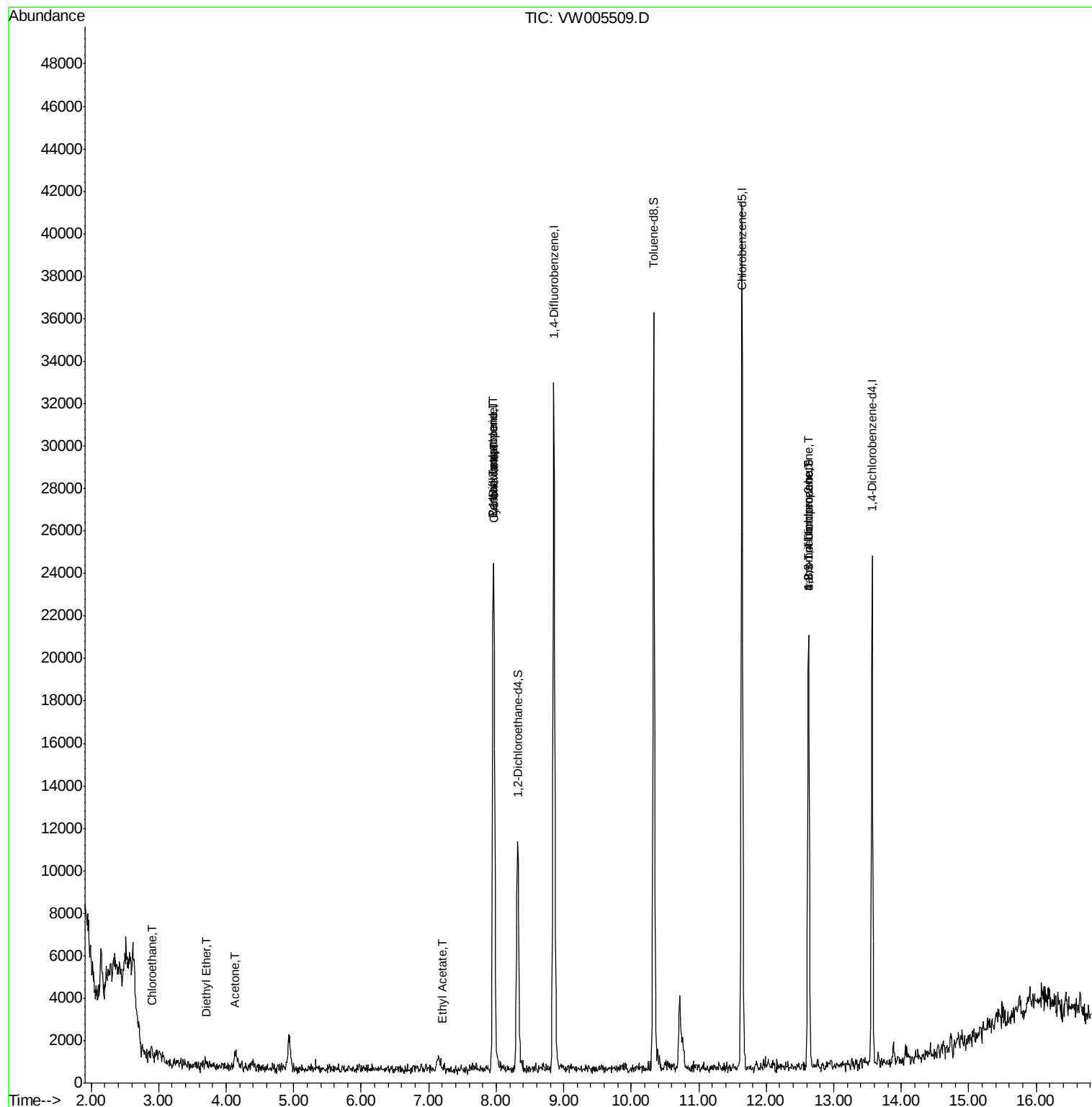
Target Compounds					Qvalue	
5) Bromomethane	2.53	94	60	Below Cal	#	4
6) Chloroethane	2.91	64	142	1.201	ug/l #	43
8) Diethyl Ether	3.70	74	83	1.057	ug/l #	13
13) Acrolein	3.86	56	27	Below Cal	#	12
16) Acetone	4.13	43	707	8.878	ug/l #	78
20) Methylene Chloride	4.94	84	997	Below Cal		95
31) Cyclohexane	7.97	56	503	1.683	ug/l #	9
36) 1,1-Dichloropropene	7.96	75	1701	6.658	ug/l #	45
37) Ethyl Acetate	7.21	43	156	1.501	ug/l #	68
38) Carbon Tetrachloride	7.96	117	2017	7.576	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	3351	69.279	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	3351	179.713	ug/l #	8

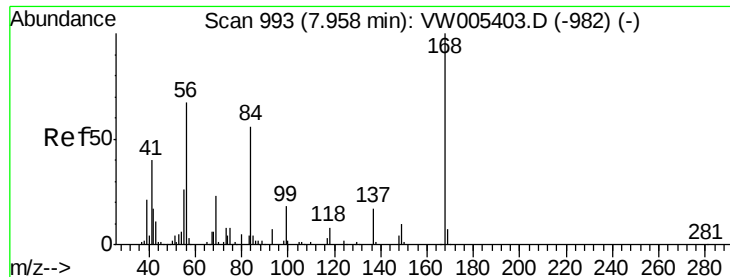
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
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Quant Time: Sep 19 07:11:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005509.D

