

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011039.D
 Acq On : 28 Jun 2019 02:15
 Operator : SY/VA
 Sample : K3157-11
 Misc : 6.84G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-A

Quant Time: Jun 28 09:18:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

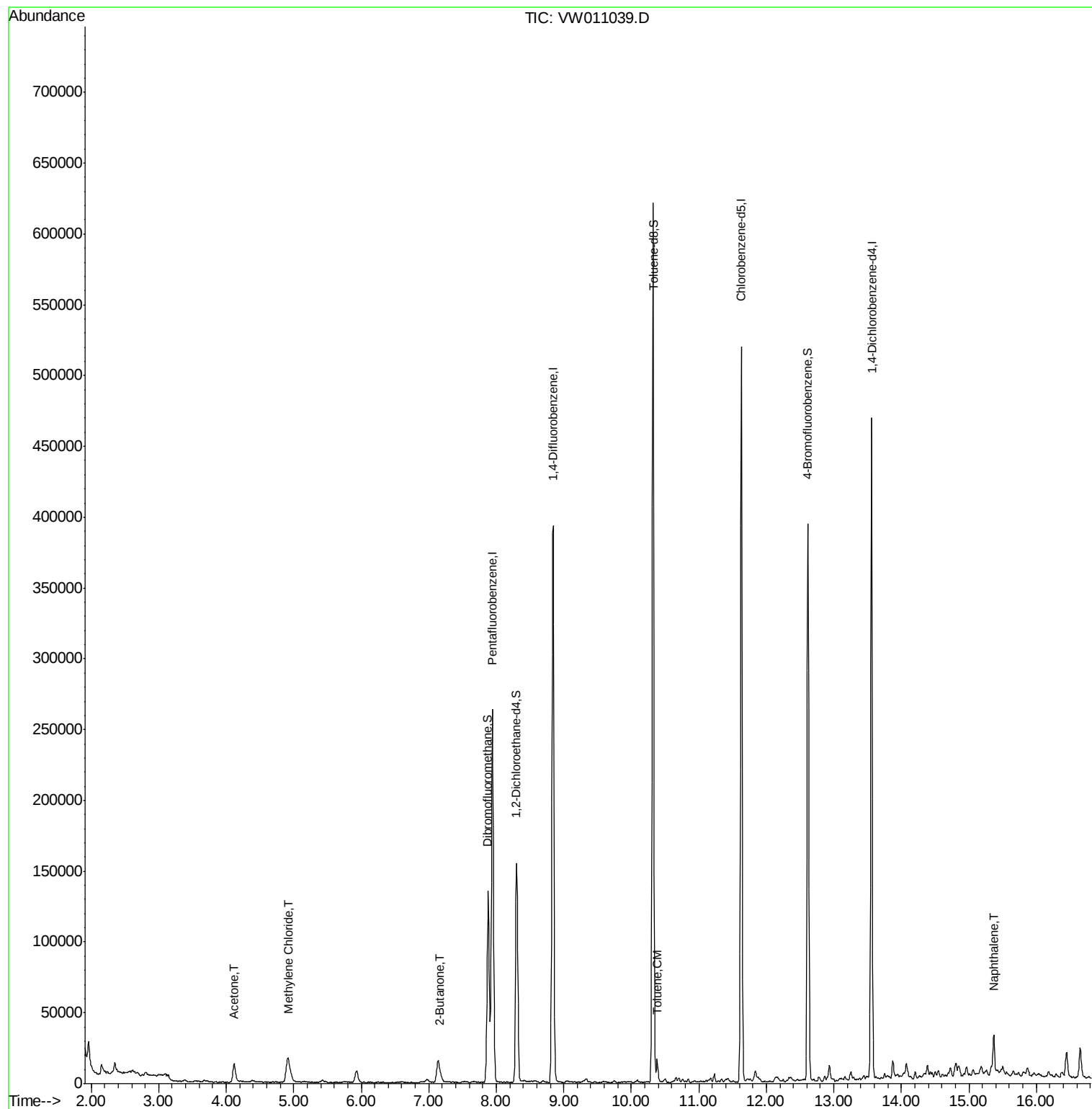
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	308314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	123628	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	7.88	113	94242	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.32	98	383708	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.62	95	125162	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
Target Compounds						
16) Acetone	4.12	43	24235	40.715	ug/l	Qvalue 100
20) Methylene Chloride	4.91	84	13942	5.765	ug/l	96
25) 2-Butanone	7.17	43	7368	8.143	ug/l	96
52) Toluene	10.38	92	6161	1.104	ug/l	96
95) Naphthalene	15.37	128	23203	5.421	ug/l	97

