

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005511.D
 Acq On : 19 Sep 2018 07:03
 Operator : SY/AP
 Sample : J4975-01
 Misc : 4.00G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-220

Quant Time: Sep 19 08:32:27 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	241972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143984	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	107399	42.76	ug/l	0.00
Spiked Amount			Recovery	=	85.52%	
35) Dibromofluoromethane	7.96	113	488	0.22	ug/l	0.07
Spiked Amount			Recovery	=	0.44%	
50) Toluene-d8	10.33	98	378562	36.79	ug/l	0.00
Spiked Amount			Recovery	=	73.58%	
62) 4-Bromofluorobenzene	12.63	95	124115	32.89	ug/l	0.00
Spiked Amount			Recovery	=	65.78%	

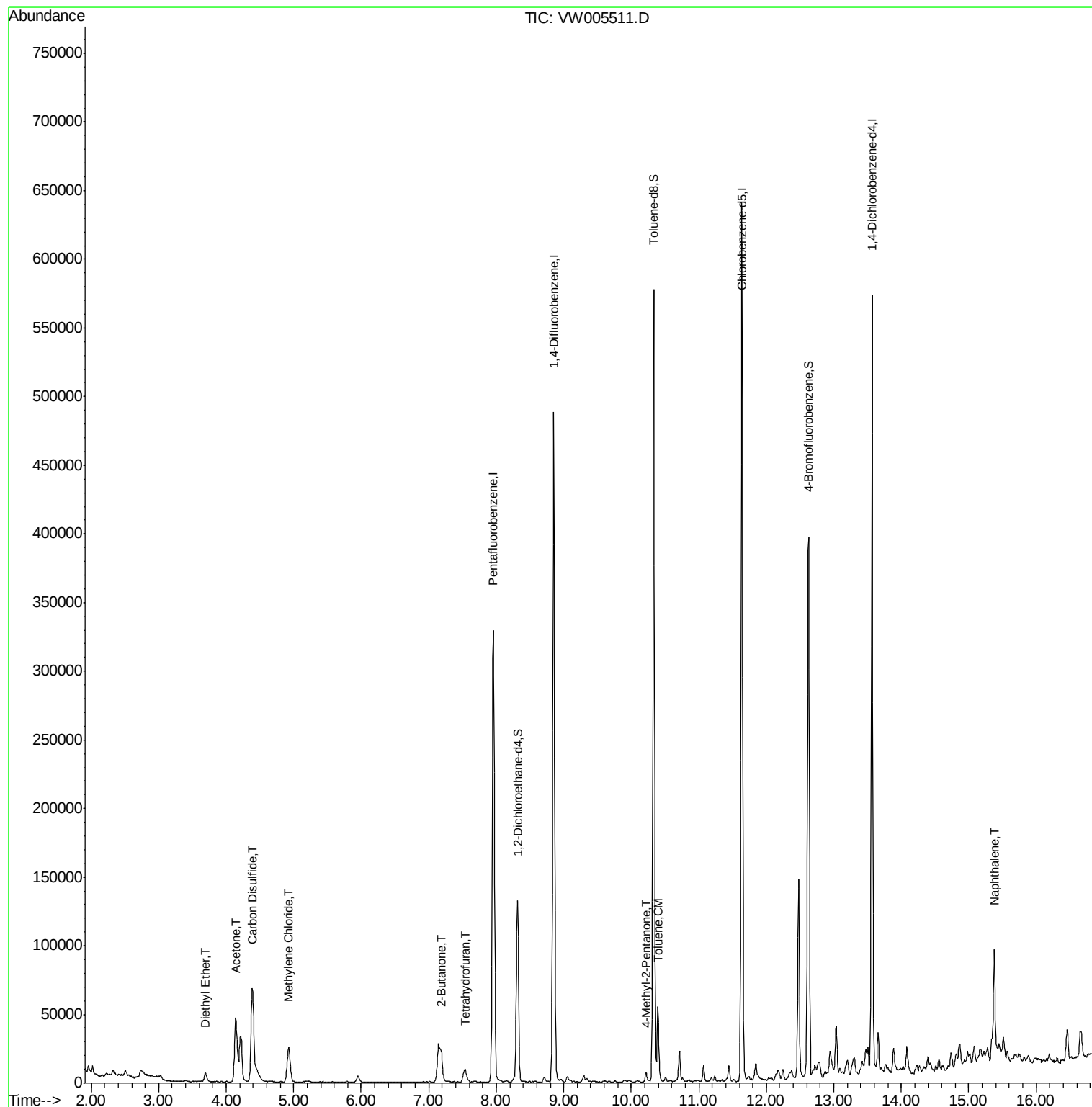
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	2945	2.80	ug/l	86
16) Acetone	4.14	43	89133	246.52	ug/l	98
17) Carbon Disulfide	4.39	76	137753	20.89	ug/l	99
20) Methylene Chloride	4.93	84	18290	1.81	ug/l	96
25) 2-Butanone	7.19	43	31372	51.92	ug/l	90
29) Tetrahydrofuran	7.55	42	5258	13.66	ug/l	91
51) 4-Methyl-2-Pentanone	10.22	43	4936	3.19	ug/l	98
52) Toluene	10.40	92	21158	2.84	ug/l	95
95) Naphthalene	15.38	128	68809	14.62	ug/l	98

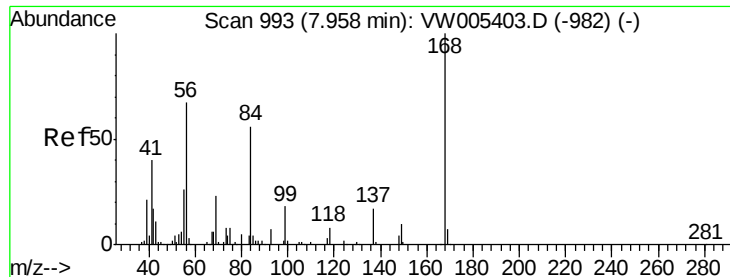
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

Instrument :

MSVOA_W

ClientSampled :

