

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015245.D
 Acq On : 21 Apr 2020 00:44
 Operator : SY/VA
 Sample : L2304-15
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-F2-VOA

Quant Time: Apr 21 08:10:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

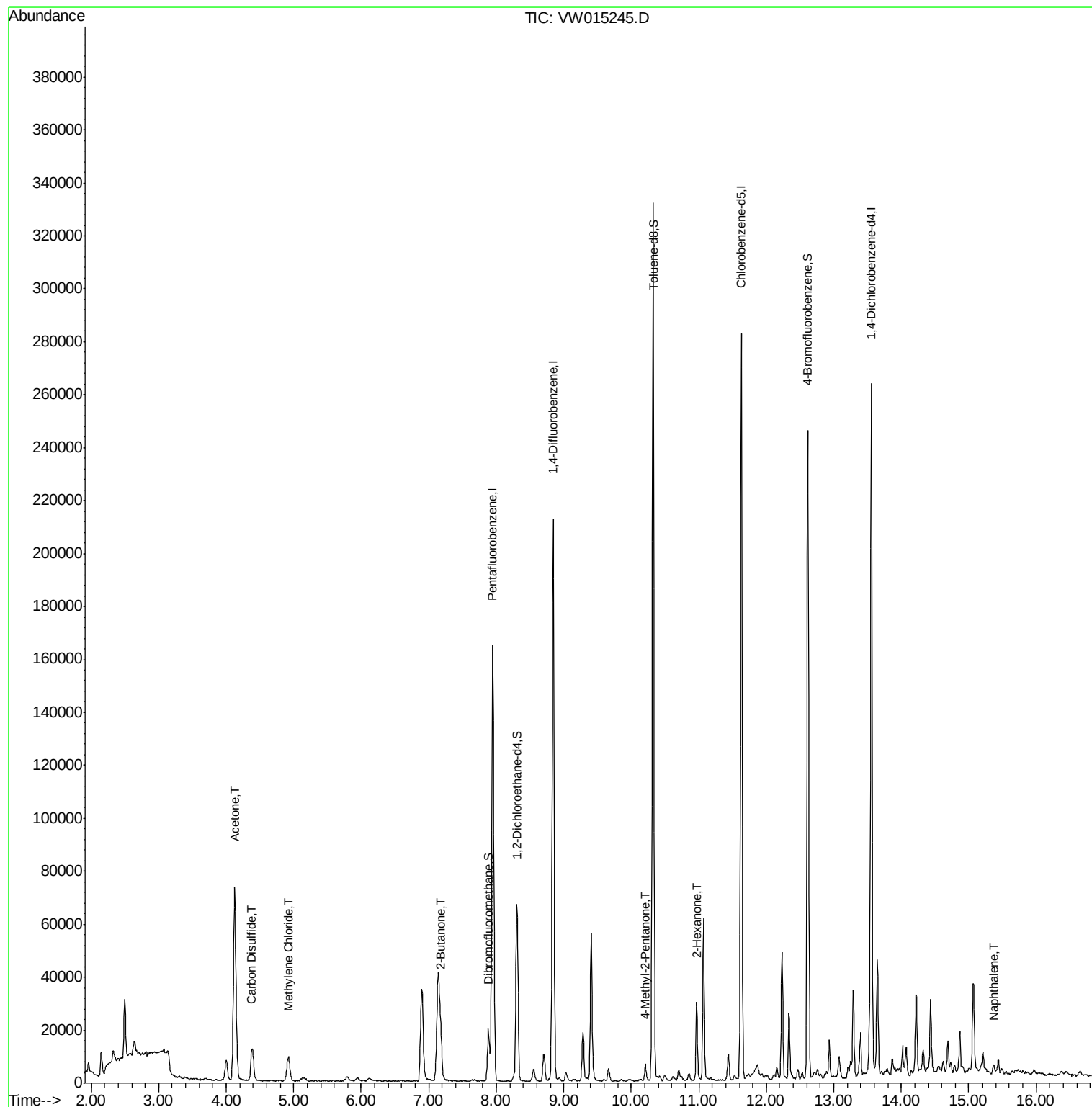
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	133603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	73563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52879	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.89	113	14373	13.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.96%	
50) Toluene-d8	10.32	98	223436	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	73251	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	125514	657.746	ug/l	99
17) Carbon Disulfide	4.38	76	23125	6.829	ug/l #	94
20) Methylene Chloride	4.93	84	7790	6.229	ug/l	85
25) 2-Butanone	7.18	43	28284	111.718	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	4039	7.547	ug/l	97
59) 2-Hexanone	10.97	43	18336	47.998	ug/l	98
95) Naphthalene	15.36	128	2771	1.225	ug/l #	94

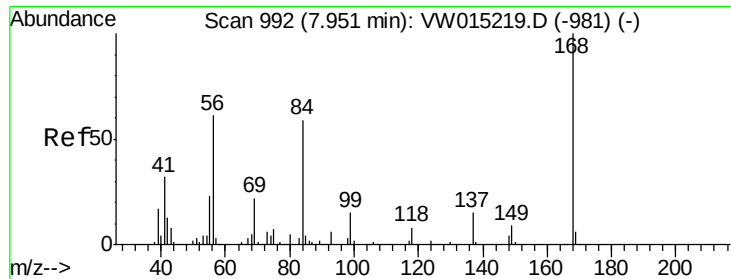
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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Quant Time: Apr 21 08:10:40 2020
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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Instrument :

MSVOA_W

ClientSampleId :

