

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012219.D
 Acq On : 27 Aug 2019 18:10
 Operator : SY/VA
 Sample : K4521-12
 Misc : 4.20G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-15

Quant Time: Aug 28 06:45:42 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

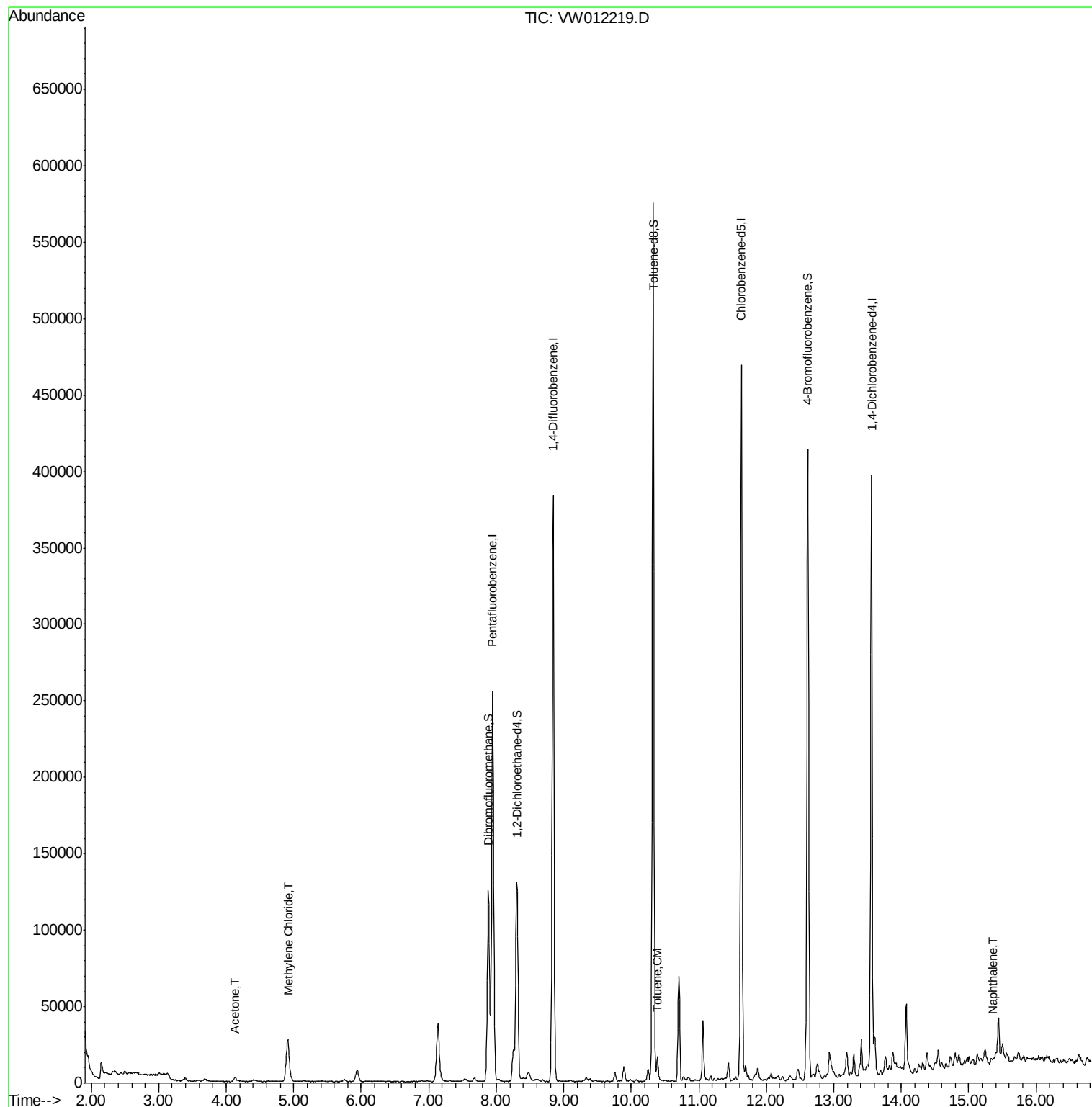
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105071	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
35) Dibromofluoromethane	7.88	113	89817	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.32	98	365345	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.62	95	117142	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
16) Acetone	4.13	43	5005	8.907	ug/l	91
20) Methylene Chloride	4.92	84	19726	9.286	ug/l	98
52) Toluene	10.39	92	5954	1.167	ug/l	97
95) Naphthalene	15.36	128	2872	5.020	ug/l #	94

