

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008411.D
 Acq On : 25 Jan 2019 15:13
 Operator : SY/VA
 Sample : K1223-10RE
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-VRE

Quant Time: Jan 28 03:36:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

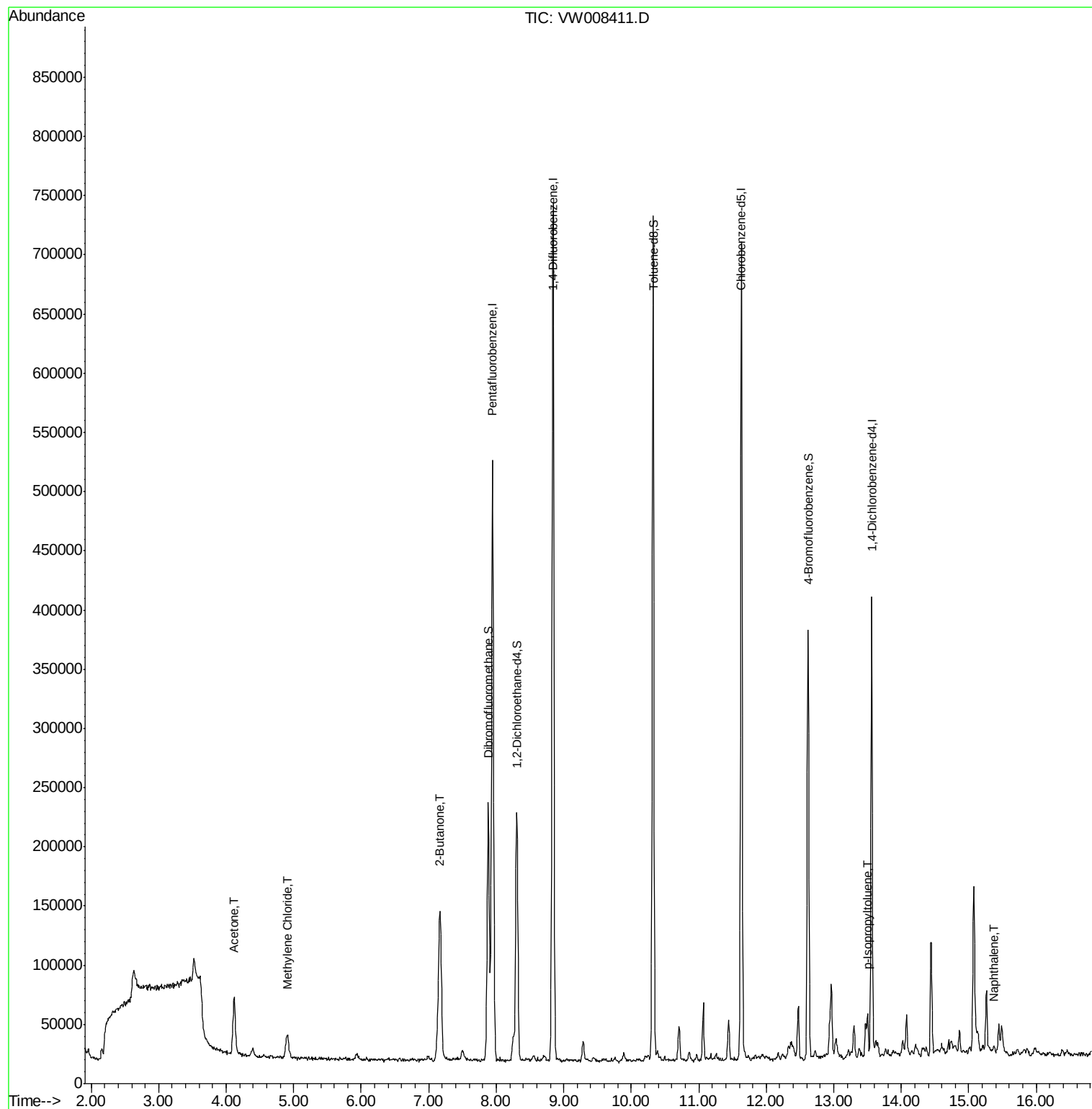
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	400045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	626427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161566	41.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.22%	
35) Dibromofluoromethane	7.88	113	152292	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
50) Toluene-d8	10.32	98	459596	31.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.58%	
62) 4-Bromofluorobenzene	12.62	95	105919	18.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.52%	
Target Compounds						
16) Acetone	4.12	43	81863	92.757	ug/l	97
20) Methylene Chloride	4.90	84	16450	4.044	ug/l #	87
25) 2-Butanone	7.17	43	185334	151.188	ug/l	96
86) p-Isopropyltoluene	13.50	119	18680	2.736	ug/l	86
95) Naphthalene	15.37	128	5933	1.654	ug/l #	94

