

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012322.D
 Acq On : 30 Aug 2019 00:40
 Operator : SY/VA
 Sample : K4582-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

Quant Time: Aug 30 09:24:33 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

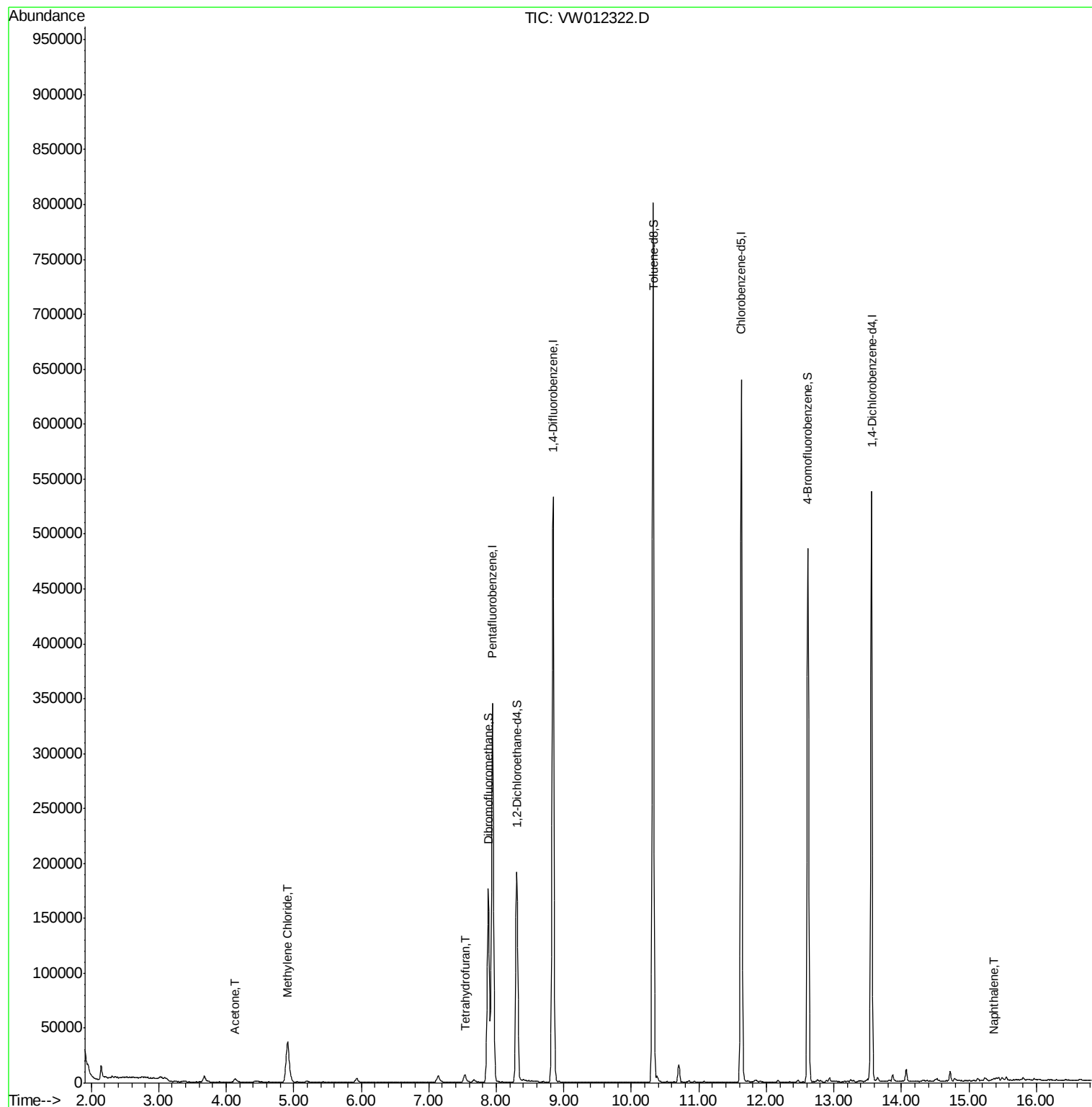
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153748	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.88	113	125627	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.32	98	504083	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.62	95	160568	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
16) Acetone	4.13	43	6675	8.695	ug/l	98
20) Methylene Chloride	4.91	84	27281	9.401	ug/l	98
29) Tetrahydrofuran	7.53	42	5884	9.402	ug/l	97
95) Naphthalene	15.36	128	1766	4.635	ug/l	97