Acq: 19 Sep 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

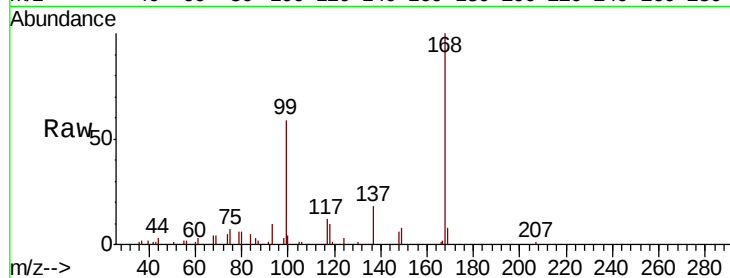
VNJ-202

Tgt Ion:168 Resp: 18039

Ion Ratio Lower Upper

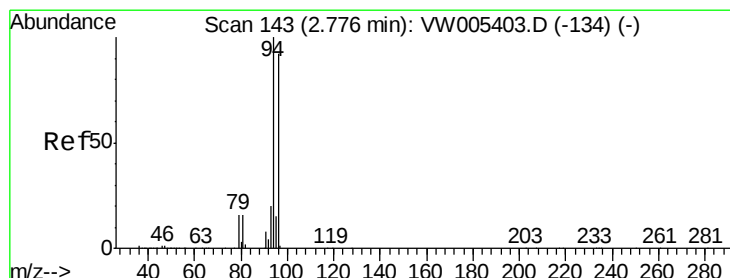
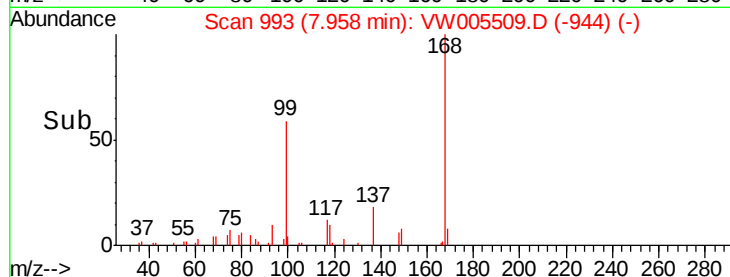
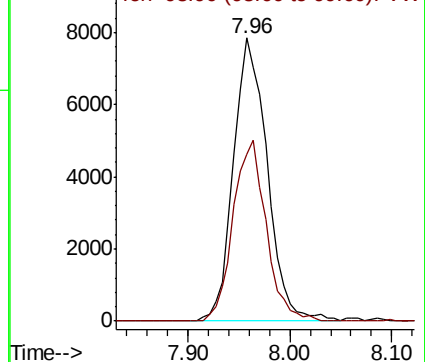
168 100

99 58.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 103

Delta R.T. -0.24 min

Lab File: VW005509.D

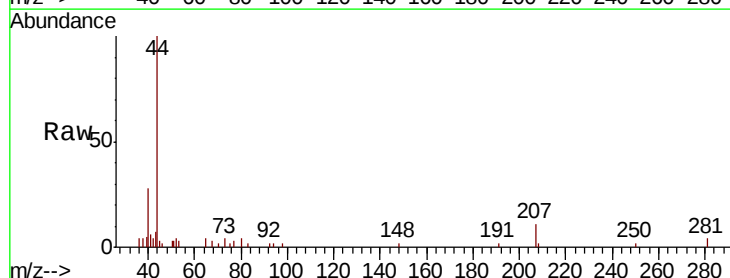
Acq: 19 Sep 2018 06:12

Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

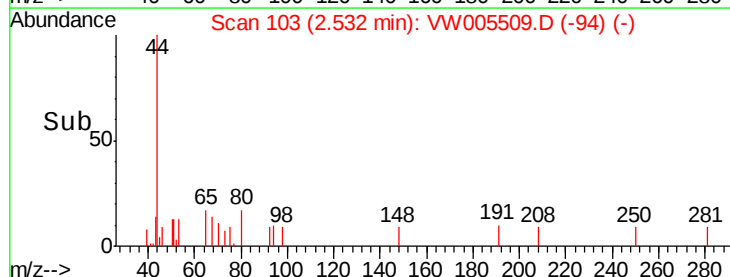
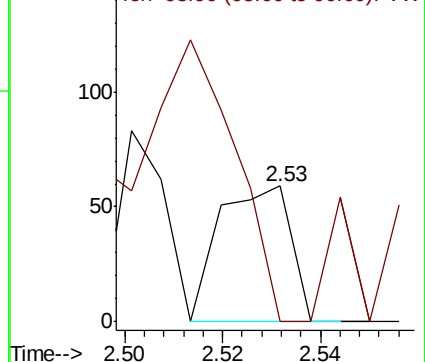
94 100

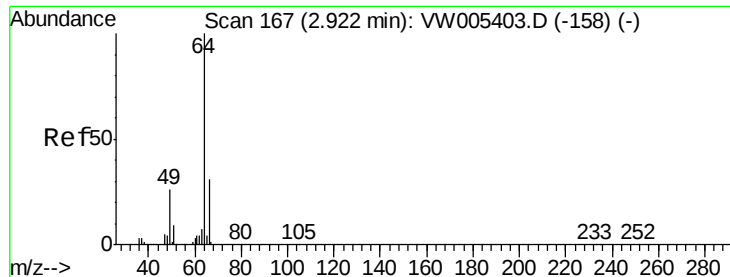
96 0.0 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#6

Chloroethane

Concen: 1.201 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005509.D

Acq: 19 Sep 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

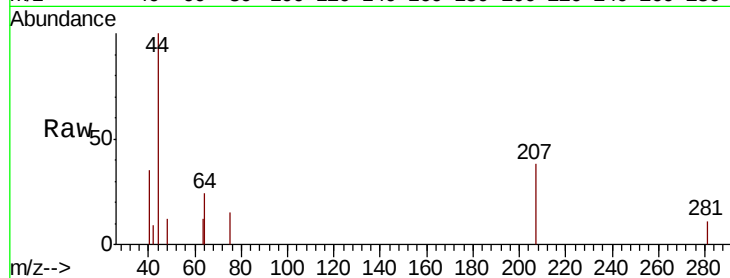
VNJ-202

Tgt Ion: 64 Resp: 142

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

200

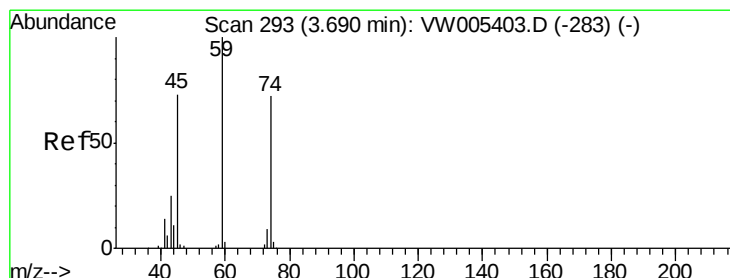
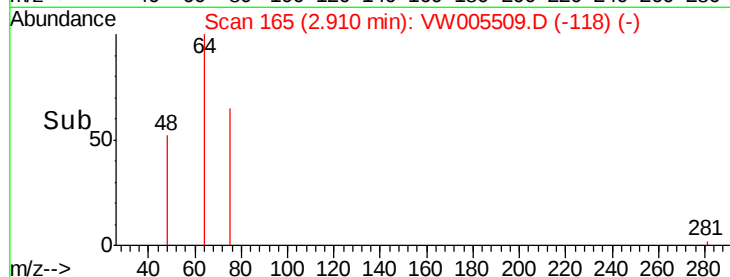
150