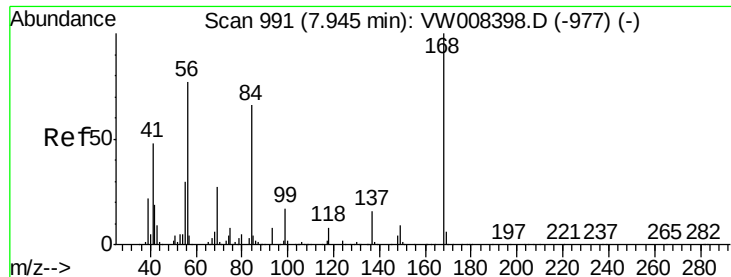
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012519\
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Quant Title : SW846 8260
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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: VW008411.D

Acq: 25 Jan 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

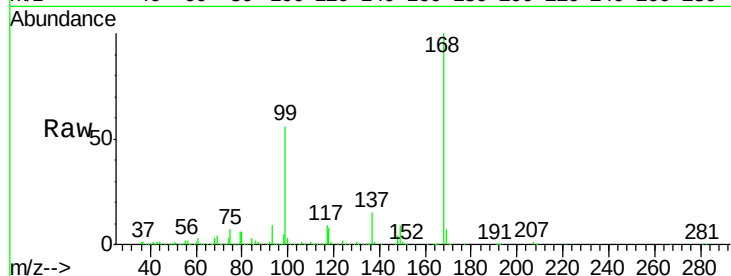
TS-VRE

Tot Ion:168 Resp: 400045

Ion Ratio Lower Upper

168 100

99 55.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

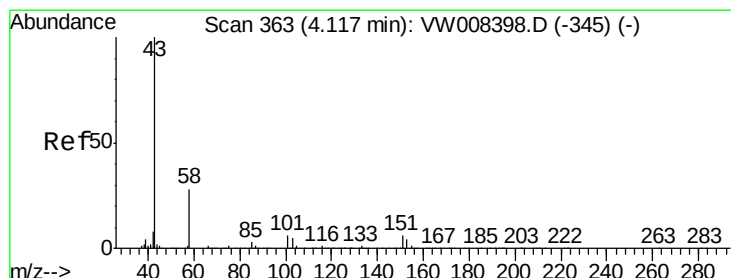
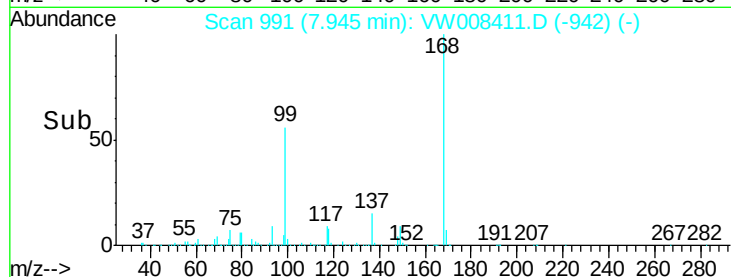
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 92.757 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008411.D