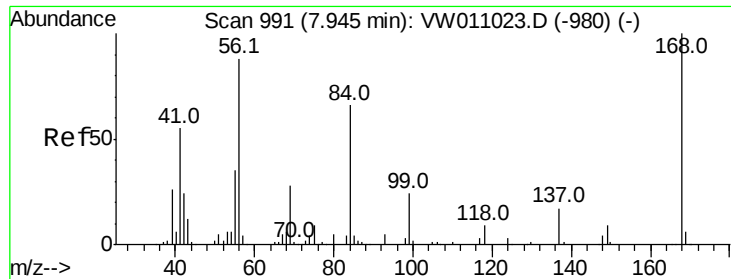
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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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: VW011039.D

Acq: 28 Jun 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

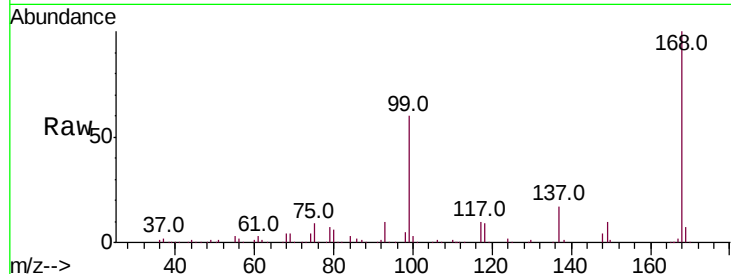
CL-02-062619-A

Tot Ion:168 Resp: 186539

Ion Ratio Lower Upper

168 100

99 60.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

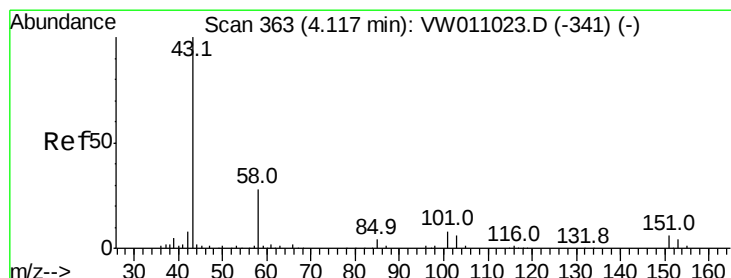
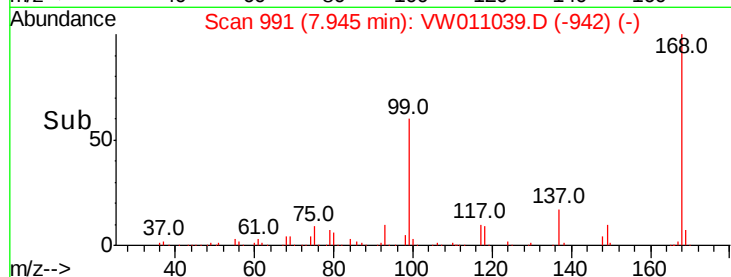
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 40.715 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011039.D

