

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015244.D
 Acq On : 21 Apr 2020 00:19
 Operator : SY/VA
 Sample : L2304-11
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-F1-VOA

Quant Time: Apr 21 08:08:22 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

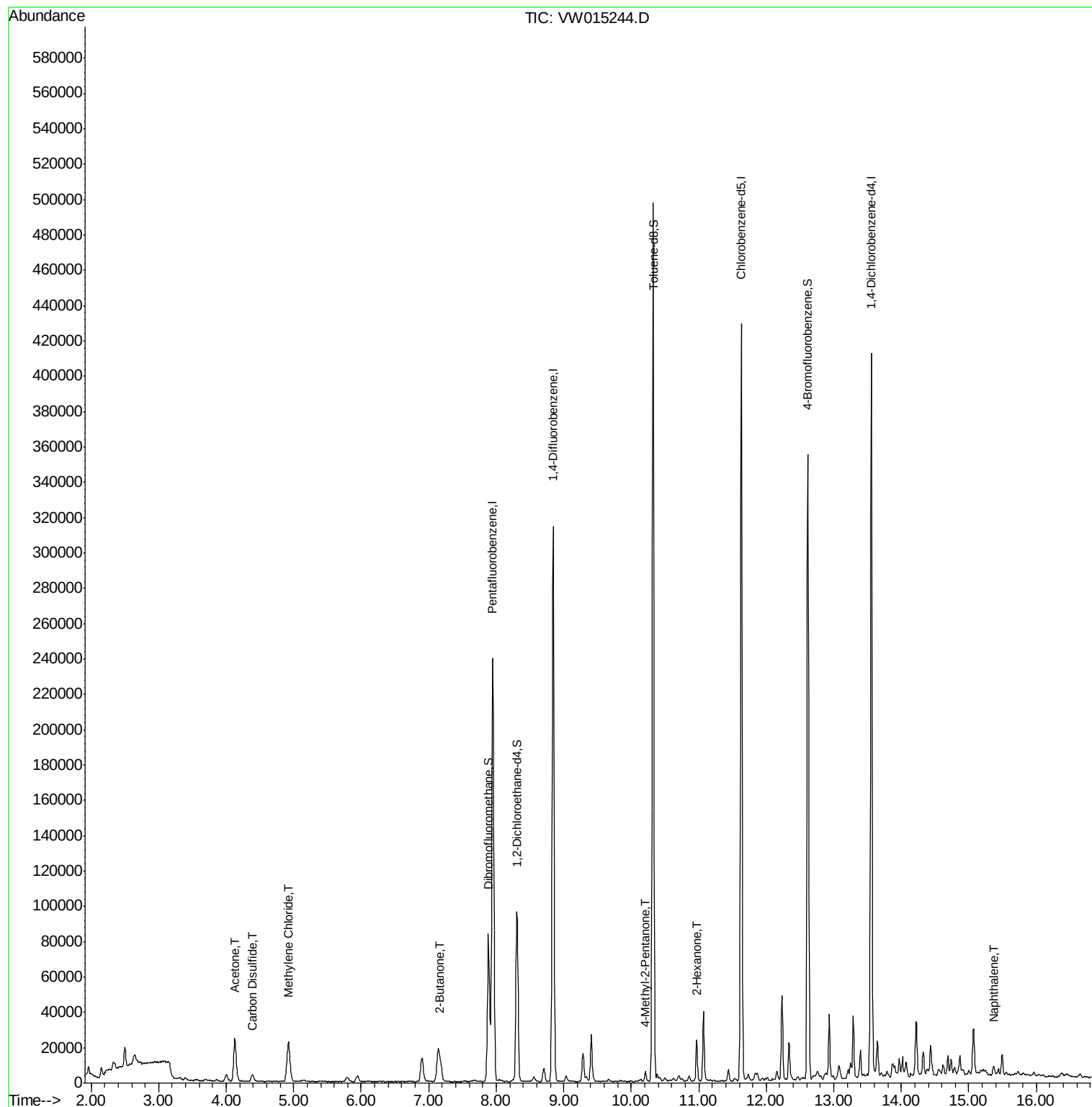
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	273462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	114001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75442	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
35) Dibromofluoromethane	7.88	113	58752	38.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.58%	
50) Toluene-d8	10.32	98	333451	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.62	95	112077	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	42062	149.622	ug/l	100
17) Carbon Disulfide	4.39	76	6200	1.243	ug/l #	87
20) Methylene Chloride	4.92	84	18717	10.159	ug/l	91
25) 2-Butanone	7.17	43	14571	39.067	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	3514	4.456	ug/l	95
59) 2-Hexanone	10.96	43	14351	25.492	ug/l	95
95) Naphthalene	15.36	128	4032	1.150	ug/l #	94

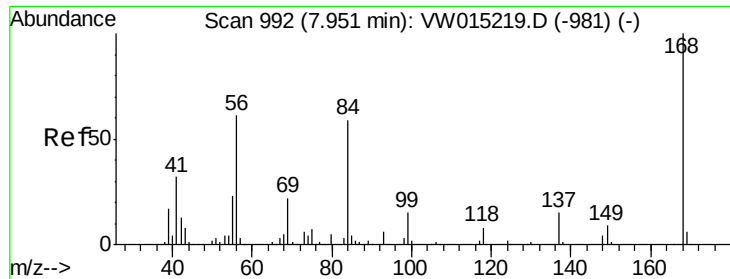
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015244.D
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Quant Time: Apr 21 08:08:22 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: VW015244.D