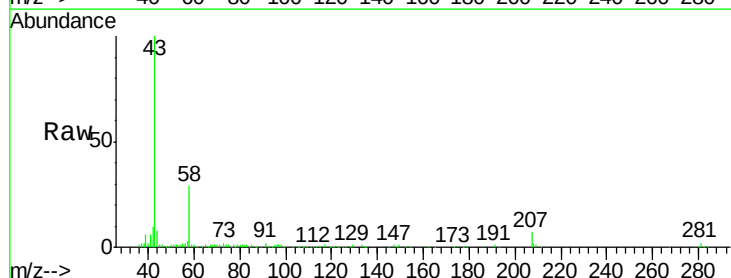
Acq: 25 Jan 2019 15:13

Tgt Ion: 43 Resp: 81863

Ion Ratio Lower Upper

43 100

58 29.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

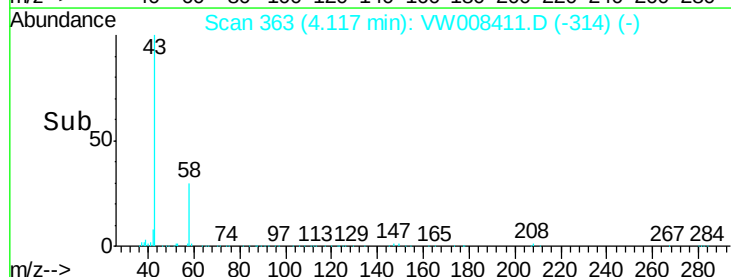
30000

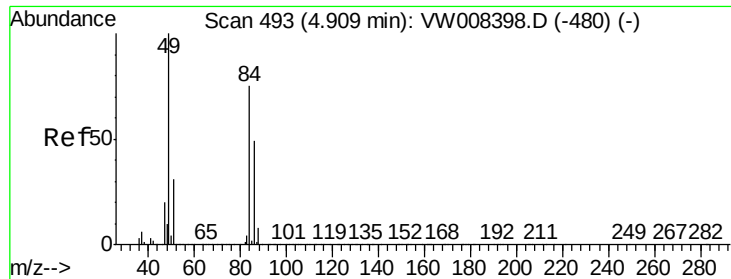
20000

10000

0

Time--> 4.00 4.10 4.20

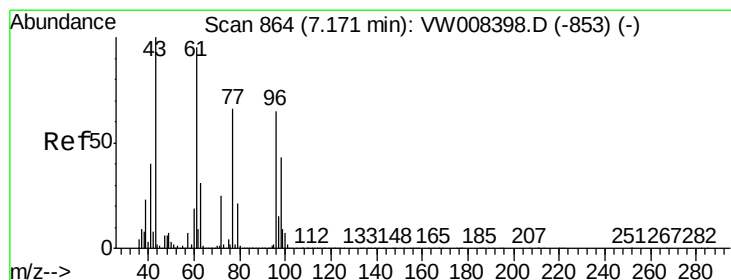
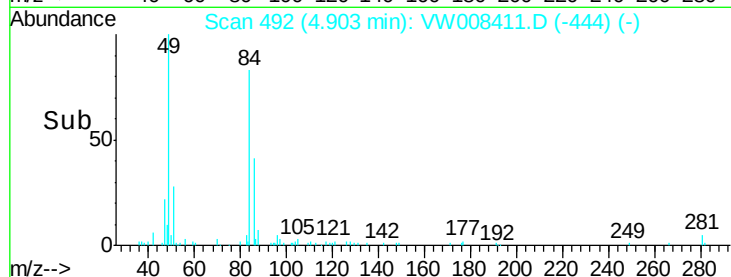
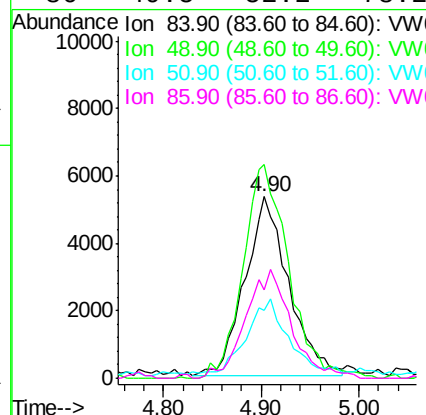
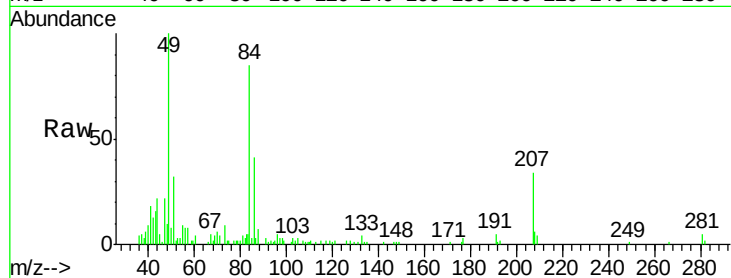




#20
Methylene Chloride
Concen: 4.044 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008411.D
Acq: 25 Jan 2019 15:13

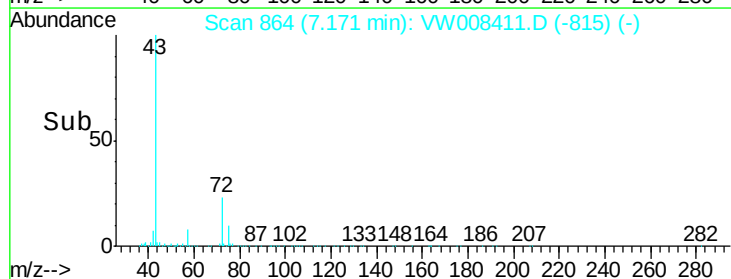
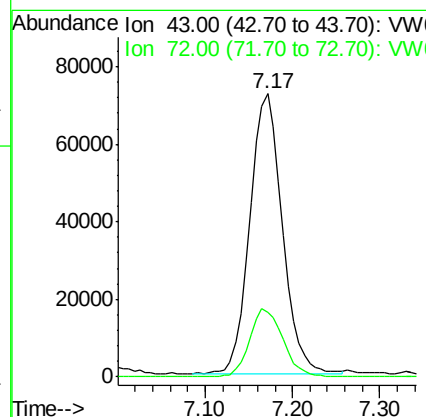
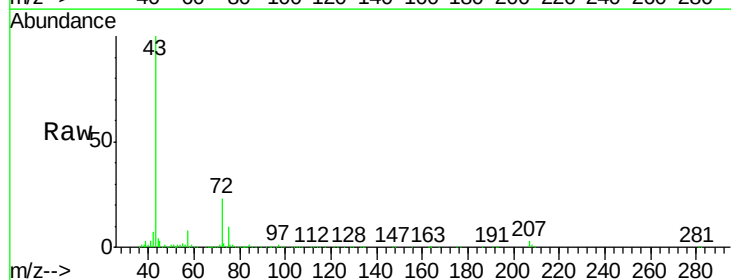
Instrument :
MSVOA_W
ClientSampleId :
TS-VRE

