

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011943.D
 Acq On : 15 Aug 2019 21:44
 Operator : SY/VA
 Sample : K4090-09
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-081519

Quant Time: Aug 16 05:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

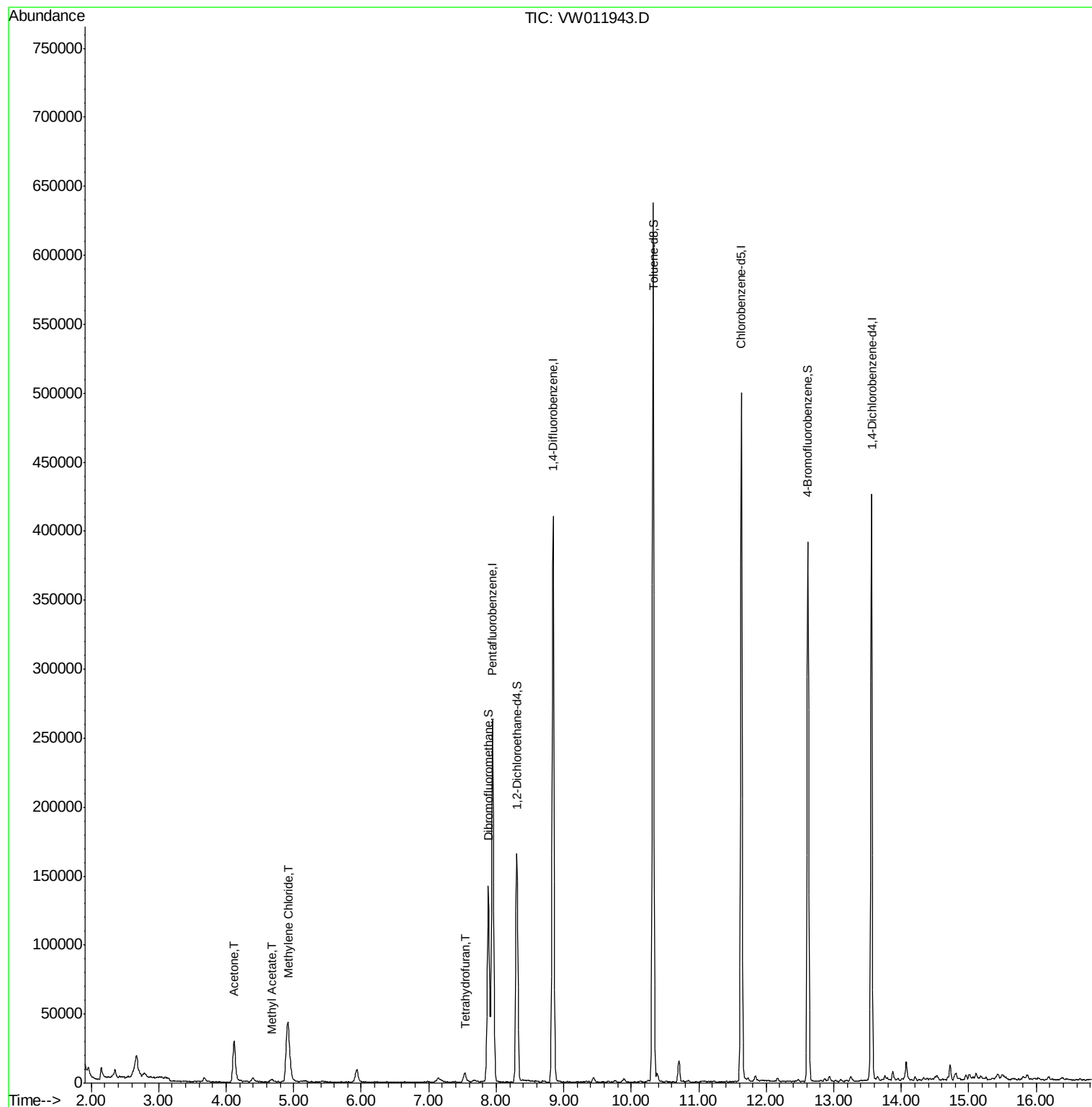
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132098	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
35) Dibromofluoromethane	7.88	113	100251	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
50) Toluene-d8	10.32	98	389220	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	123310	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
Target Compounds						
16) Acetone	4.12	43	54031	78.239	ug/l	93
18) Methyl Acetate	4.68	43	4972	3.205	ug/l #	83
20) Methylene Chloride	4.91	84	35656	14.971	ug/l	97
29) Tetrahydrofuran	7.54	42	5881	11.385	ug/l	97