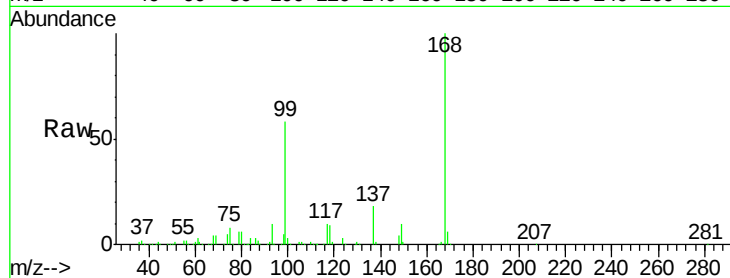
VNJ-220

Tot Ion:168 Resp: 241972

Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

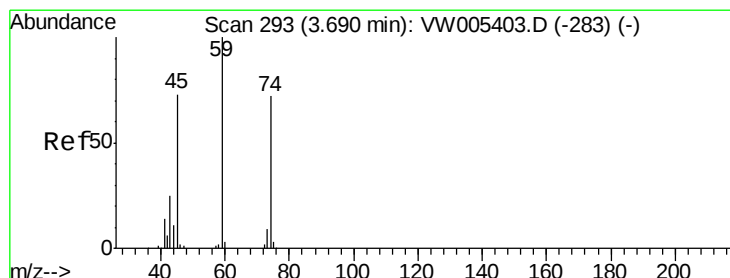
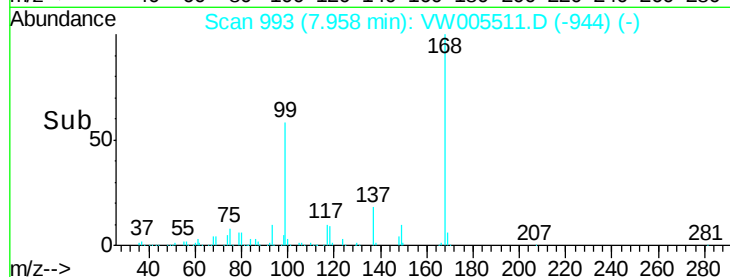
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.80 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005511.D

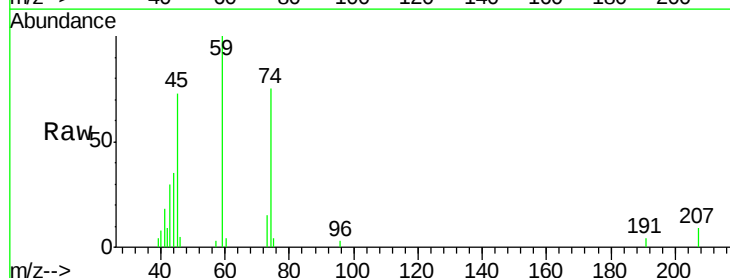
Acq: 19 Sep 2018 07:03

Tgt Ion: 74 Resp: 2945

Ion Ratio Lower Upper

74 100

45 120.4 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

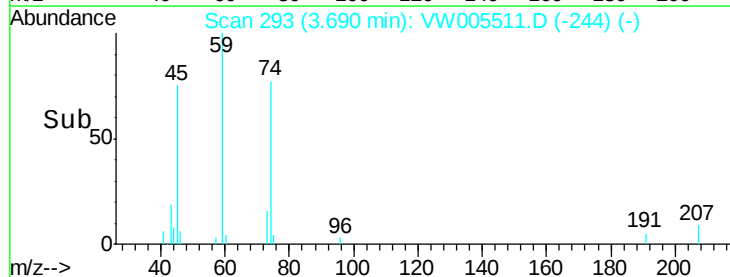
1500

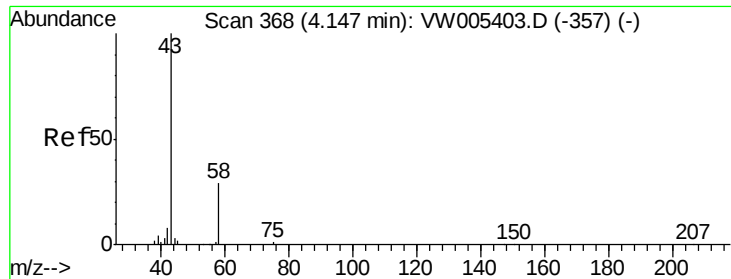
1000

500

0

Time-->





#16

Acetone

Concen: 246.52 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

Instrument :

MSVOA_W

ClientSampleId :

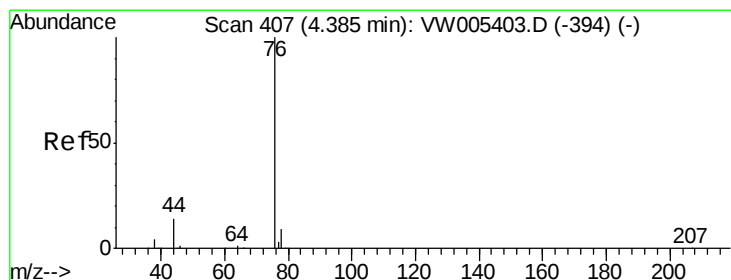
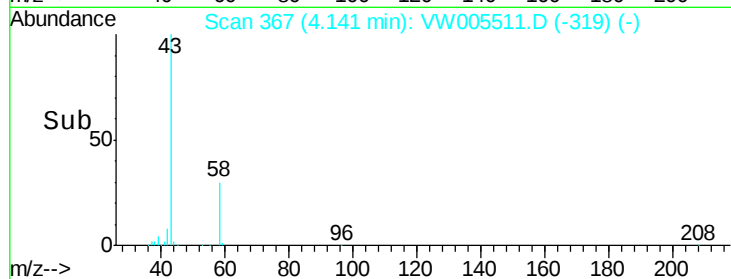
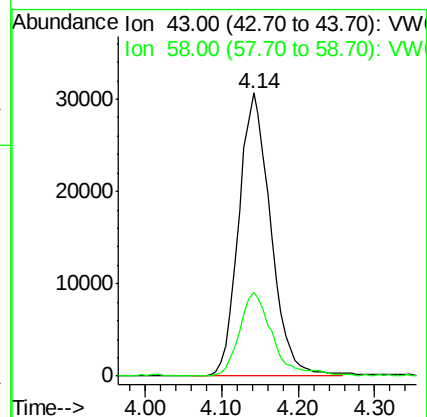
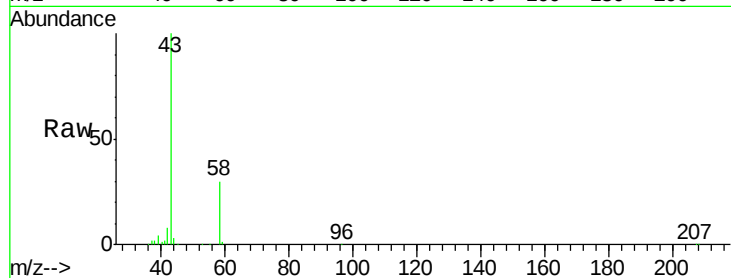
VNJ-220

