

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012643.D
 Acq On : 05 Sep 2019 16:20
 Operator : SY/VA
 Sample : K4639-03RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-01RE

Quant Time: Sep 05 17:09:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

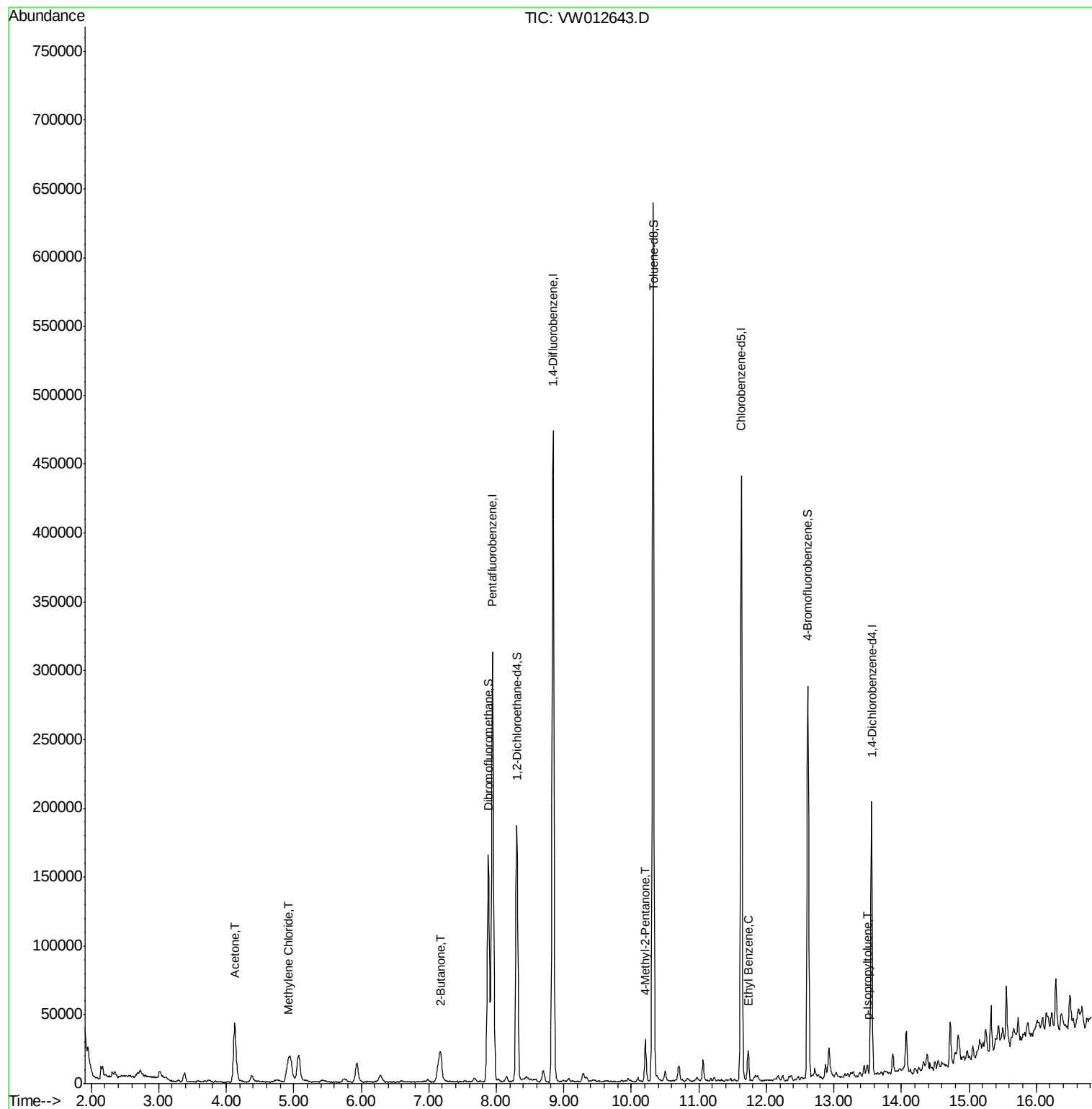
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148079	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	119336	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.32	98	401292	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	12.62	95	84937	26.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.12%	
Target Compounds						
16) Acetone	4.13	43	82574	120.522	ug/l	92
20) Methylene Chloride	4.92	84	9702	3.746	ug/l	97
25) 2-Butanone	7.17	43	36155	38.834	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	21365	10.682	ug/l	99
67) Ethyl Benzene	11.73	91	13457	1.501	ug/l	93
86) p-Isopropyltoluene	13.50	119	4421	1.306	ug/l	98

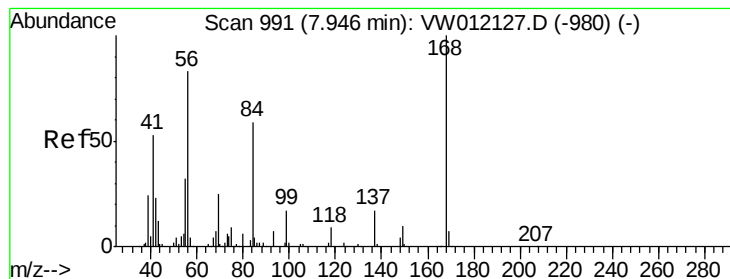
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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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: VW012643.D