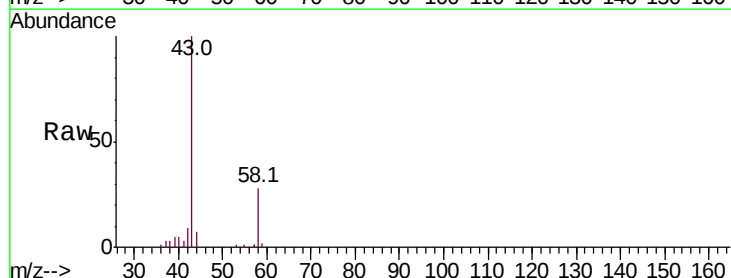
Acq: 28 Jun 2019 02:15

Tgt Ion: 43 Resp: 24235

Ion Ratio Lower Upper

43 100

58 28.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

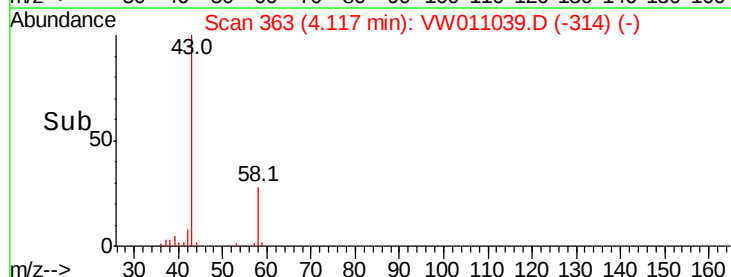
6000

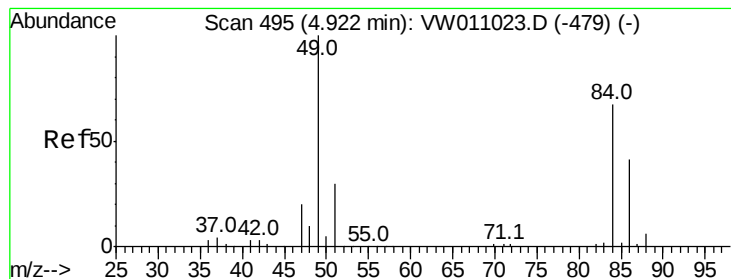
4000

2000

0

Time--> 4.00 4.10 4.20





#20

Methvlene Chloride

Concen: 5.765 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011039.D

Acq: 28 Jun 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-A

Tot Ion: 84 Resp: 13942

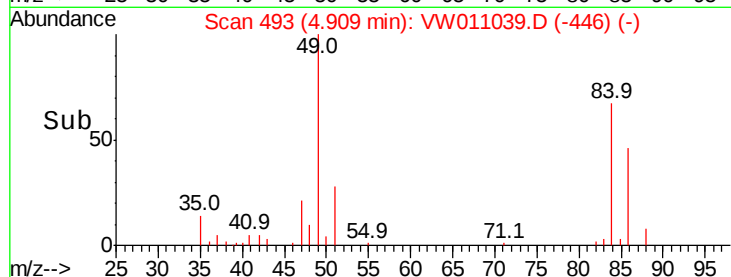
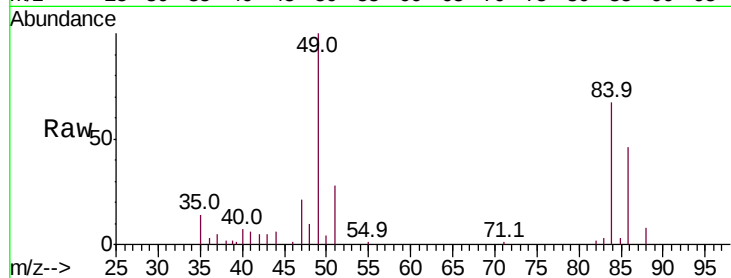
Ion Ratio Lower Upper

84 100

49 148.2 119.6 179.4

51 40.9 35.6 53.4

86 68.3 49.0 73.6

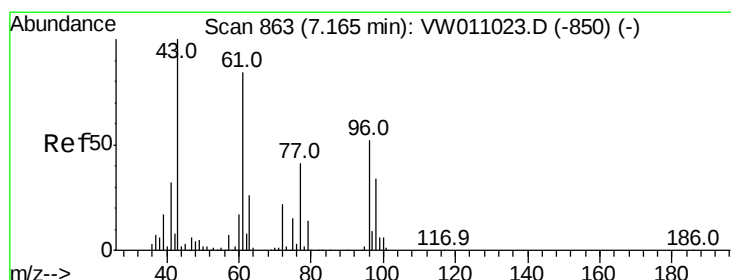
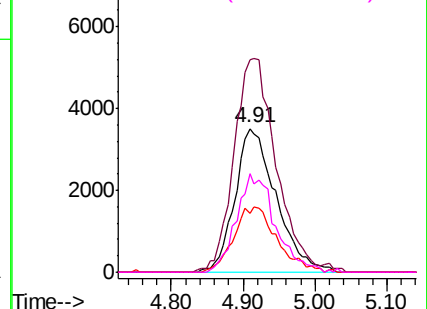


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.143 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011039.D

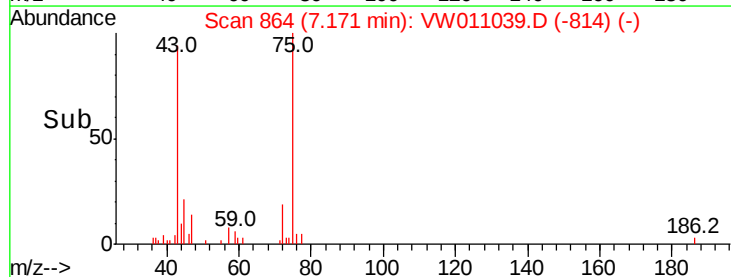
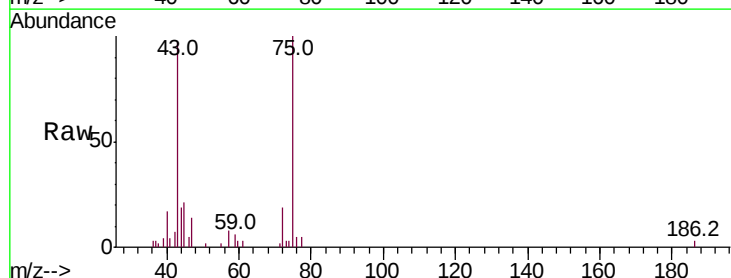
Acq: 28 Jun 2019 02:15