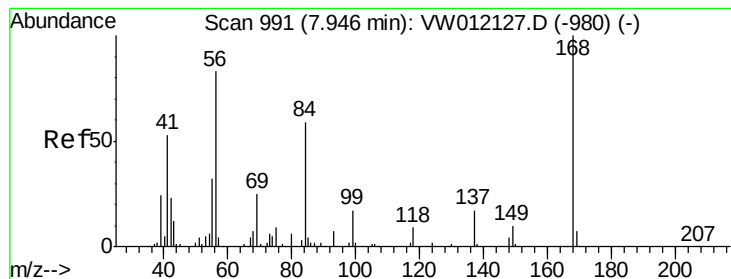
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012219.D
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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: VW012219.D

Acq: 27 Aug 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

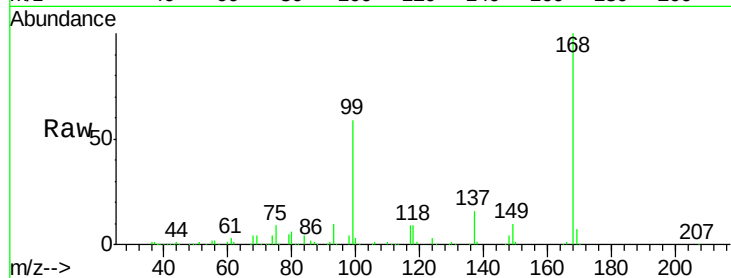
PX-15

Tot Ion:168 Resp: 184918

Ion Ratio Lower Upper

168 100

99 59.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

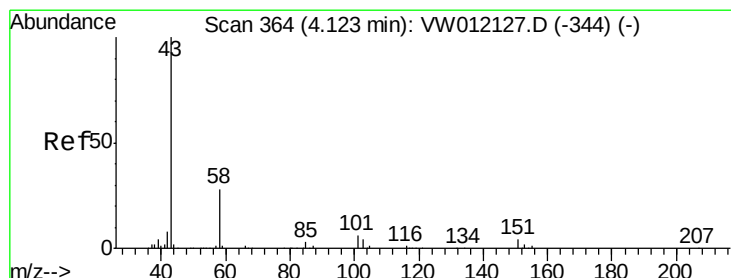
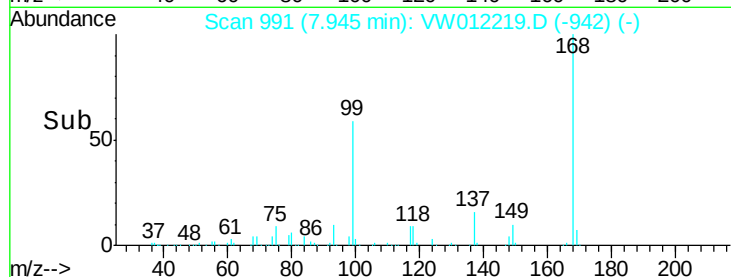
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 8.907 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012219.D