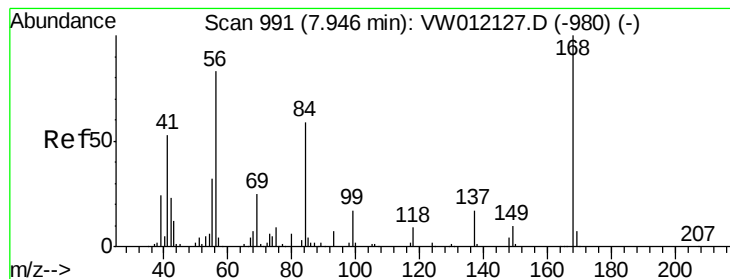
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012322.D

Acq: 30 Aug 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

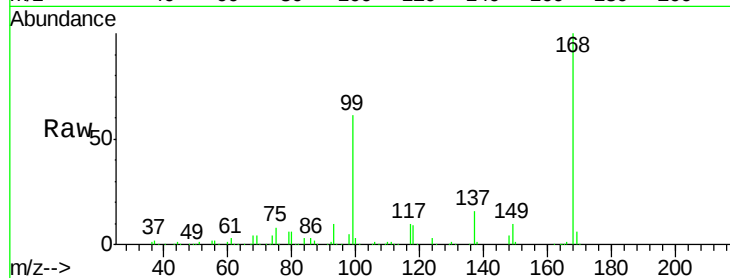
RT-3422

Tot Ion:168 Resp: 252625

Ion Ratio Lower Upper

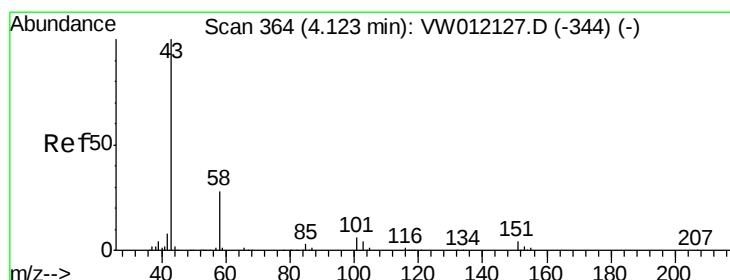
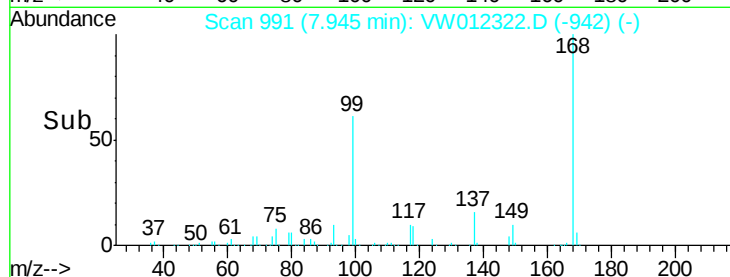
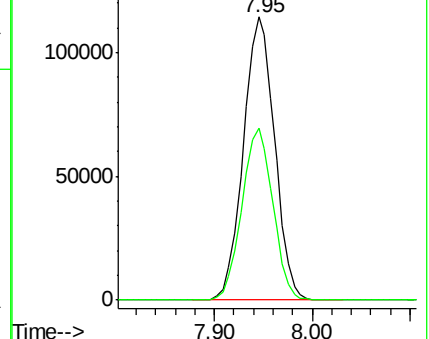
168 100

99 60.6 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: 8.695 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012322.D