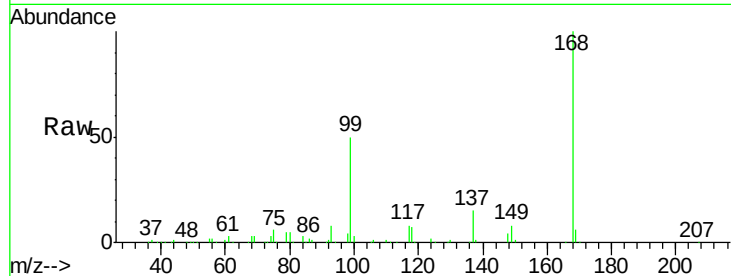
WC-F2-VOA

Tot Ion:168 Resp: 133603

Ion Ratio Lower Upper

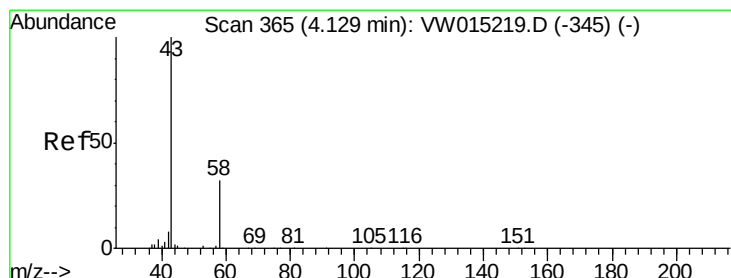
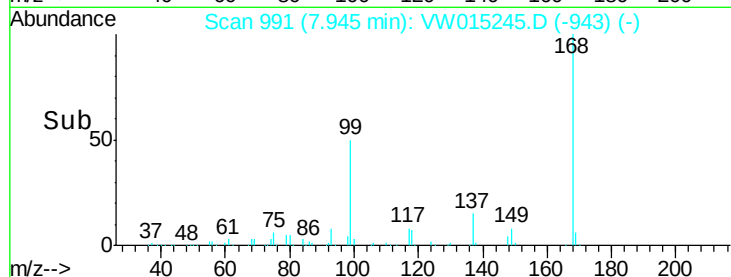
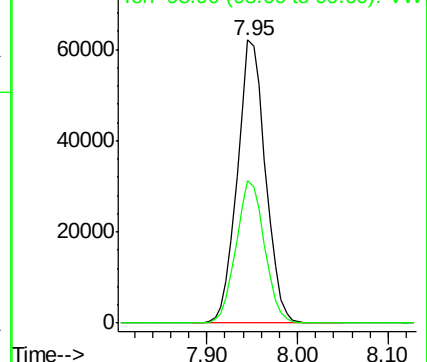
168 100

99 50.2 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 657.746 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015245.D

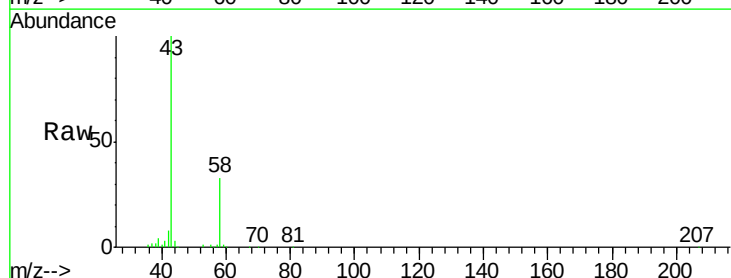
Acq: 21 Apr 2020 00:44

Tgt Ion: 43 Resp: 125514

Ion Ratio Lower Upper

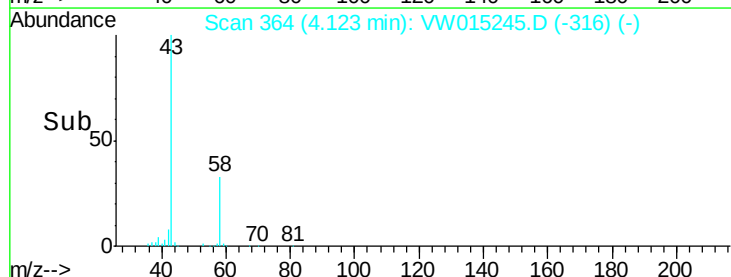
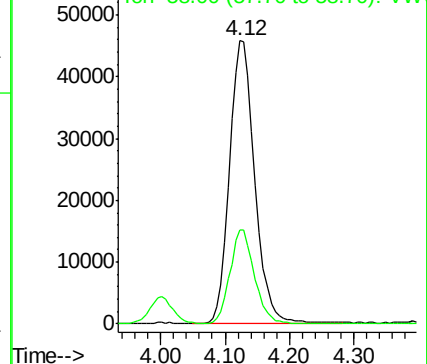
43 100

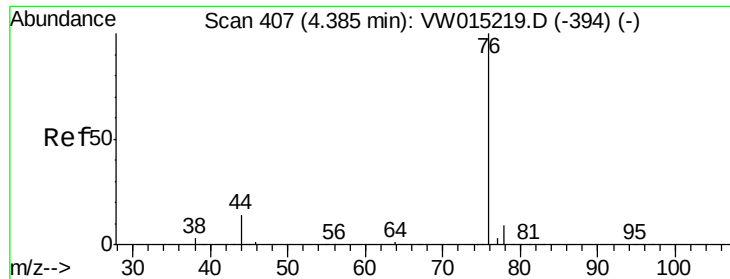
58 33.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 6.829 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Instrument :

MSVOA_W

ClientSampleId :