Acq: 05 Sep 2019 16:20

Instrument :

MSVOA_W

ClientSampleId :

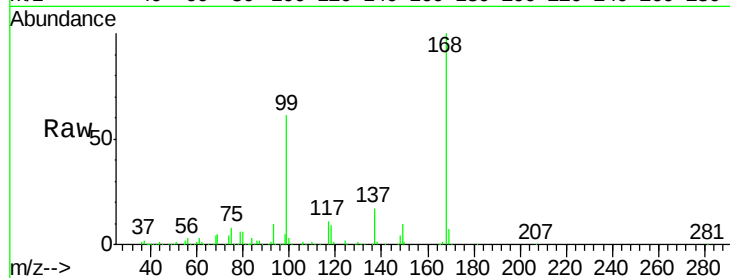
DW-01RE

Tot Ion:168 Resp: 225470

Ion Ratio Lower Upper

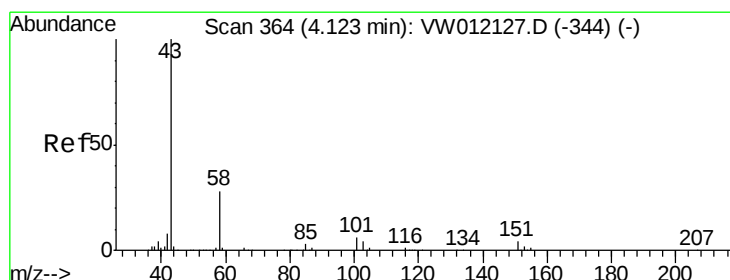
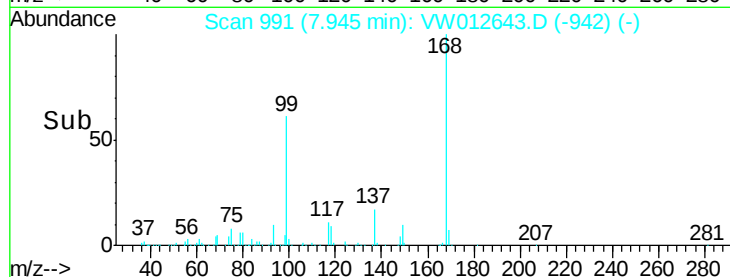
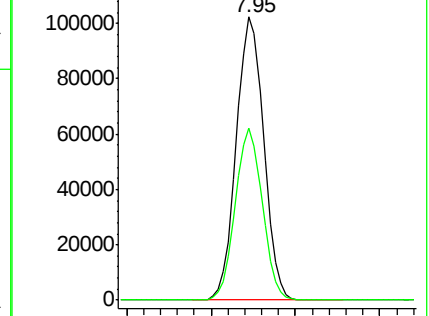
168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 120.522 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012643.D

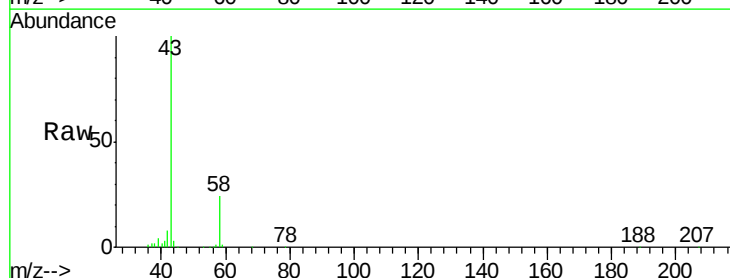
Acq: 05 Sep 2019 16:20

Tgt Ion: 43 Resp: 82574

Ion Ratio Lower Upper

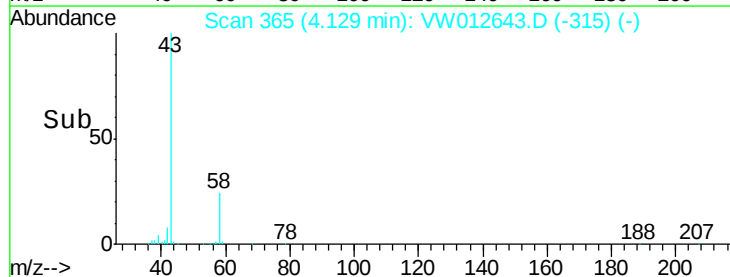
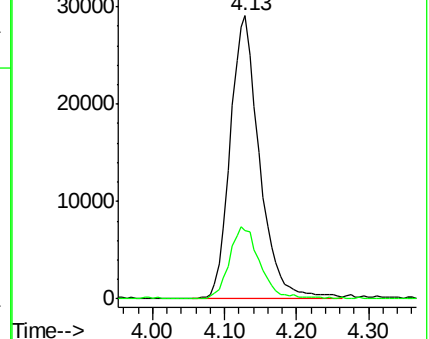
43 100