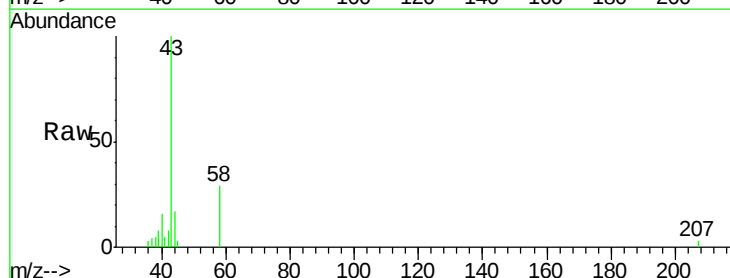
Acq: 30 Aug 2019 00:40

Tgt Ion: 43 Resp: 6675

Ion Ratio Lower Upper

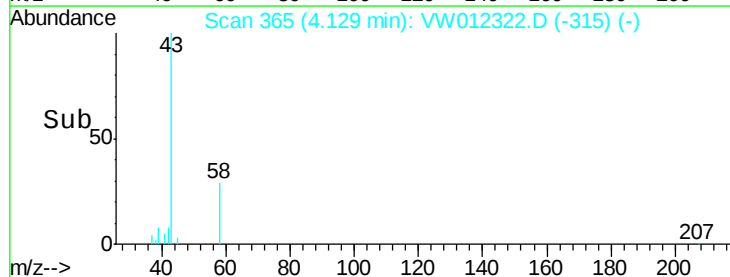
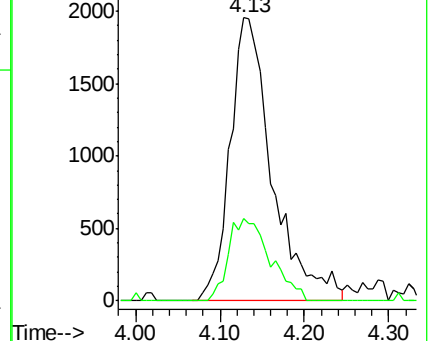
43 100

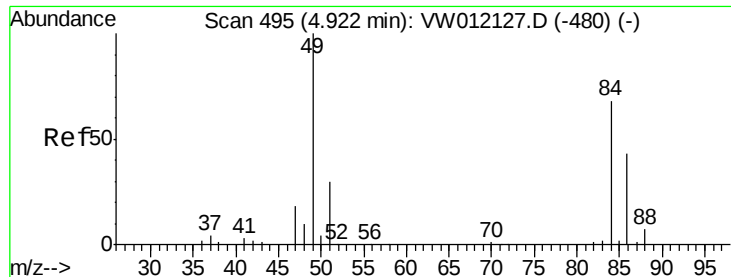
58 29.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

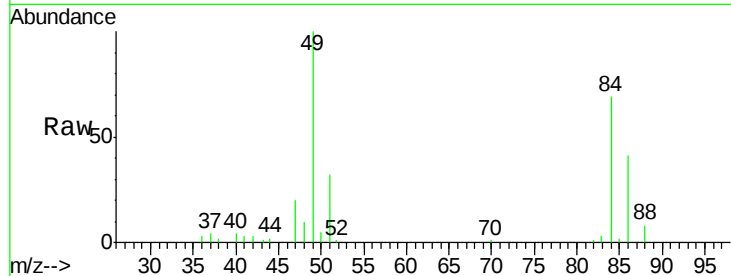




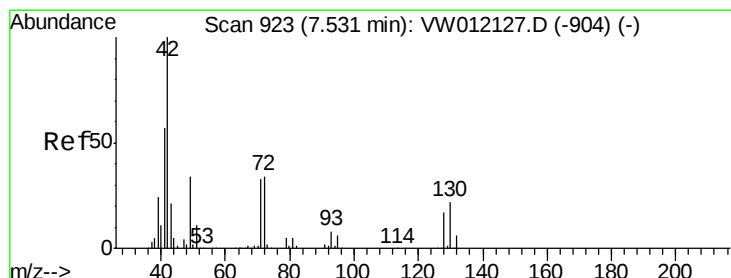
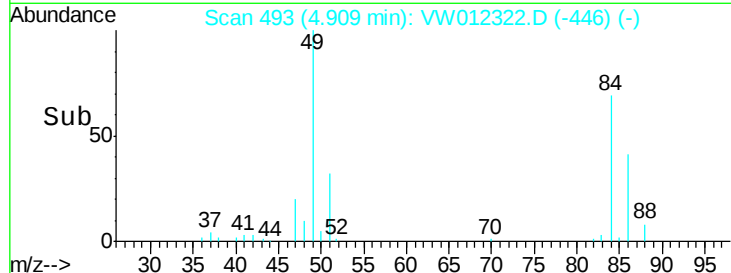
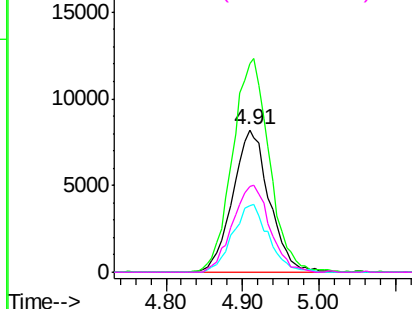
#20
Methvlene Chloride
Concen: 9.401 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012322.D
Acq: 30 Aug 2019 00:40

Instrument :
MSVOA_W
ClientSampleId :
RT-3422

Tot Ion: 84 Resp: 27281
Ion Ratio Lower Upper
84 100
49 145.8 117.8 176.8
51 46.4 35.6 53.4
86 60.1 51.2 76.8