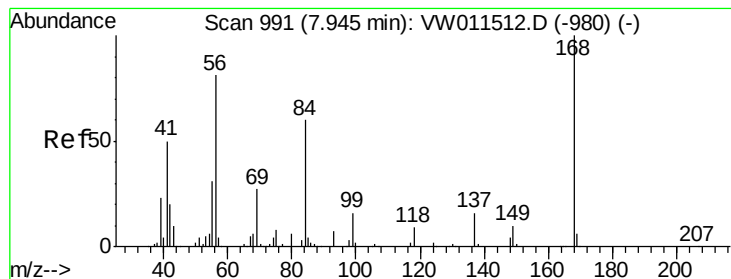
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011943.D

Acq: 15 Aug 2019 21:44

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MSVOA_W

ClientSampleId :

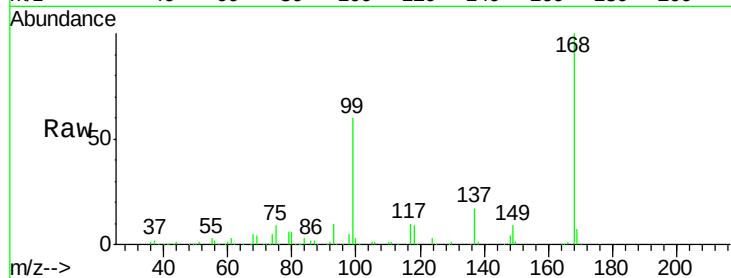
OR-02-081519

Tot Ion:168 Resp: 189066

Ion Ratio Lower Upper

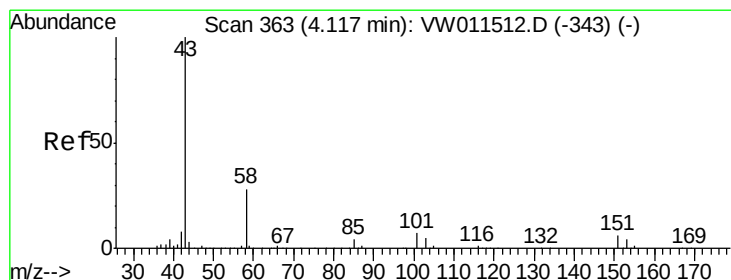
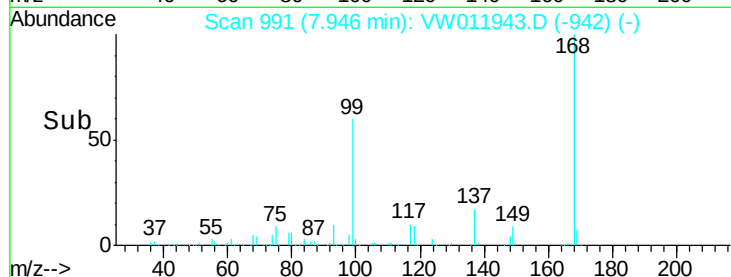
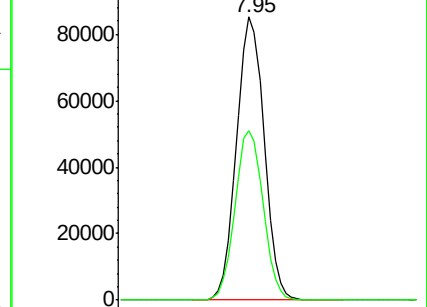
168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 78.239 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011943.D

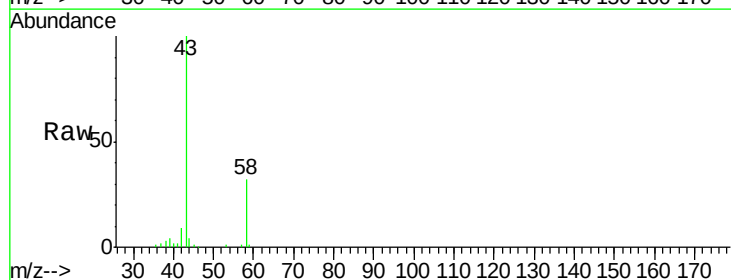
Acq: 15 Aug 2019 21:44

Tgt Ion: 43 Resp: 54031

Ion Ratio Lower Upper

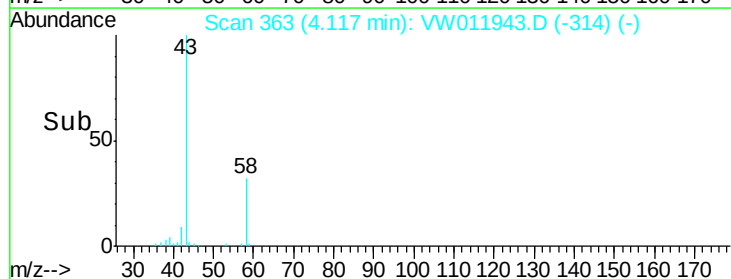
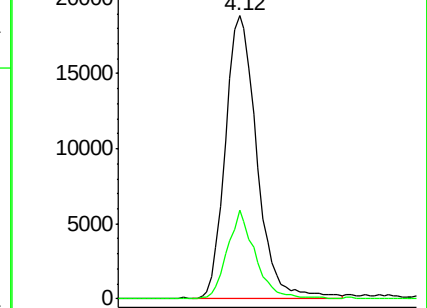
43 100