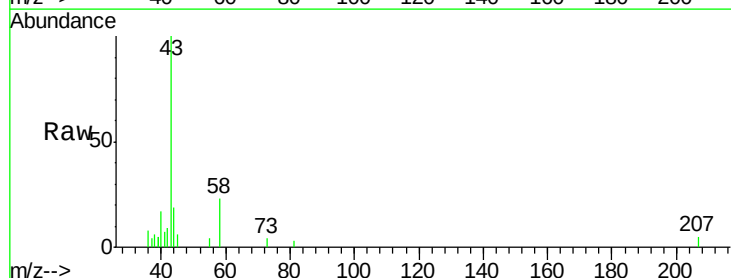
Acq: 27 Aug 2019 18:10

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

43 100

58 23.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

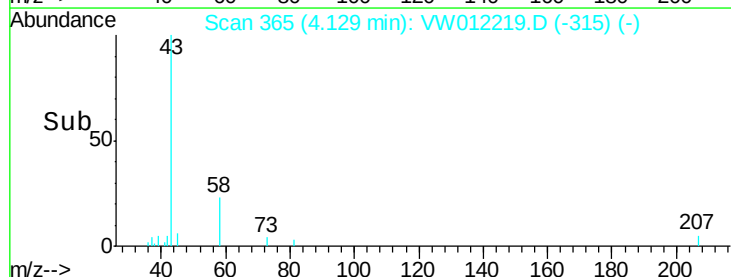
1000

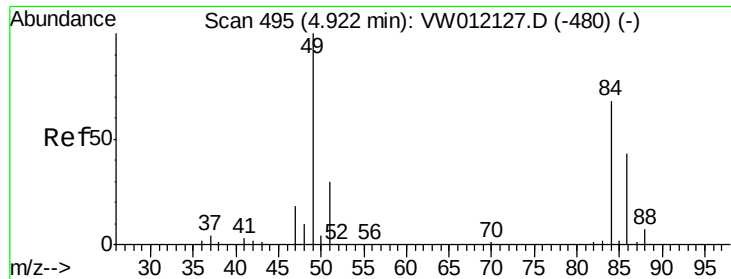
500

0

4.05 4.10 4.15 4.20

Time-->

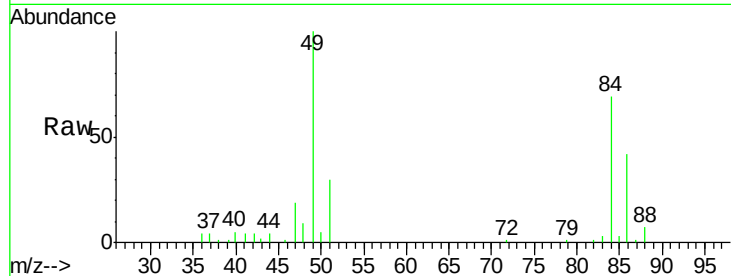




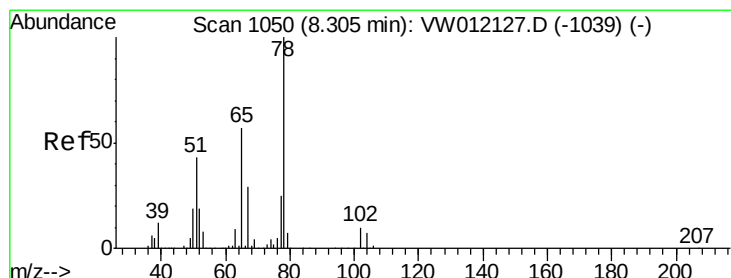
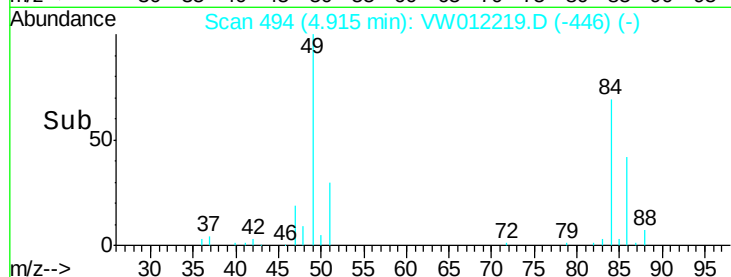
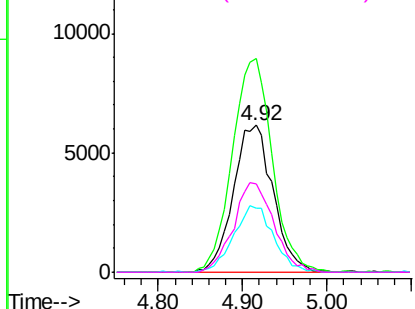
#20
Methylene Chloride
Concen: 9.286 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Instrument :
MSVOA_W
ClientSampled :
PX-15

Tot Ion: 84 Resp: 19726
Ion Ratio Lower Upper
84 100
49 145.3 117.8 176.8
51 43.9 35.6 53.4
86 60.5 51.2 76.8