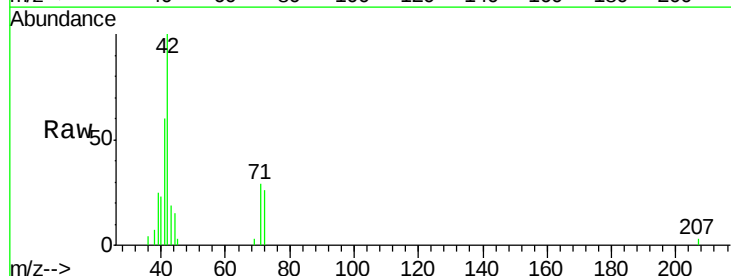


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

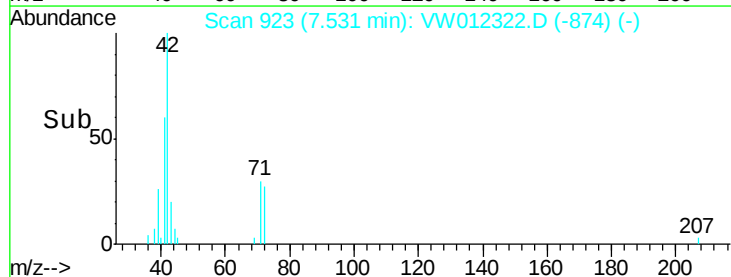
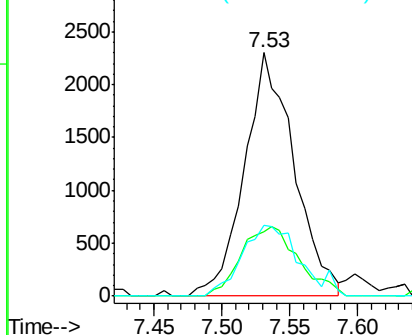


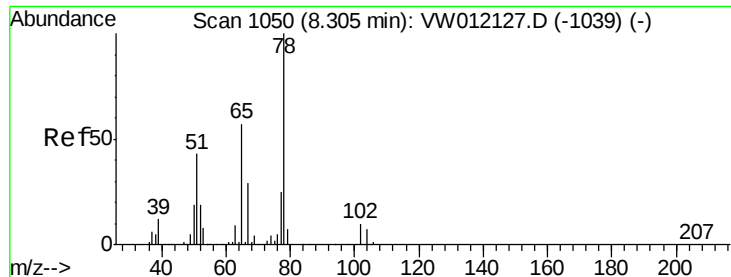
#29
Tetrahydrofuran
Concen: 9.402 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012322.D
Acq: 30 Aug 2019 00:40

Tgt Ion: 42 Resp: 5884
Ion Ratio Lower Upper
42 100
72 33.0 27.3 40.9
71 33.9 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

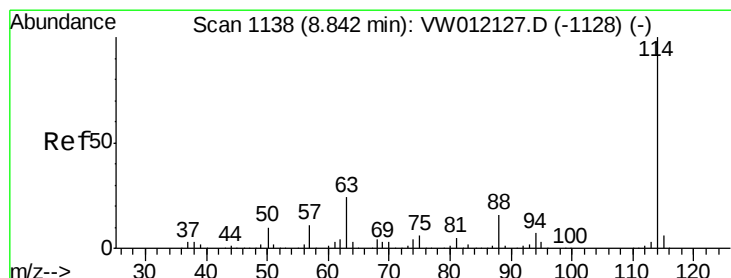
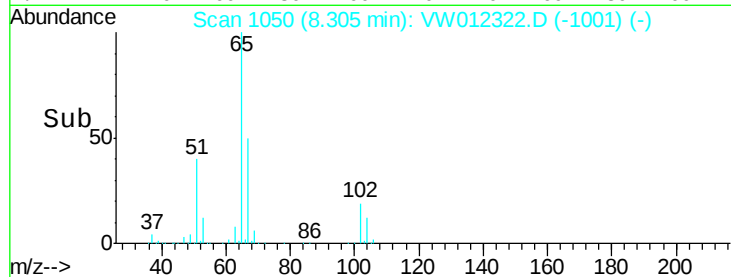
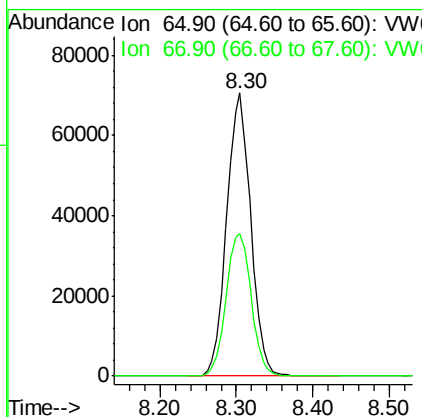
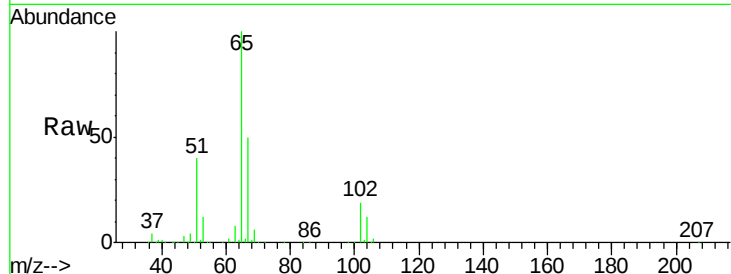