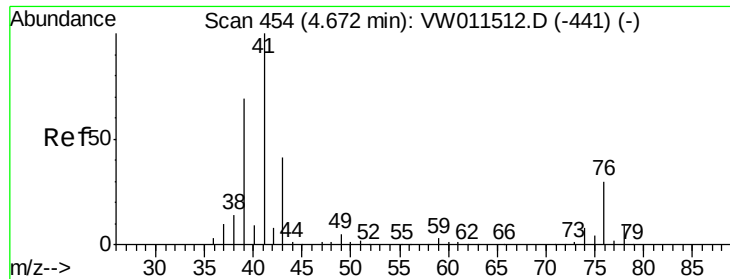
58 31.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

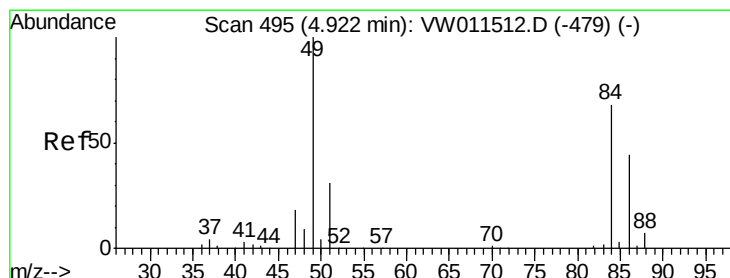
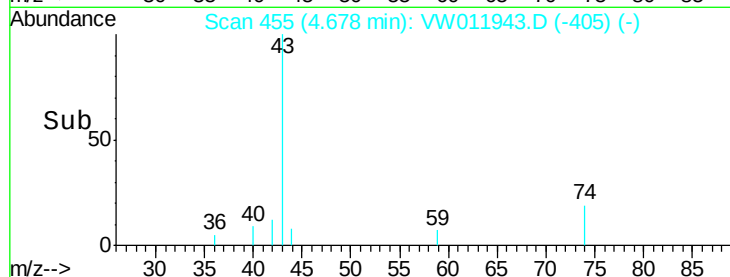
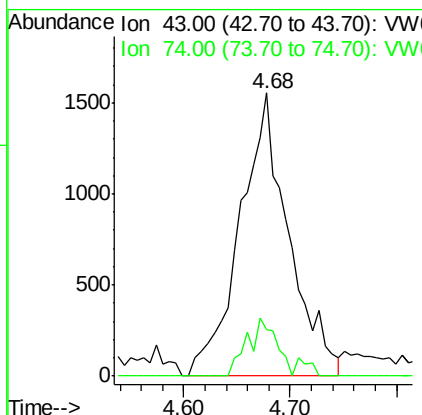
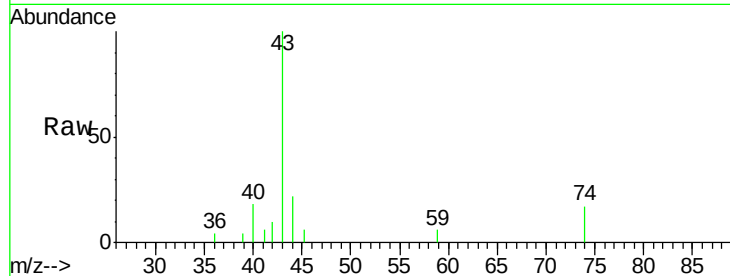




#18
Methyl Acetate
Concen: 3.205 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011943.D
Acq: 15 Aug 2019 21:44

