

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012215.D
 Acq On : 27 Aug 2019 16:27
 Operator : SY/VA
 Sample : K4521-11
 Misc : 4.07G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-14

Quant Time: Aug 28 06:35:41 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

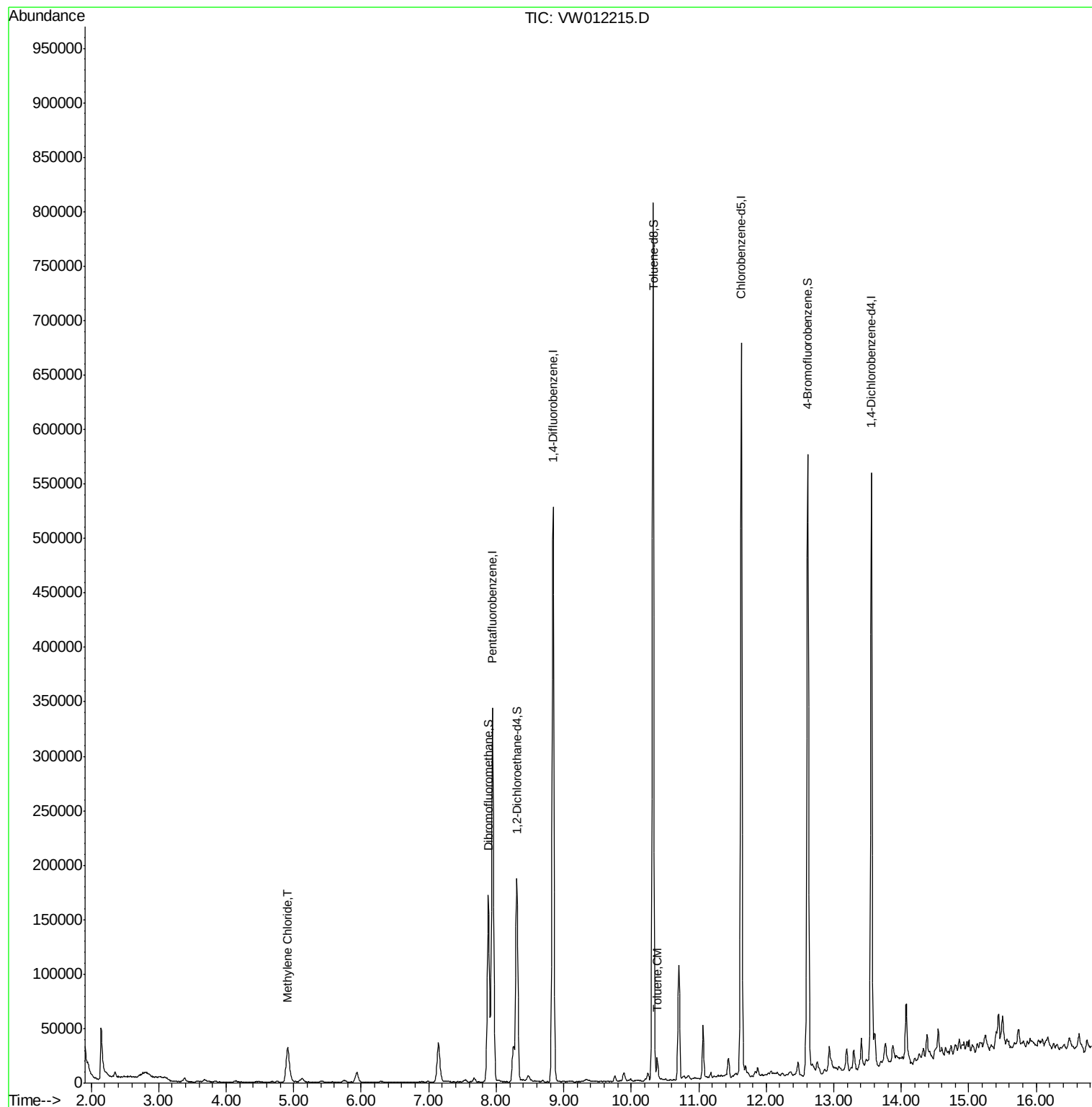
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145824	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.88	113	121939	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.32	98	507374	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	163310	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
Target Compounds						
20) Methylene Chloride	4.91	84	23582	8.229	ug/l	95
52) Toluene	10.39	92	8245	1.167	ug/l	100