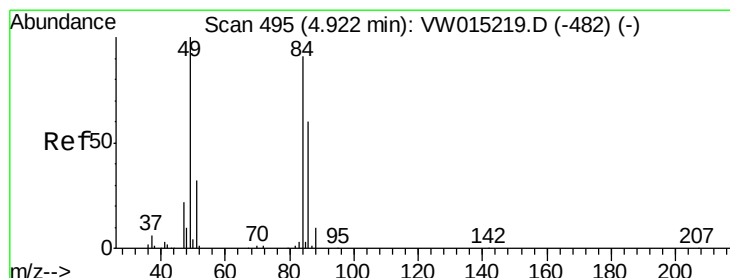
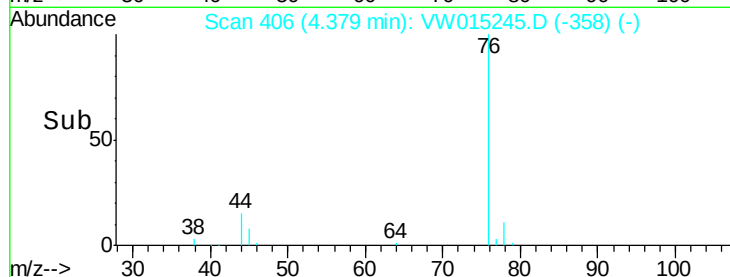
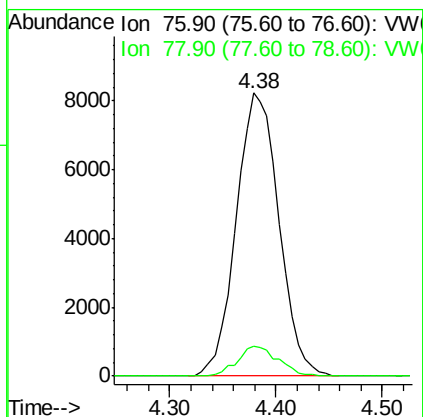
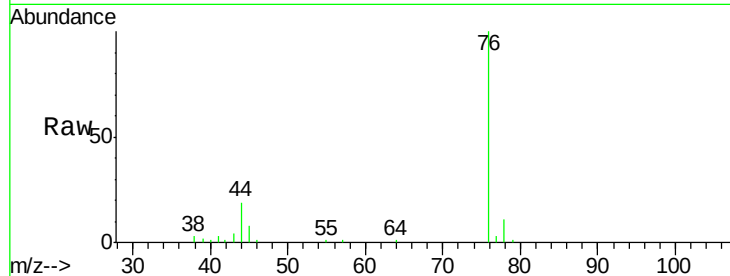
WC-F2-VOA

Tot Ion: 76 Resp: 23125

Ion Ratio Lower Upper

76 100

78 10.8 7.0 10.6#



#20

Methylene Chloride

Concen: 6.229 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Tgt Ion: 84 Resp: 7790

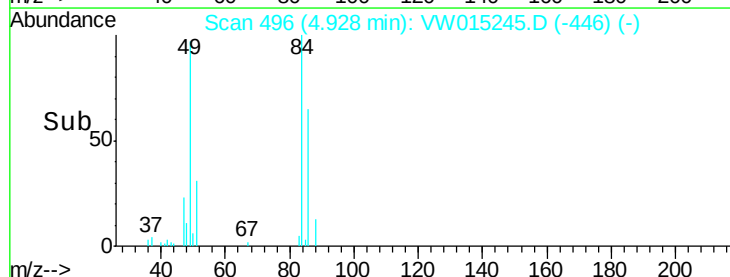
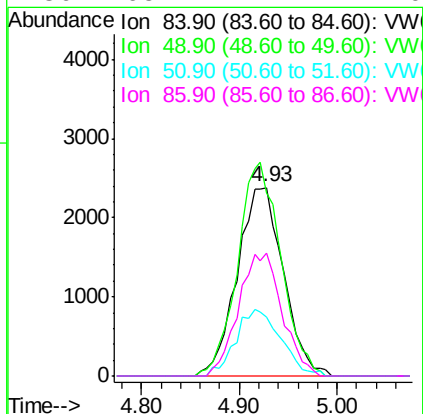
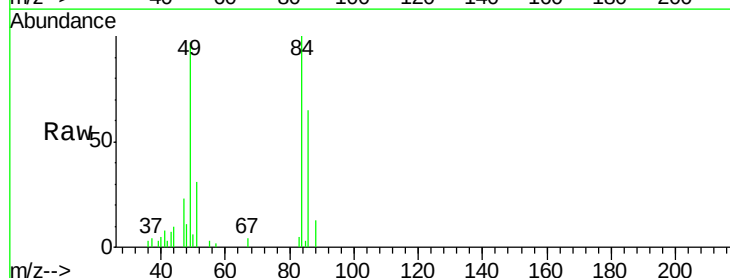
Ion Ratio Lower Upper

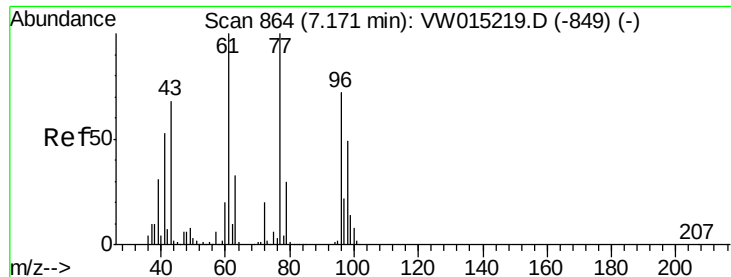
84 100

49 97.2 95.4 143.0

51 31.4 29.8 44.8

86 65.2 47.4 71.0





#25

2-Butanone

Concen: 111.718 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Instrument :

MSVOA_W

ClientSampleId :