#33
 1,2-Dichloroethane-d4
 Concen: 51.197 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012322.D
 Acq: 30 Aug 2019 00:40

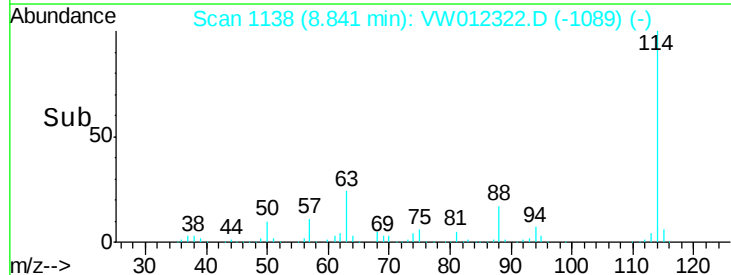
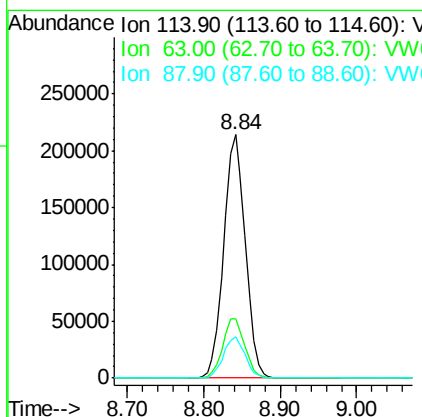
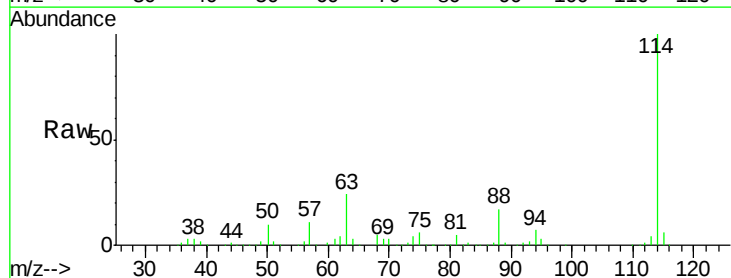
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

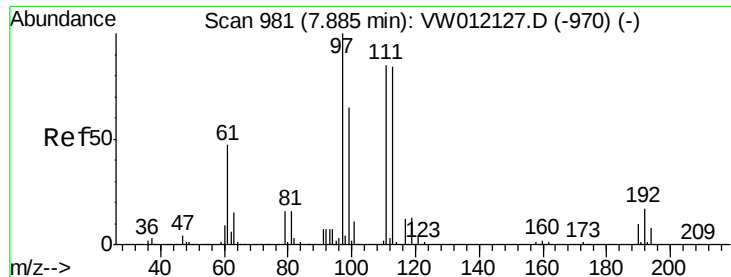
Tot Ion: 65 Resp: 153748
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012322.D
 Acq: 30 Aug 2019 00:40

Tgt Ion: 114 Resp: 416357
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.9 0.0 32.2