100

50

0

Time-->



#8

Diethyl Ether

Concen: 1.057 ug/l

RT: 3.70 min Scan# 295

Delta R.T. 0.01 min

Lab File: VW005509.D

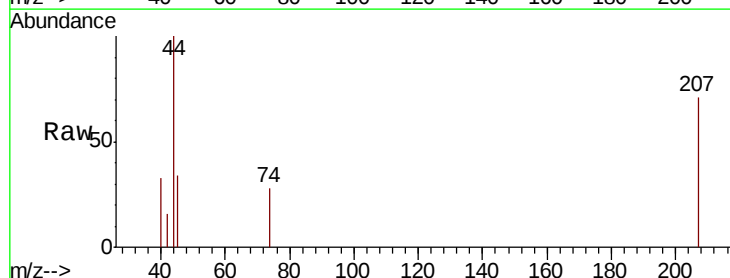
Acq: 19 Sep 2018 06:12

Tgt Ion: 74 Resp: 83

Ion Ratio Lower Upper

74 100

45 196.4 53.1 159.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

200

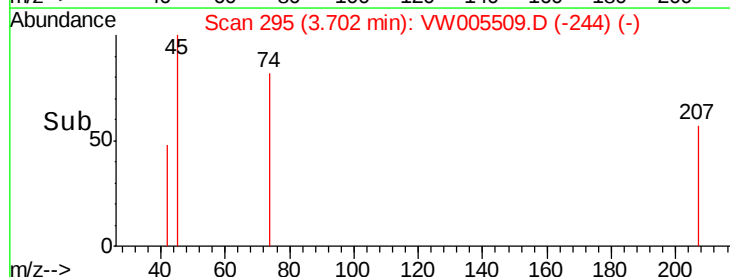
150

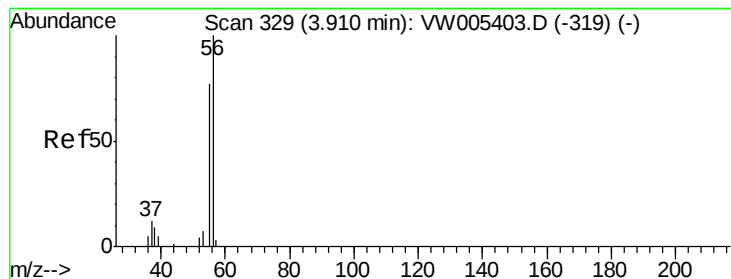
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.86 min Scan# 321

Delta R.T. -0.05 min

Lab File: VW005509.D

Acq: 19 Sep 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

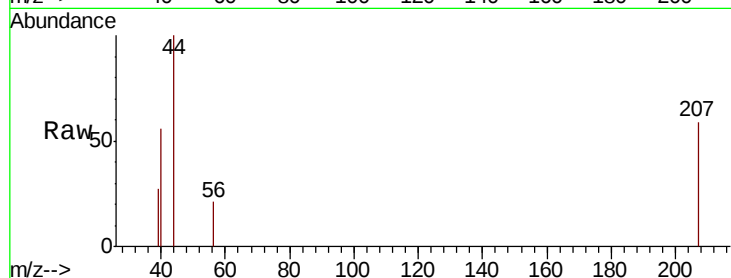
VNJ-202

Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

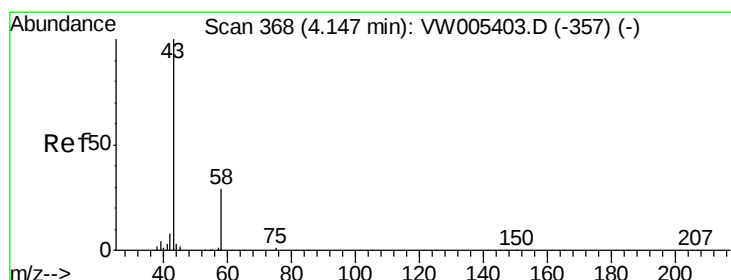
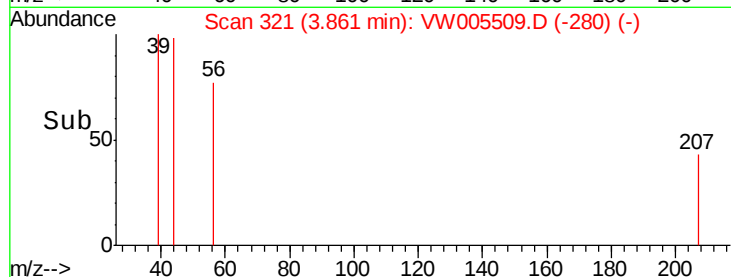
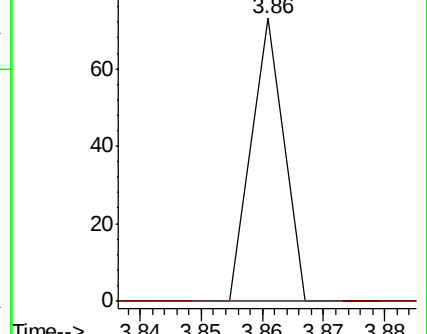
56 100

55 0.0 59.8 89.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 8.878 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005509.D

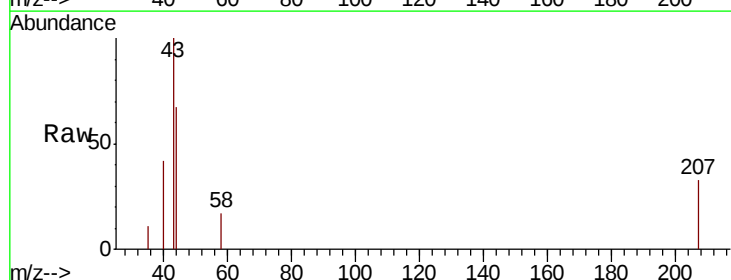
Acq: 19 Sep 2018 06:12

Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

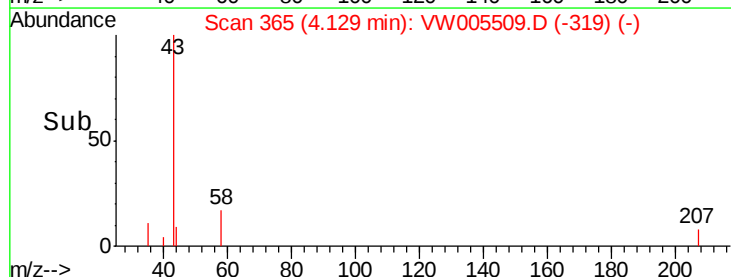
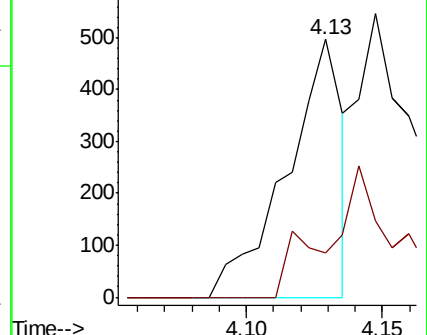
43 100