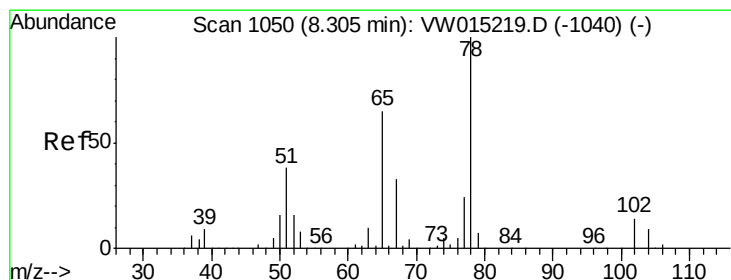
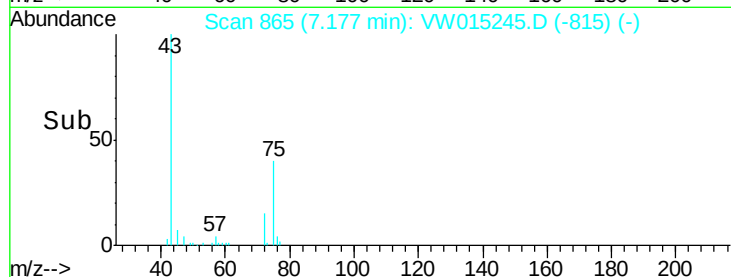
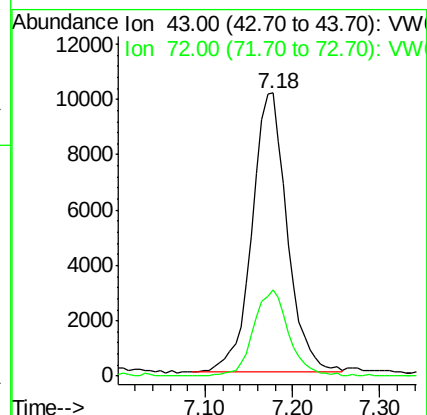
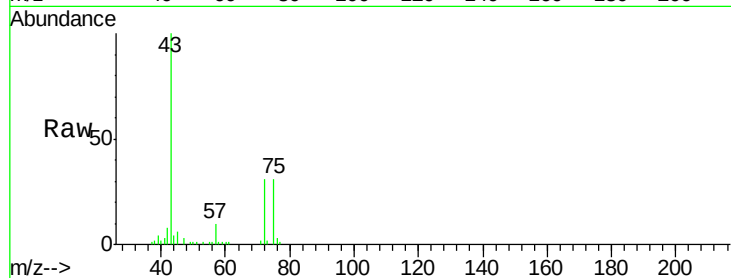
WC-F2-VOA

Tot Ion: 43 Resp: 28284

Ion Ratio Lower Upper

43 100

72 31.0 21.6 32.4



#33

1,2-Dichloroethane-d4

Concen: 48.400 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015245.D

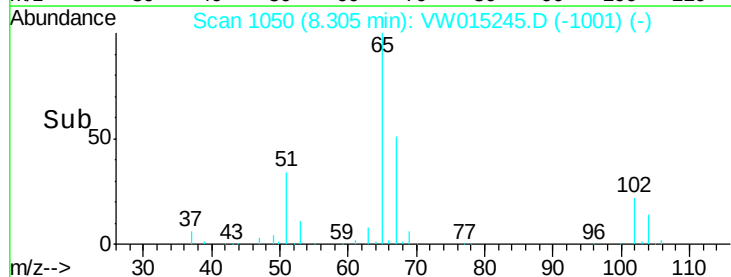
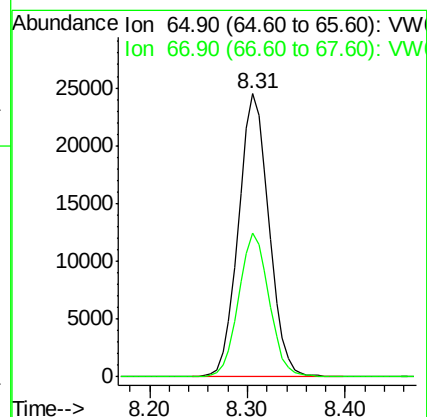
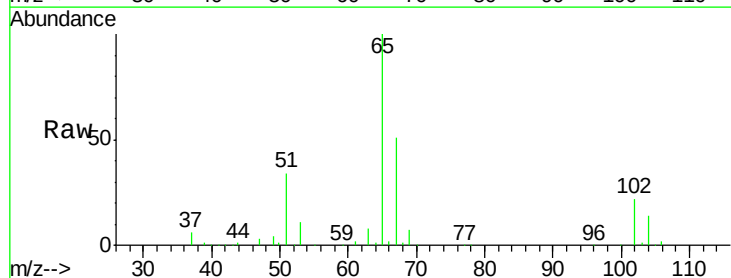
Acq: 21 Apr 2020 00:44

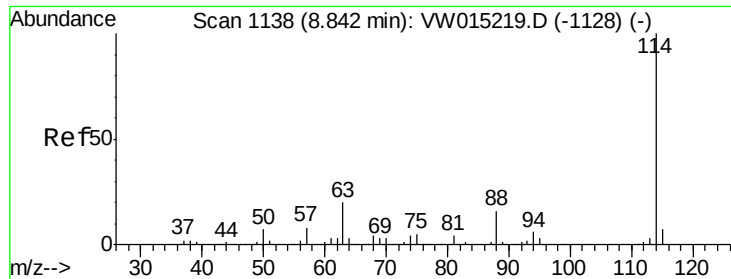
Tgt Ion: 65 Resp: 52879

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Instrument :

MSVOA_W

ClientSampleId :