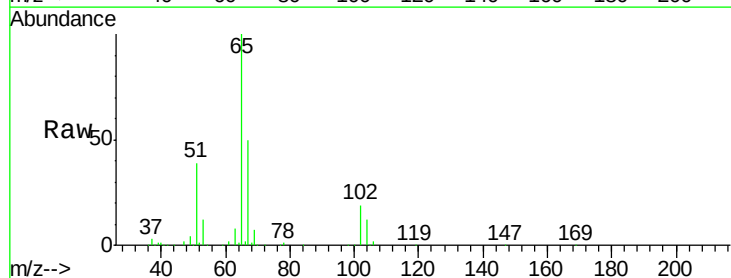


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

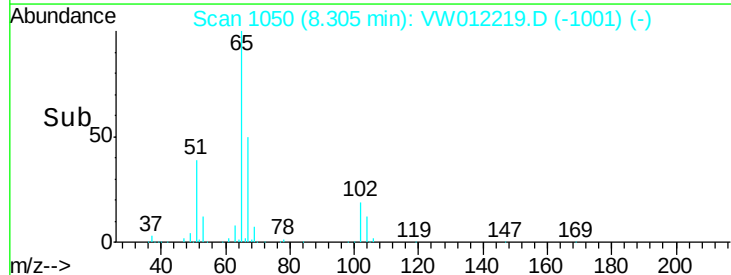
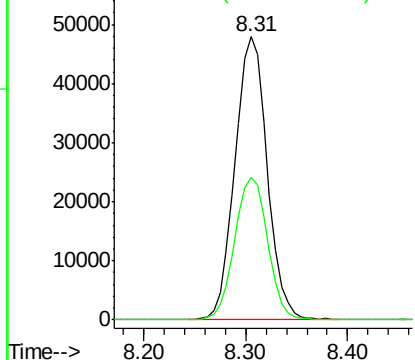


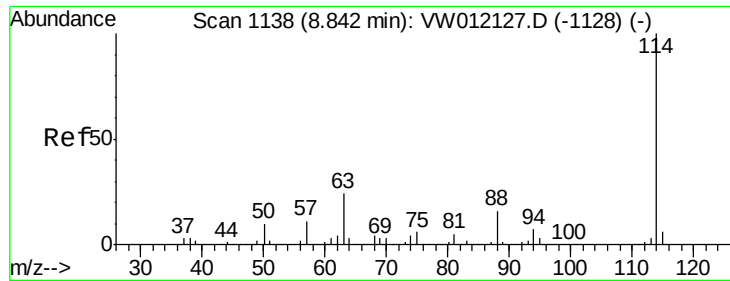
#33
1,2-Dichloroethane-d4
Concen: 47.798 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Tgt Ion: 65 Resp: 105071
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

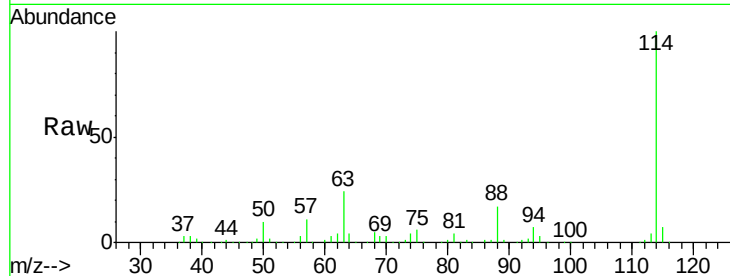




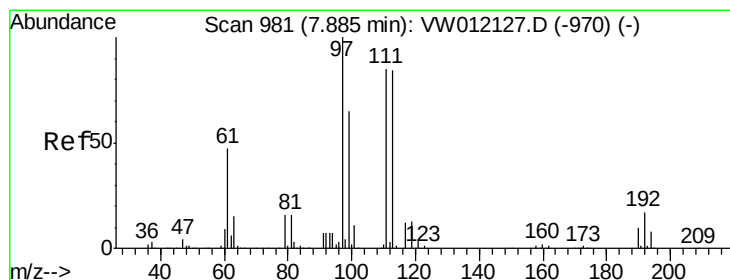
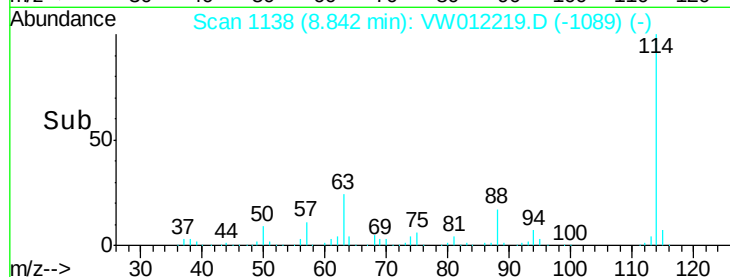
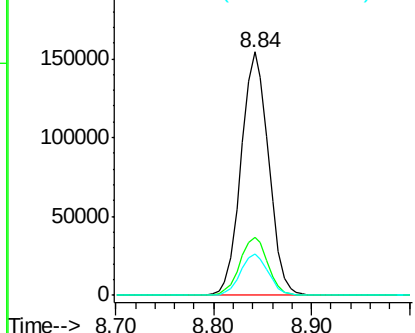
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Instrument :
MSVOA_W
ClientSampleId :
PX-15