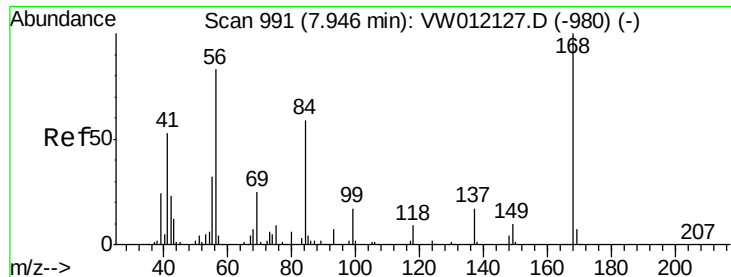
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012215.D

Acq: 27 Aug 2019 16:27

Instrument :

MSVOA_W

ClientSampled :

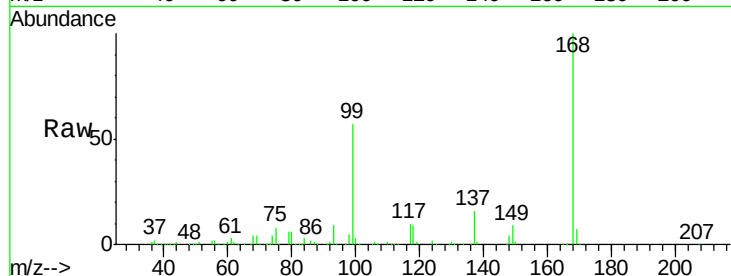
PX-14

Tot Ion:168 Resp: 249475

Ion Ratio Lower Upper

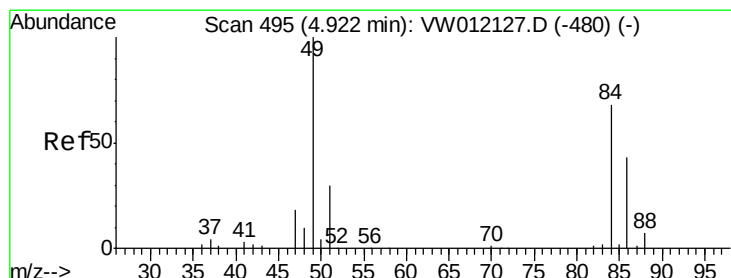
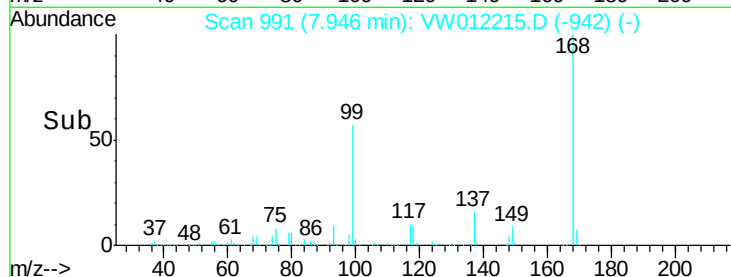
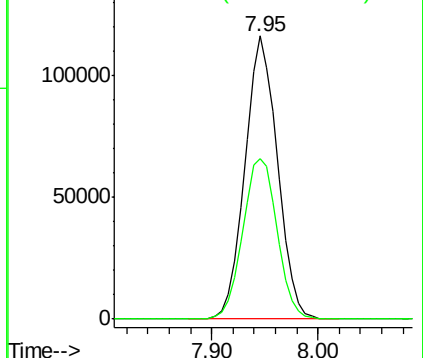
168 100

99 56.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.229 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012215.D