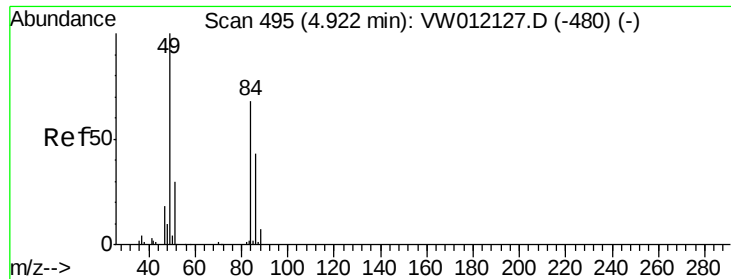
58 23.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

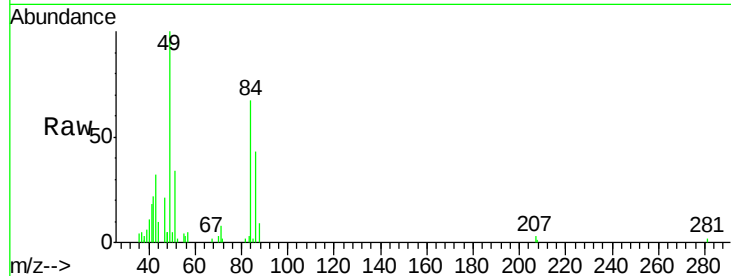




#20
Methylene Chloride
Concen: 3.746 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012643.D
Acq: 05 Sep 2019 16:20

Instrument :
MSVOA_W
ClientSampleId :
DW-01RE

Tot Ion:	84	Resp:	9702
Ion	Ratio	Lower	Upper
84	100		
49	149.8	117.8	176.8
51	51.4	35.6	53.4
86	63.8	51.2	76.8

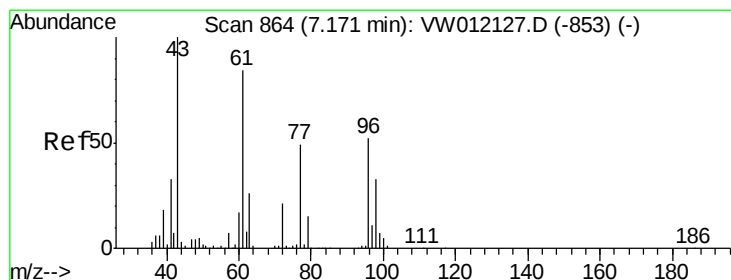
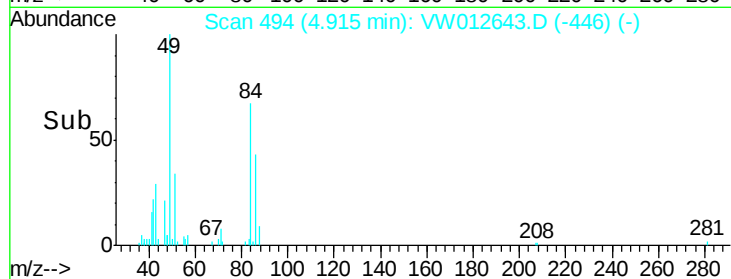
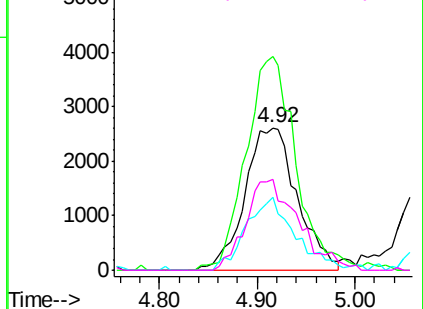


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

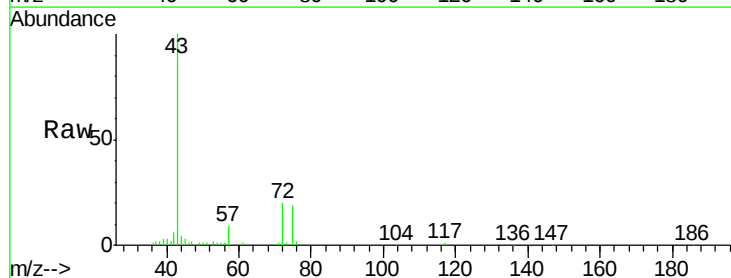
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



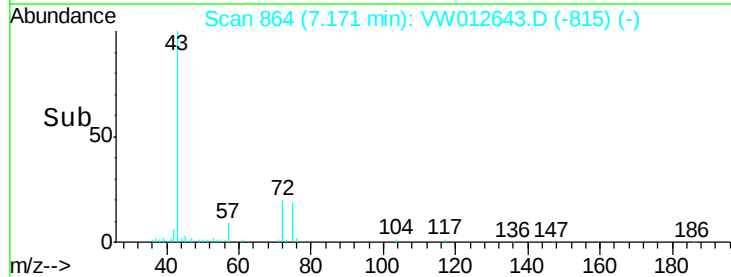
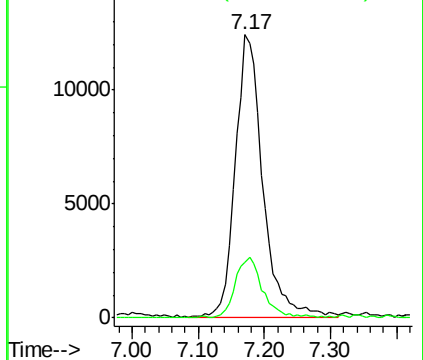
#25
2-Butanone
Concen: 38.834 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW012643.D
Acq: 05 Sep 2019 16:20