Acq: 21 Apr 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

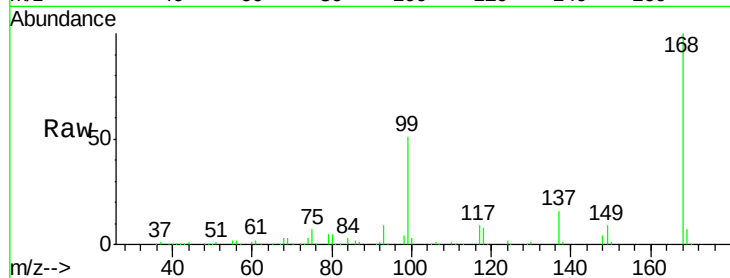
WC-F1-VOA

Tot Ion:168 Resp: 196824

Ion Ratio Lower Upper

168 100

99 51.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

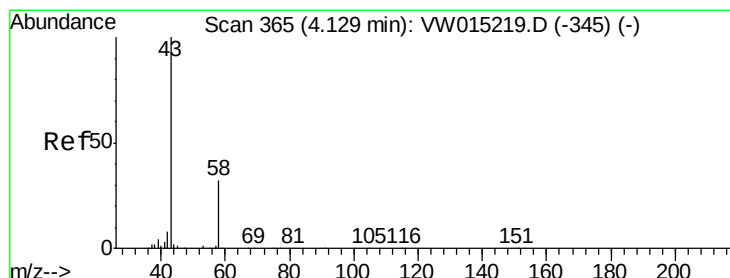
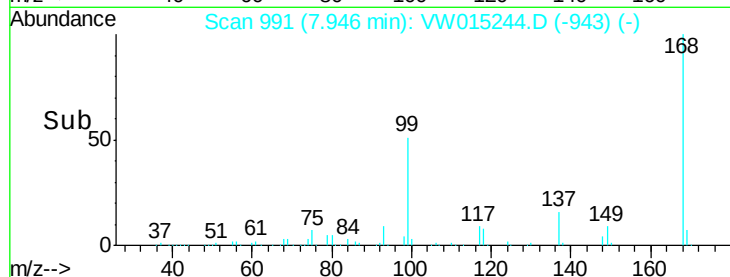
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 149.622 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015244.D

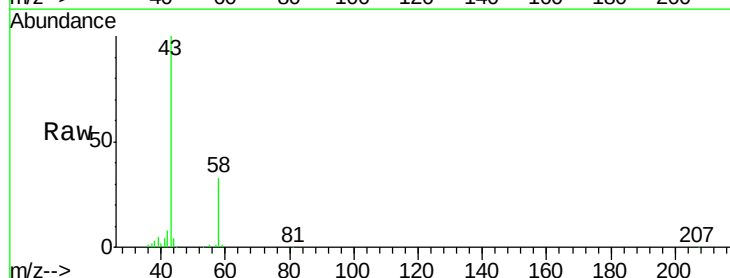
Acq: 21 Apr 2020 00:19

Tgt Ion: 43 Resp: 42062

Ion Ratio Lower Upper

43 100

58 33.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

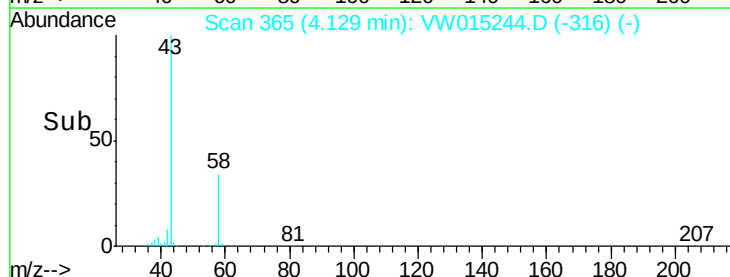
15000

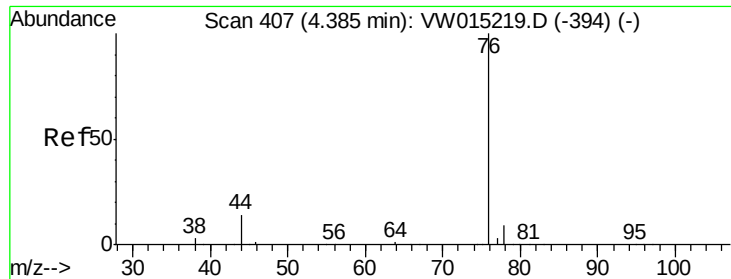
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.243 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015244.D