Acq: 27 Aug 2019 16:27

Tgt Ion: 84 Resp: 23582

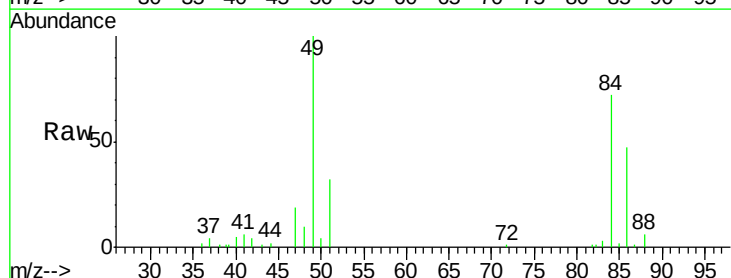
Ion Ratio Lower Upper

84 100

49 138.2 117.8 176.8

51 45.1 35.6 53.4

86 64.9 51.2 76.8

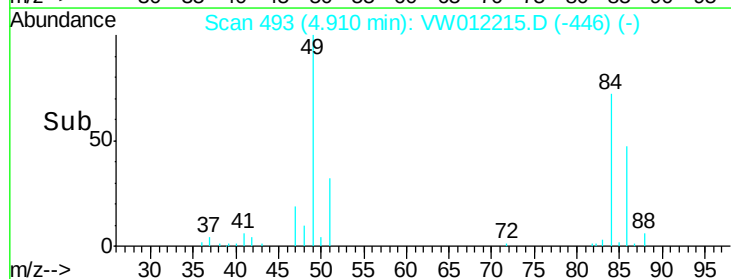
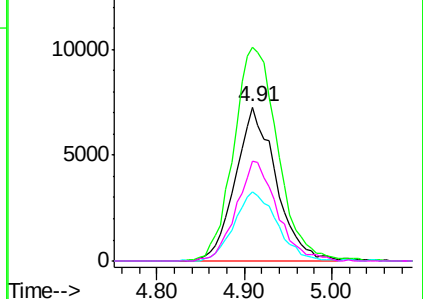


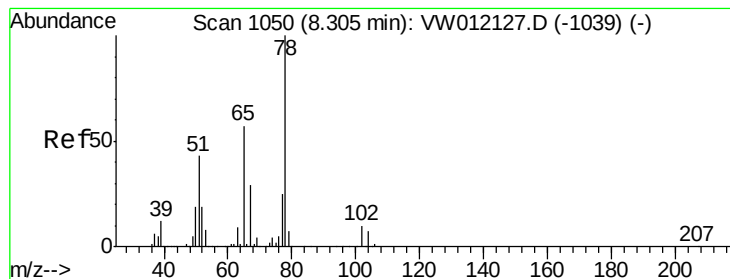
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#33

1,2-Dichloroethane-d4

Concen: 49.171 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012215.D

Acq: 27 Aug 2019 16:27

Instrument :

MSVOA_W

ClientSampled :

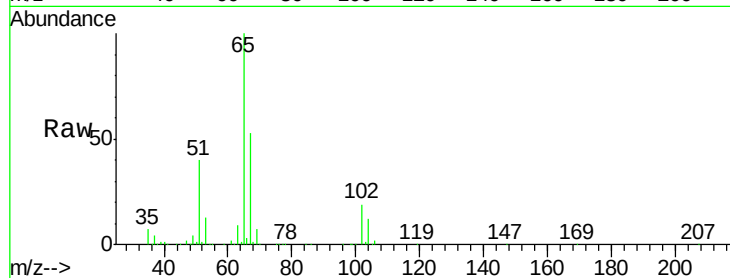
PX-14

Tot Ion: 65 Resp: 145824

Ion Ratio Lower Upper

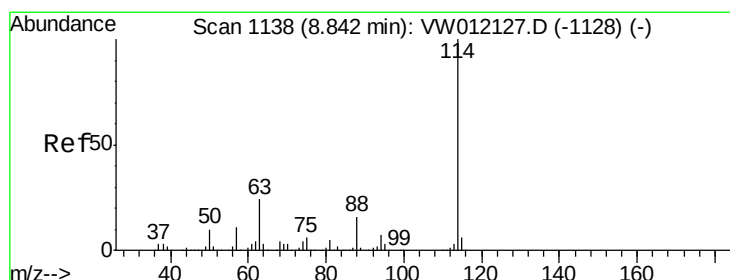
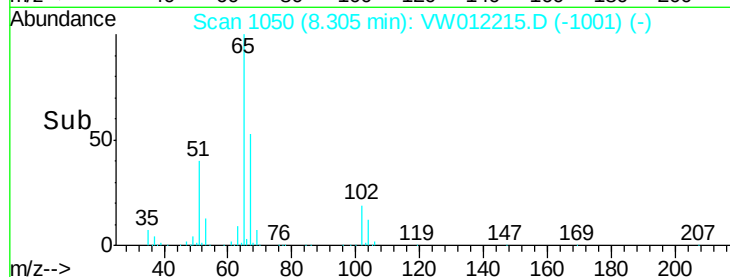
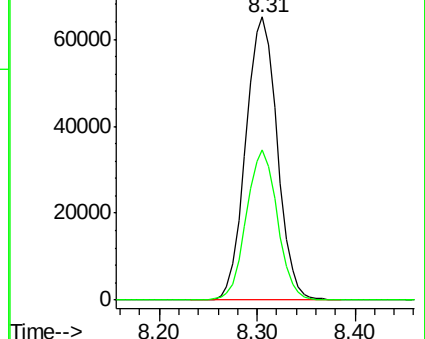
65 100