Tgt Ion: 43 Resp: 7368

Ion Ratio Lower Upper

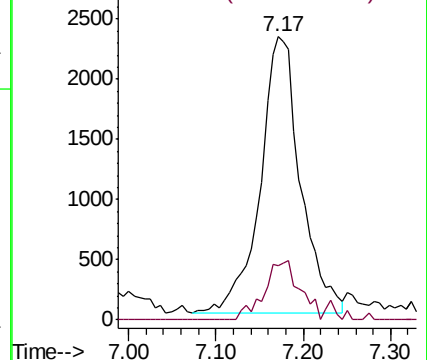
43 100

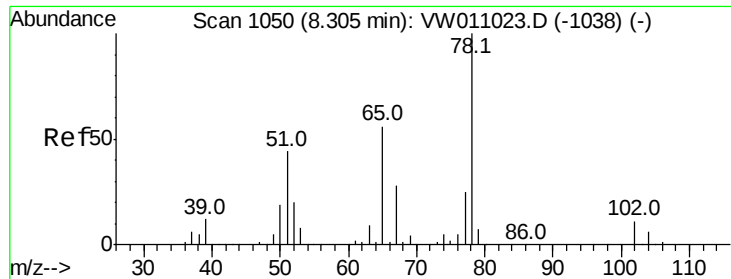
72 19.8 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

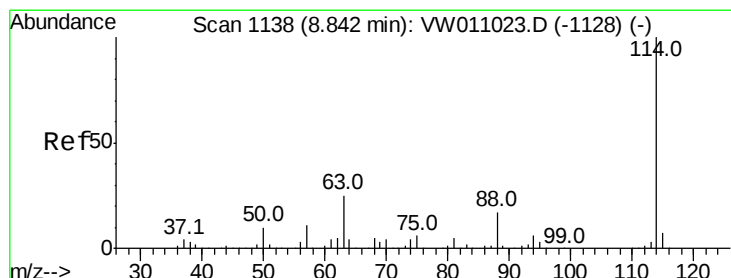
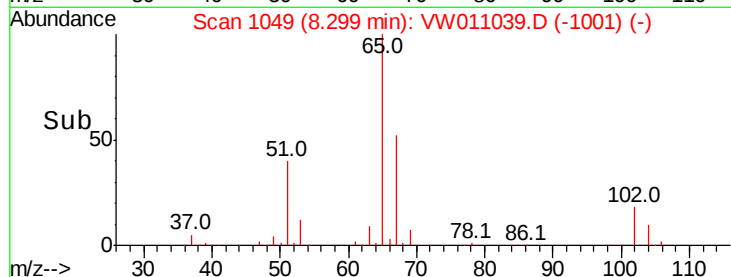
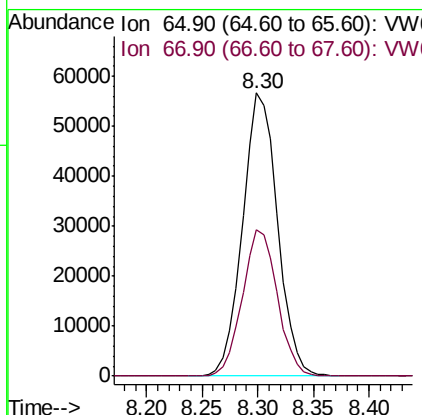
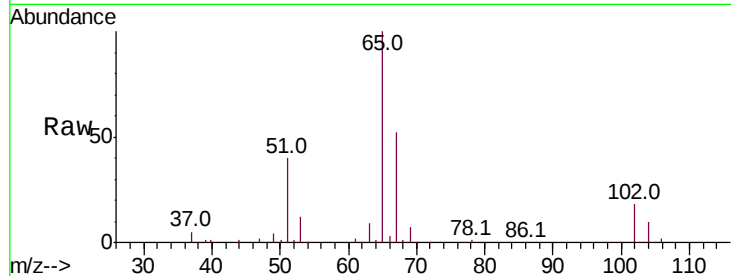




#33
 1,2-Dichloroethane-d4
 Concen: 50.697 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011039.D
 Acq: 28 Jun 2019 02:15

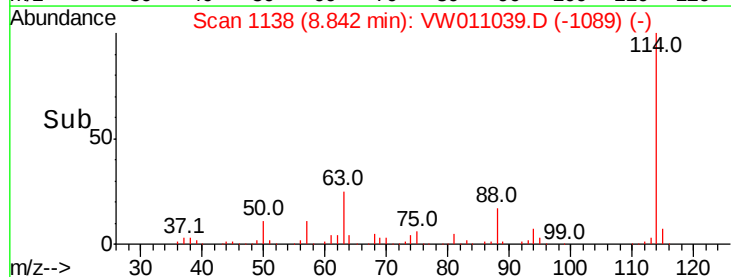
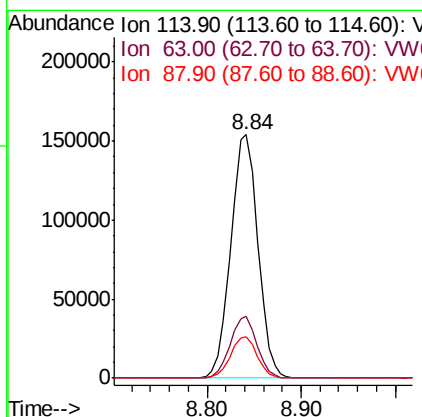
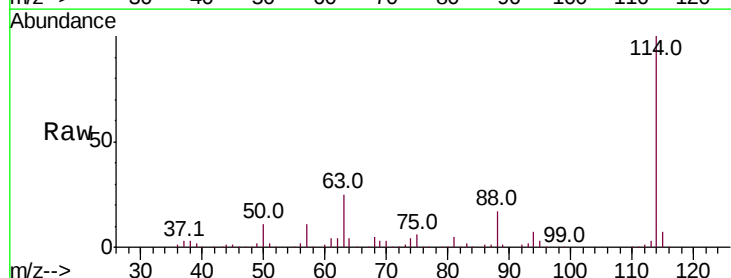
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-A