Acq: 21 Apr 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

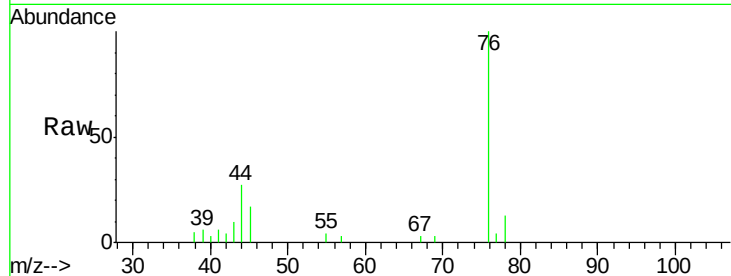
WC-F1-VOA

Tot Ion: 76 Resp: 6200

Ion Ratio Lower Upper

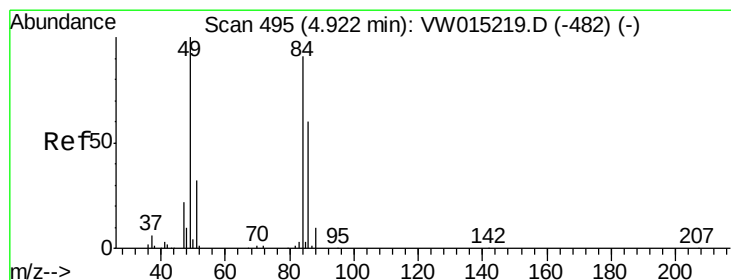
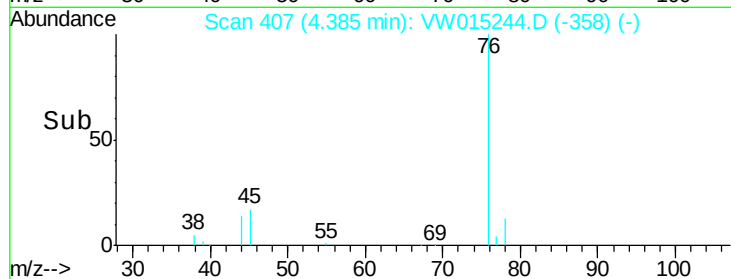
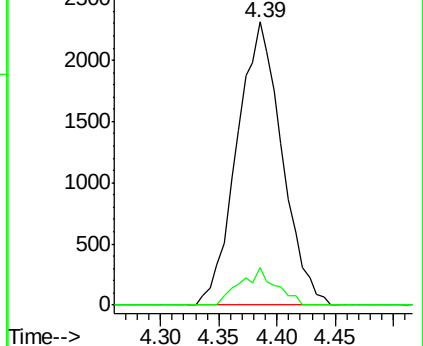
76 100

78 13.3 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 10.159 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015244.D

Acq: 21 Apr 2020 00:19

Tgt Ion: 84 Resp: 18717

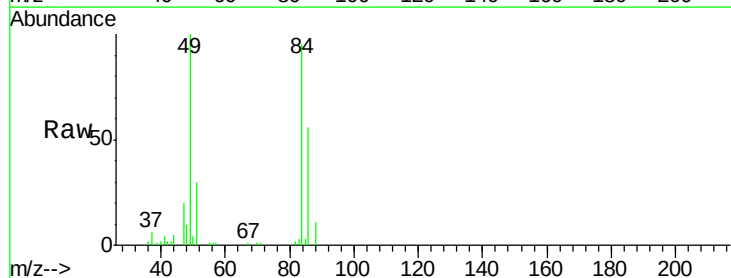
Ion Ratio Lower Upper

84 100

49 104.8 95.4 143.0

51 31.8 29.8 44.8

86 59.1 47.4 71.0

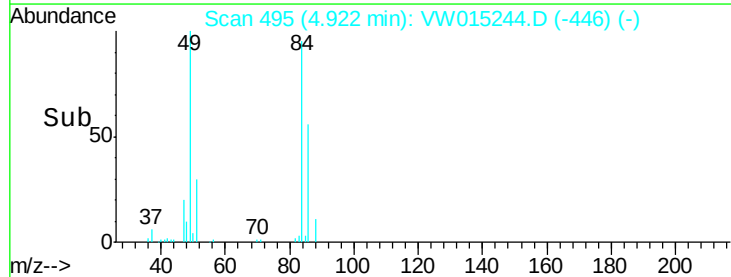
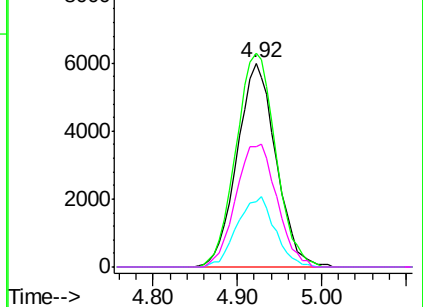


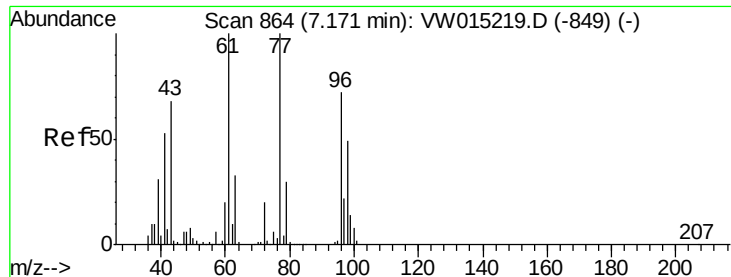
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 39.067 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015244.D

Acq: 21 Apr 2020 00:19

Instrument :

MSVOA_W

ClientSampled :