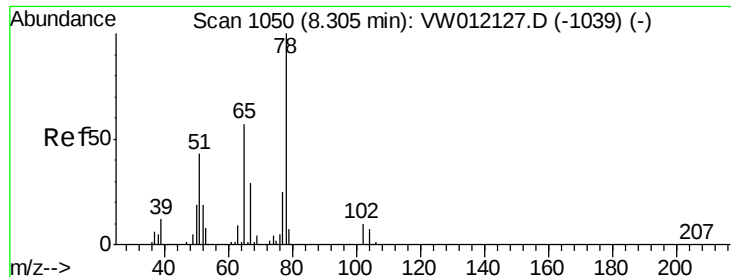
Tgt Ion:	43	Resp:	36155
Ion	Ratio	Lower	Upper
43	100		
72	19.8	16.6	24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

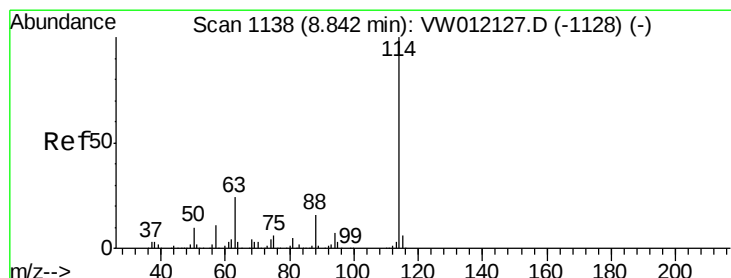
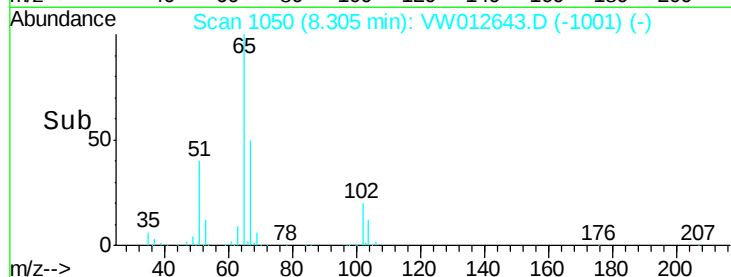
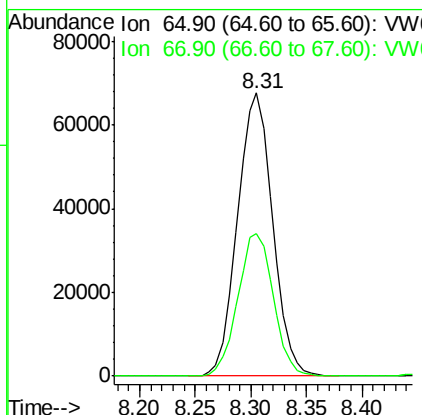
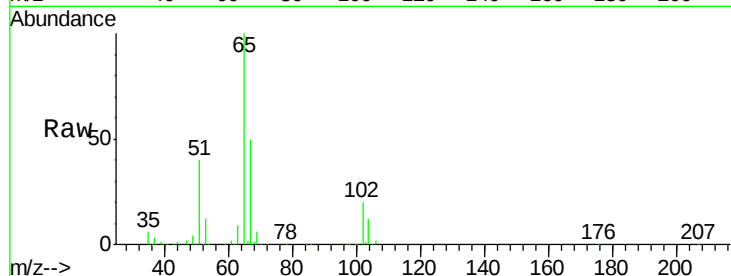




#33
 1,2-Dichloroethane-d4
 Concen: 55.247 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012643.D
 Acq: 05 Sep 2019 16:20

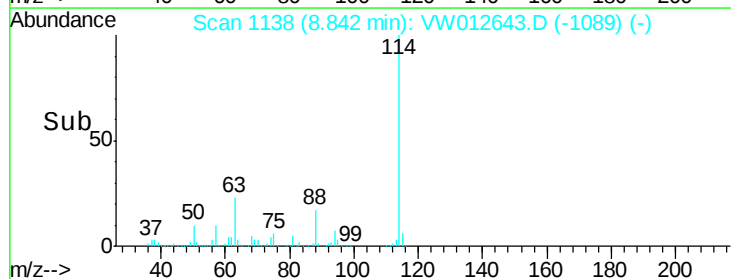
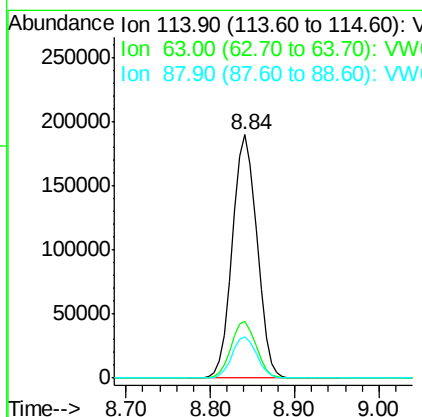
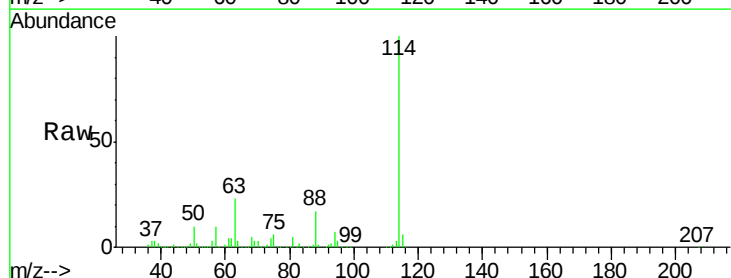
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-01RE