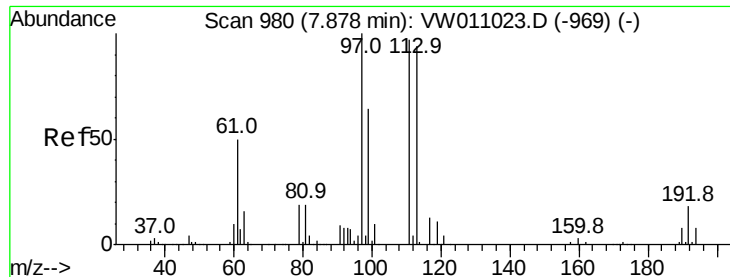
Tot Ion: 65 Resp: 123628
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011039.D
 Acq: 28 Jun 2019 02:15

Tgt Ion: 114 Resp: 308314
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.6
 88 17.0 0.0 34.0

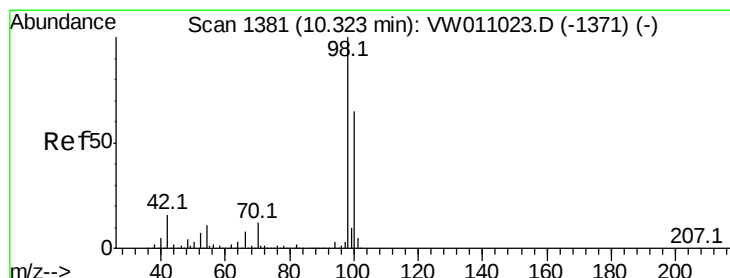
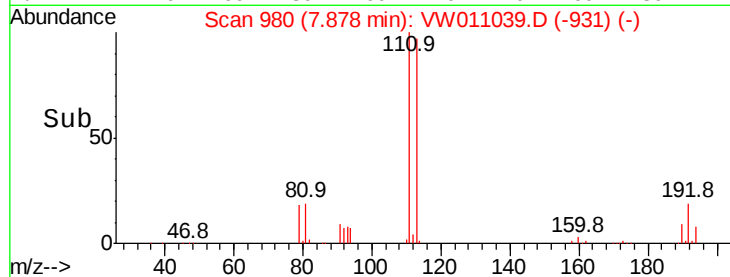
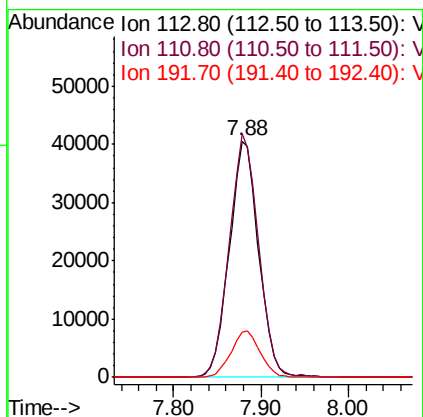
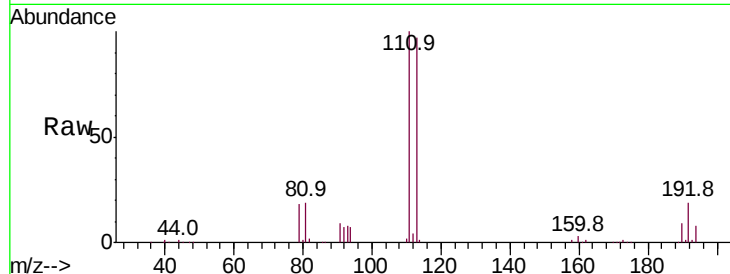




#35
 Dibromofluoromethane
 Concen: 50.057 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011039.D
 Acq: 28 Jun 2019 02:15