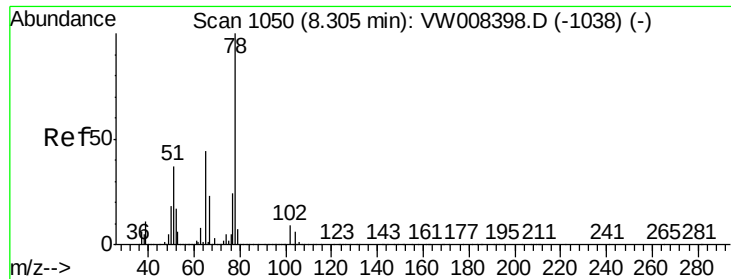
Tot Ion:	84	Resp:	16450
Ion	Ratio	Lower	Upper
84	100		
49	119.6	106.8	160.2
51	35.7	32.9	49.3
86	49.5	52.2	78.2#



#25
2-Butanone
Concen: 151.188 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008411.D
Acq: 25 Jan 2019 15:13

Tgt Ion:	43	Resp:	185334
Ion	Ratio	Lower	Upper
43	100		
72	23.1	20.1	30.1

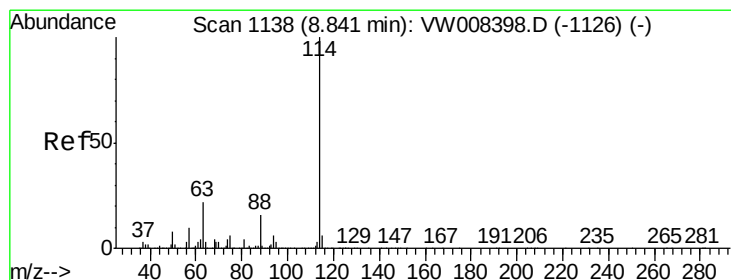
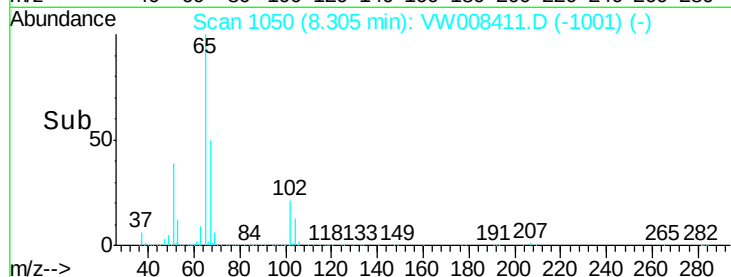
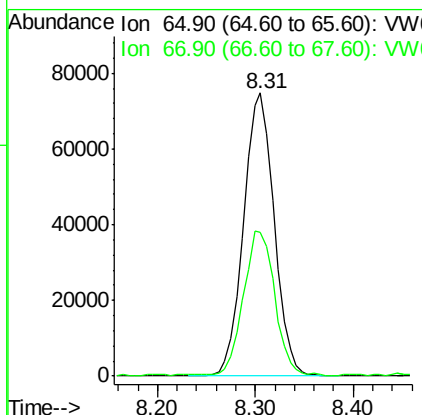
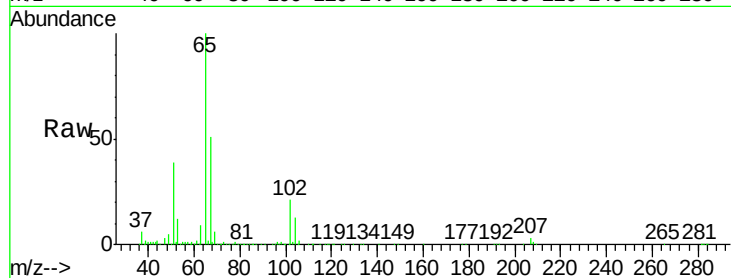




#33
 1,2-Dichloroethane-d4
 Concen: 41.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008411.D
 Acq: 25 Jan 2019 15:13