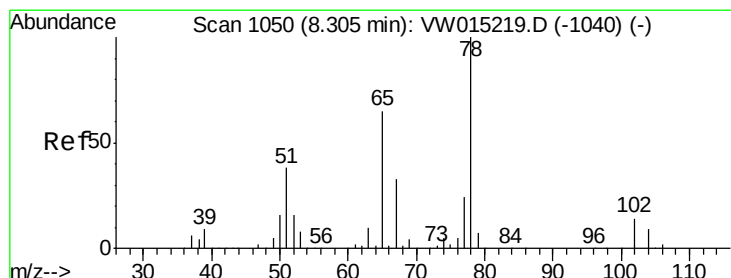
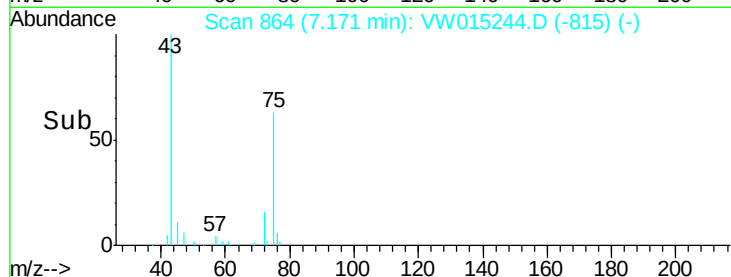
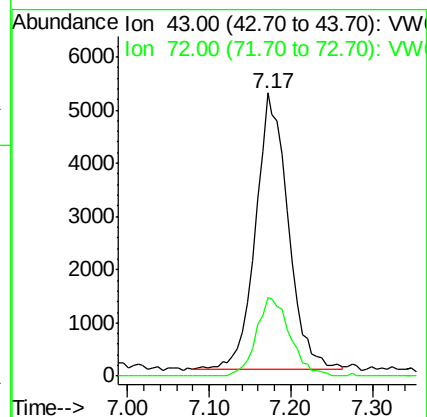
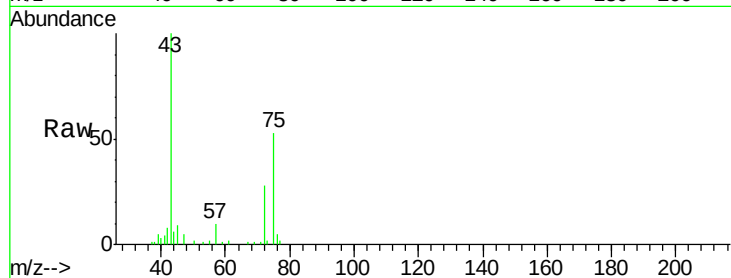
WC-F1-VOA

Tot Ion: 43 Resp: 14571

Ion Ratio Lower Upper

43 100

72 28.3 21.6 32.4



#33

1,2-Dichloroethane-d4

Concen: 46.872 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015244.D

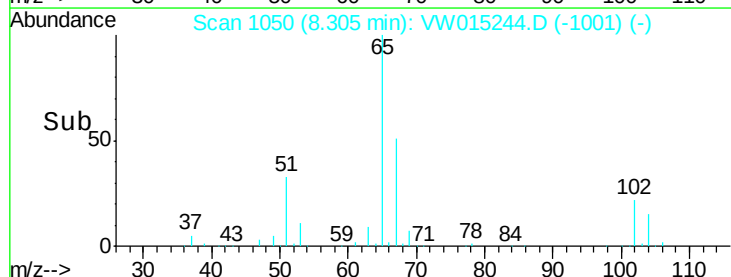
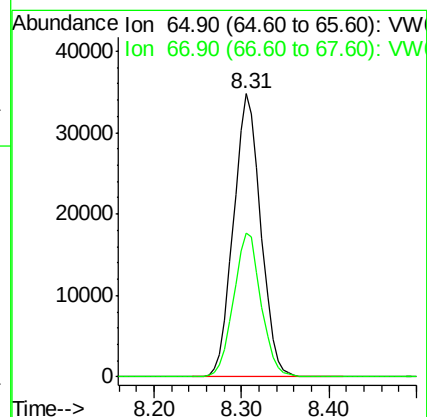
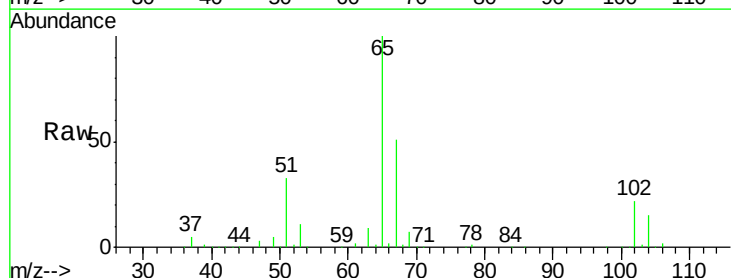
Acq: 21 Apr 2020 00:19