Tot Ion:114 Resp: 300902
Ion Ratio Lower Upper
114 100
63 24.0 0.0 48.6
88 16.9 0.0 32.2

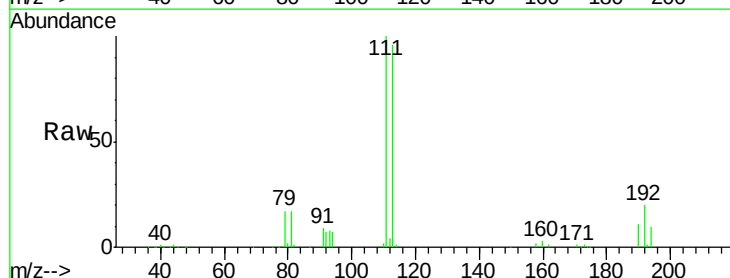


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

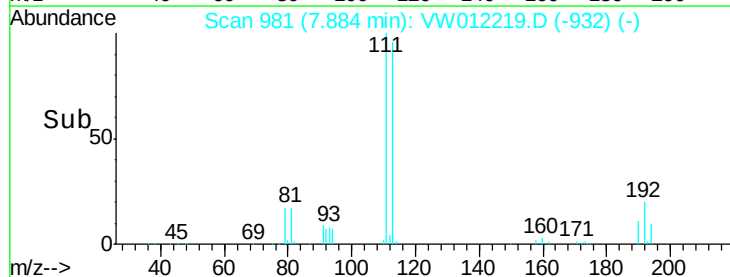
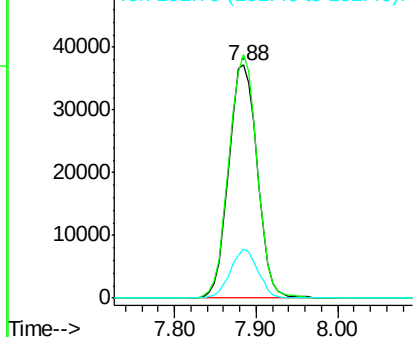


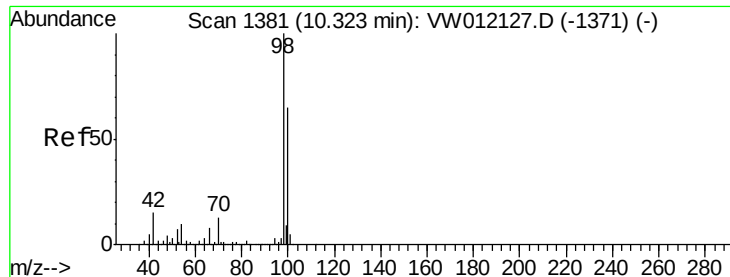
#35
Dibromofluoromethane
Concen: 50.007 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Tgt Ion:113 Resp: 89817
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 20.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.167 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012219.D