Tot Ion: 43 Resp: 89133

Ion Ratio Lower Upper

43 100

58 29.3 22.8 34.2



#17

Carbon Disulfide

Concen: 20.89 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005511.D

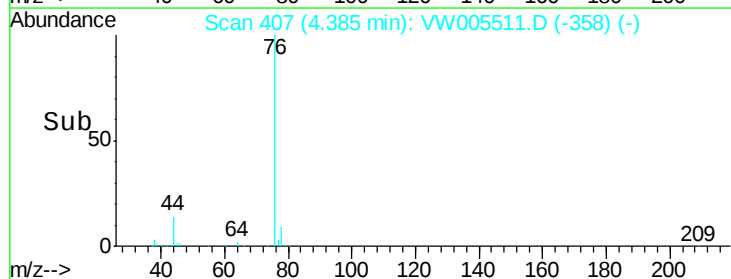
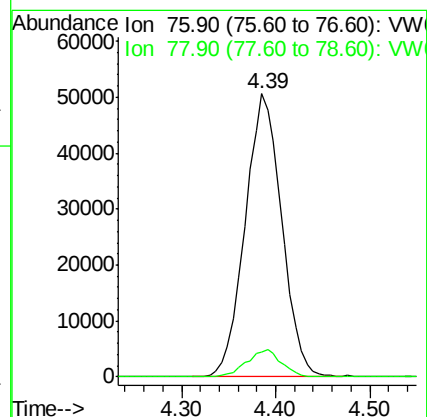
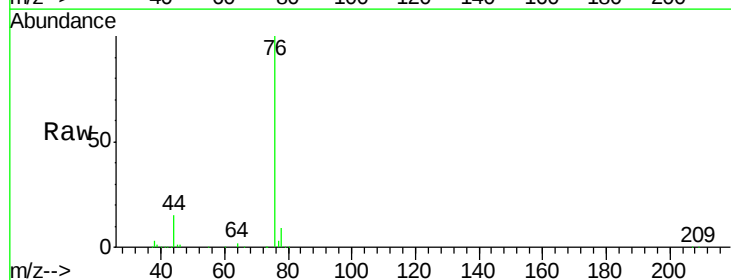
Acq: 19 Sep 2018 07:03

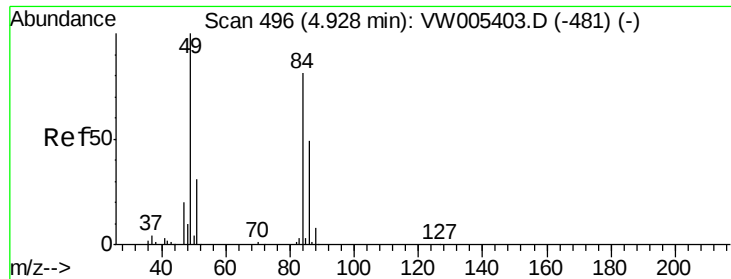
Tgt Ion: 76 Resp: 137753

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

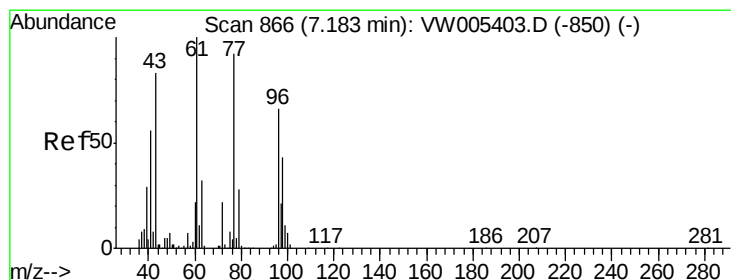
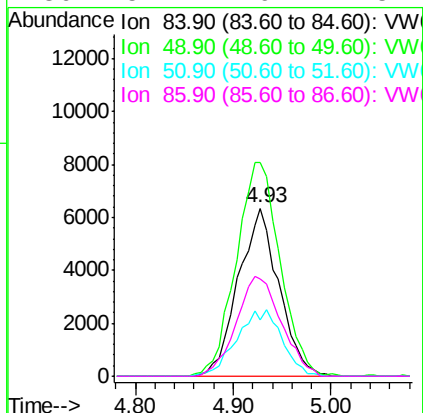
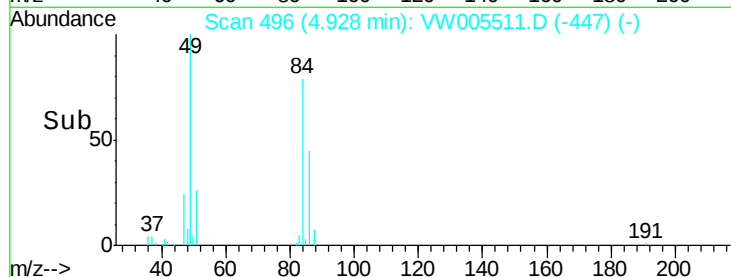
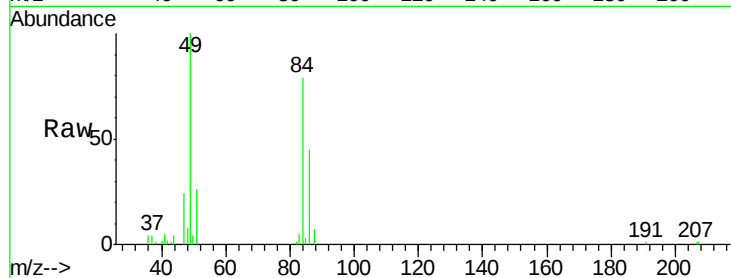




#20
Methvlene Chloride
Concen: 1.81 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005511.D
Acq: 19 Sep 2018 07:03