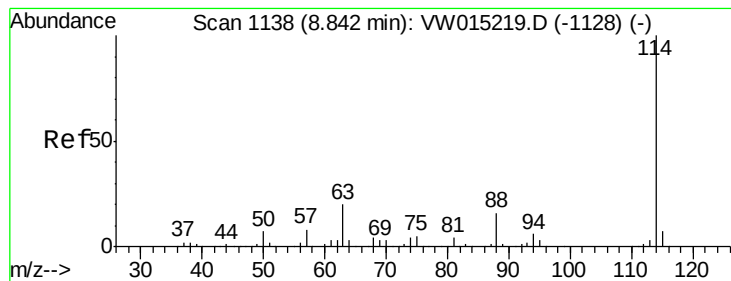
Tgt Ion: 65 Resp: 75442

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: VW015244.D

Acq: 21 Apr 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

WC-F1-VOA

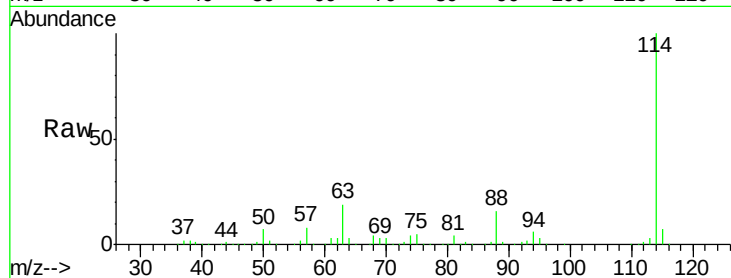
Tot Ion:114 Resp: 273462

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

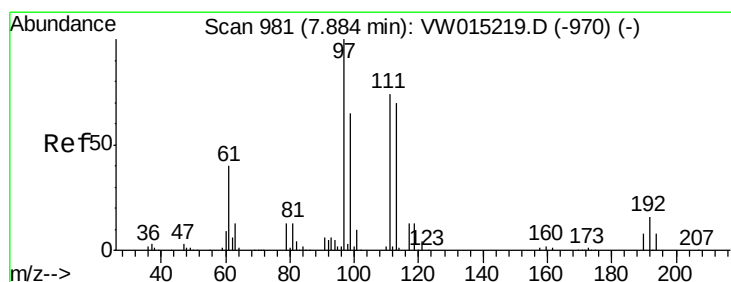
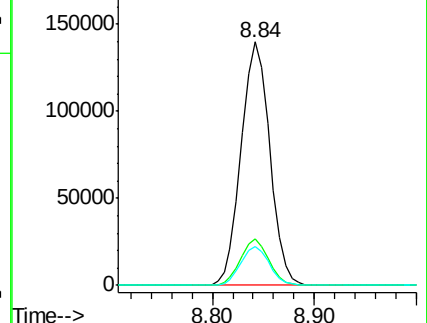
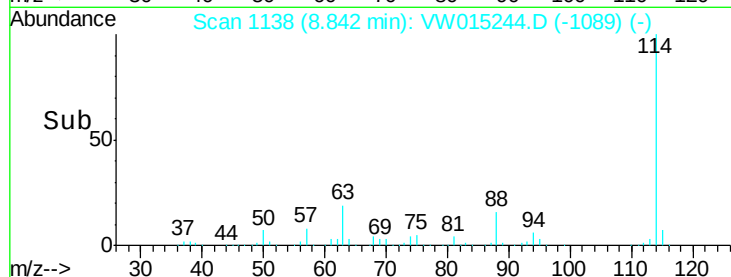
88 16.0 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 38.786 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015244.D

Acq: 21 Apr 2020 00:19

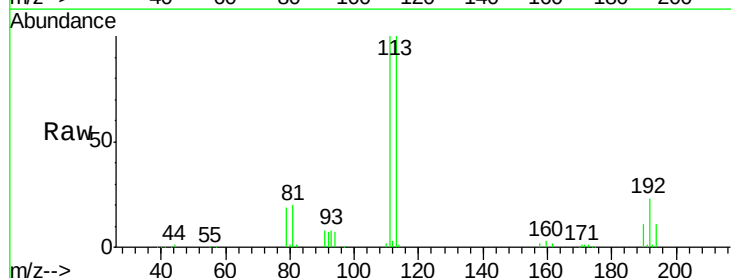
Tgt Ion:113 Resp: 58752

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

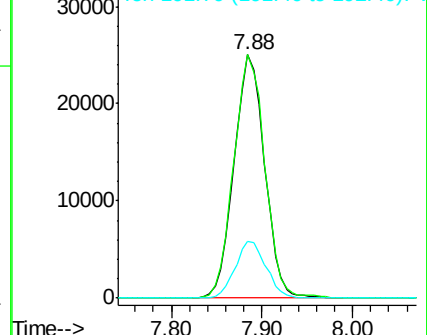
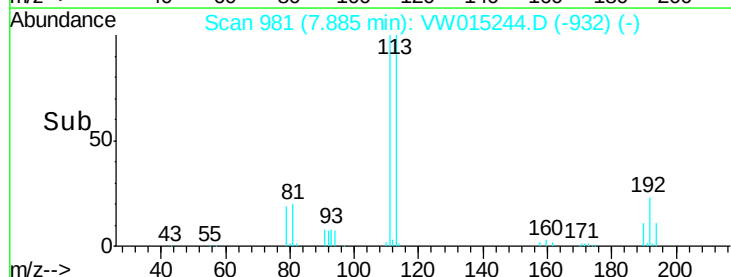
192 23.3 15.1 22.7#

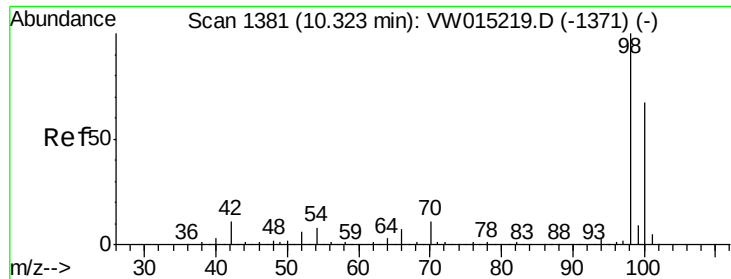


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.330 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015244.D

Acq: 21 Apr 2020 00:19

Instrument :

MSVOA_W

ClientSampled :