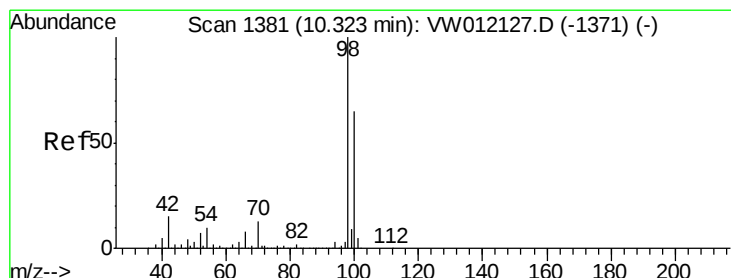
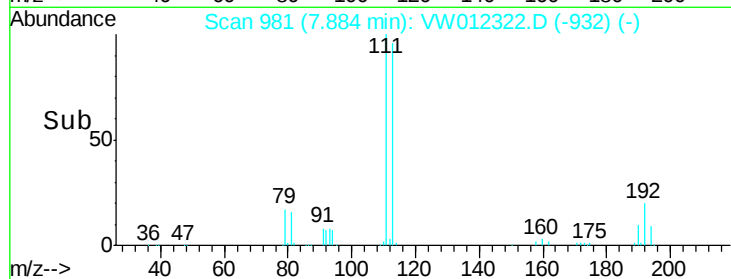
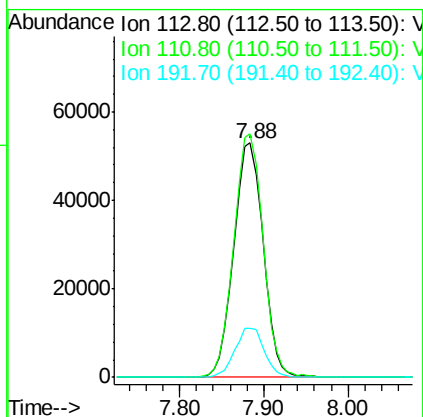
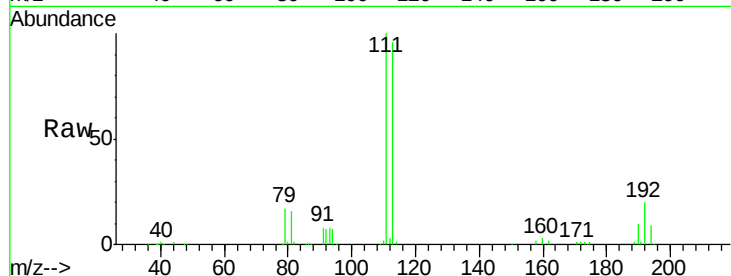




#35
 Dibromofluoromethane
 Concen: 50.549 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012322.D
 Acq: 30 Aug 2019 00:40

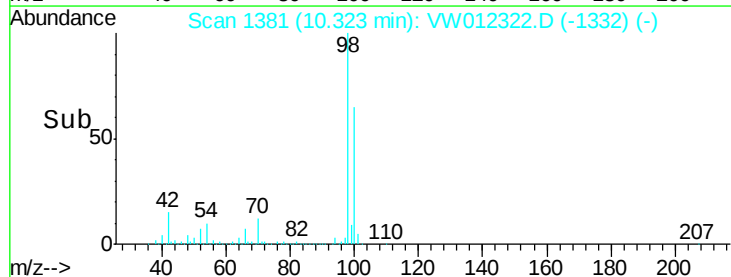
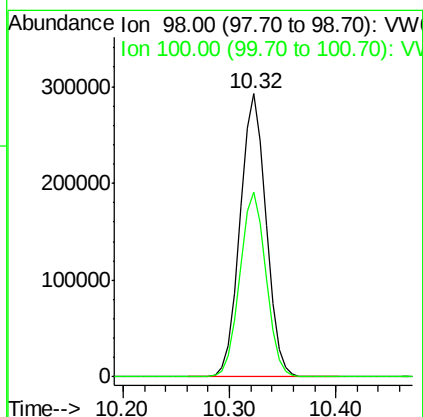
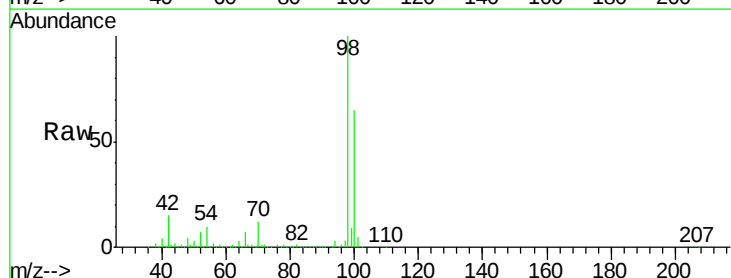
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

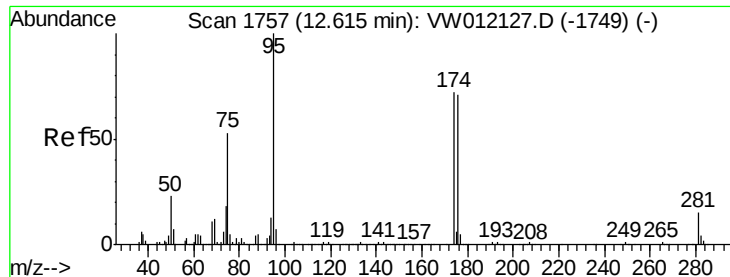
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.8	16.2	24.2



#50
 Toluene-d8
 Concen: 50.023 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012322.D
 Acq: 30 Aug 2019 00:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6