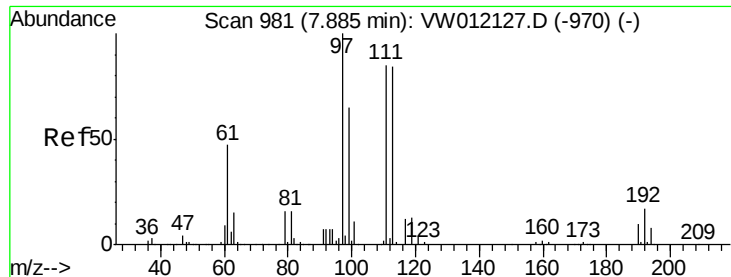
Tot Ion: 65 Resp: 148079
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012643.D
 Acq: 05 Sep 2019 16:20

Tgt Ion: 114 Resp: 374879
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 48.6
 88 17.1 0.0 32.2

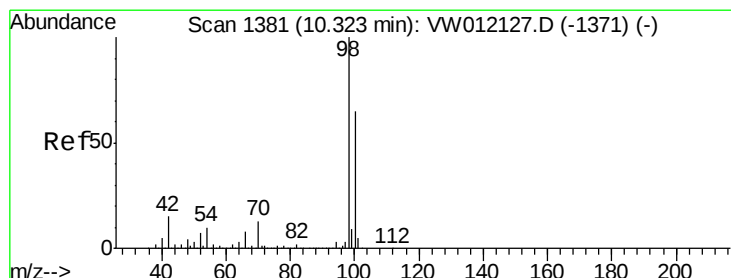
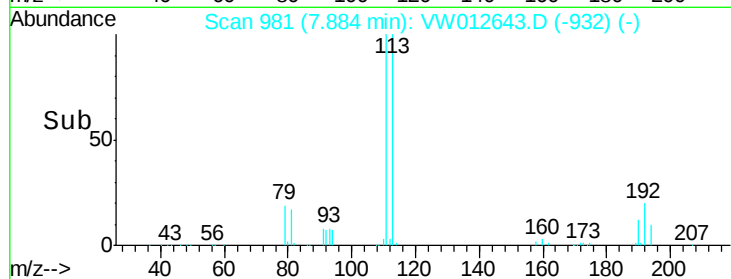
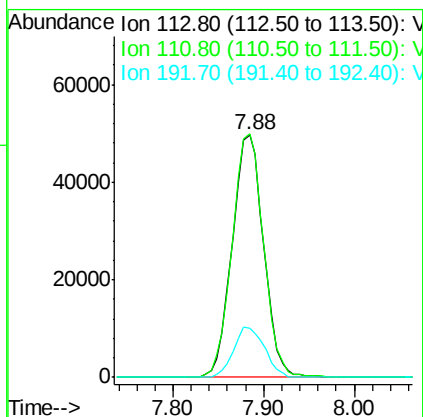
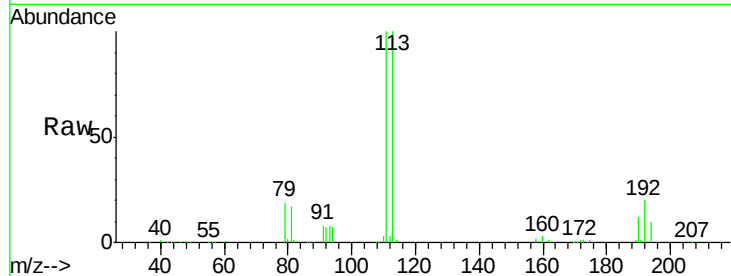




#35
 Dibromofluoromethane
 Concen: 53.331 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012643.D
 Acq: 05 Sep 2019 16:20