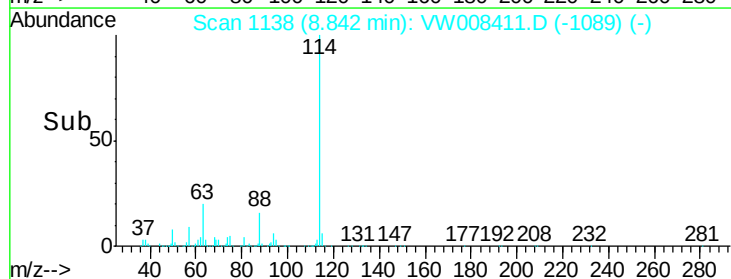
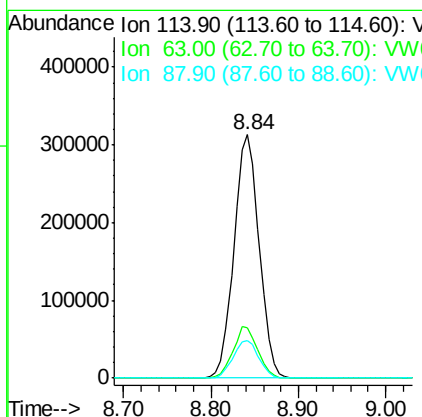
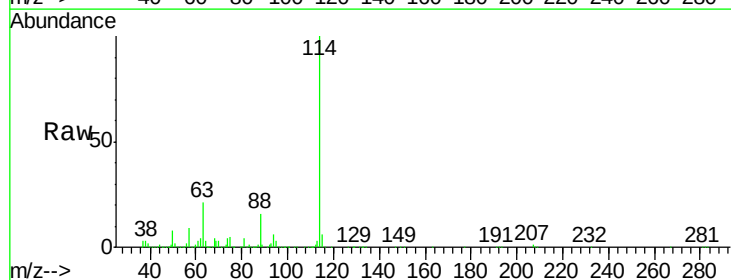
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-VRE

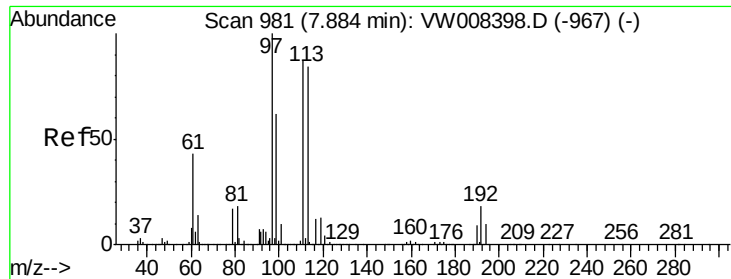
Tot Ion: 65 Resp: 161566
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008411.D
 Acq: 25 Jan 2019 15:13

Tgt Ion: 114 Resp: 626427
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.6
 88 15.6 0.0 31.8

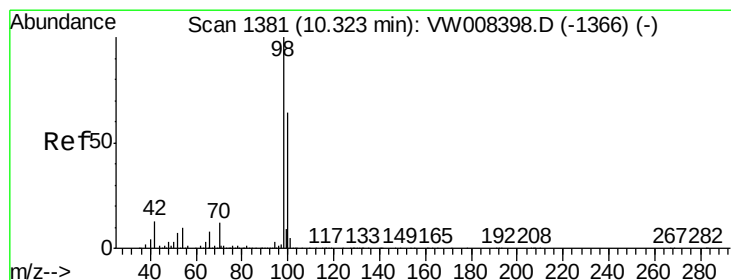
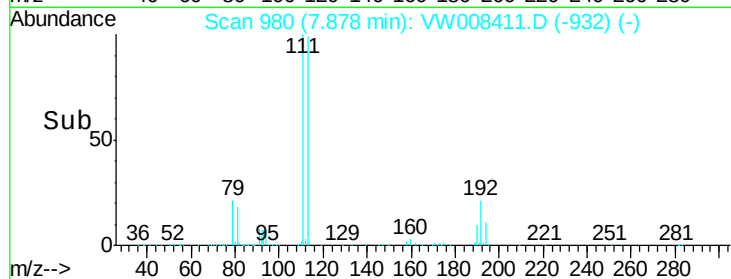
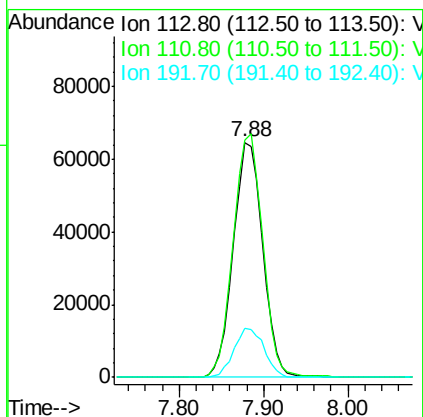
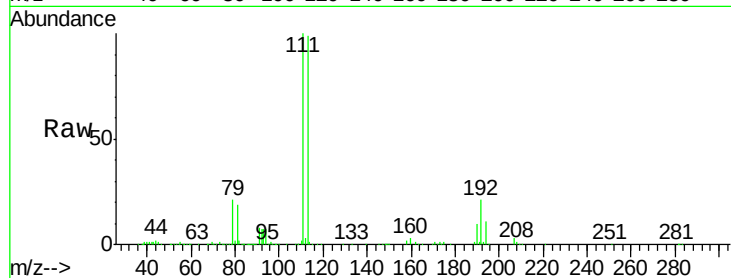