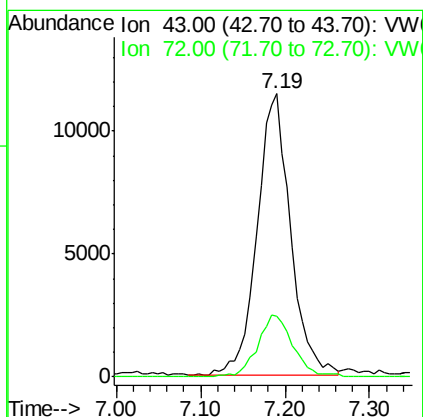
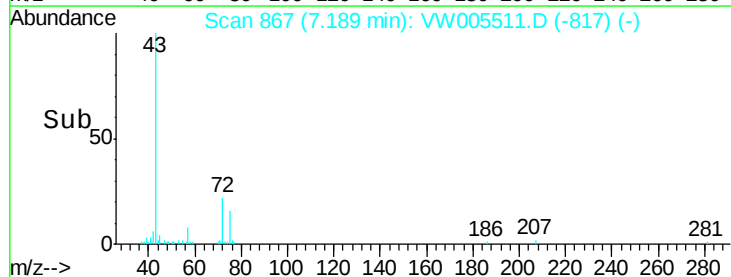
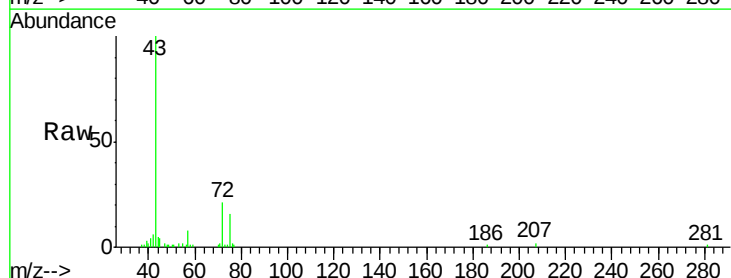
Instrument :
MSVOA_W
ClientSampleId :
VNJ-220

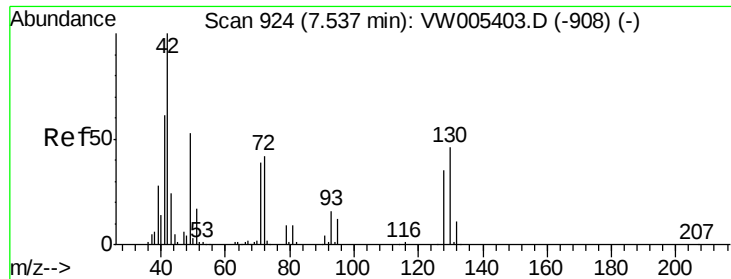
Tot Ion: 84 Resp: 18290
Ion Ratio Lower Upper
84 100
49 127.1 99.3 148.9
51 33.6 31.1 46.7
86 57.7 49.1 73.7



#25
2-Butanone
Concen: 51.92 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005511.D
Acq: 19 Sep 2018 07:03

Tgt Ion: 43 Resp: 31372
Ion Ratio Lower Upper
43 100
72 21.4 21.1 31.7

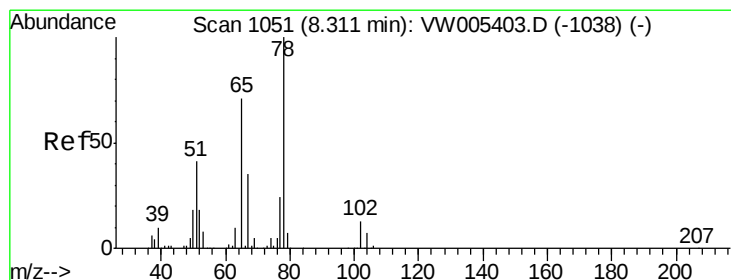
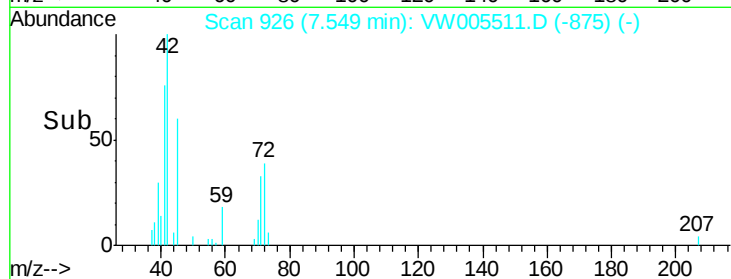
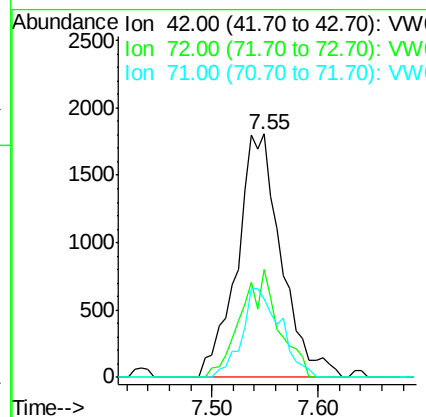
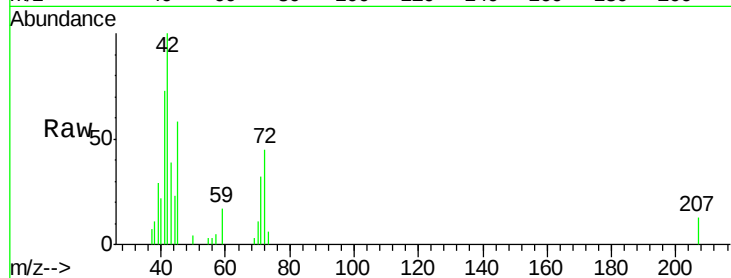




#29
Tetrahydrofuran
Concen: 13.66 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005511.D
Acq: 19 Sep 2018 07:03