WC-F2-VOA

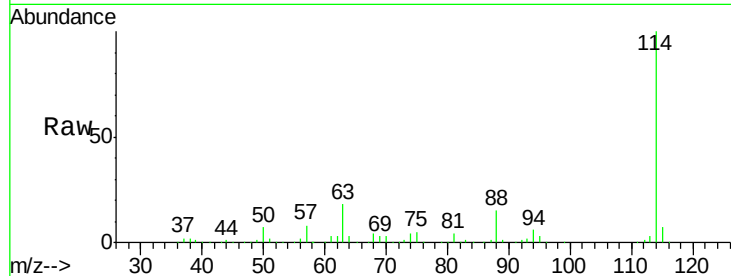
Tot Ion:114 Resp: 185567

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.8

88 15.4 0.0 30.2



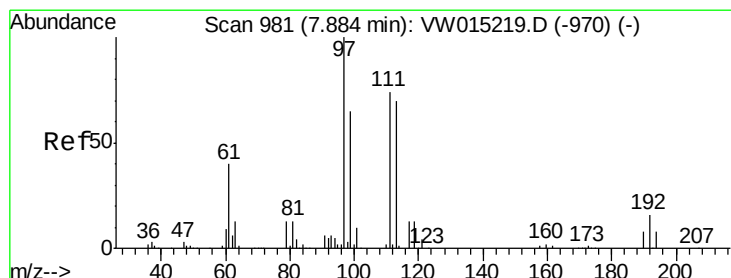
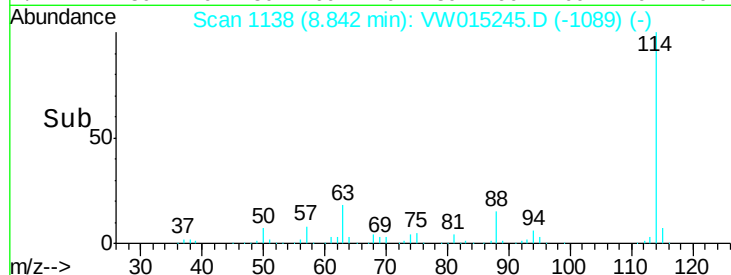
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time--> 8.70 8.80 8.90 9.00



#35

Dibromofluoromethane

Concen: 13.983 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

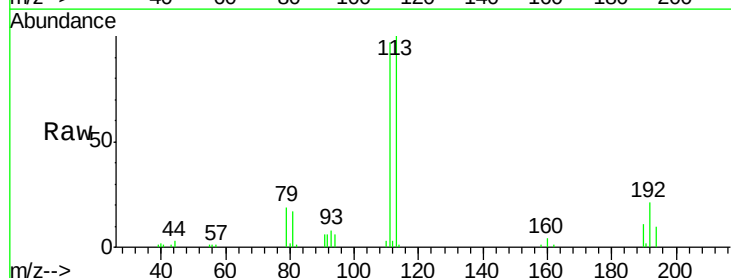
Tgt Ion:113 Resp: 14373

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 22.5 15.1 22.7



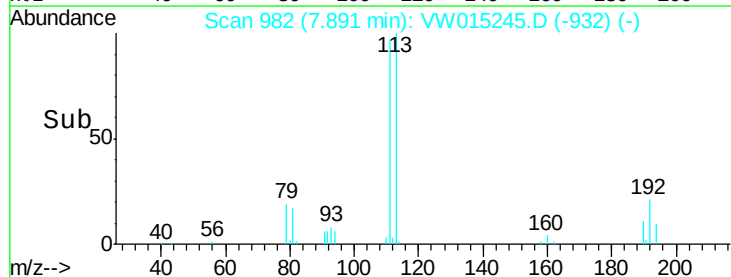
Abundance Ion 112.80 (112.50 to 113.50): V

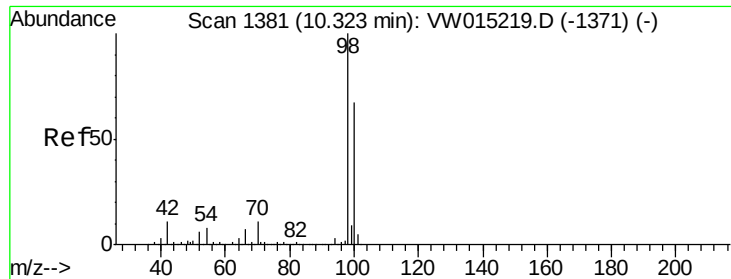
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.89

Time--> 7.80 7.90 8.00

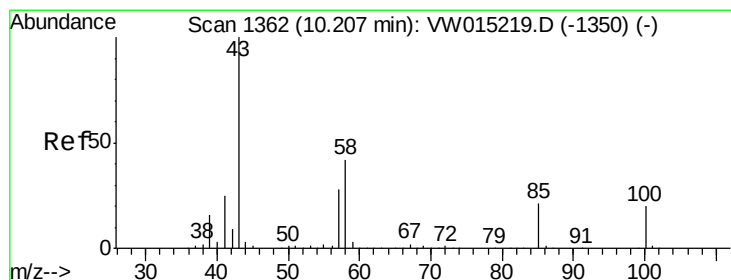
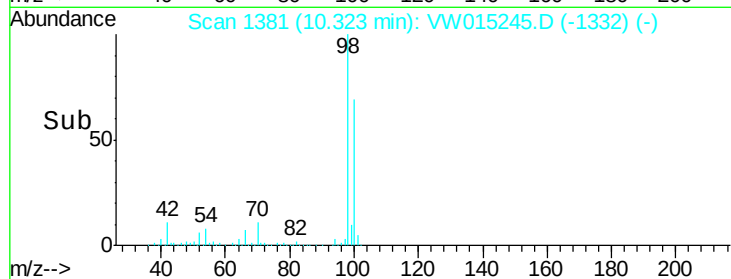
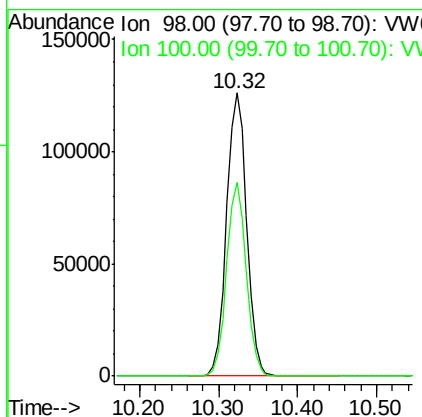
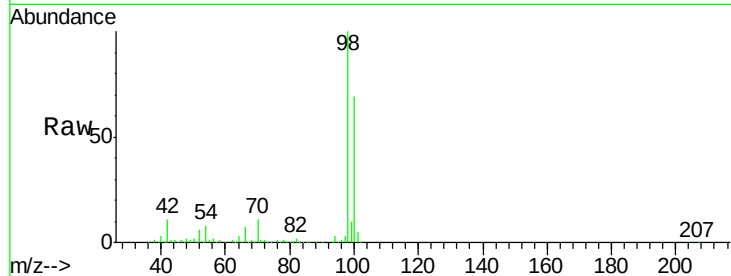