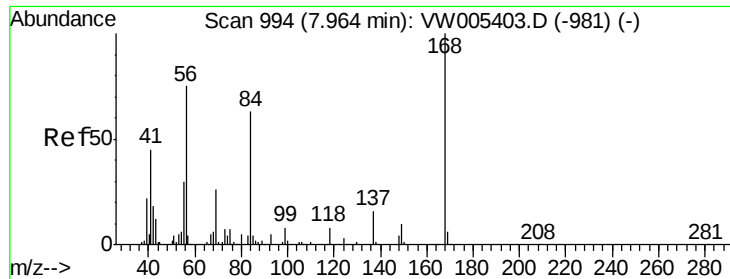
58 16.9 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

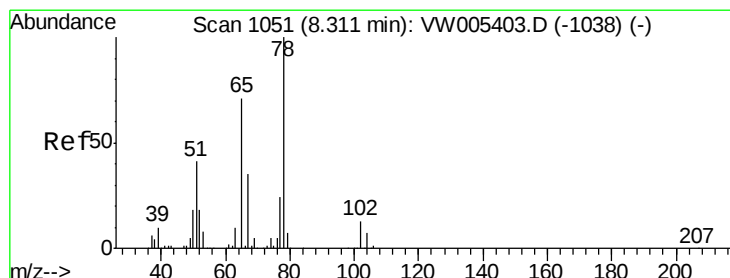
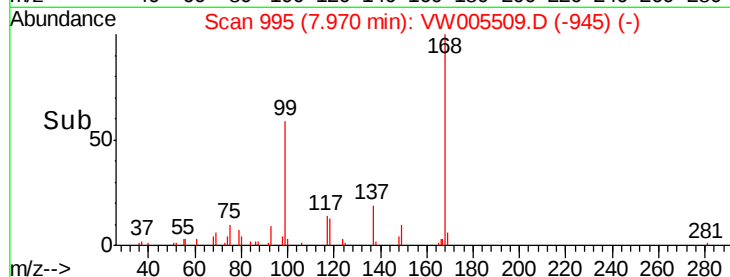
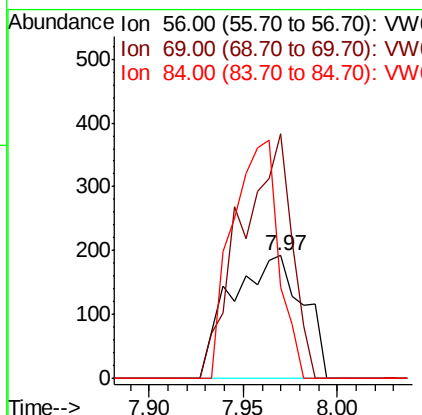
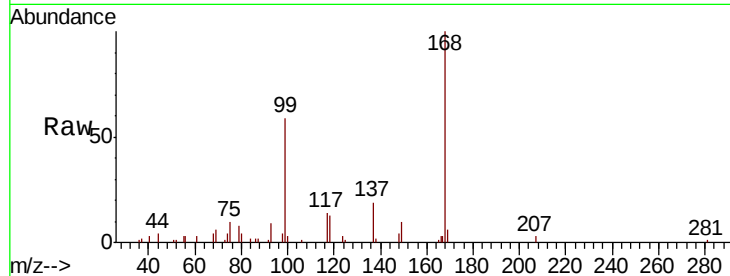




#31
Cyclohexane
Concen: 1.683 ug/l
RT: 7.97 min Scan# 995
Delta R.T. 0.01 min
Lab File: VW005509.D
Acq: 19 Sep 2018 06:12

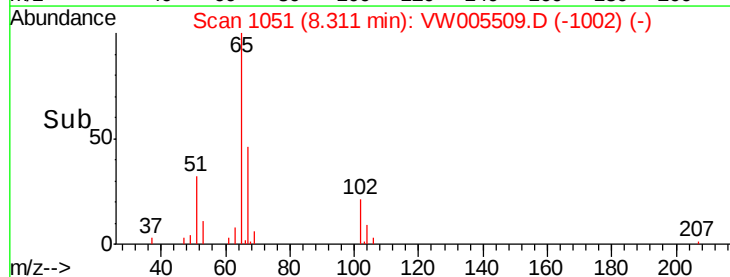
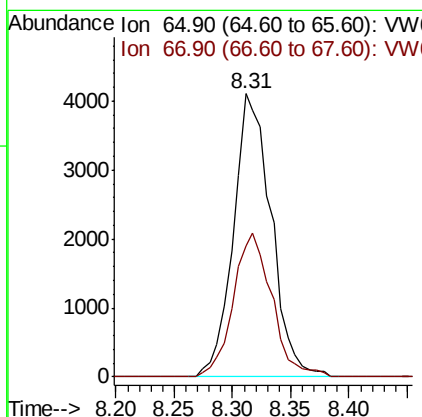
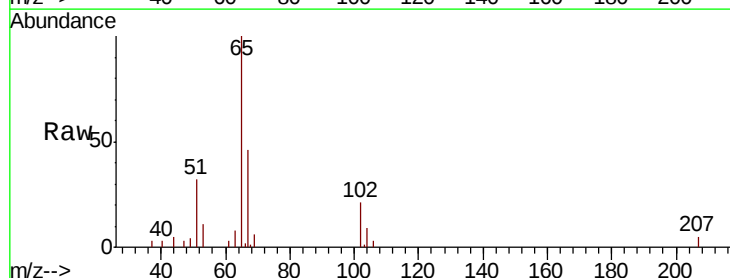
Instrument :
MSVOA_W
ClientSampled :
VNJ-202

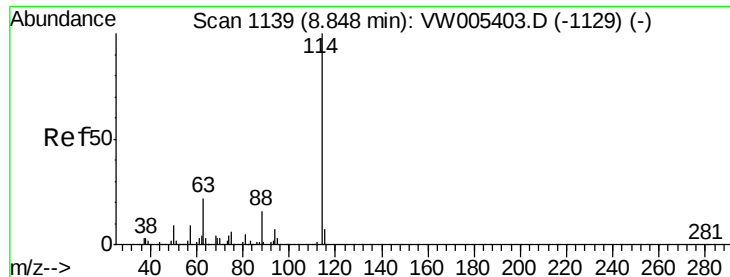
Tgt Ion: 56 Resp: 503
Ion Ratio Lower Upper
56 100
69 199.5 27.2 40.8#
84 74.0 66.7 100.1



#33
1,2-Dichloroethane-d4
Concen: 49.550 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005509.D
Acq: 19 Sep 2018 06:12