#35
Dibromofluoromethane
Concen: 41.577 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008411.D
Acq: 25 Jan 2019 15:13

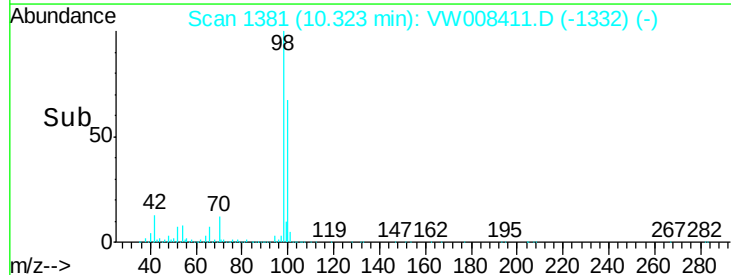
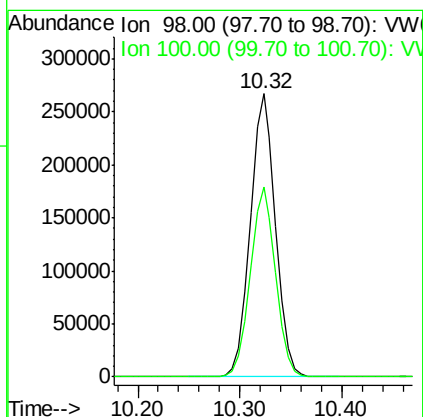
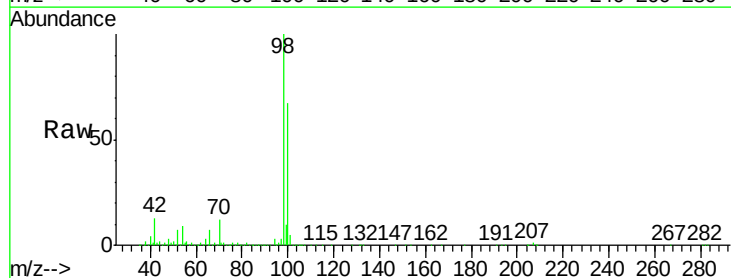
Instrument :
MSVOA_W
ClientSampleId :
TS-VRE

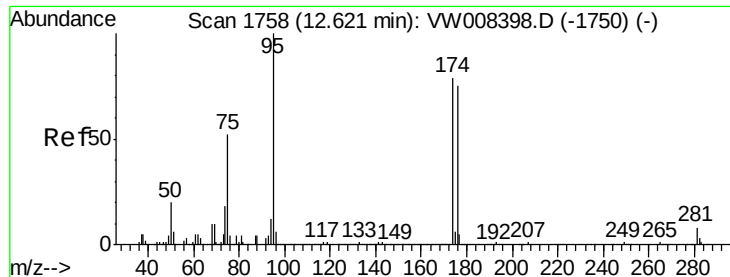
Tot Ion:113 Resp: 152292
Ion Ratio Lower Upper
113 100
111 104.0 81.0 121.4
192 21.6 16.8 25.2



#50
Toluene-d8
Concen: 31.290 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008411.D
Acq: 25 Jan 2019 15:13

Tgt Ion: 98 Resp: 459596
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 18.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008411.D

Acq: 25 Jan 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

TS-VRE

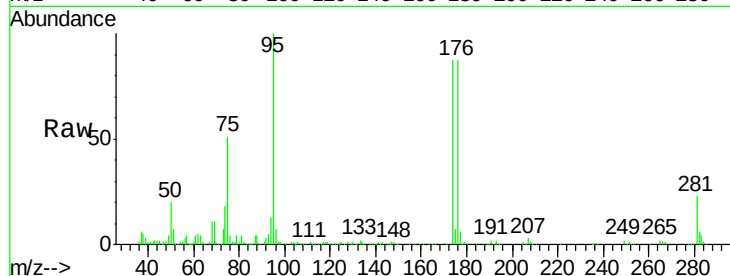
Tot Ion: 95 Resp: 105919

Ion Ratio Lower Upper

95 100

174 82.3 0.0 157.6

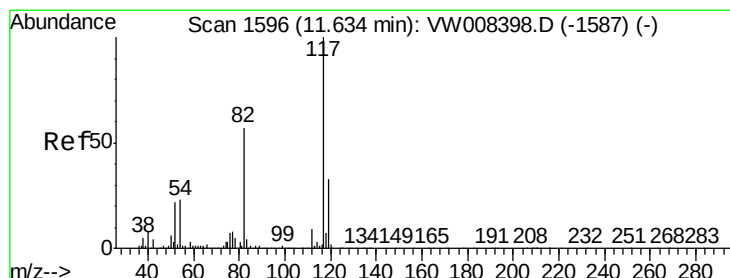
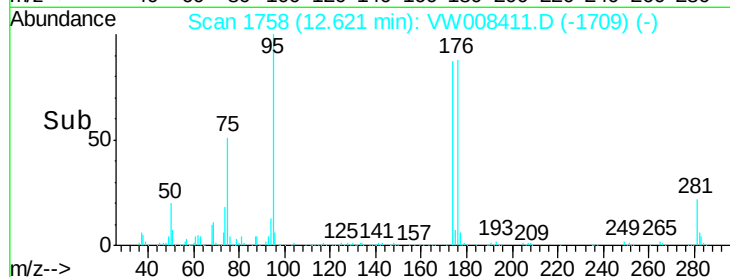
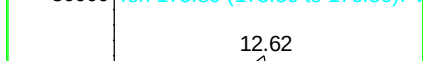
176 79.4 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008411.D