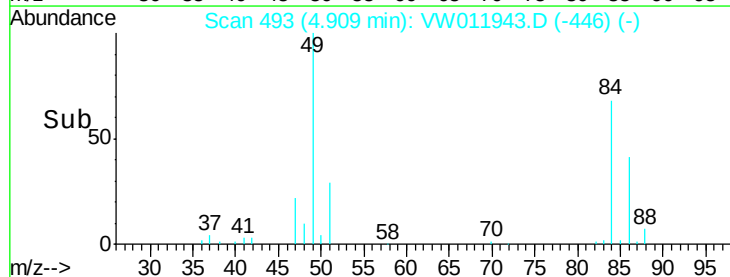
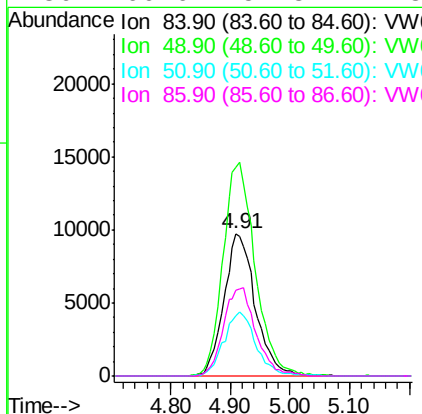
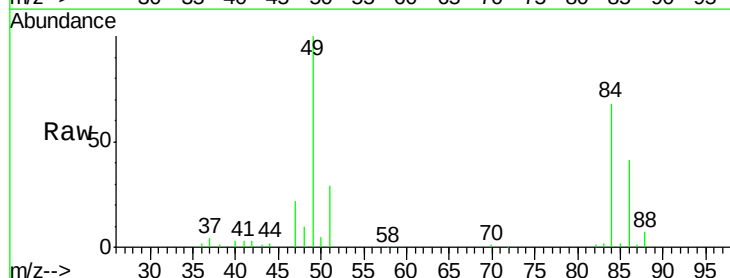
Instrument :
MSVOA_W
ClientSampleId :
OR-02-081519

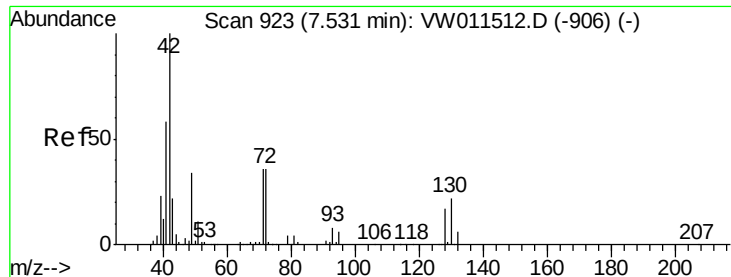
Tot Ion: 43 Resp: 4972
Ion Ratio Lower Upper
43 100
74 12.3 15.9 23.9#



#20
Methylene Chloride
Concen: 14.971 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011943.D
Acq: 15 Aug 2019 21:44

Tgt Ion: 84 Resp: 35656
Ion Ratio Lower Upper
84 100
49 146.9 117.8 176.6
51 42.2 37.0 55.4
86 60.6 51.8 77.8





#29

Tetrahydrofuran

Concen: 11.385 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW011943.D

Acq: 15 Aug 2019 21:44

Instrument :

MSVOA_W

ClientSampled :

OR-02-081519

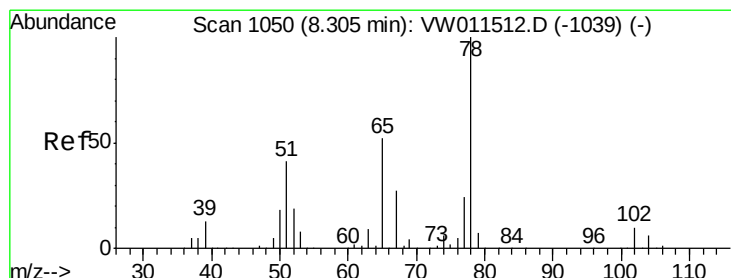
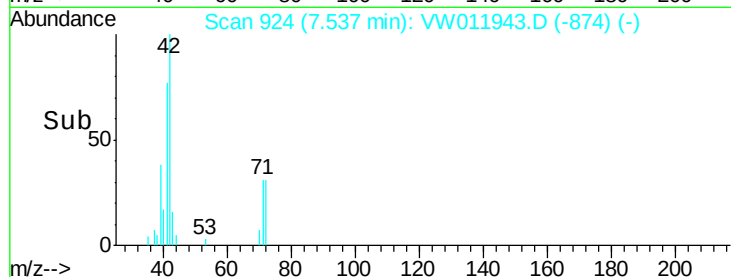
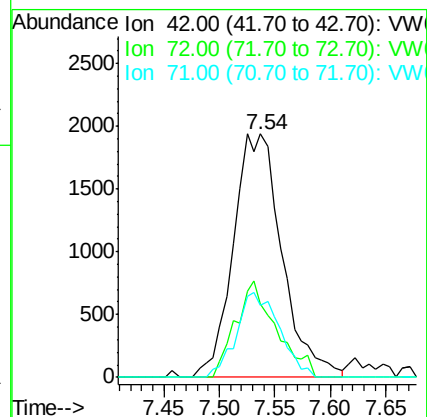
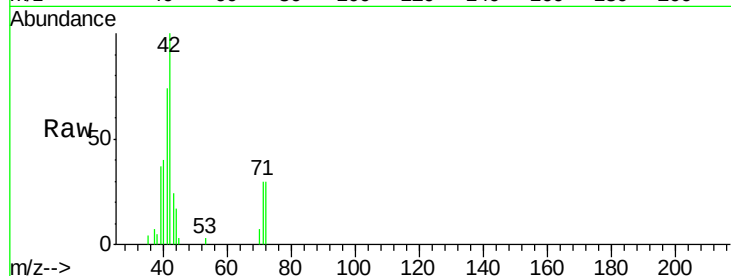
Tot Ion: 42 Resp: 5881