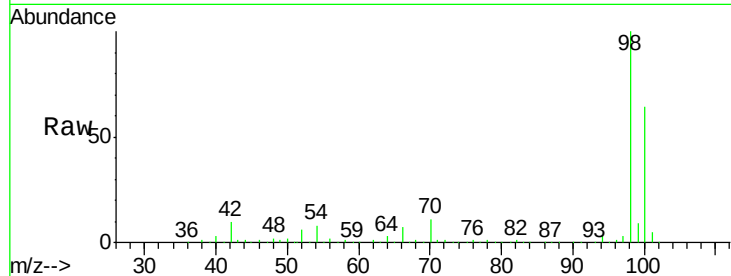
WC-F1-VOA

Tot Ion: 98 Resp: 333451

Ion Ratio Lower Upper

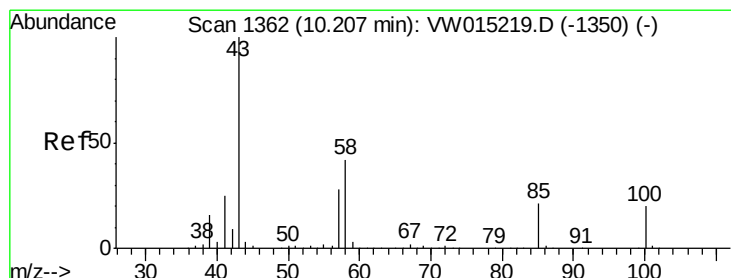
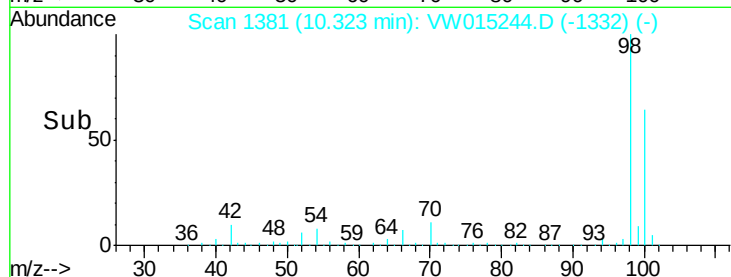
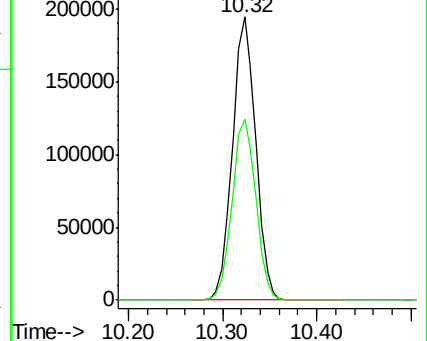
98 100

100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 4.456 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015244.D

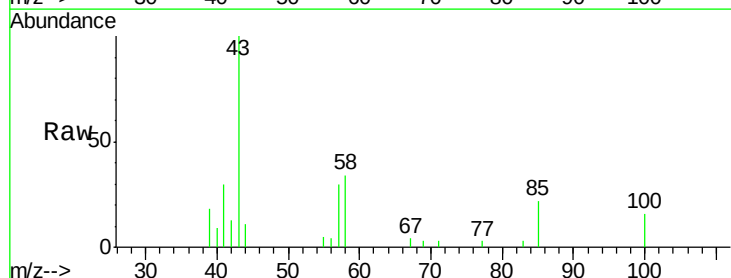
Acq: 21 Apr 2020 00:19

Tgt Ion: 43 Resp: 3514

Ion Ratio Lower Upper

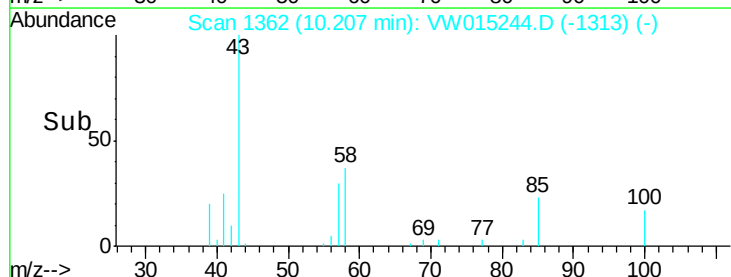
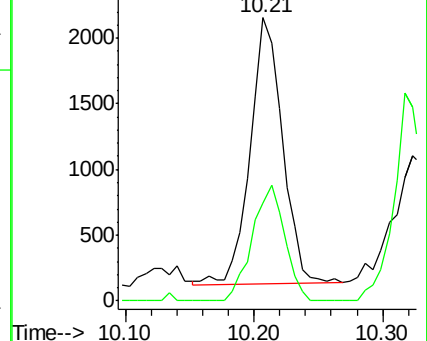
43 100

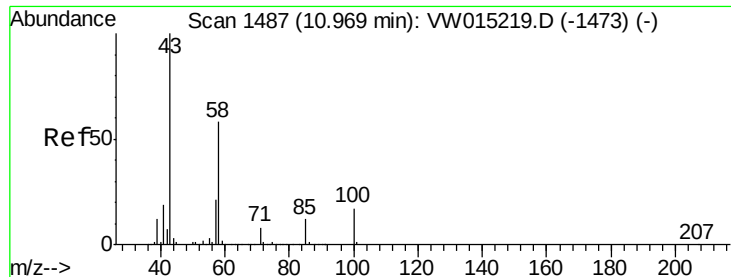
58 43.3 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