67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012215.D

Acq: 27 Aug 2019 16:27

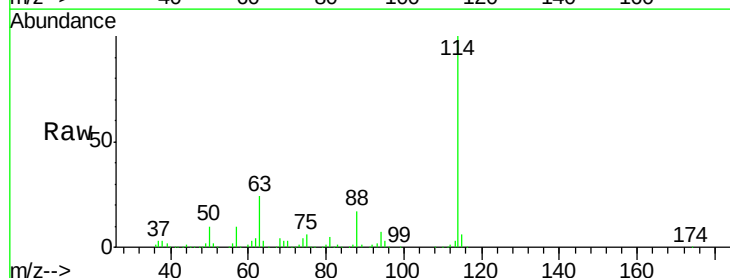
Tgt Ion: 114 Resp: 416924

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.6

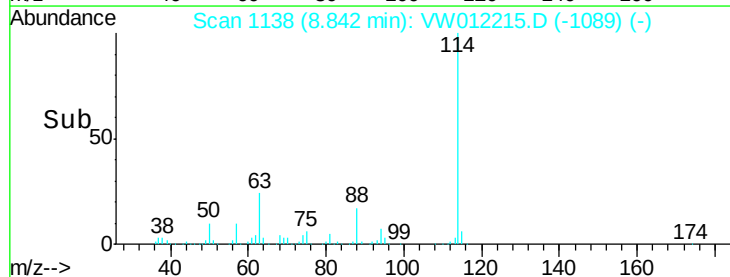
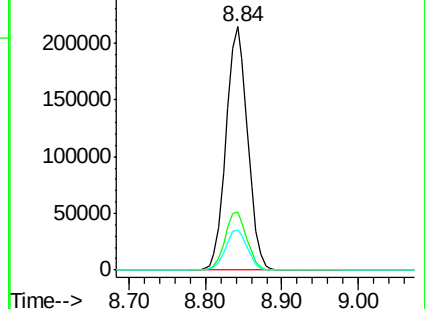
88 16.6 0.0 32.2