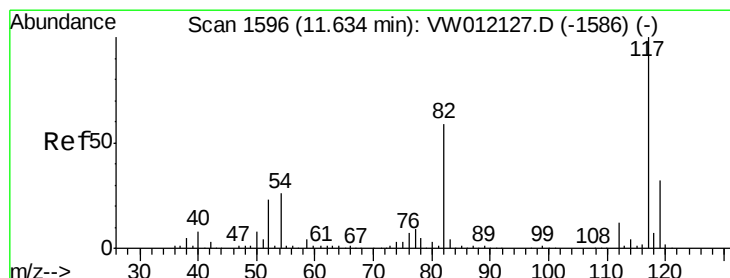
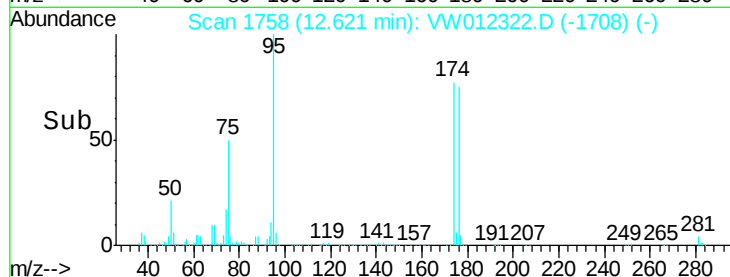
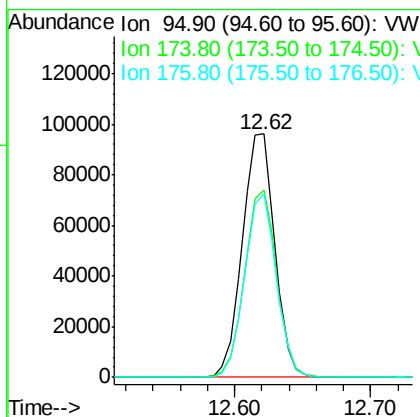
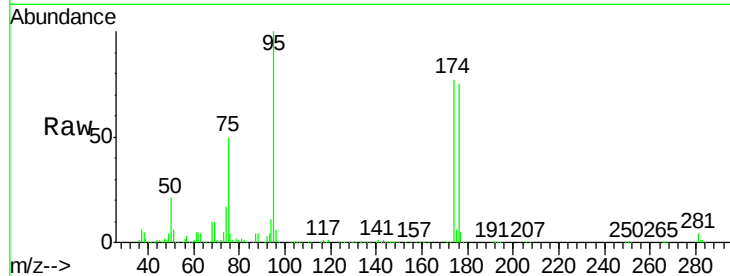




#62
4-Bromofluorobenzene
Concen: 45.203 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012322.D
Acq: 30 Aug 2019 00:40

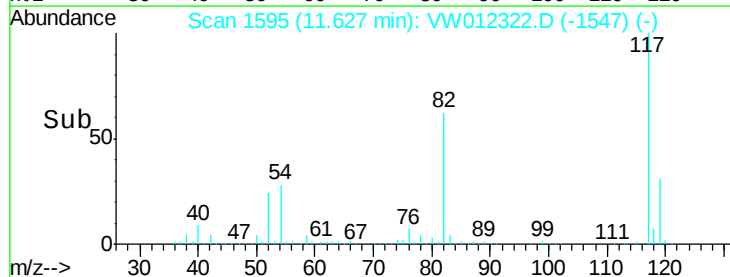
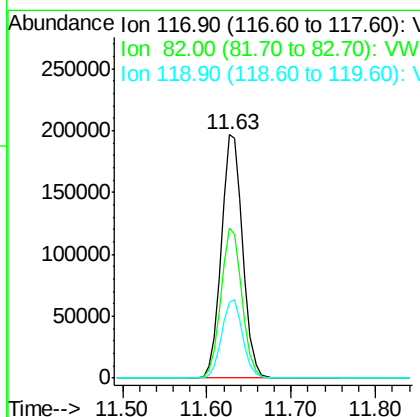
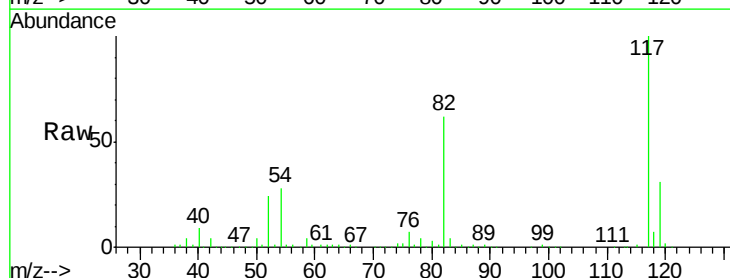
Instrument :
MSVOA_W
ClientSampleId :
RT-3422