Ion Ratio Lower Upper

42 100

72 32.9 27.1 40.7

71 30.9 26.2 39.4



#33

1,2-Dichloroethane-d4

Concen: 60.846 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011943.D

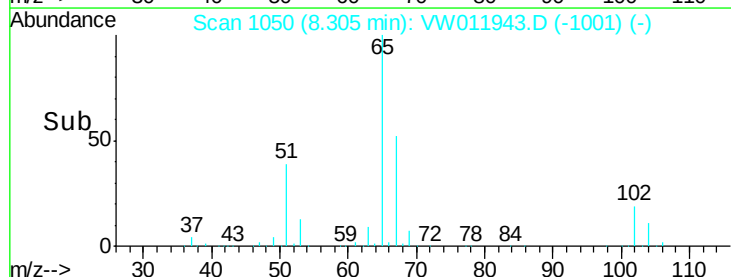
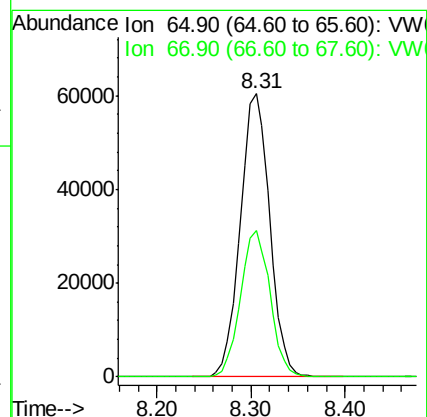
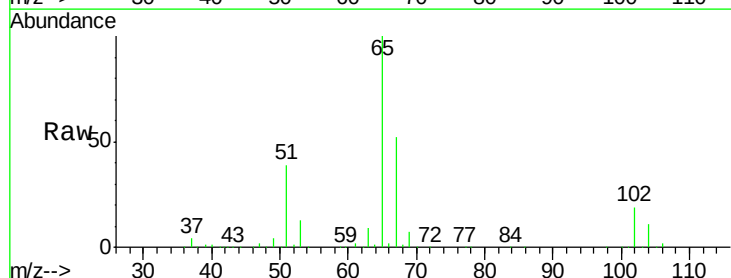
Acq: 15 Aug 2019 21:44