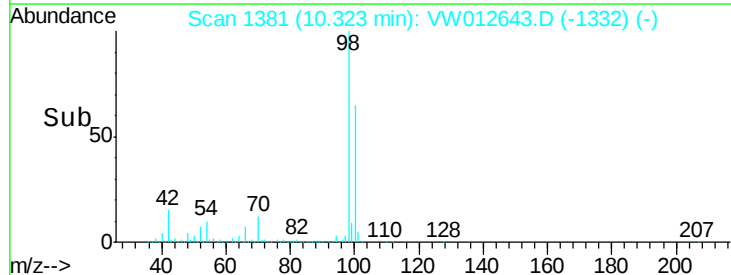
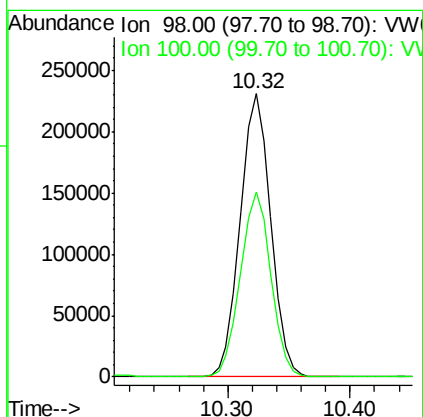
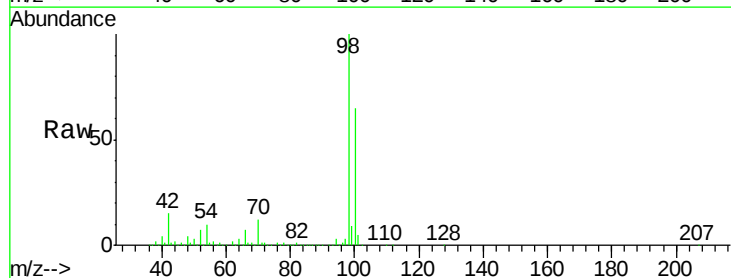
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-01RE

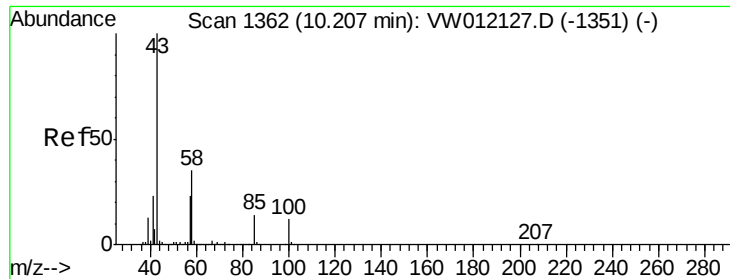
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.7	124.1
192	20.5	16.2	24.2



#50
 Toluene-d8
 Concen: 44.229 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012643.D
 Acq: 05 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 10.682 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW012643.D

Acq: 05 Sep 2019 16:20

Instrument :

MSVOA_W

ClientSampleId :

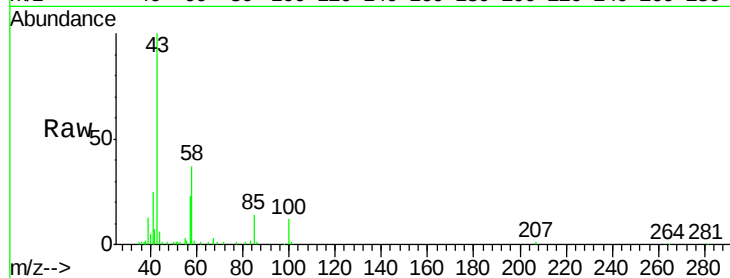
DW-01RE

Tot Ion: 43 Resp: 21365

Ion Ratio Lower Upper

43 100

58 35.6 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

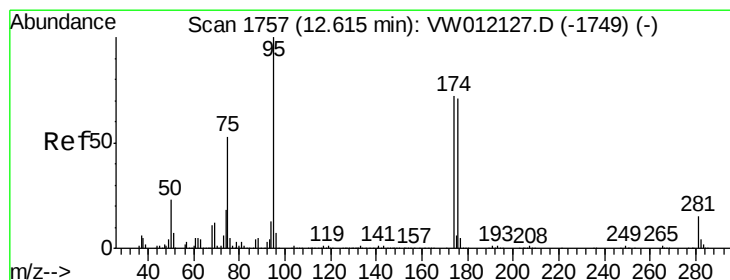
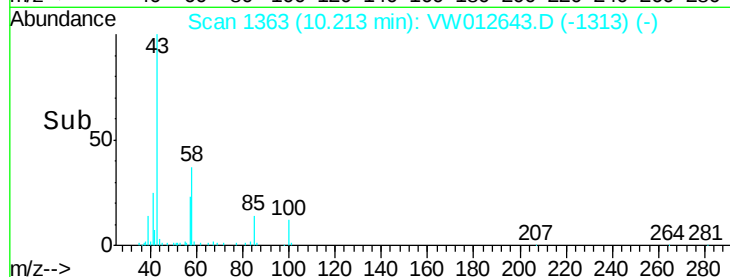
10.21

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 26.557 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012643.D