Acq: 27 Aug 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

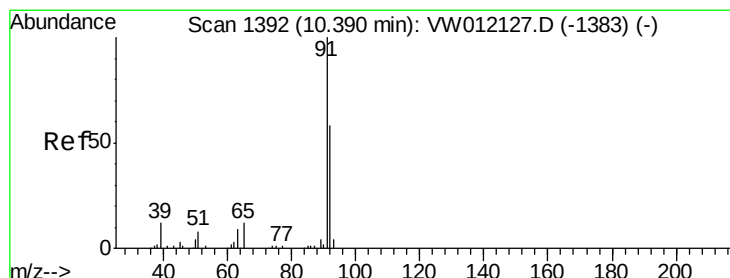
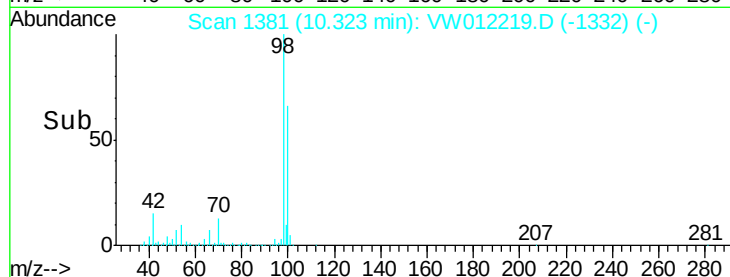
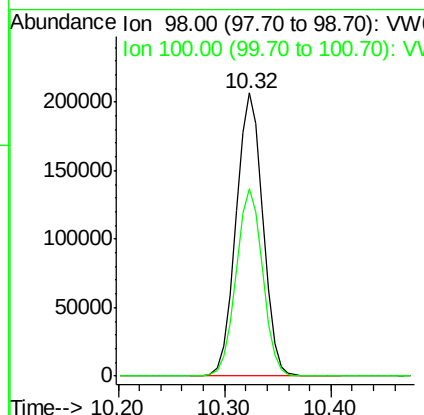
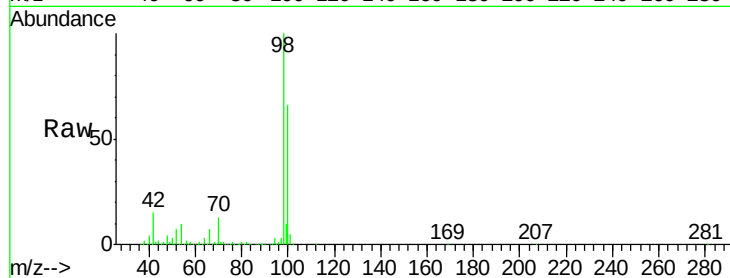
PX-15

Tot Ion: 98 Resp: 365345

Ion Ratio Lower Upper

98 100

100 65.5 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: VW012219.D

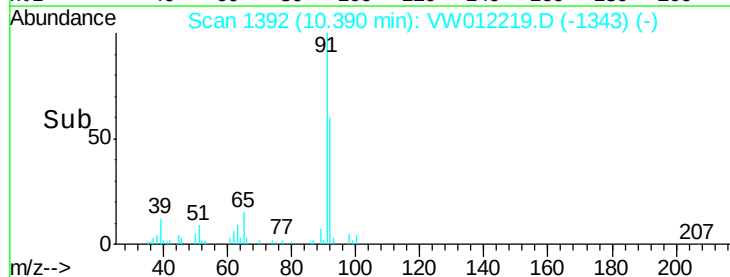
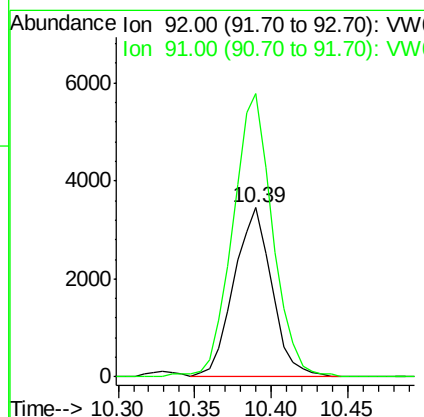
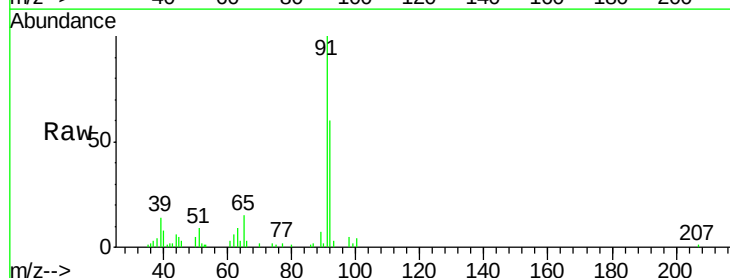
Acq: 27 Aug 2019 18:10