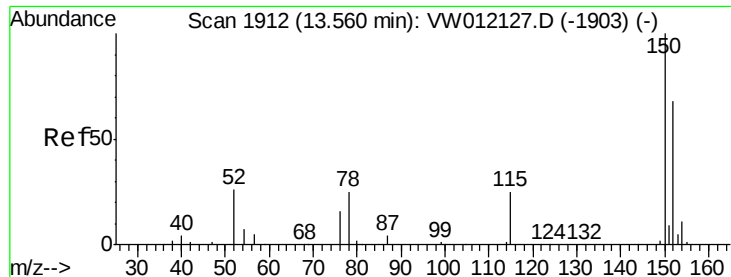
Tot Ion: 95 Resp: 160568
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.8
176 73.6 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012322.D
Acq: 30 Aug 2019 00:40

Tgt Ion: 117 Resp: 342097
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 31.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012322.D

Acq: 30 Aug 2019 00:40

Instrument :

MSVOA_W

ClientSampleId :

RT-3422

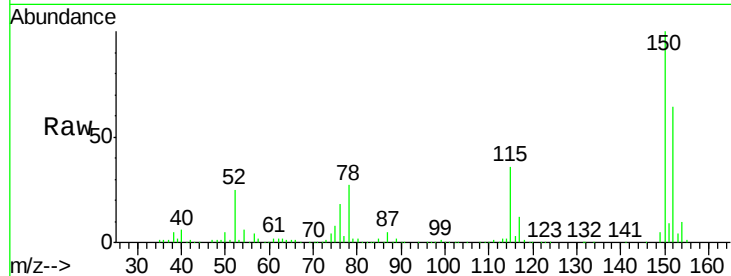
Tot Ion:152 Resp: 136204

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.3

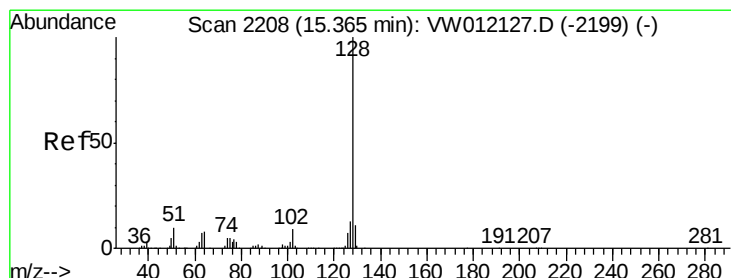
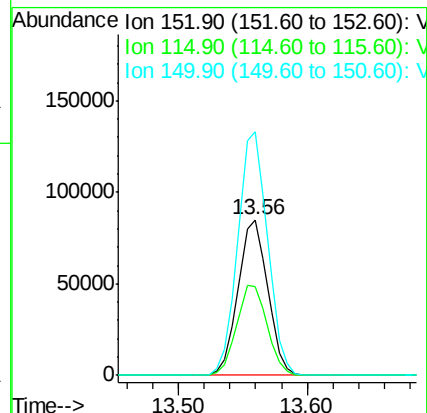
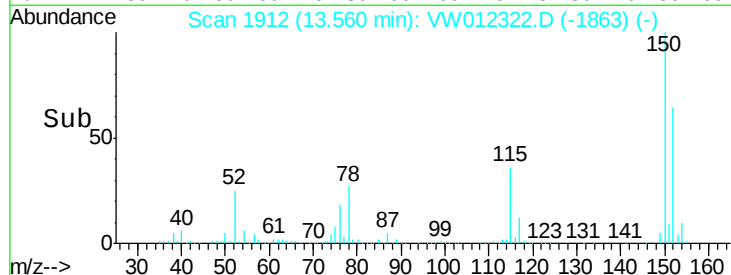
150 157.5 0.0 345.8



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: 4.635 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012322.D

Acq: 30 Aug 2019 00:40

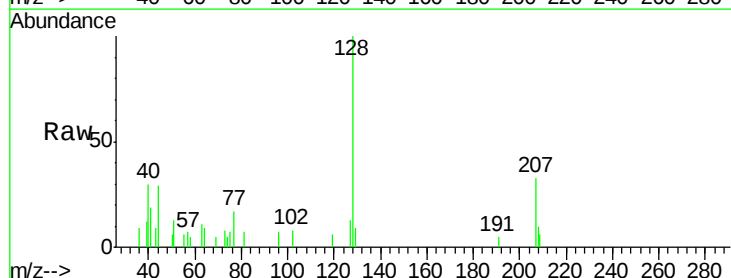
Tgt Ion:128 Resp: 1766

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 8.9 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