Acq: 05 Sep 2019 16:20

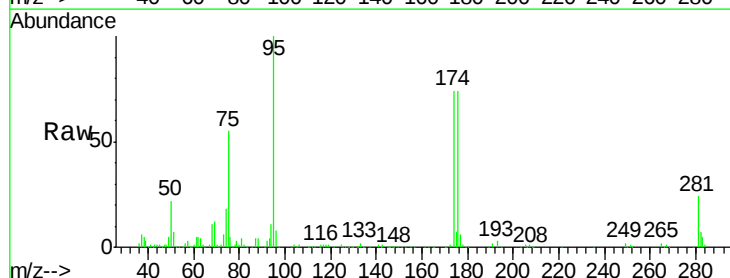
Tgt Ion: 95 Resp: 84937

Ion Ratio Lower Upper

95 100

174 78.7 0.0 150.8

176 76.9 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

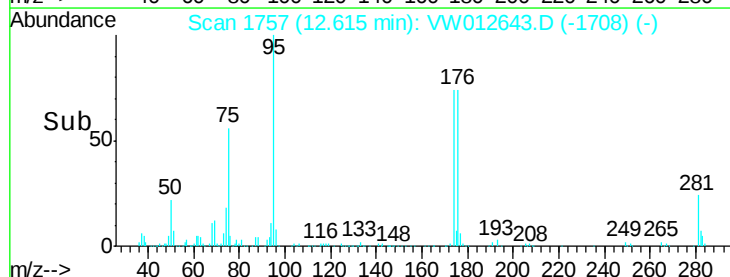
60000

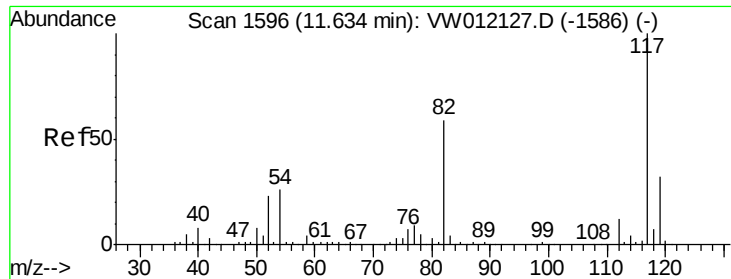
40000

20000

0

Time-->

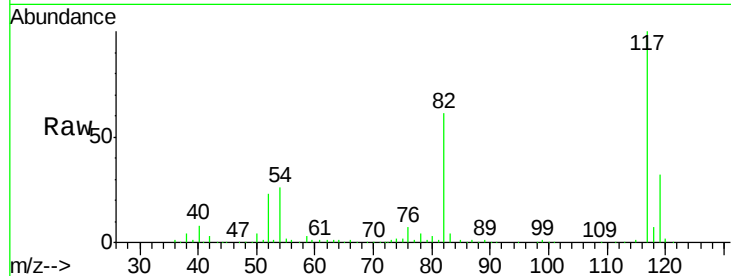




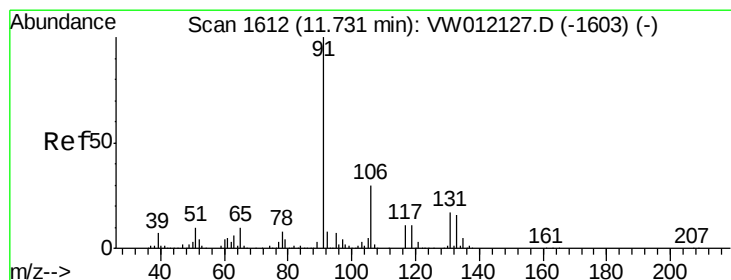
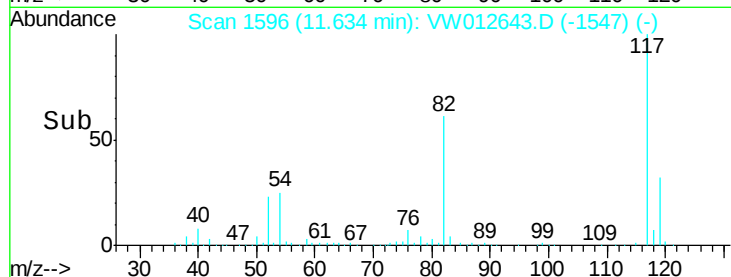
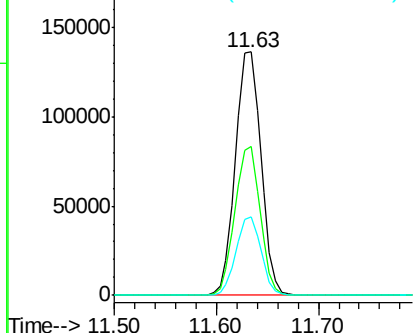
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012643.D
Acq: 05 Sep 2019 16:20

Instrument :
MSVOA_W
ClientSampleId :
DW-01RE

Tot Ion:117 Resp: 236397
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.5 25.4 38.2