Acq: 25 Jan 2019 15:13

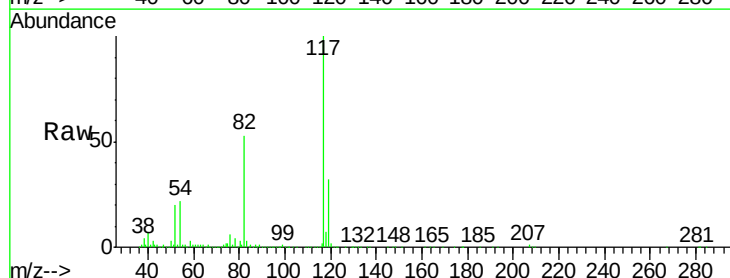
Tgt Ion: 117 Resp: 399531

Ion Ratio Lower Upper

117 100

82 52.5 45.4 68.0

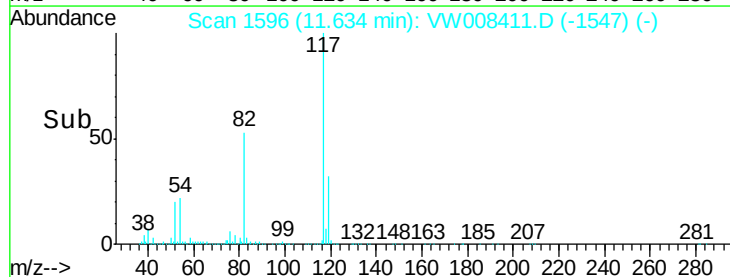
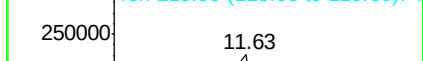
119 32.1 26.2 39.4

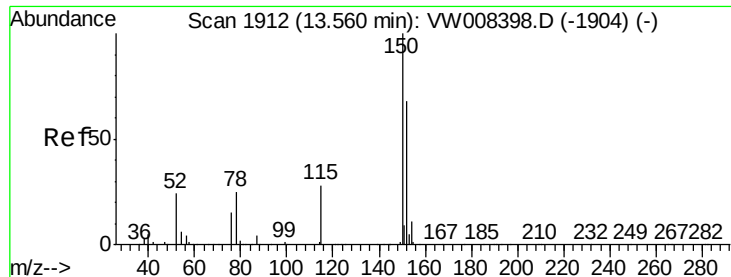


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



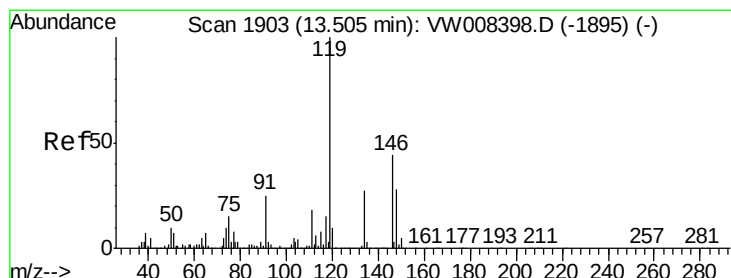
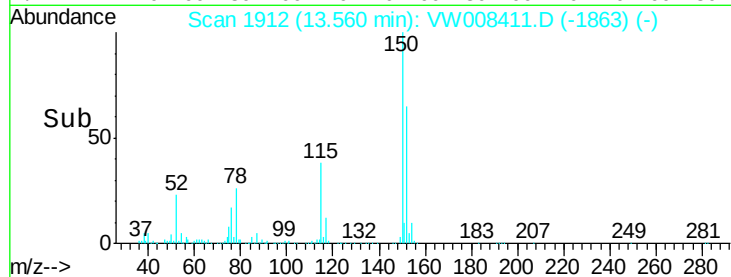
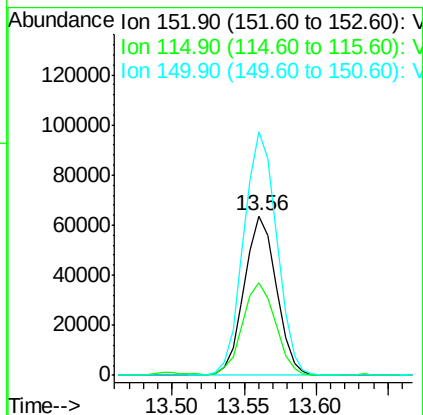
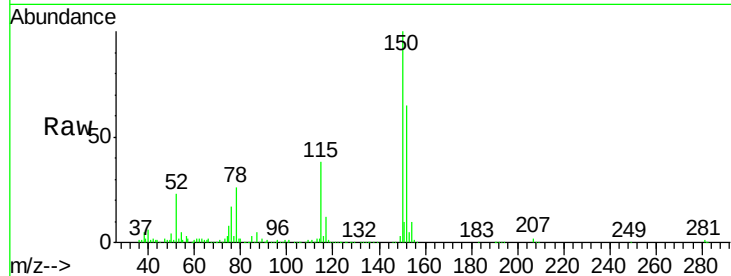