Tgt Ion: 65 Resp: 9278
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.6

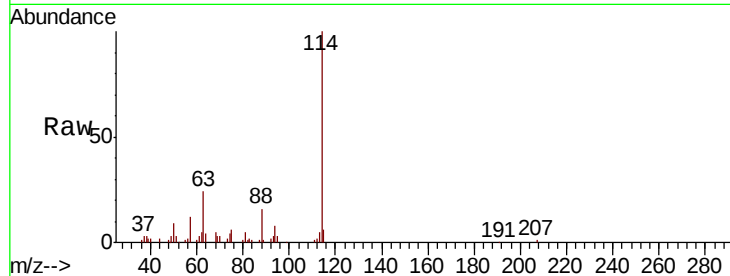




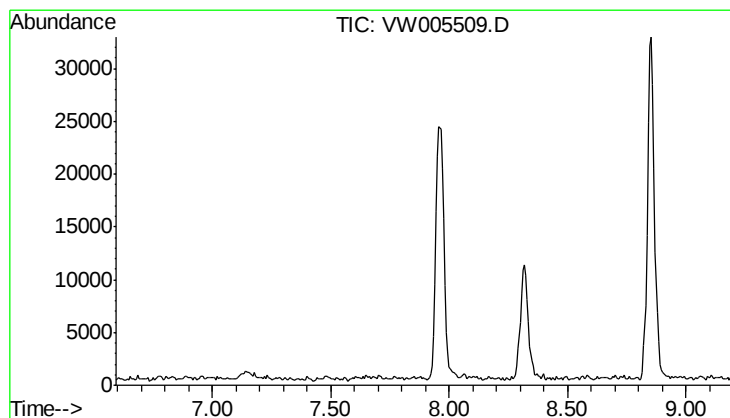
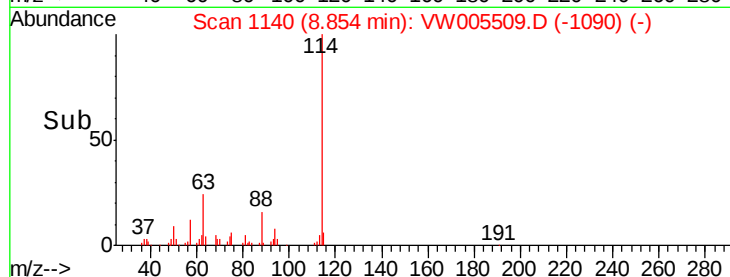
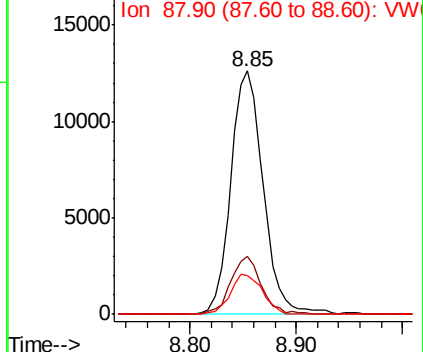
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005509.D
 Acq: 19 Sep 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-202

Tgt Ion: 114 Resp: 26996
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 43.4
 88 16.2 0.0 31.8

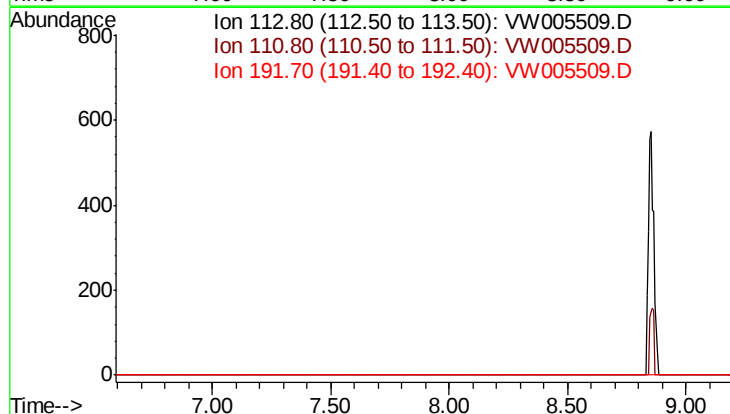


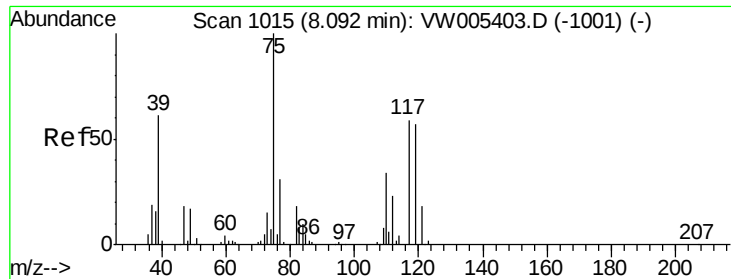
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.89 min
 Lab File: VW005509.D
 Acq: 19 Sep 2018 06:12

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 102.9
 192 20.6

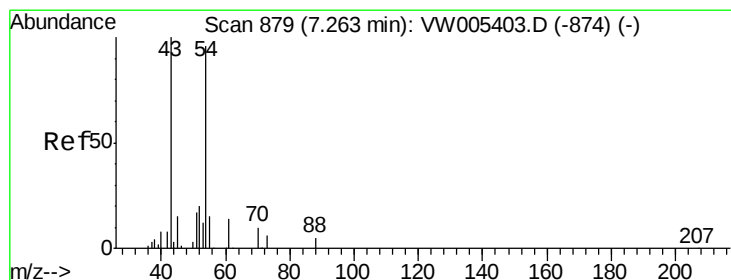
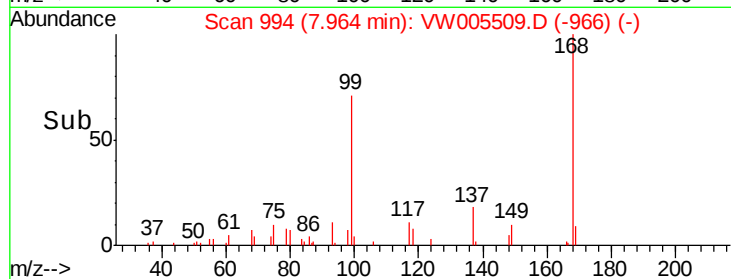
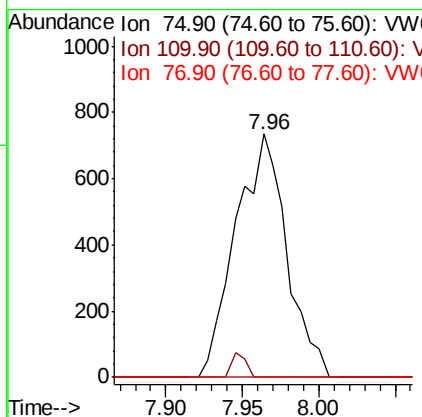
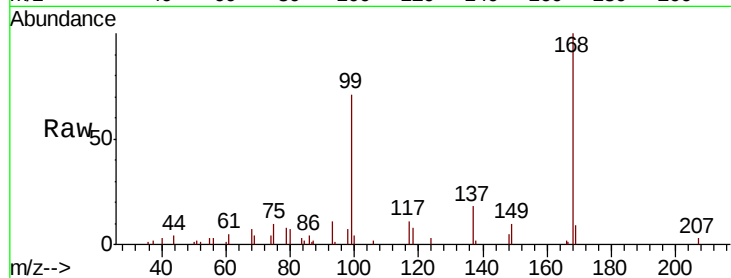