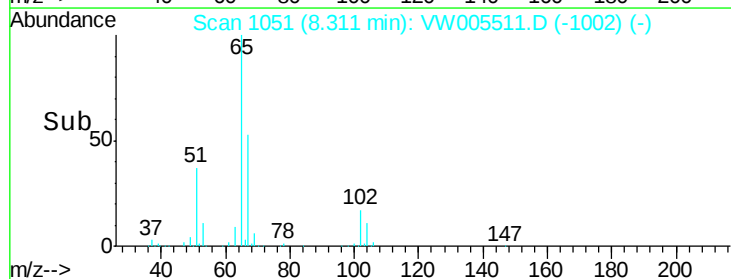
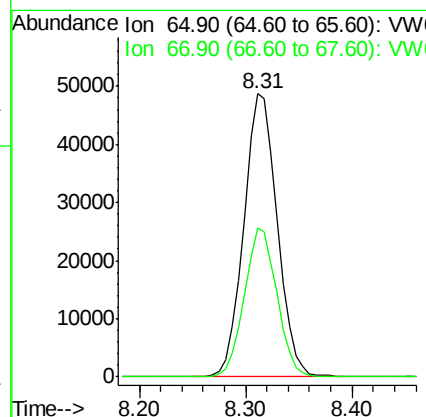
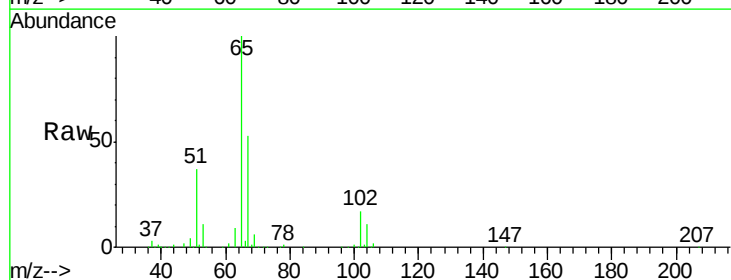
Instrument :
MSVOA_W
ClientSampleId :
VNJ-220

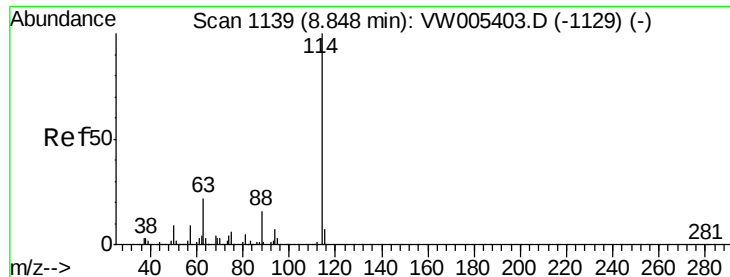
Tot Ion: 42 Resp: 5258
Ion Ratio Lower Upper
42 100
72 37.7 33.2 49.8
71 31.7 31.0 46.6



#33
1,2-Dichloroethane-d4
Concen: 42.76 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005511.D
Acq: 19 Sep 2018 07:03

Tgt Ion: 65 Resp: 107399
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.6

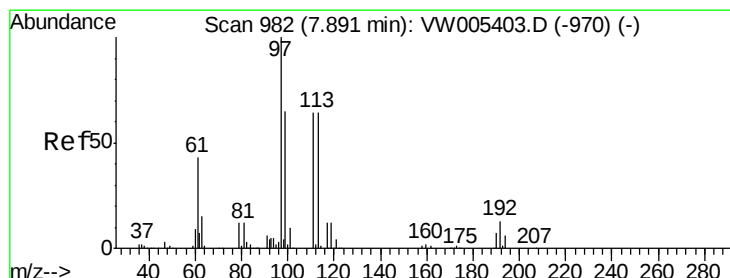
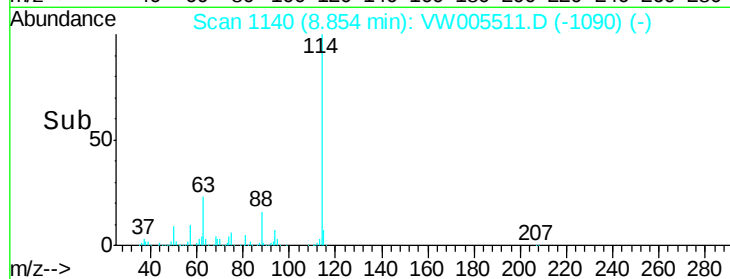
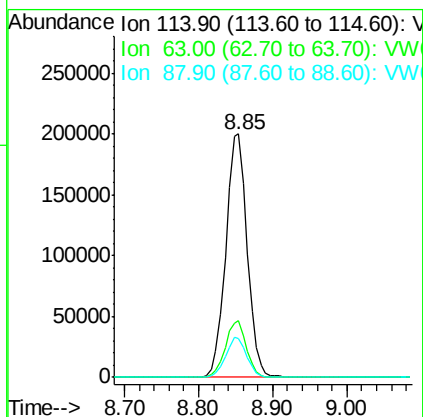
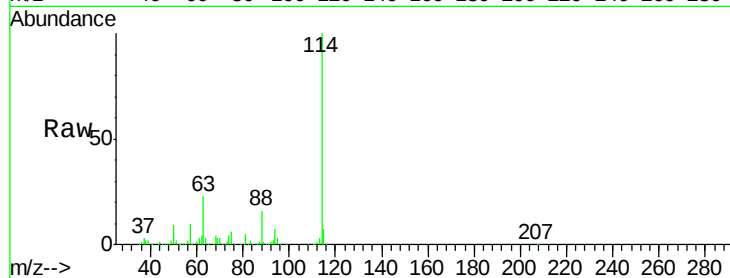




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005511.D
 Acq: 19 Sep 2018 07:03

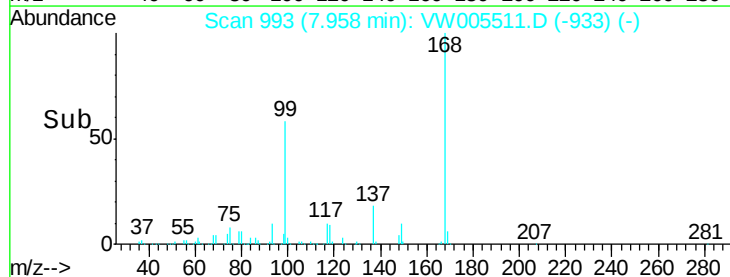
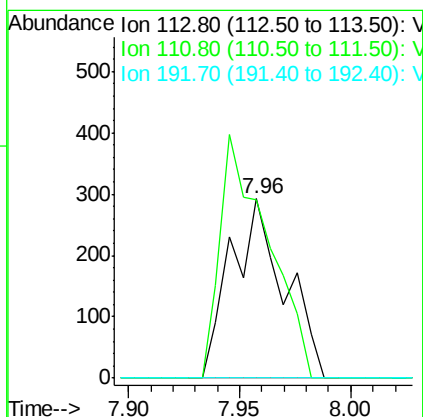
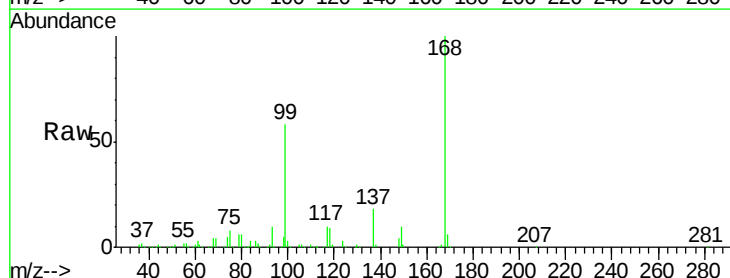
Instrument :
 MSVOA_W
 ClientSampled :
 VNJ-220