#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015245.D
Acq: 21 Apr 2020 00:44

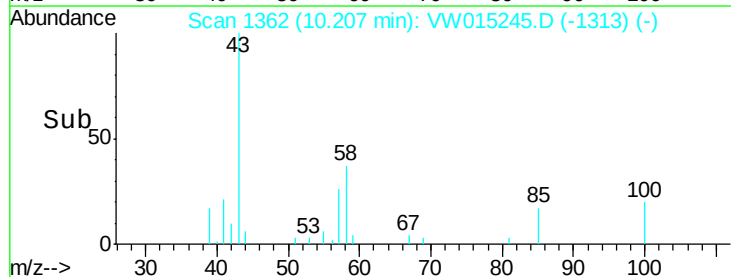
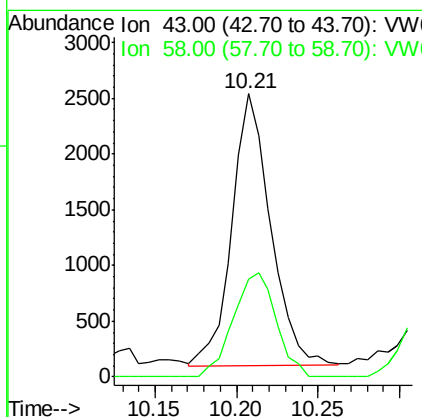
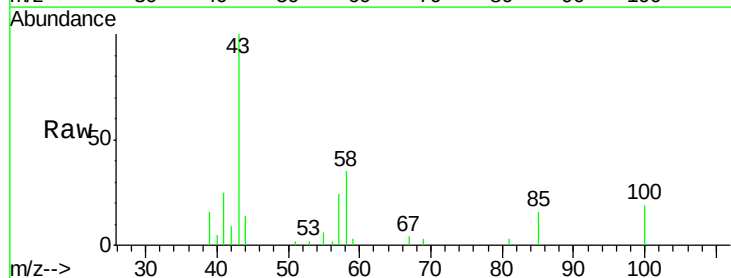
Instrument :
MSVOA_W
ClientSampleId :
WC-F2-VOA

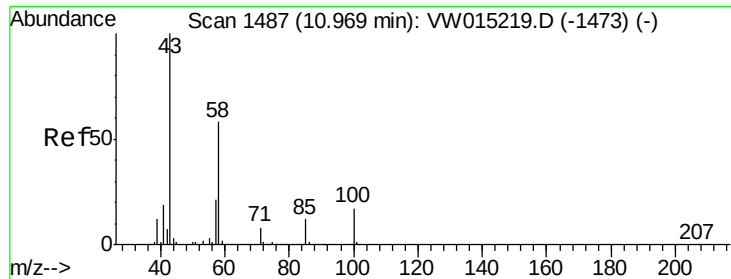
Tot Ion: 98 Resp: 223436
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 7.547 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015245.D
Acq: 21 Apr 2020 00:44

Tgt Ion: 43 Resp: 4039
Ion Ratio Lower Upper
43 100
58 42.3 32.3 48.5

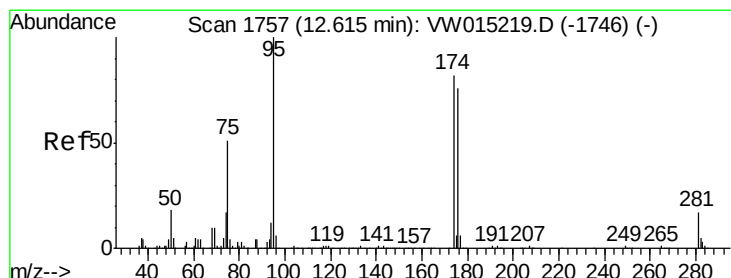
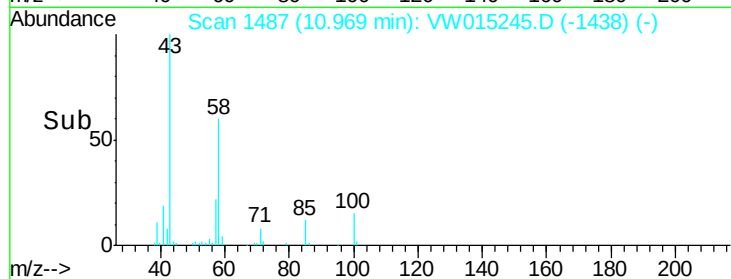
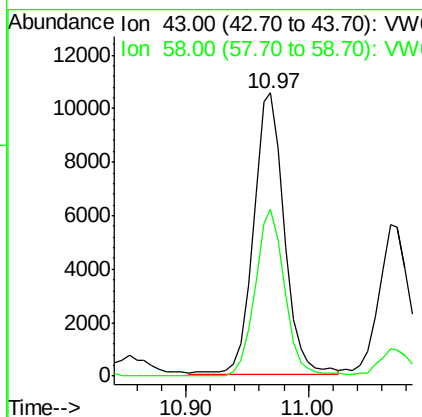
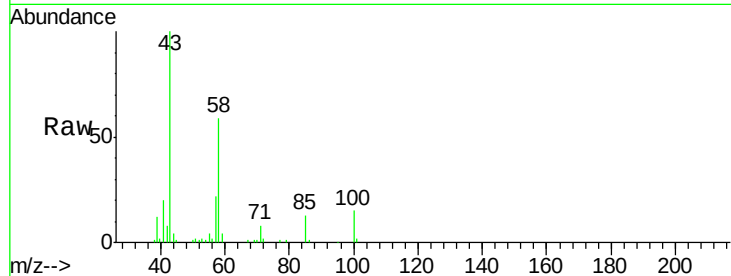