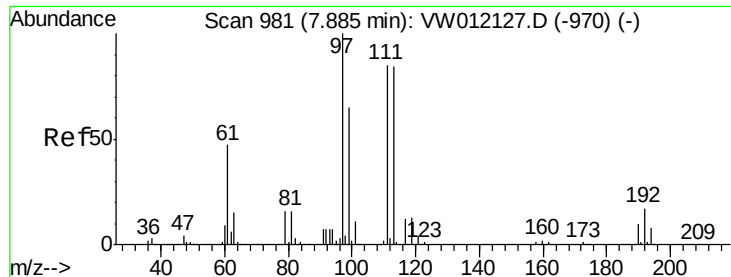


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

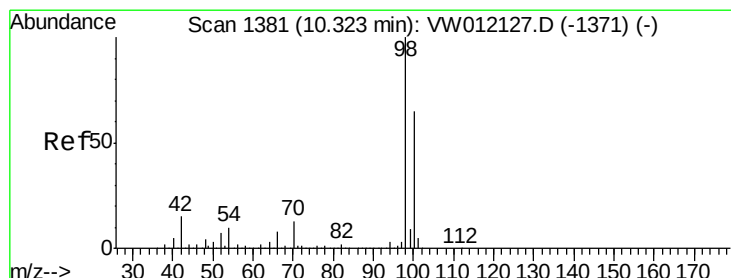
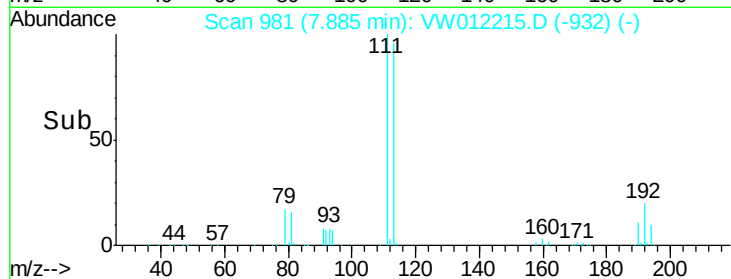
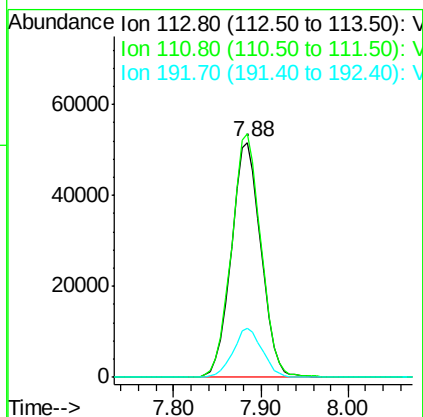
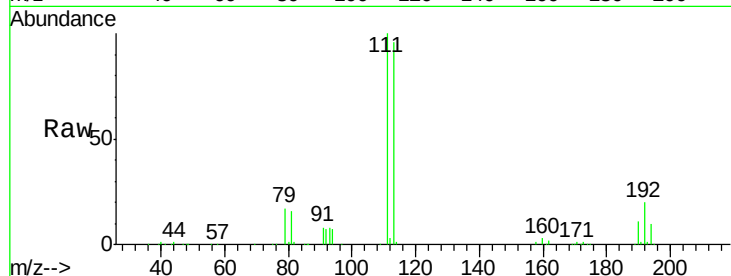




#35
 Dibromofluoromethane
 Concen: 48.998 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012215.D
 Acq: 27 Aug 2019 16:27

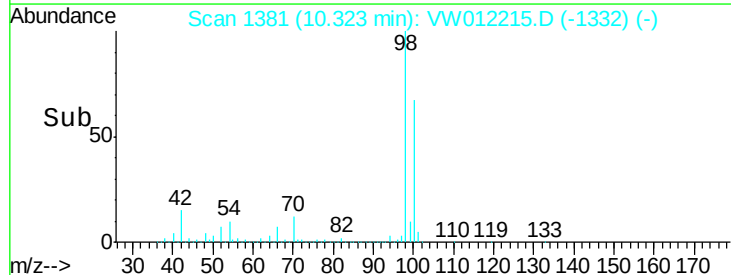
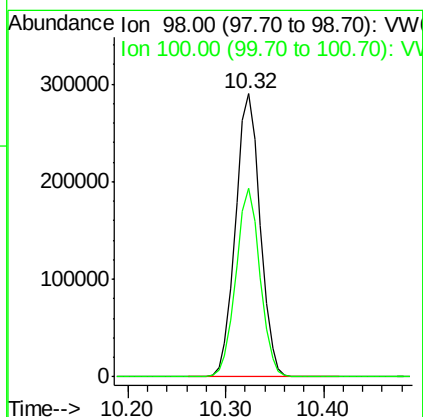
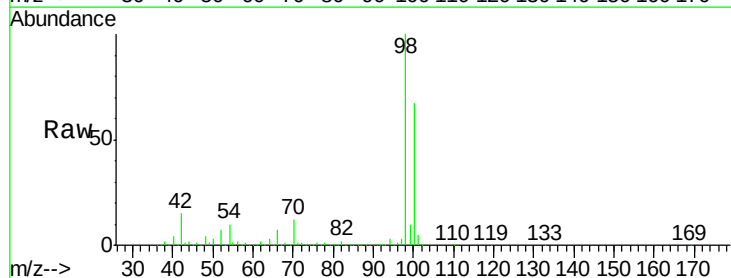
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-14

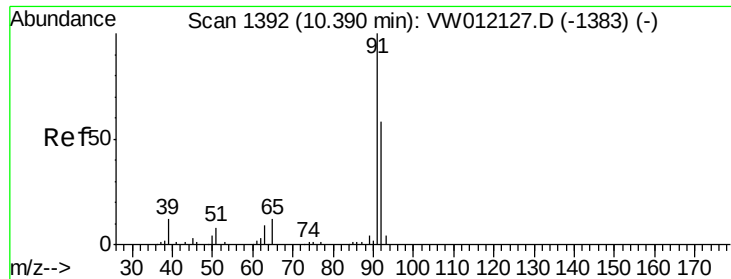
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.281 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012215.D
 Acq: 27 Aug 2019 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#52