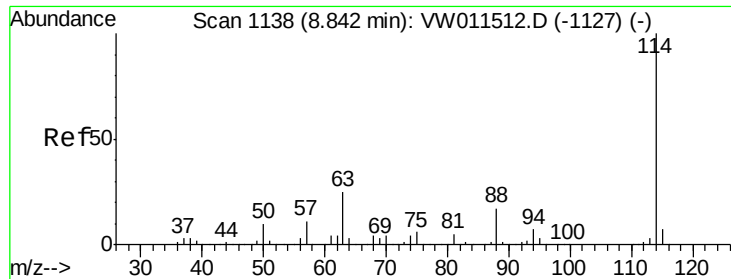
Tgt Ion: 65 Resp: 132098

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2

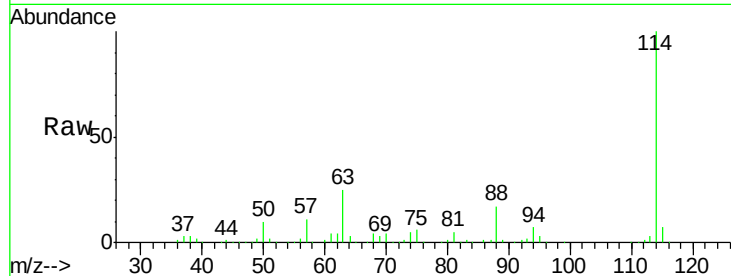




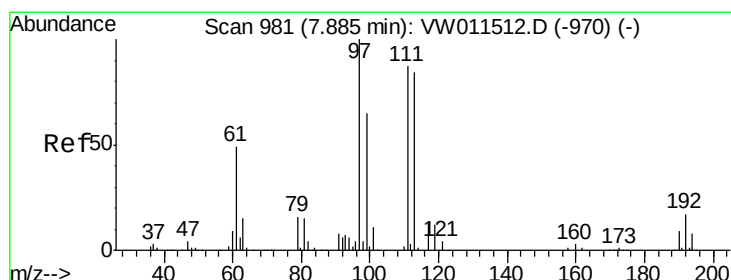
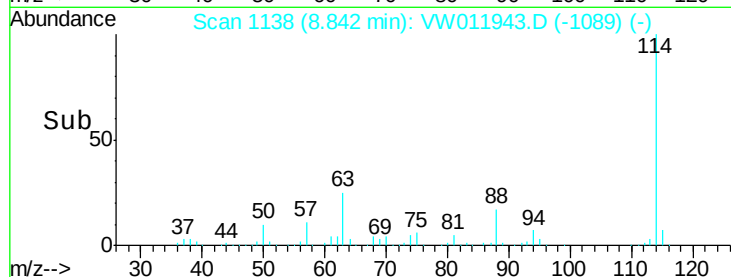
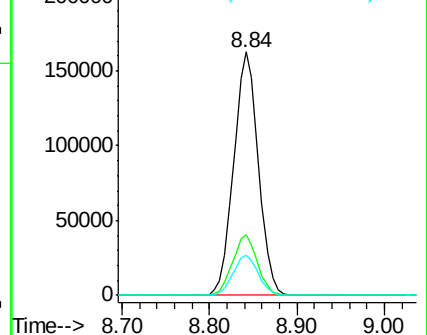
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011943.D
Acq: 15 Aug 2019 21:44

Instrument :
MSVOA_W
ClientSampleId :
OR-02-081519

Tot Ion:114 Resp: 318415
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.2
88 16.6 0.0 33.8

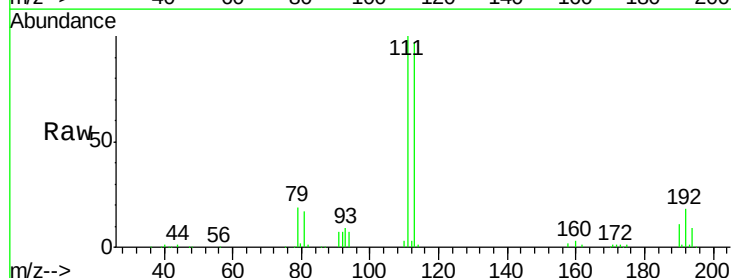


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

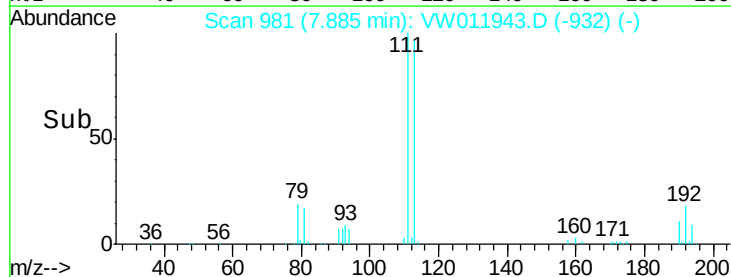
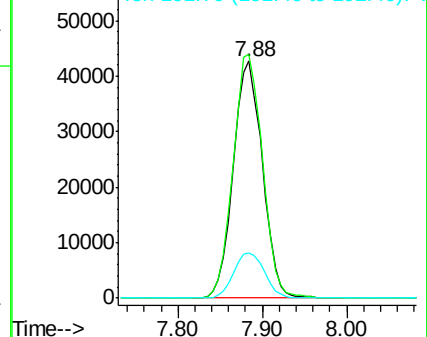


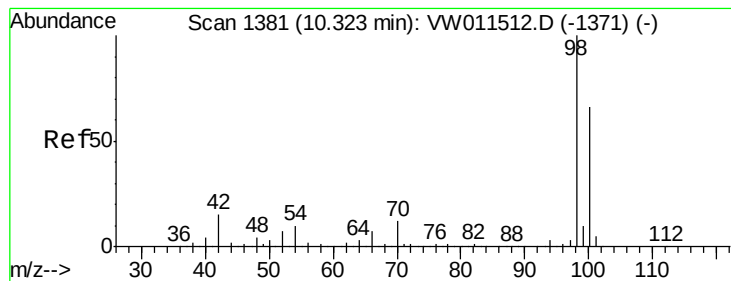
#35
Dibromofluoromethane
Concen: 56.120 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011943.D
Acq: 15 Aug 2019 21:44

Tgt Ion:113 Resp: 100251
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 19.9 16.1 24.1



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: 53.216 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011943.D

Acq: 15 Aug 2019 21:44

Instrument :