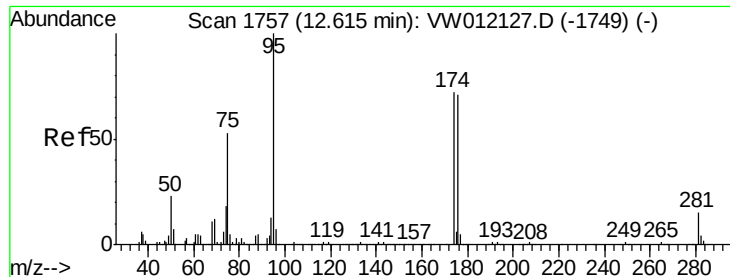
Tgt Ion: 92 Resp: 5954

Ion Ratio Lower Upper

92 100

91 175.2 136.6 204.8

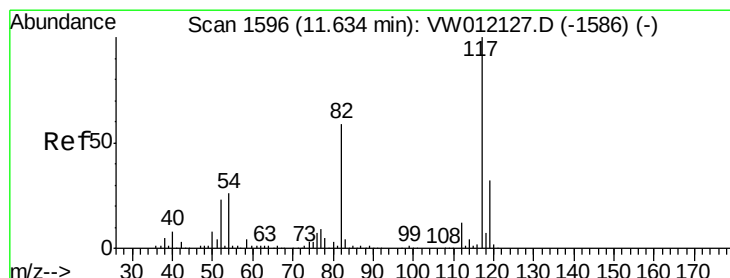
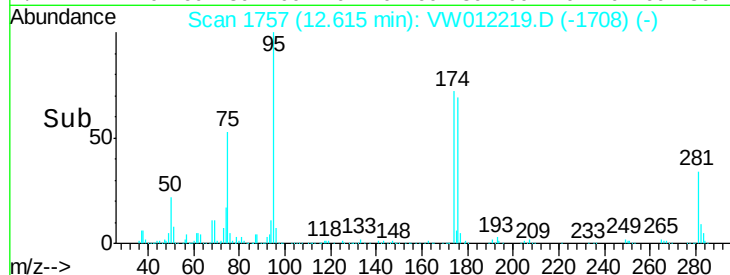
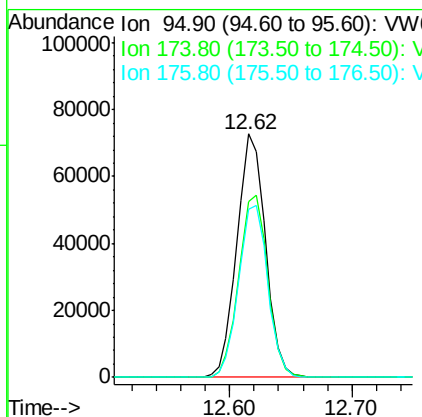
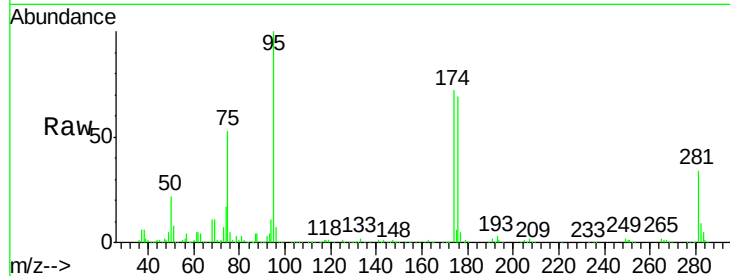




#62
4-Bromofluorobenzene
Concen: 45.632 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

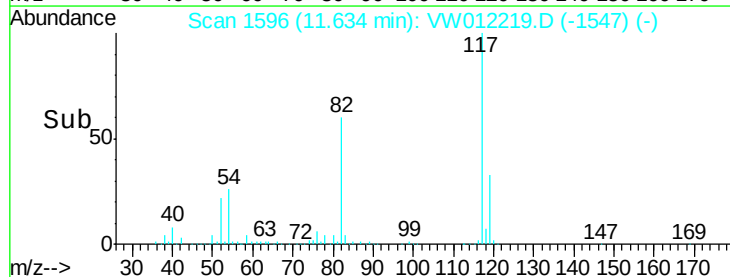
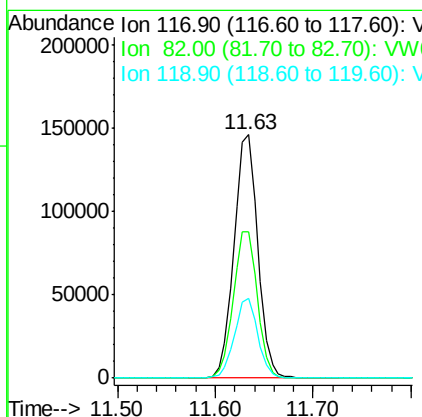
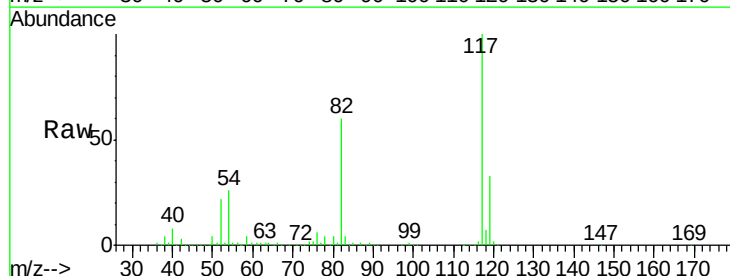
Instrument :
MSVOA_W
ClientSampleId :
PX-15