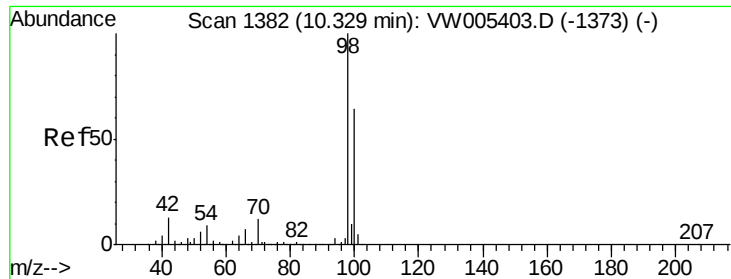
Tot Ion:114 Resp: 400774
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 43.4
 88 15.8 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 0.22 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.07 min
 Lab File: VW005511.D
 Acq: 19 Sep 2018 07:03

Tgt Ion:113 Resp: 488
 Ion Ratio Lower Upper
 113 100
 111 121.3 82.3 123.5
 192 0.0 16.5 24.7#





#50

Toluene-d8

Concen: 36.79 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

Instrument :

MSVOA_W

ClientSampleId :

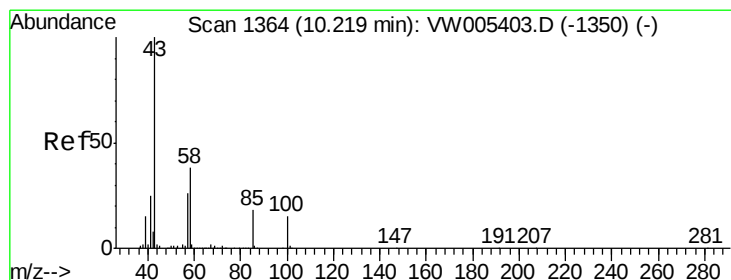
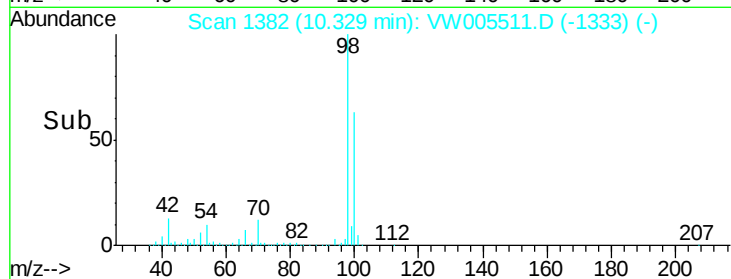
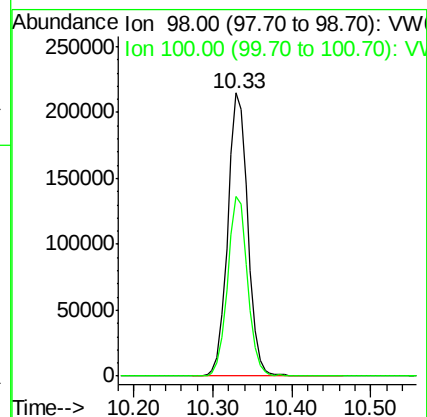
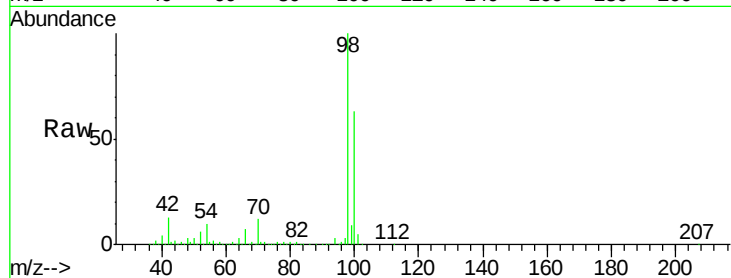
VNJ-220

Tot Ion: 98 Resp: 378562

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 3.19 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005511.D

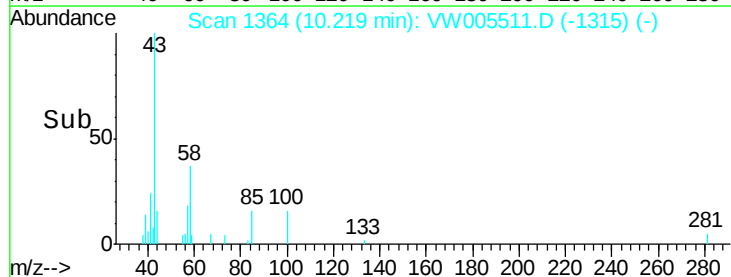
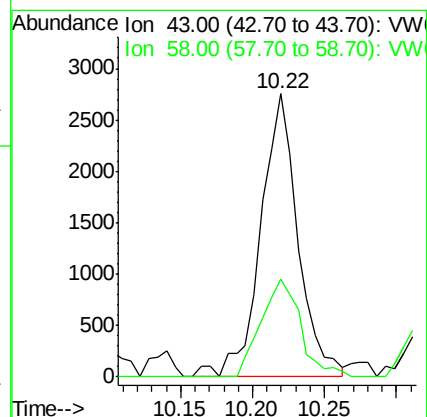
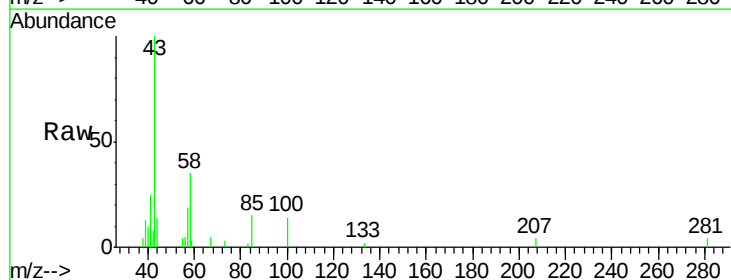
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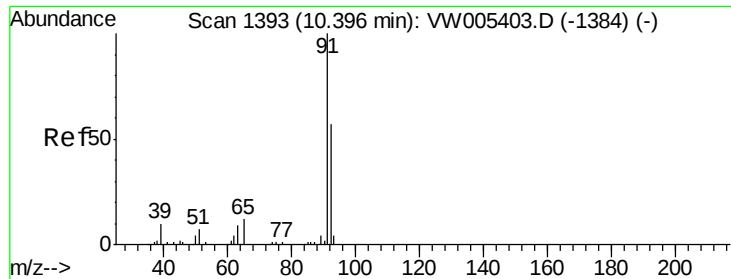
Tgt Ion: 43 Resp: 4936