MSVOA_W

ClientSampleId :

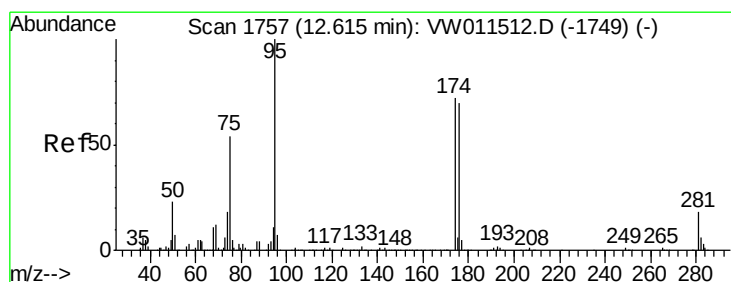
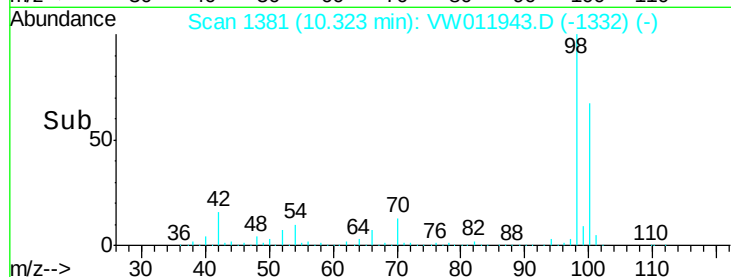
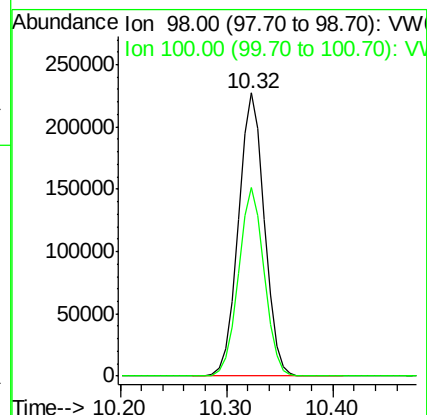
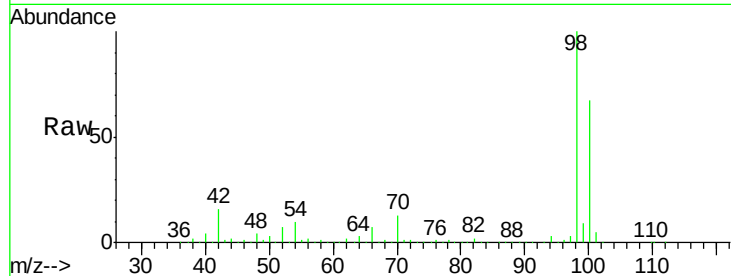
OR-02-081519

Tot Ion: 98 Resp: 389220

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 47.290 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011943.D

Acq: 15 Aug 2019 21:44

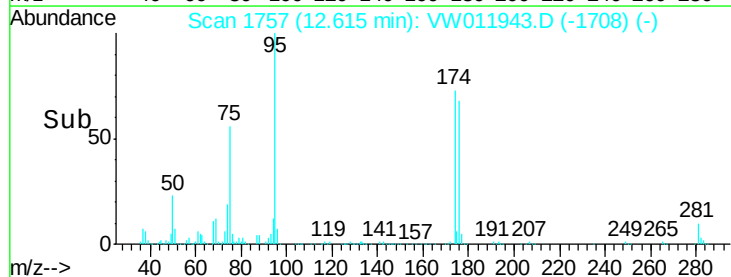
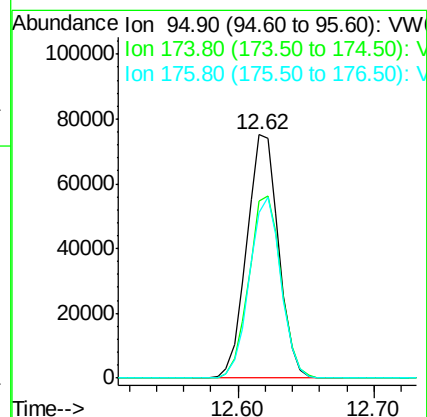
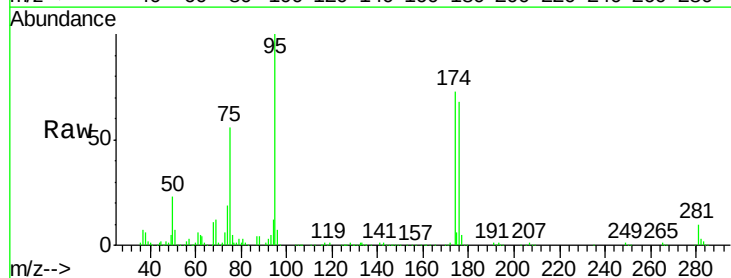
Tgt Ion: 95 Resp: 123310