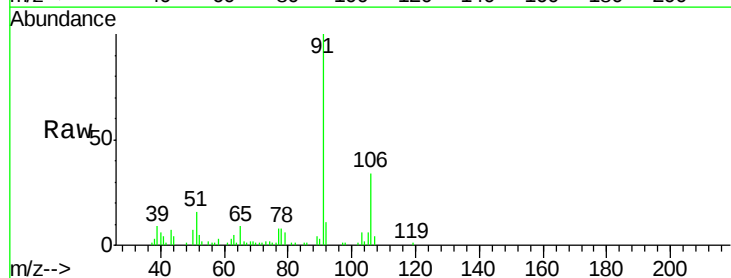


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

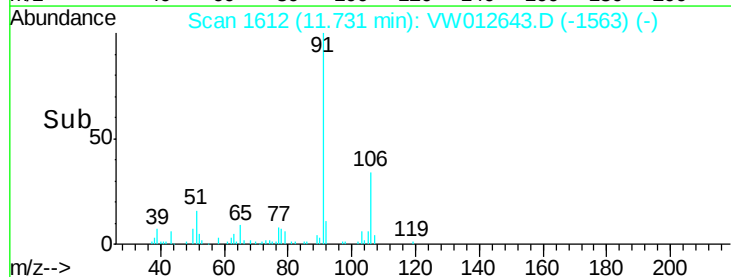
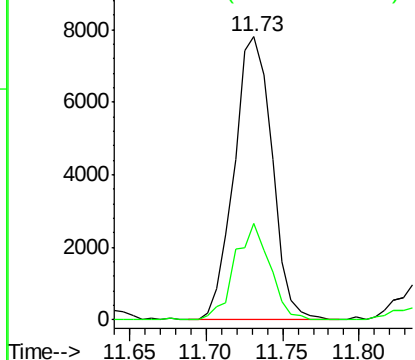


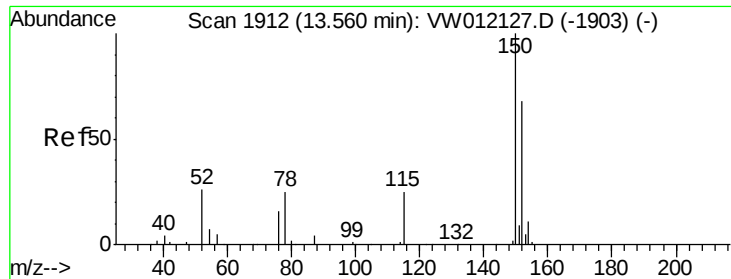
#67
Ethyl Benzene
Concen: 1.501 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012643.D
Acq: 05 Sep 2019 16:20

Tgt Ion: 91 Resp: 13457
Ion Ratio Lower Upper
91 100
106 34.3 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V



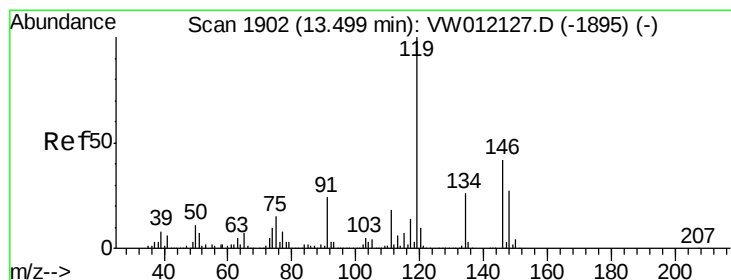
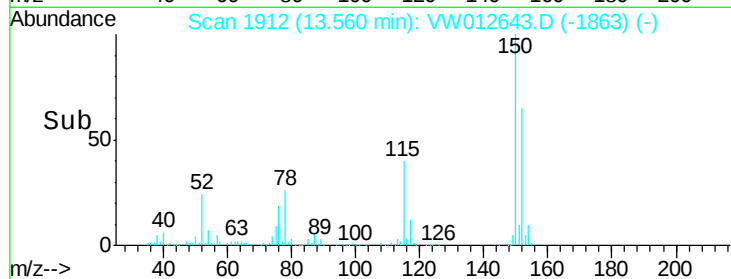
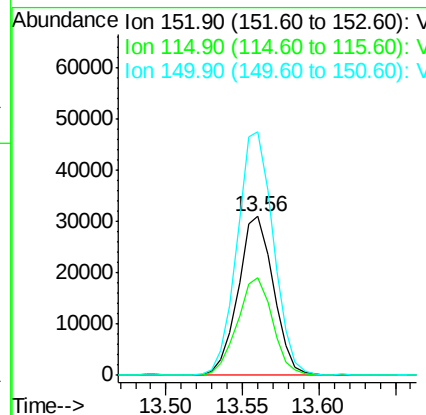
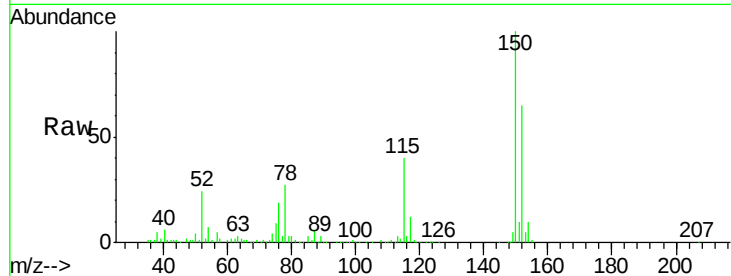


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012643.D
Acq: 05 Sep 2019 16:20

Instrument :
MSVOA_W
ClientSampleId :
DW-01RE

Tot Ion:152 Resp: 49876
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 156.9 0.0 345.8



#86

p-Isopropyltoluene
Concen: 1.306 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012643.D
Acq: 05 Sep 2019 16:20

Tgt Ion:119 Resp: 4421
Ion Ratio Lower Upper
119 100
134 26.6 12.8 38.3
91 23.6 12.3 36.9