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008411.D
Acq: 25 Jan 2019 15:13

Instrument :
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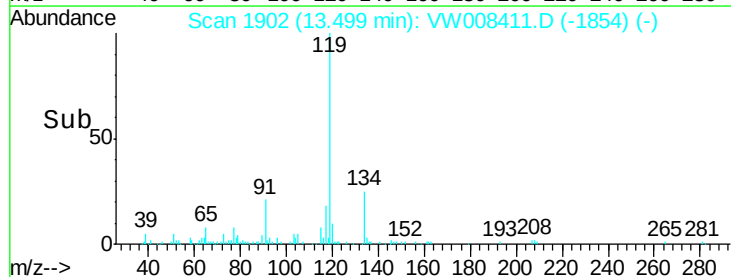
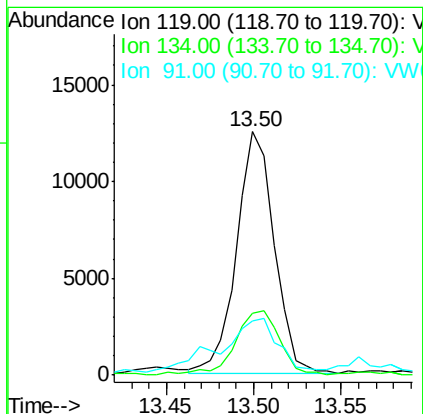
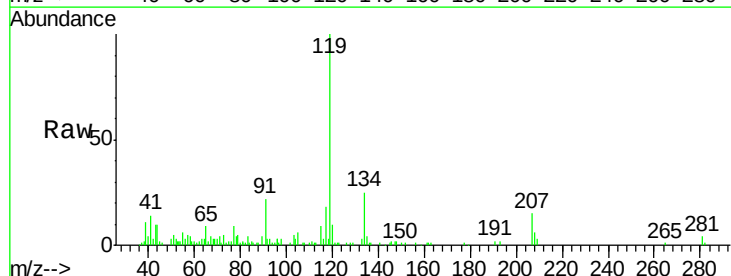
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.9	89.7
150	158.0	0.0	351.4

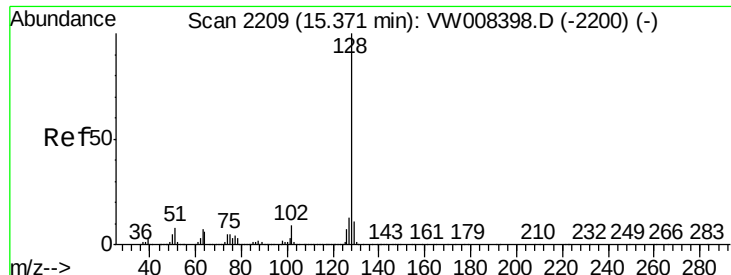


#86

p-Isopropyltoluene
Concen: 2.736 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW008411.D
Acq: 25 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.6	13.4	40.2
91	34.2	12.6	37.6





#95

Naphthalene

Concen: 1.654 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008411.D

Acq: 25 Jan 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

TS-VRE

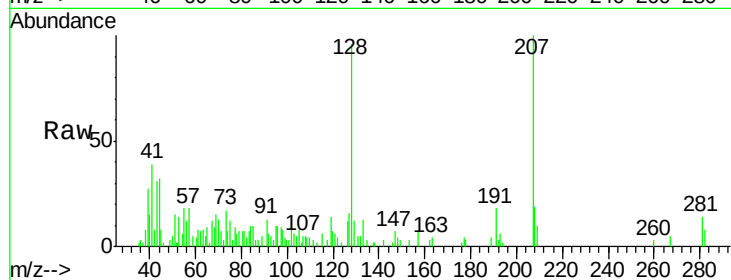
Tot Ion:128 Resp: 5933

Ion Ratio Lower Upper

128 100

127 16.2 10.6 15.8#

129 12.9 8.7 13.1



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