#36
 1,1-Dichloropropene
 Concen: 6.658 ug/l
 RT: 7.96 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VW005509.D
 Acq: 19 Sep 2018 06:12

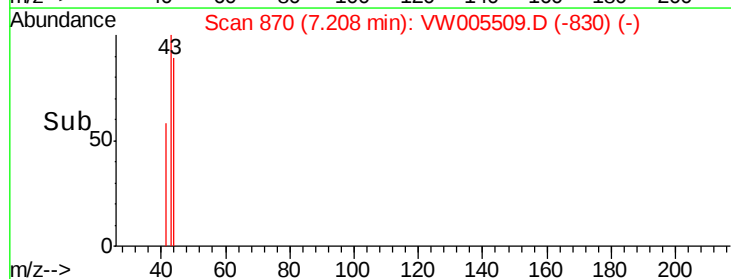
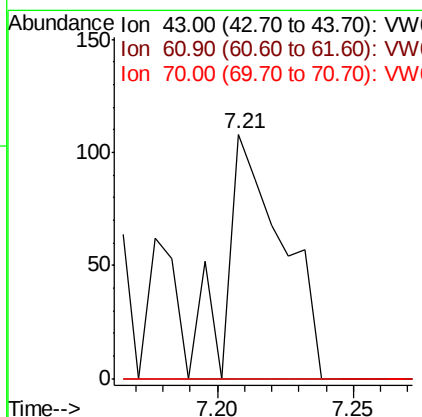
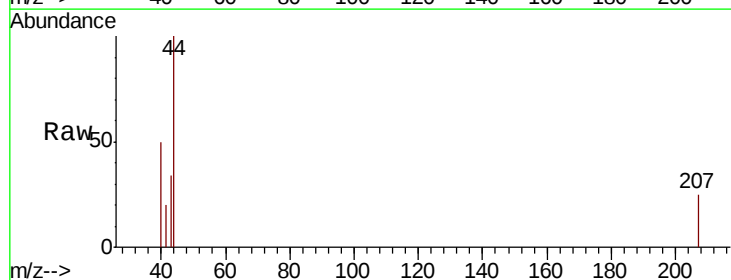
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-202

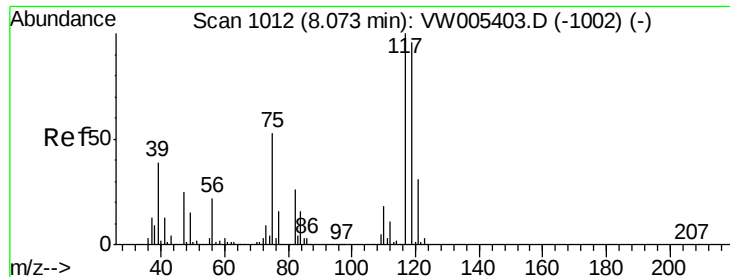
Tgt Ion: 75 Resp: 1701
 Ion Ratio Lower Upper
 75 100
 110 2.8 16.8 50.4#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 1.501 ug/l
 RT: 7.21 min Scan# 870
 Delta R.T. -0.05 min
 Lab File: VW005509.D
 Acq: 19 Sep 2018 06:12

Tgt Ion: 43 Resp: 156
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.3 16.9#
 70 0.0 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 7.576 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005509.D

Acq: 19 Sep 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

VNJ-202

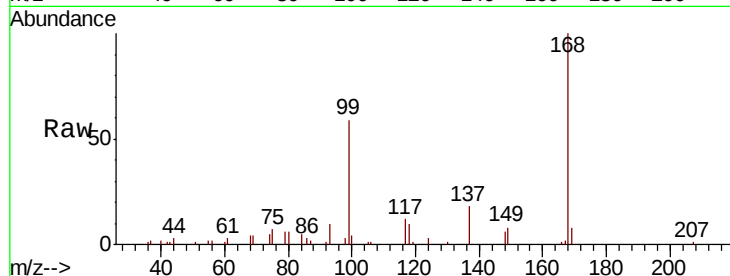
Tgt Ion:117 Resp: 2017

Ion Ratio Lower Upper

117 100

119 8.4 76.8 115.2#

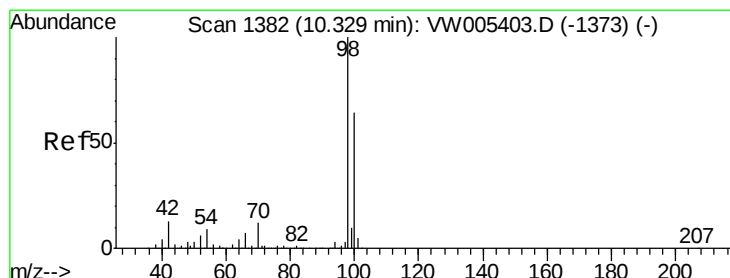
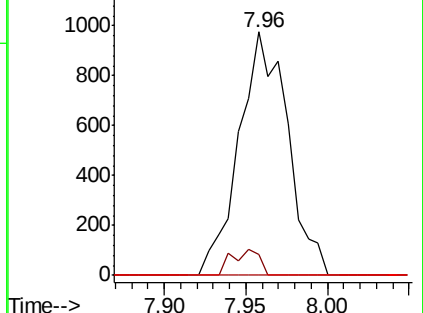
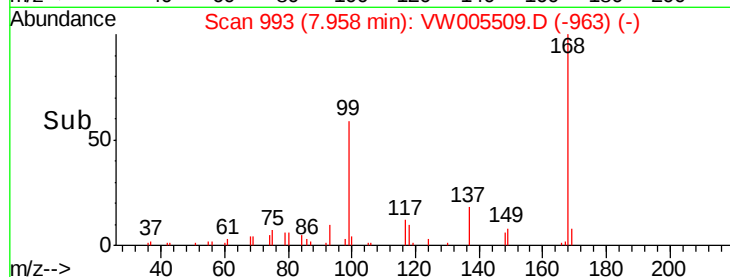
121 0.0 24.7 37.1#



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: 34.465 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW005509.D