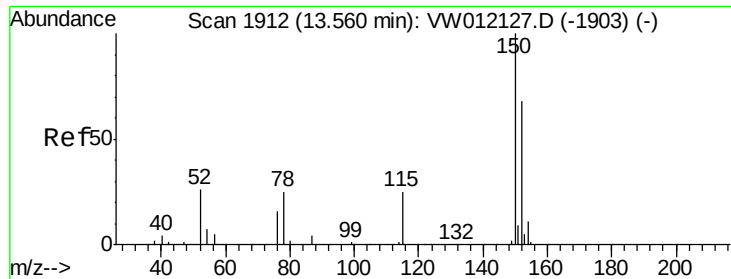
Tot Ion: 95 Resp: 117142
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.8
176 72.5 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Tgt Ion: 117 Resp: 247112
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.7 25.4 38.2



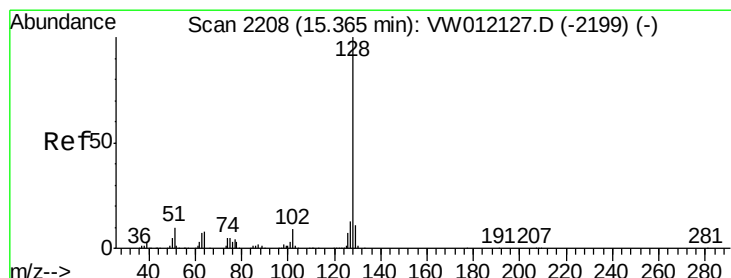
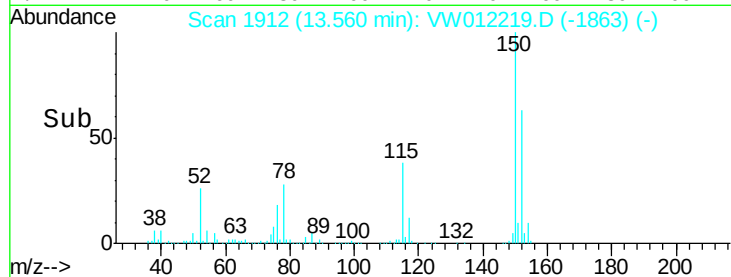
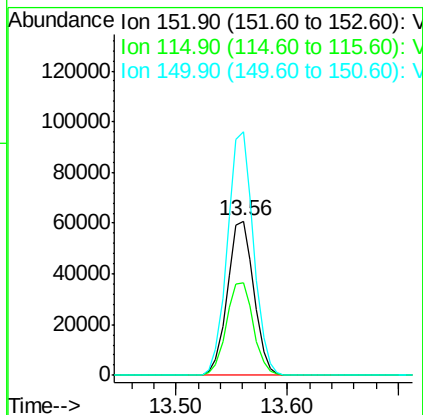
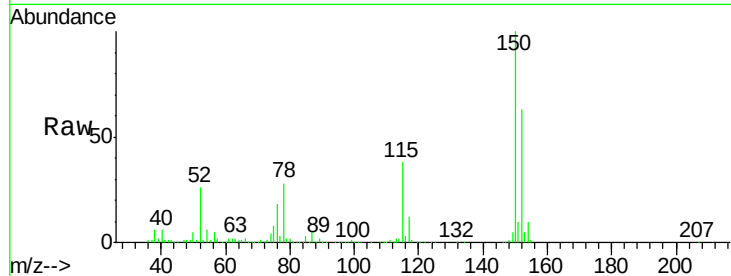


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Instrument :
MSVOA_W
ClientSampled :
PX-15

Tot Ion:152 Resp: 99554
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 156.2 0.0 345.8



#95

Naphthalene
Concen: 5.020 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012219.D
Acq: 27 Aug 2019 18:10

Tgt Ion:128 Resp: 2872
Ion Ratio Lower Upper
128 100
127 16.2 10.7 16.1#
129 12.4 8.7 13.1