#59
2-Hexanone
Concen: 47.998 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015245.D
Acq: 21 Apr 2020 00:44

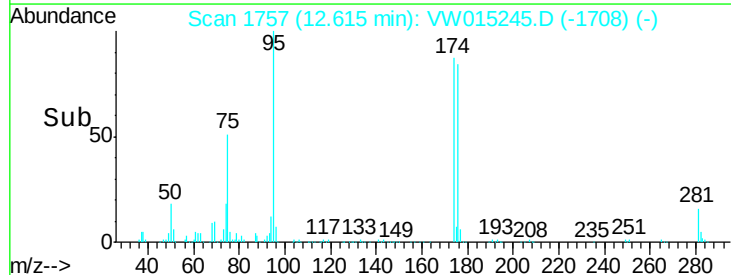
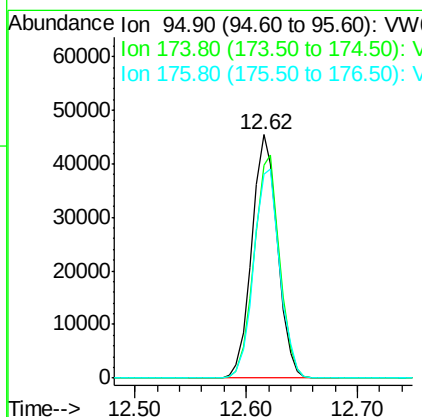
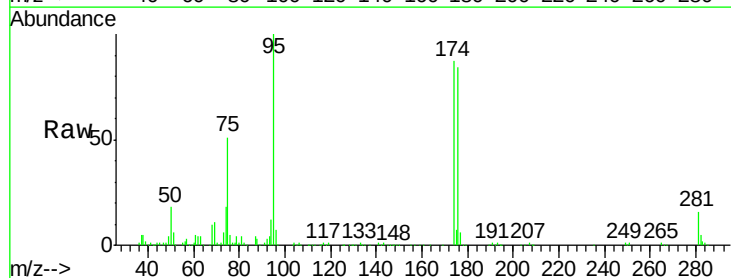
Instrument :
MSVOA_W
ClientSampleId :
WC-F2-VOA

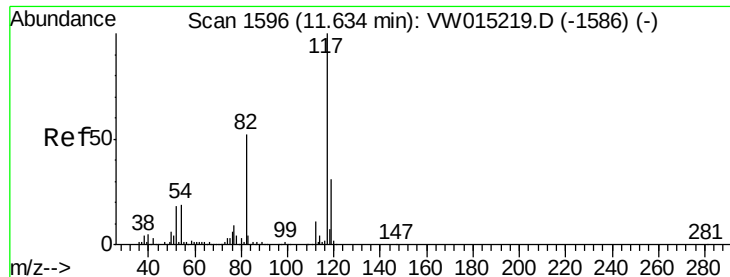
Tot Ion: 43 Resp: 18336
Ion Ratio Lower Upper
43 100
58 57.6 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 44.399 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015245.D
Acq: 21 Apr 2020 00:44

Tgt Ion: 95 Resp: 73251
Ion Ratio Lower Upper
95 100
174 90.9 0.0 144.4
176 87.0 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Instrument :

MSVOA_W

ClientSampleId :