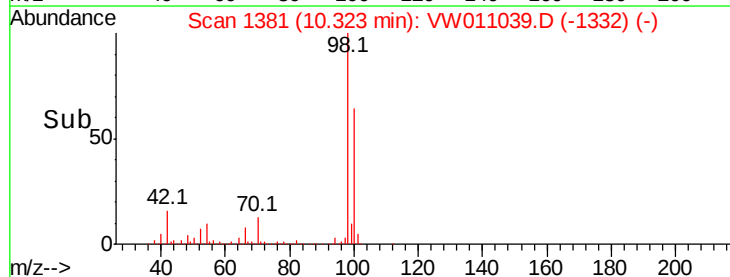
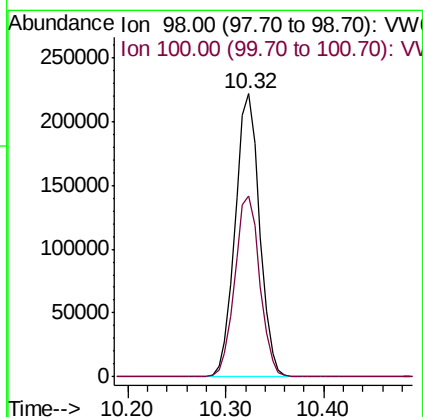
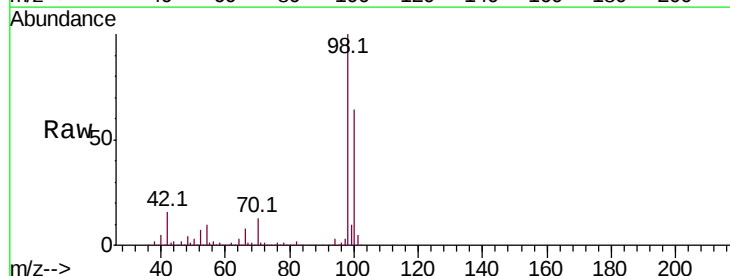
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-A

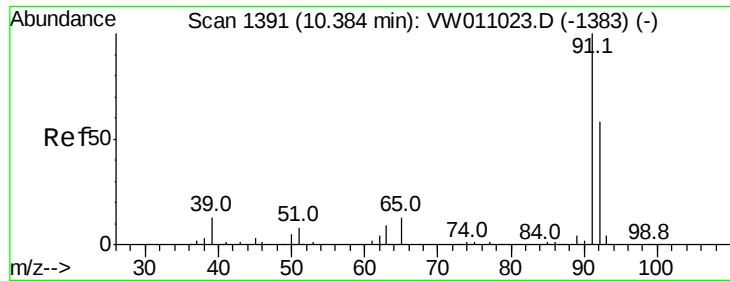
Tot Ion:113 Resp: 94242
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.8 125.6
 192 19.6 16.0 24.0



#50
 Toluene-d8
 Concen: 49.513 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011039.D
 Acq: 28 Jun 2019 02:15

Tgt Ion: 98 Resp: 383708
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.3 78.5





#52

Toluene

Concen: 1.104 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011039.D

Acq: 28 Jun 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

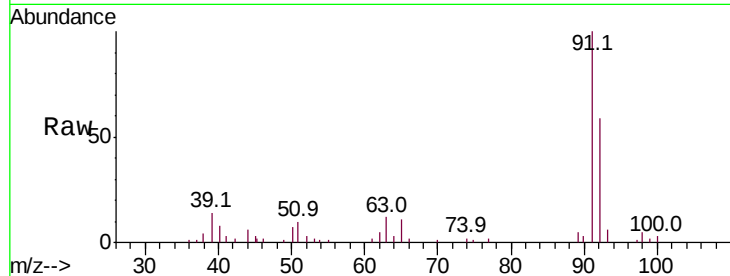
CL-02-062619-A

Tot Ion: 92 Resp: 6161

Ion Ratio Lower Upper

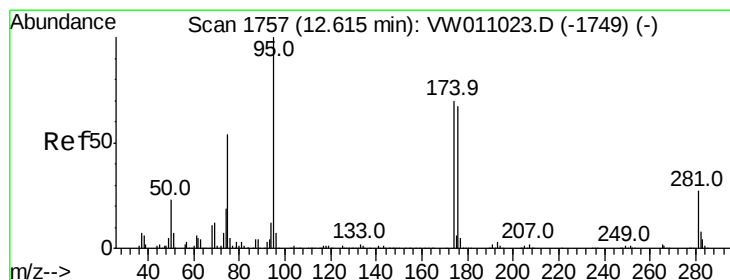
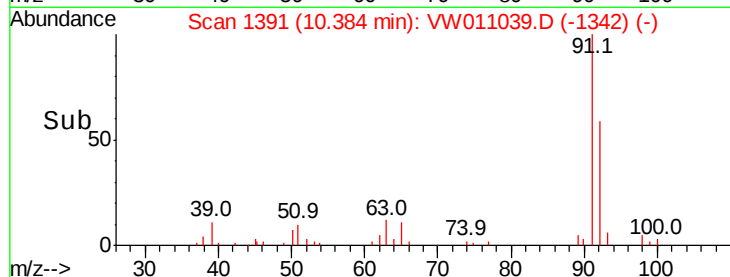
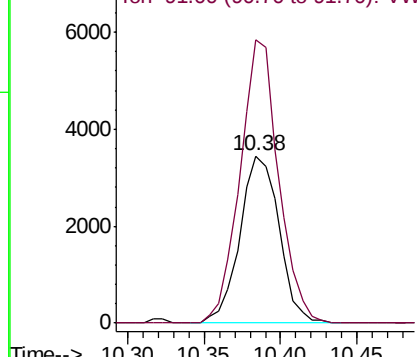
92 100