Ion Ratio Lower Upper

43 100

58 36.4 29.9 44.9





#52

Toluene

Concen: 2.84 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

Instrument :

MSVOA_W

ClientSampleId :

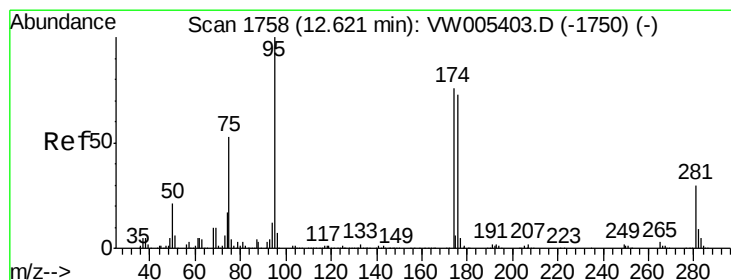
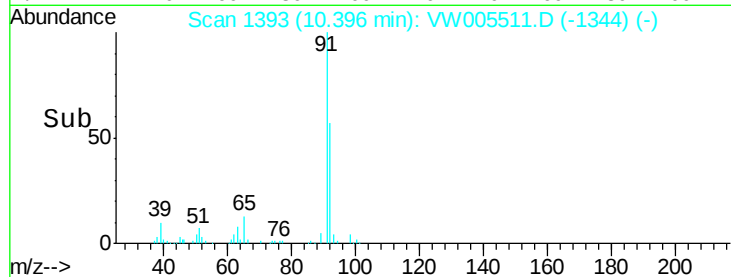
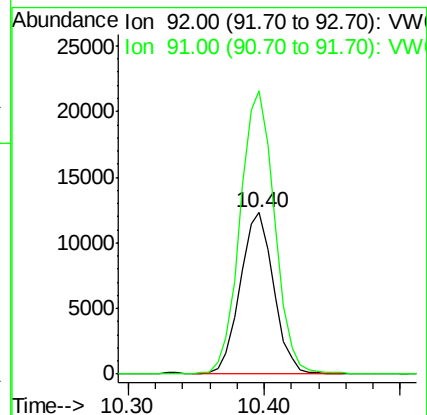
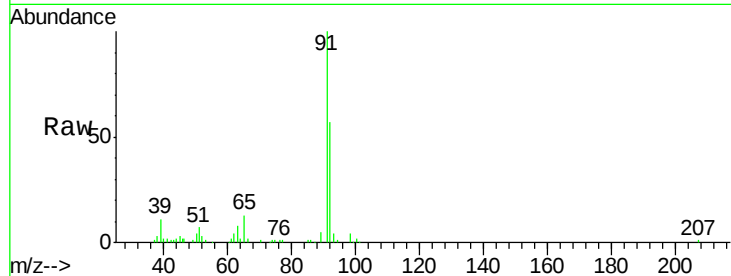
VNJ-220

Tot Ion: 92 Resp: 21158

Ion Ratio Lower Upper

92 100

91 181.0 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 32.89 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

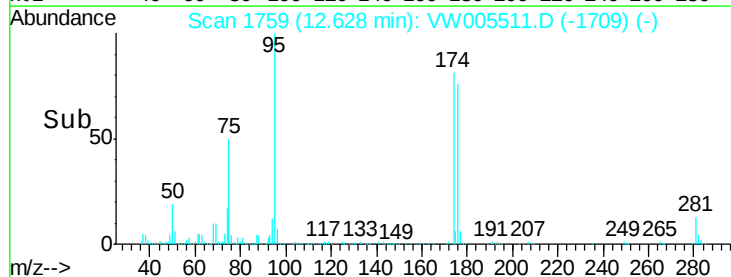
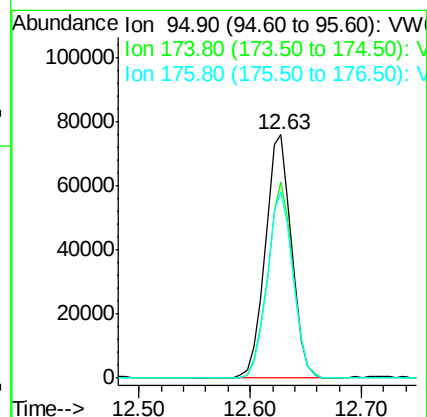
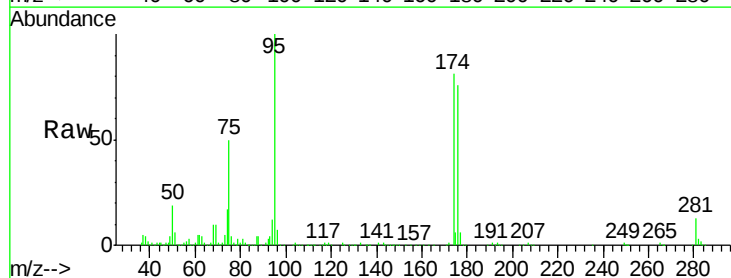
Tgt Ion: 95 Resp: 124115

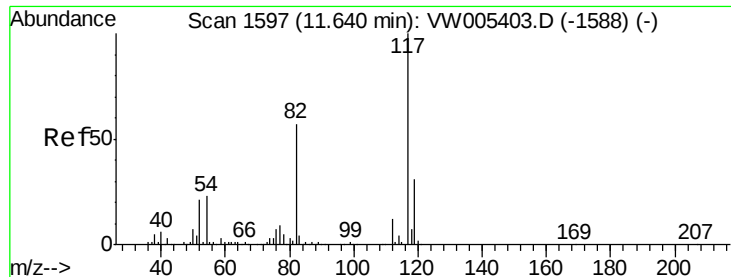
Ion Ratio Lower Upper

95 100

174 78.1 0.0 161.2

176 75.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

Instrument :