WC-F2-VOA

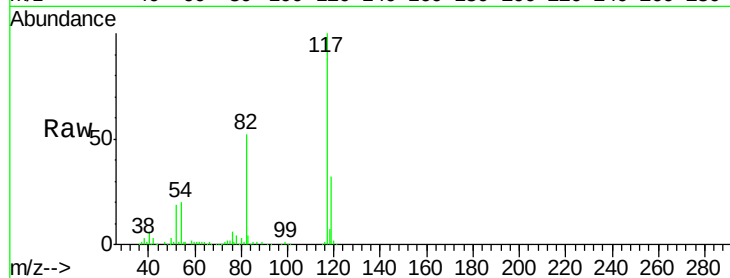
Tot Ion:117 Resp: 164939

Ion Ratio Lower Upper

117 100

82 52.1 44.1 66.1

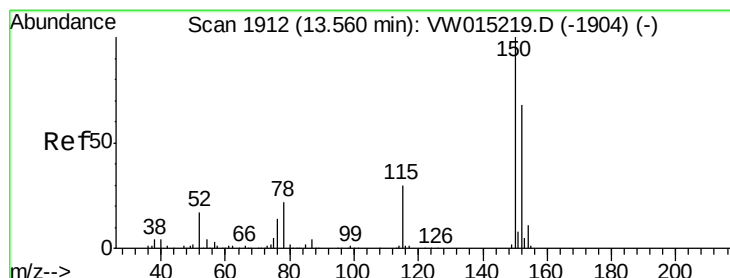
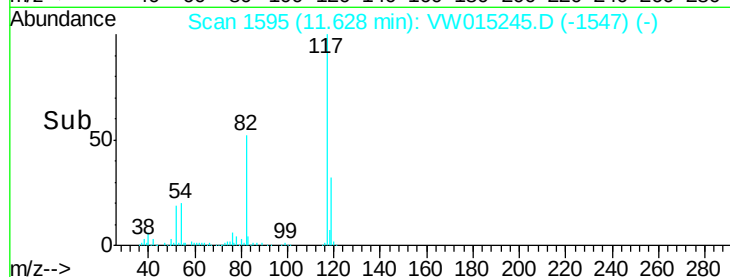
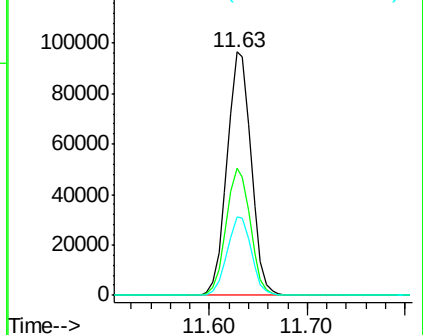
119 32.3 24.9 37.3



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: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

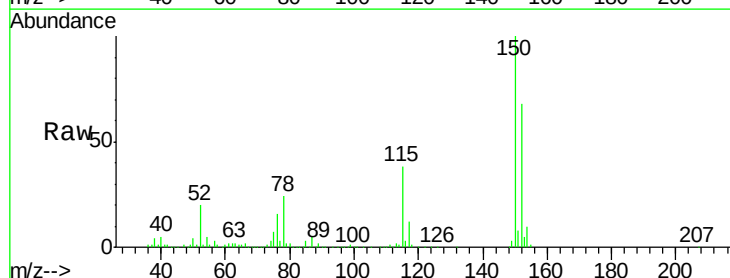
Tgt Ion:152 Resp: 73563

Ion Ratio Lower Upper

152 100

115 56.1 31.3 93.9

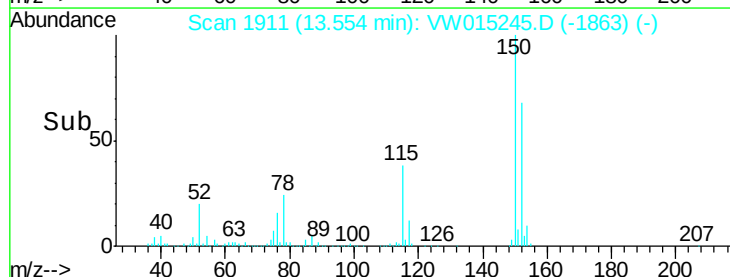
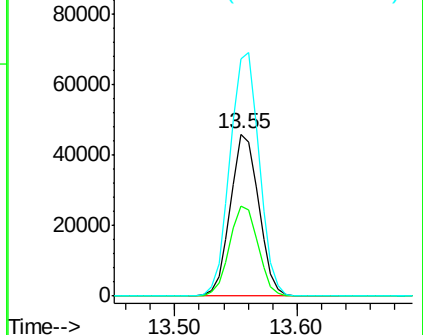
150 154.8 0.0 343.4

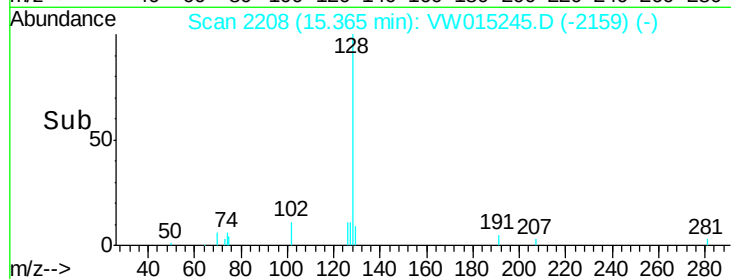
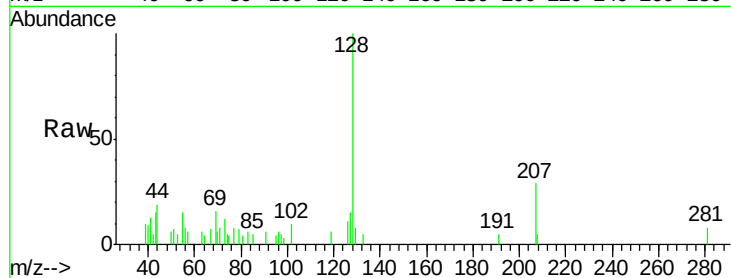
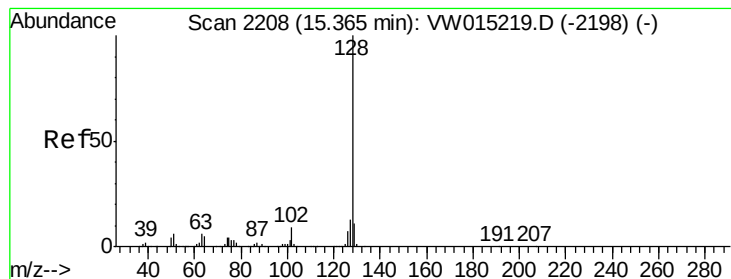


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.225 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015245.D

Acq: 21 Apr 2020 00:44

Instrument :

MSVOA_W

ClientSampleId :

WC-F2-VOA

Tot Ion:128 Resp: 2771

Ion Ratio Lower Upper

128 100

127 16.4 10.3 15.5#

129 10.0 8.6 12.8