91 165.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 44.158 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011039.D

Acq: 28 Jun 2019 02:15

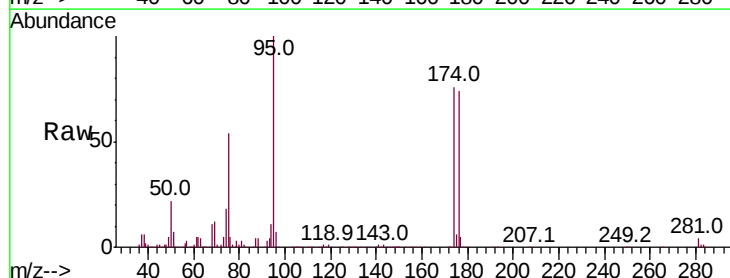
Tgt Ion: 95 Resp: 125162

Ion Ratio Lower Upper

95 100

174 74.8 0.0 149.2

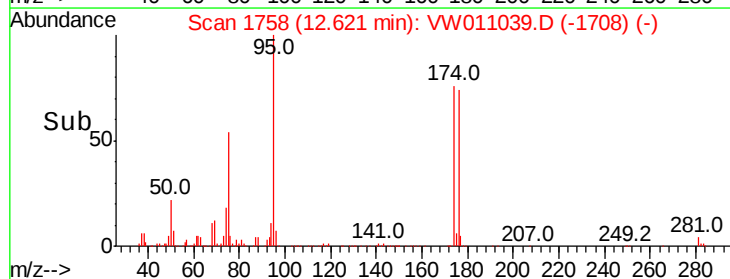
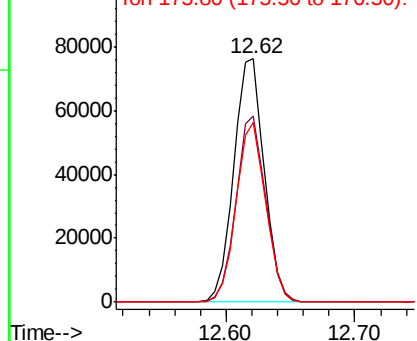
176 71.7 0.0 143.6