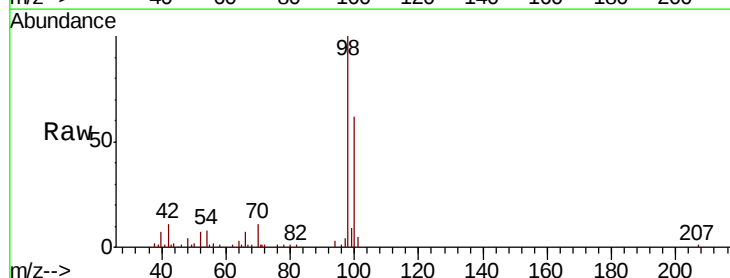
Acq: 19 Sep 2018 06:12

Tgt Ion: 98 Resp: 23890

Ion Ratio Lower Upper

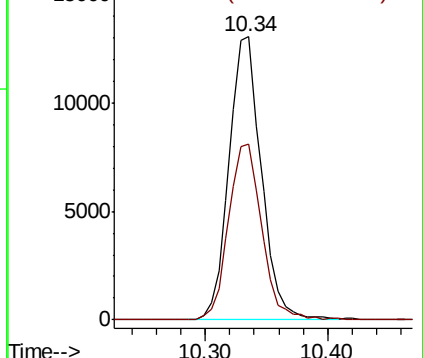
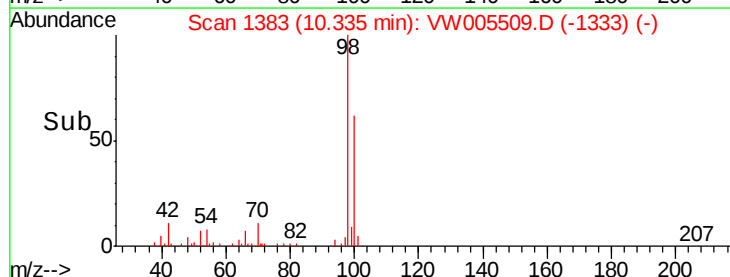
98 100

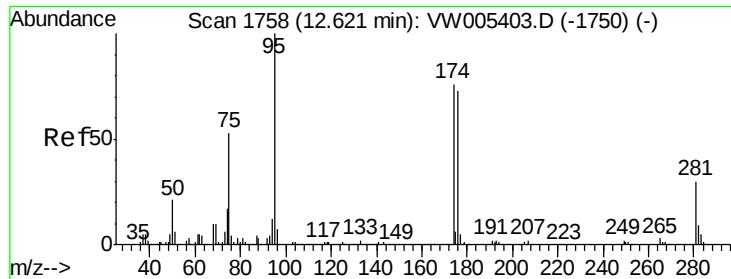
100 63.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

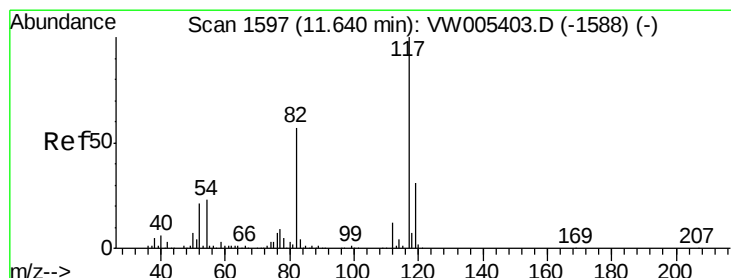
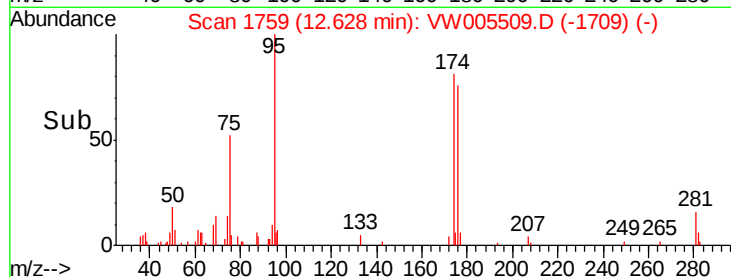
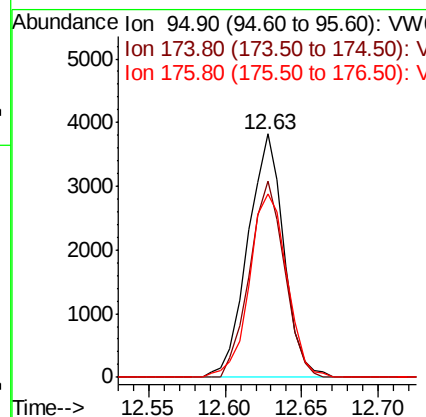
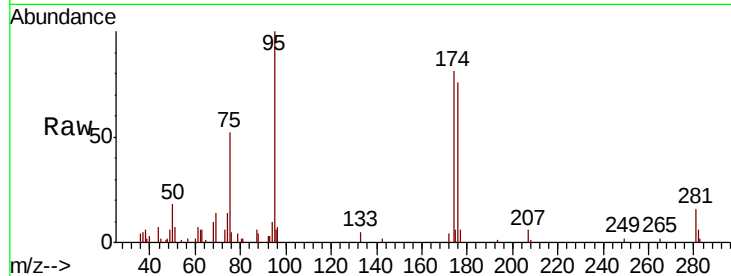




#62
4-Bromofluorobenzene
Concen: 24.594 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005509.D
Acq: 19 Sep 2018 06:12

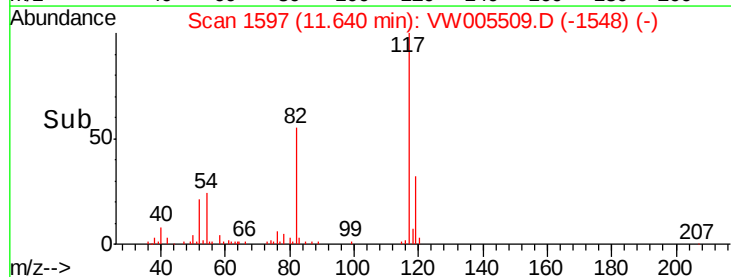
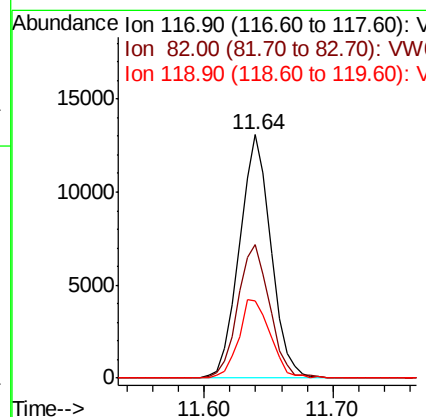
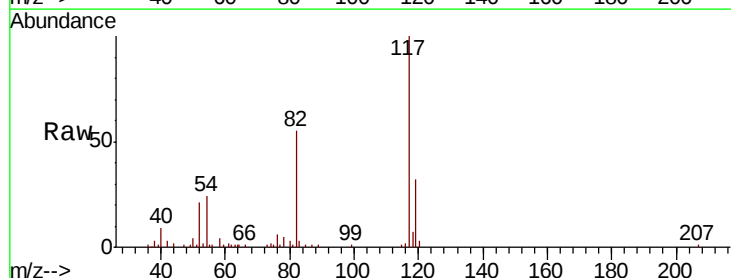
Instrument :
MSVOA_W
ClientSampleId :
VNJ-202