MSVOA_W

ClientSampled :

VNJ-220

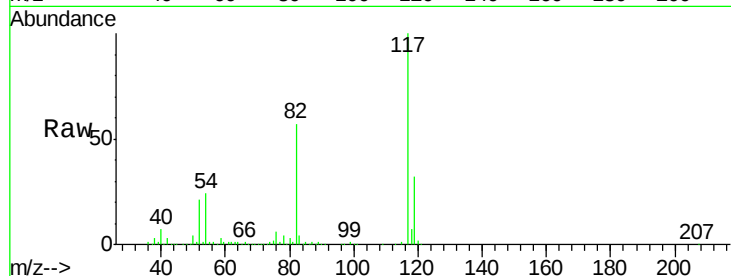
Tot Ion:117 Resp: 361537

Ion Ratio Lower Upper

117 100

82 57.3 45.9 68.9

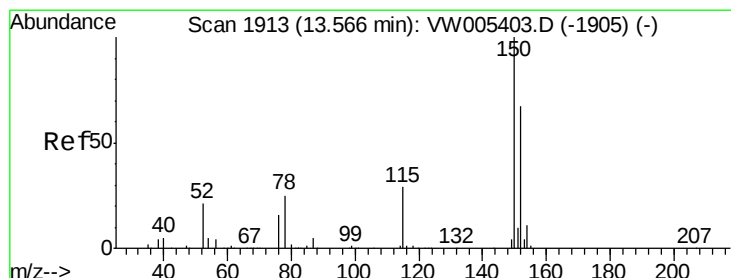
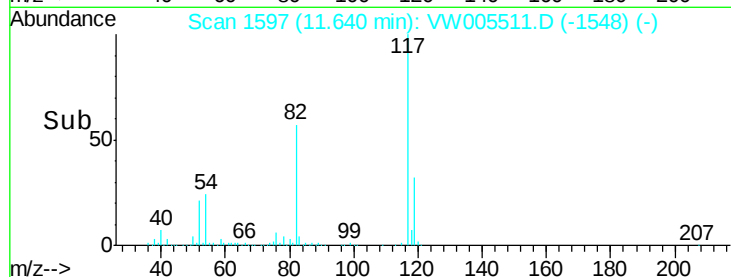
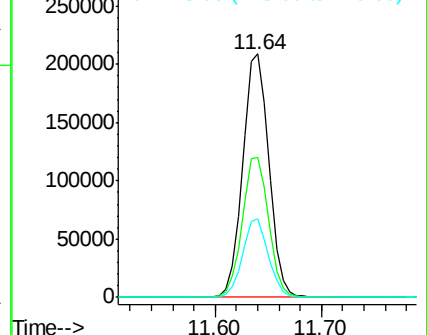
119 32.2 24.8 37.2



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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005511.D

Acq: 19 Sep 2018 07:03

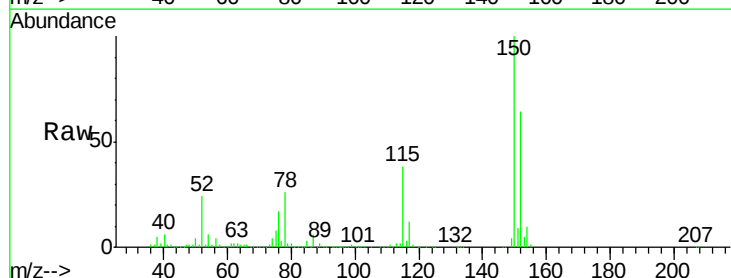
Tgt Ion:152 Resp: 143984

Ion Ratio Lower Upper

152 100

115 59.5 29.5 88.5

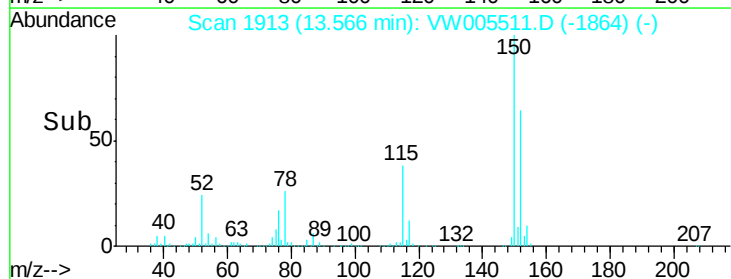
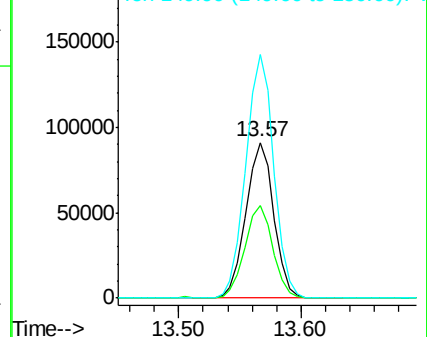
150 156.9 0.0 345.6

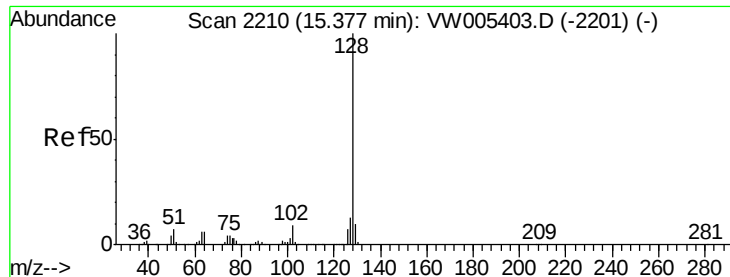


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

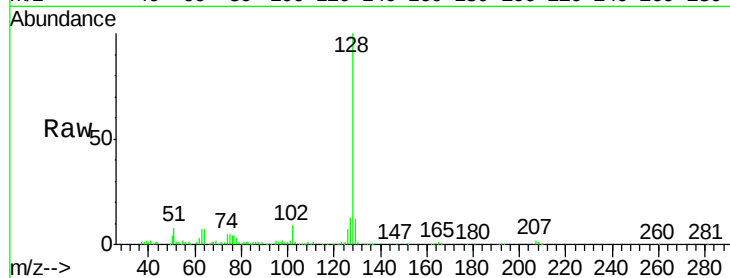




#95
Naphthalene
Concen: 14.62 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005511.D
Acq: 19 Sep 2018 07:03

Instrument :
MSVOA_W
ClientSampleId :
VNJ-220

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.0	16.4
129	11.9	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