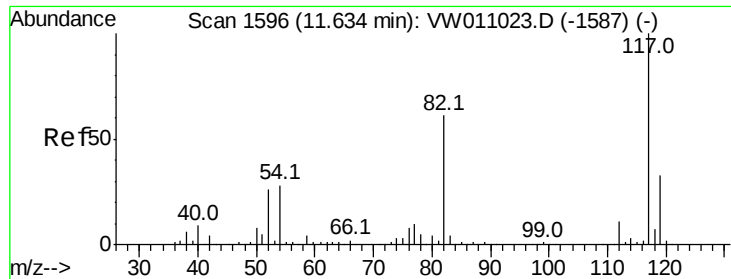


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

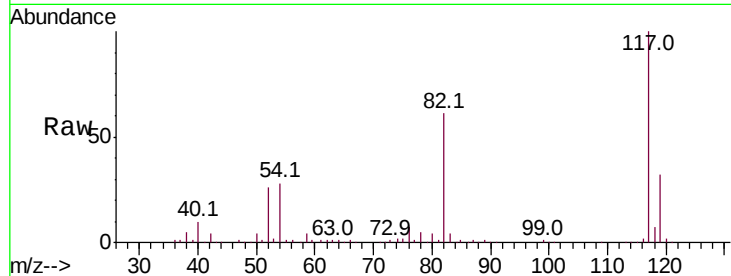




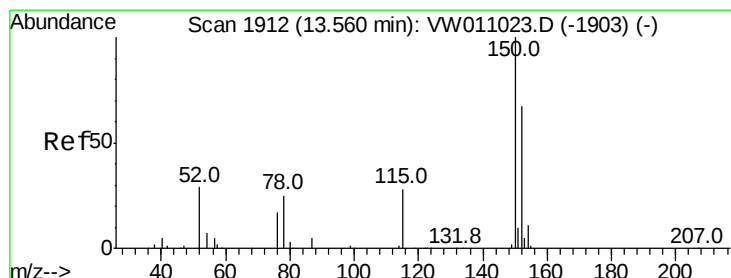
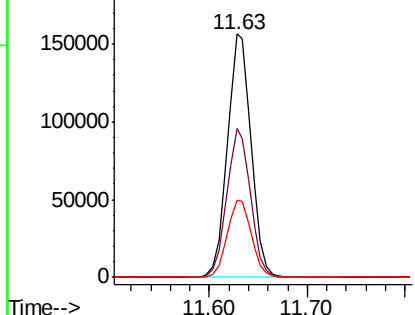
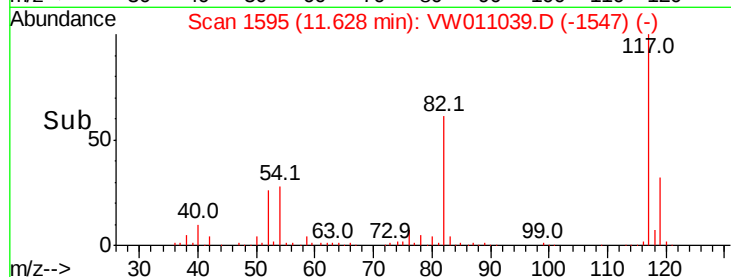
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011039.D
Acq: 28 Jun 2019 02:15

Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-A

Tot Ion:117 Resp: 261426
Ion Ratio Lower Upper
117 100
82 60.9 48.6 73.0
119 31.6 26.1 39.1

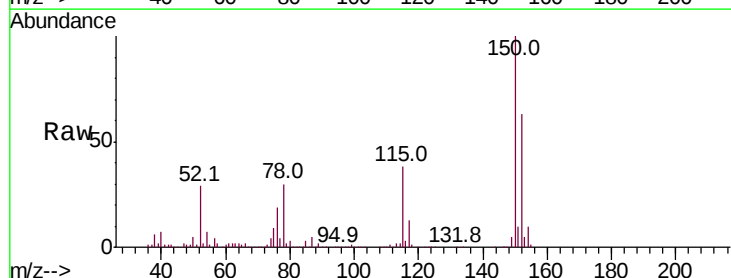


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

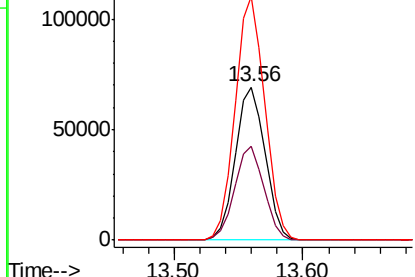
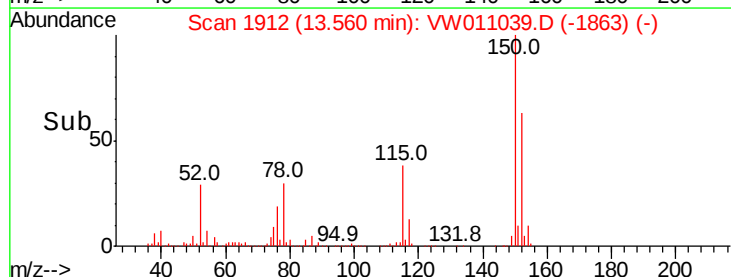


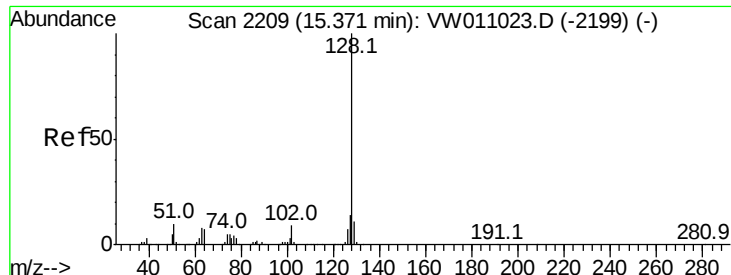
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011039.D
Acq: 28 Jun 2019 02:15

Tgt Ion:152 Resp: 110705
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 158.5 0.0 341.8



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: 5.421 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011039.D

Acq: 28 Jun 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-A

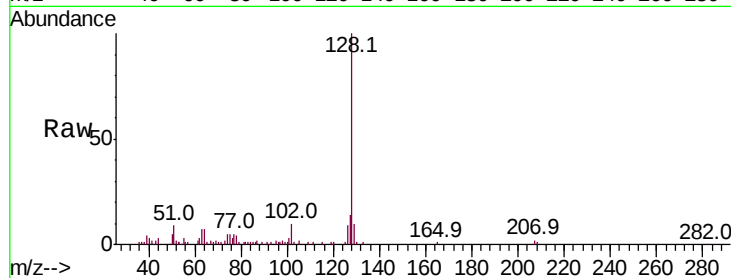
Tot Ion:128 Resp: 23203

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

129 12.3 8.8 13.2



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