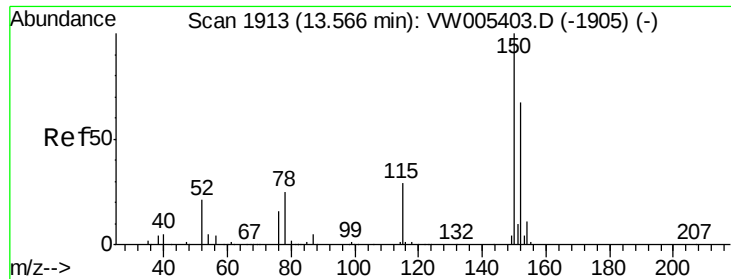
Tgt Ion: 95 Resp: 6251
Ion Ratio Lower Upper
95 100
174 78.2 0.0 161.2
176 78.4 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005509.D
Acq: 19 Sep 2018 06:12

Tgt Ion: 117 Resp: 22081
Ion Ratio Lower Upper
117 100
82 55.0 45.9 68.9
119 31.7 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005509.D

Acq: 19 Sep 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

VNJ-202

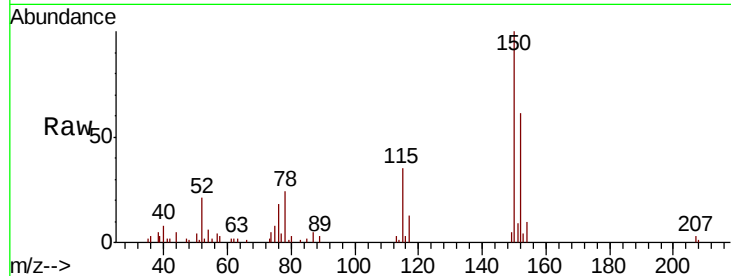
Tgt Ion:152 Resp: 5881

Ion Ratio Lower Upper

152 100

115 61.7 29.5 88.5

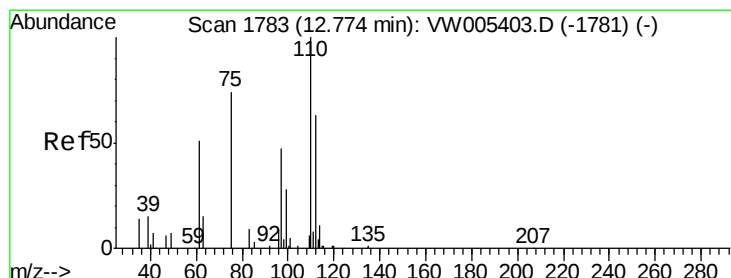
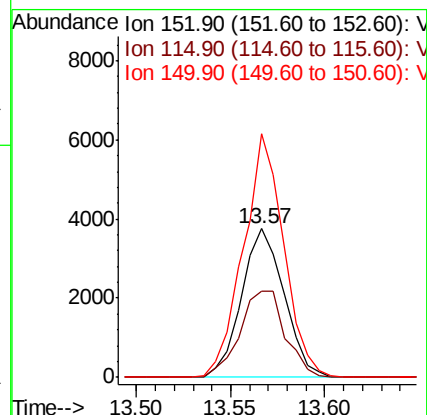
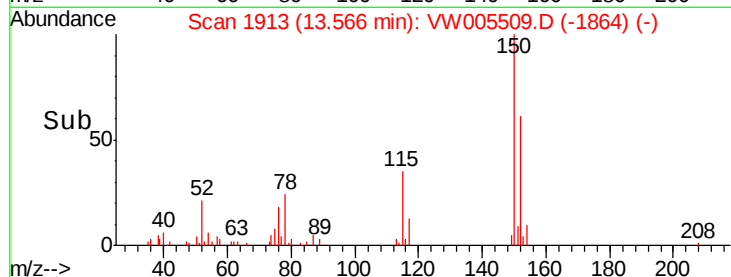
150 155.4 0.0 345.6



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: 69.279 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005509.D

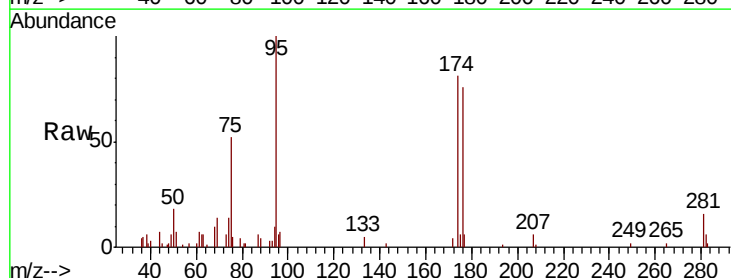
Acq: 19 Sep 2018 06:12

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

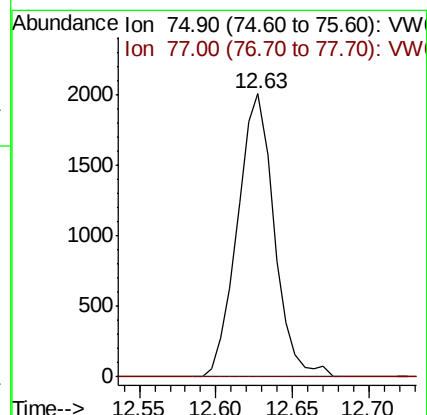
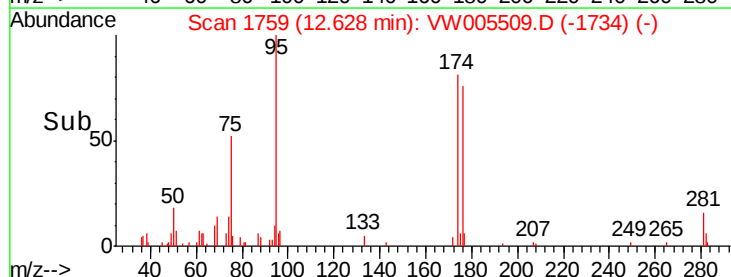
75 100

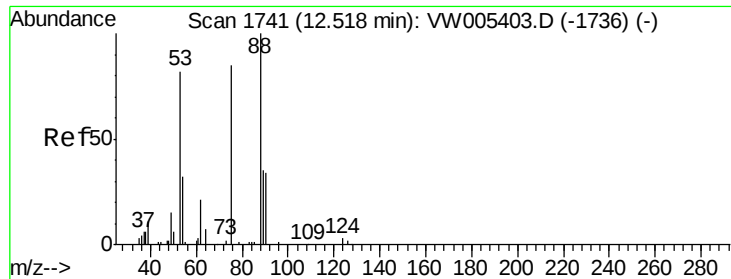
77 0.0 0.0 0.0



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: 179.713 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005509.D

Acq: 19 Sep 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

VNJ-202

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

75 100

53 0.0 83.2 124.8#

89 0.0 36.6 54.8#