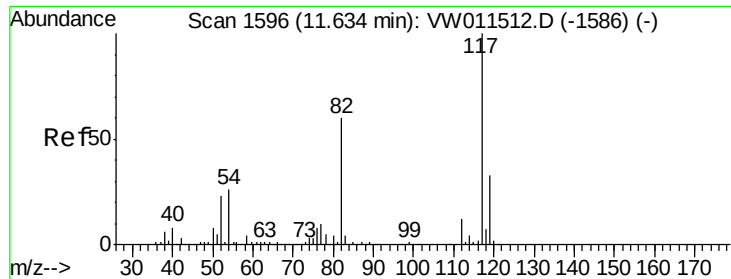
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.2

176 73.4 0.0 144.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW011943.D

Acq: 15 Aug 2019 21:44

Instrument :

MSVOA_W

ClientSampleId :

OR-02-081519

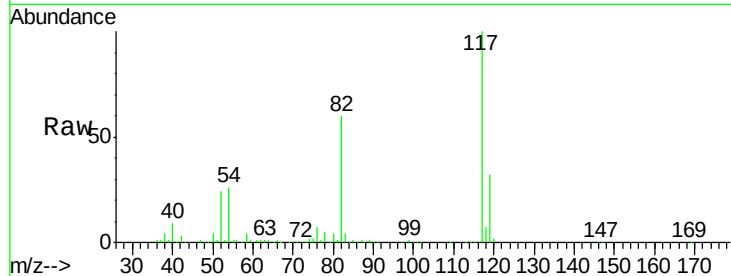
Tot Ion:117 Resp: 263910

Ion Ratio Lower Upper

117 100

82 60.1 47.9 71.9

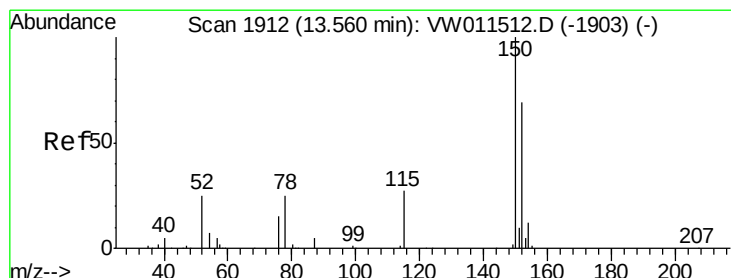
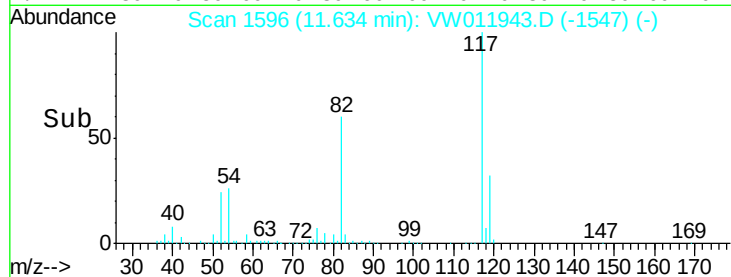
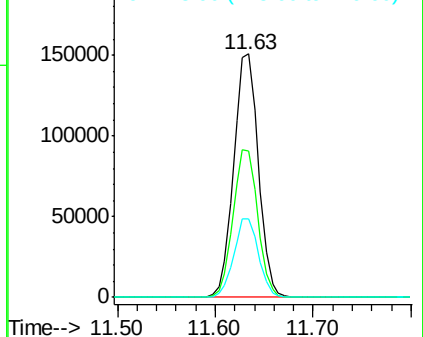
119 32.2 26.2 39.2



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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011943.D

Acq: 15 Aug 2019 21:44

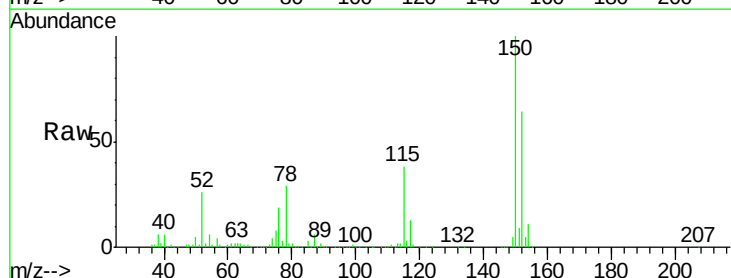
Tgt Ion:152 Resp: 104838

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 157.0 0.0 352.6



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