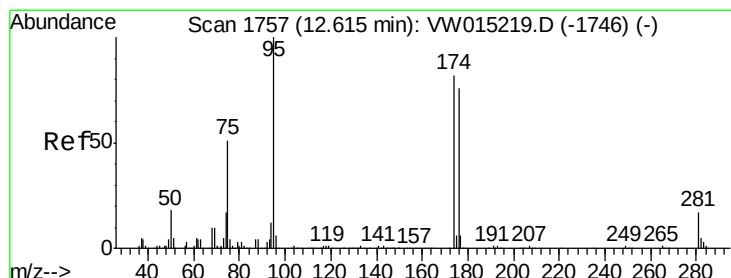
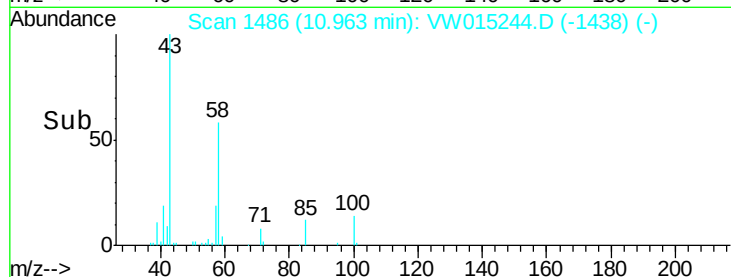
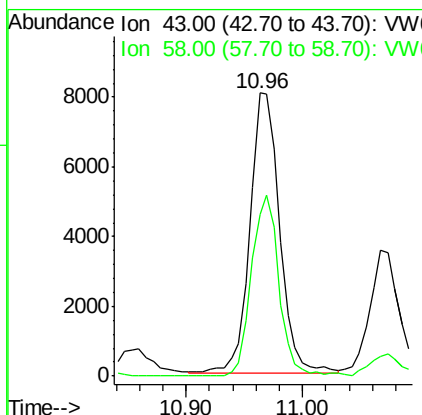
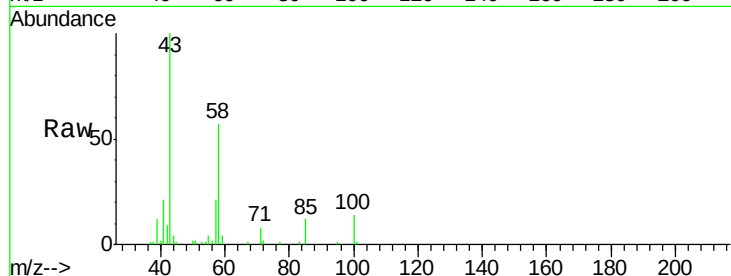




#59
2-Hexanone
Concen: 25.492 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015244.D
Acq: 21 Apr 2020 00:19

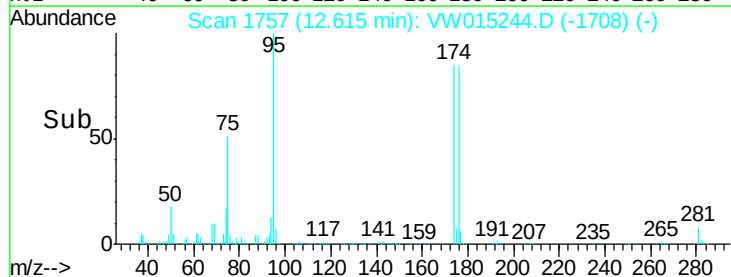
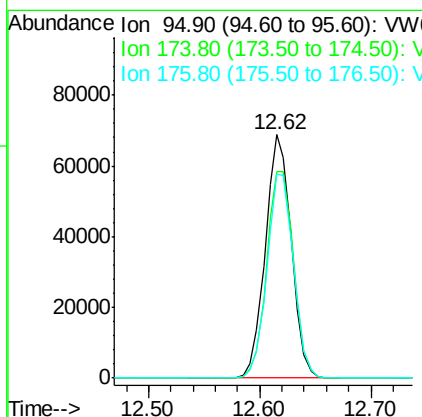
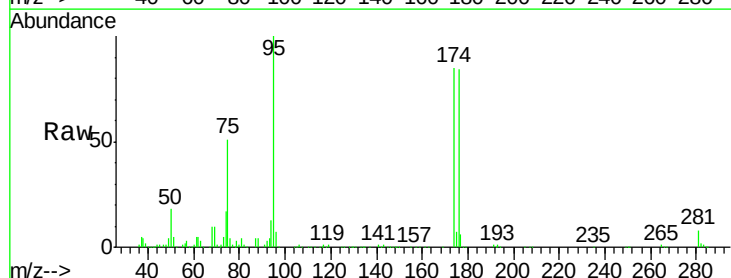
Instrument :
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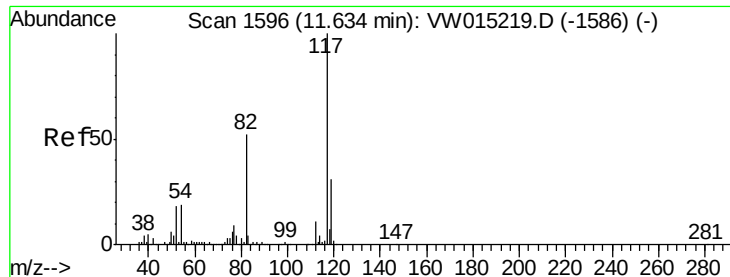
Tot Ion: 43 Resp: 14351
Ion Ratio Lower Upper
43 100
58 60.1 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 46.098 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015244.D
Acq: 21 Apr 2020 00:19

Tgt Ion: 95 Resp: 112077
Ion Ratio Lower Upper
95 100
174 88.0 0.0 144.4
176 85.4 0.0 140.6