Toluene

Concen: 1.167 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW012215.D

Acq: 27 Aug 2019 16:27

Instrument :

MSVOA_W

ClientSampleId :

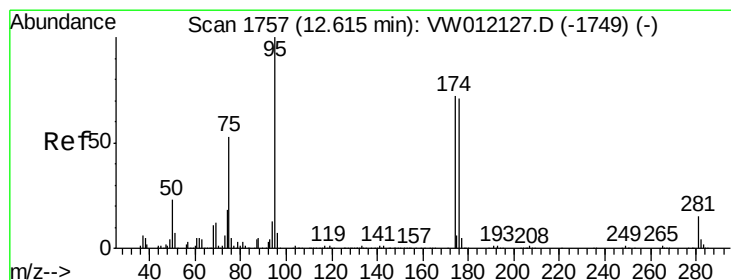
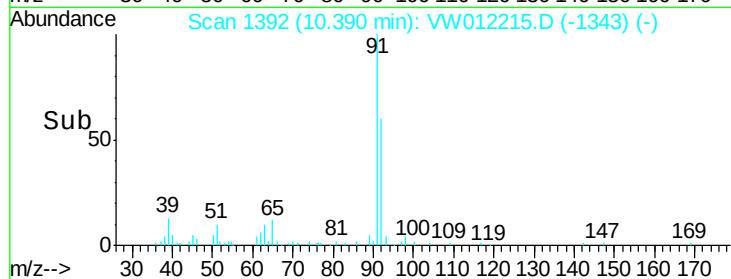
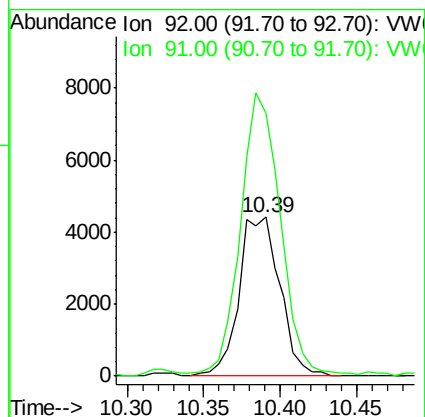
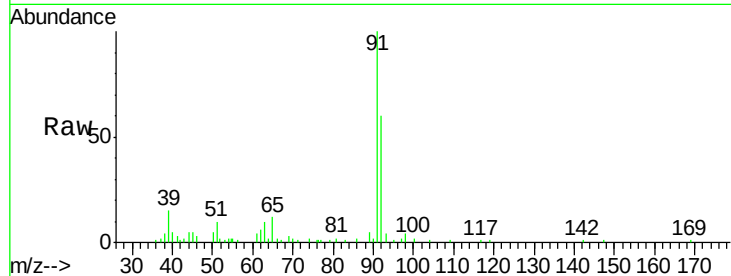
PX-14

Tot Ion: 92 Resp: 8245

Ion Ratio Lower Upper

92 100

91 171.0 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 45.913 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012215.D

Acq: 27 Aug 2019 16:27

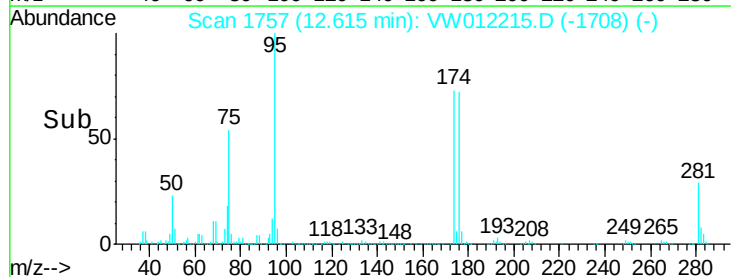
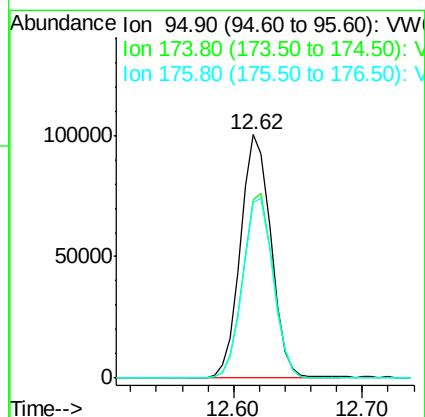
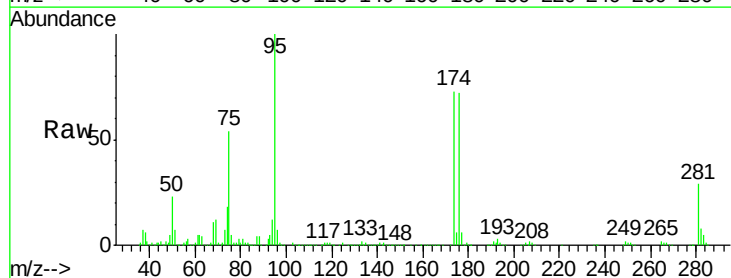
Tgt Ion: 95 Resp: 163310