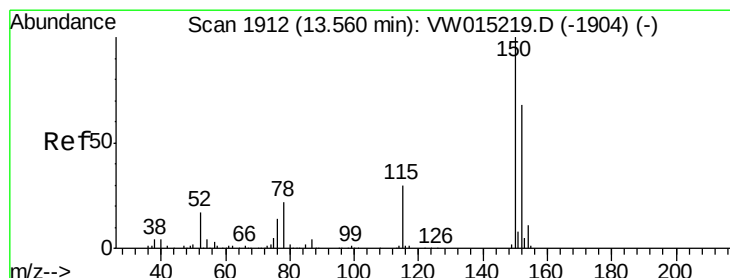
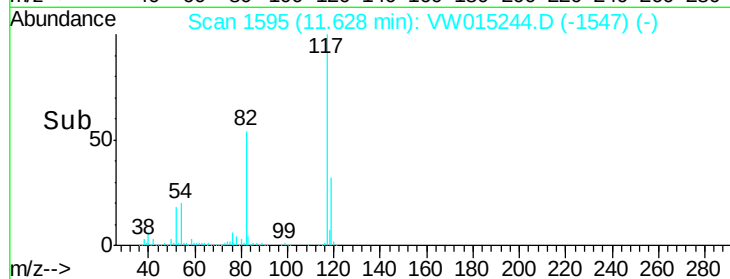
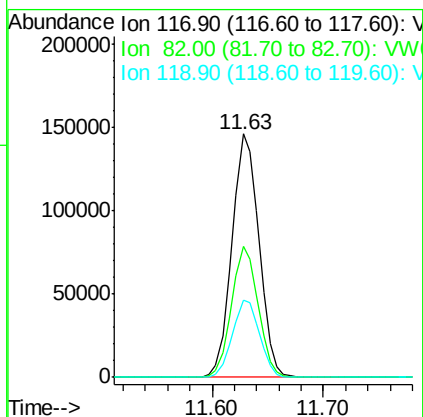
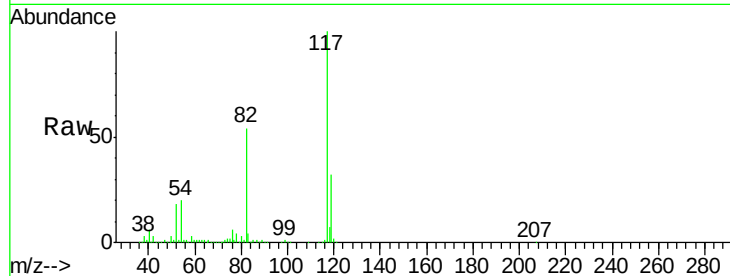




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015244.D
Acq: 21 Apr 2020 00:19

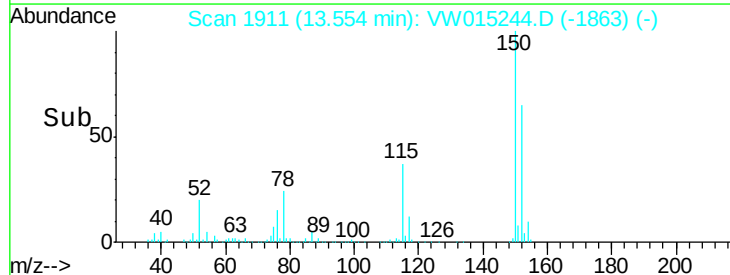
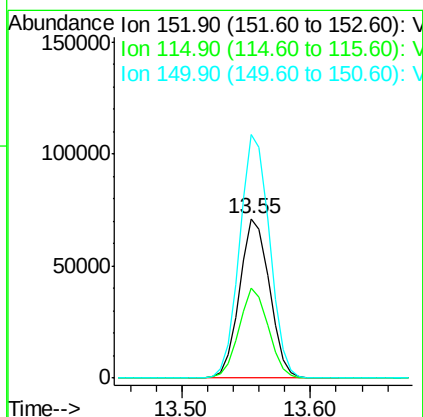
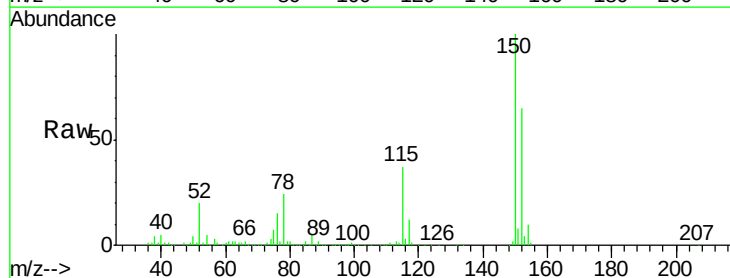
Instrument :
MSVOA_W
ClientSampleId :
WC-F1-VOA

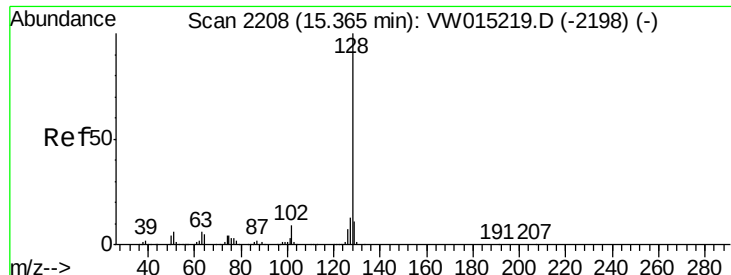
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.1	66.1
119	31.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015244.D
Acq: 21 Apr 2020 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	31.3	93.9
150	153.6	0.0	343.4





#95

Naphthalene

Concen: 1.150 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015244.D

Acq: 21 Apr 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

WC-F1-VOA

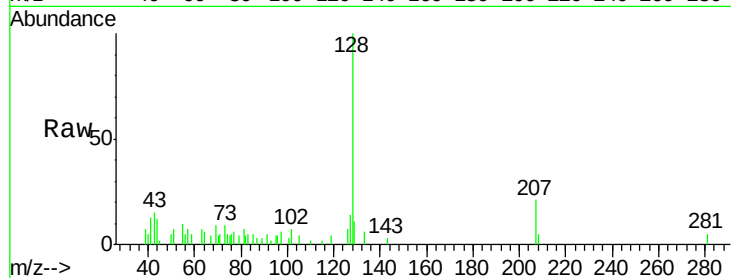
Tot Ion:128 Resp: 4032

Ion Ratio Lower Upper

128 100

127 16.9 10.3 15.5#

129 11.0 8.6 12.8



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