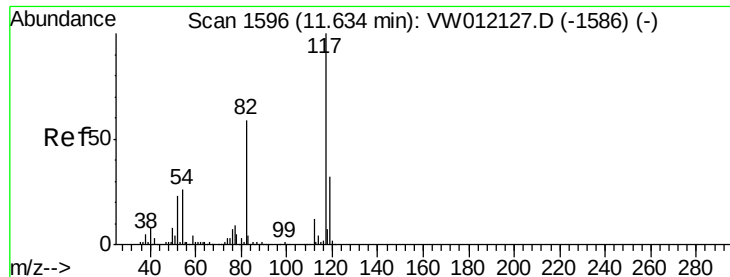
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.8

176 73.9 0.0 148.6

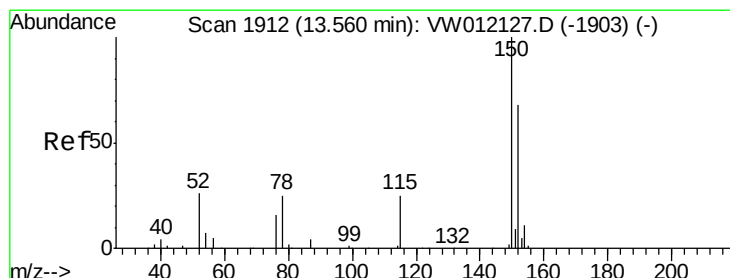
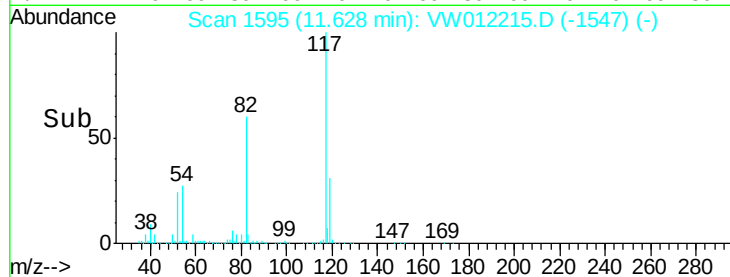
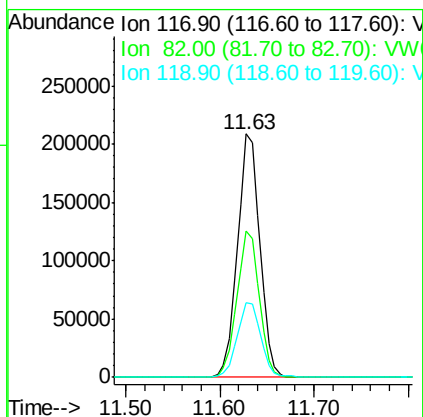
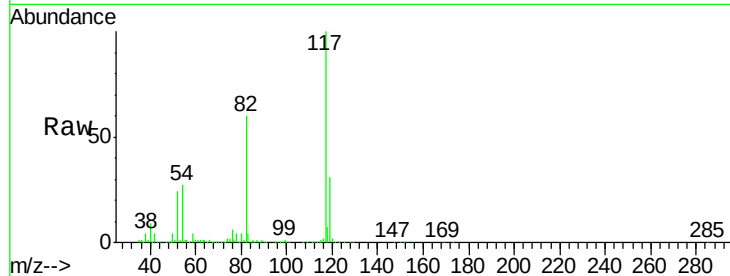




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012215.D
Acq: 27 Aug 2019 16:27

Instrument :
MSVOA_W
ClientSampled :
PX-14

Tot Ion:117 Resp: 344372
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 30.7 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: VW012215.D
Acq: 27 Aug 2019 16:27

Tgt Ion:152 Resp: 138745
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 154.9 0.0 345.8

