

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012208.D
 Acq On : 27 Aug 2019 13:16
 Operator : SY/VA
 Sample : K4521-04
 Misc : 4.05G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-07

Quant Time: Aug 28 05:38:22 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

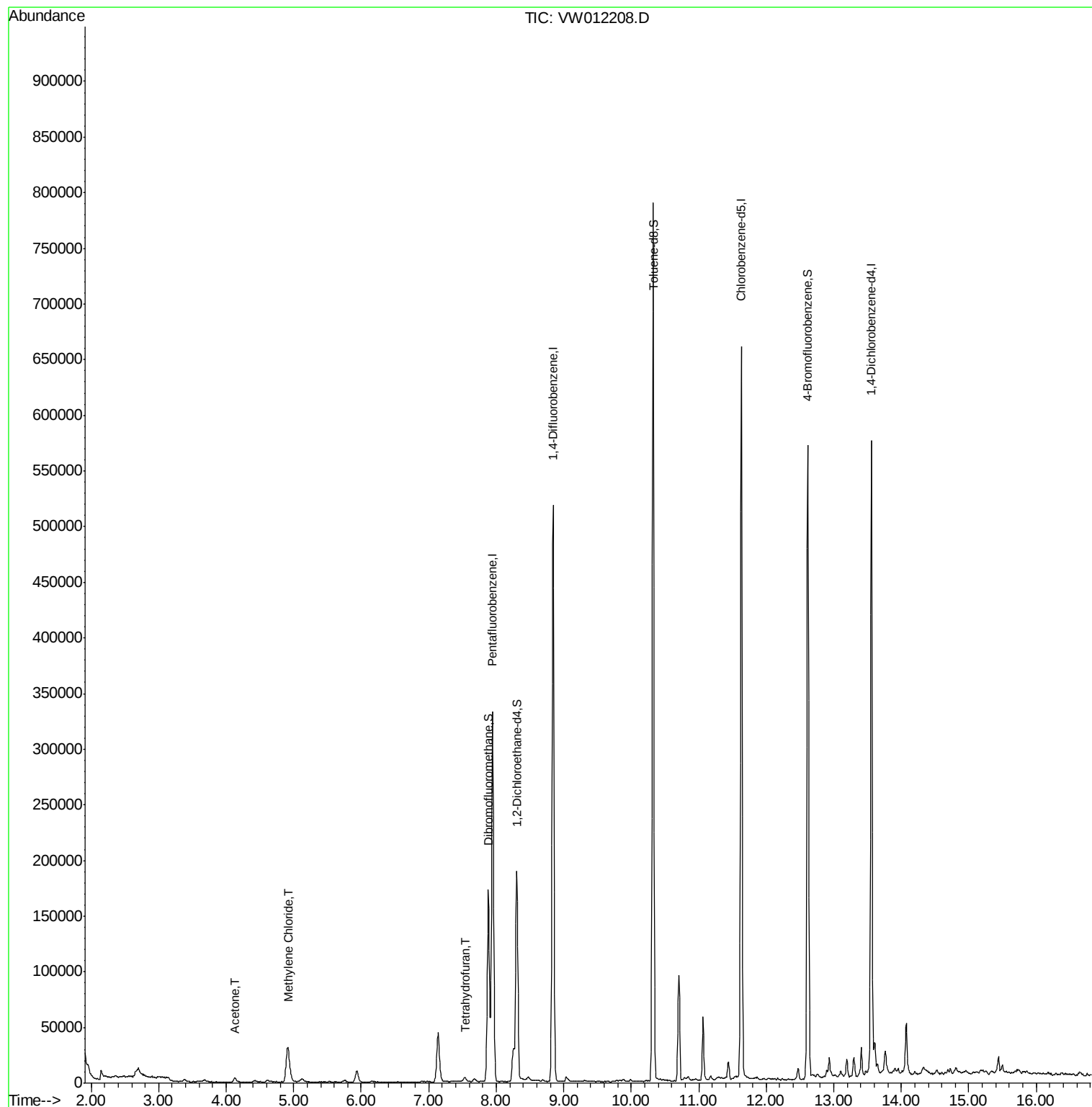
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148036	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	121325	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.32	98	496103	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	166737	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
Target Compounds						
16) Acetone	4.12	43	7339	9.980	ug/l	91
20) Methylene Chloride	4.92	84	24970	8.982	ug/l	95
29) Tetrahydrofuran	7.54	42	3394	5.661	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012208.D

Acq: 27 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

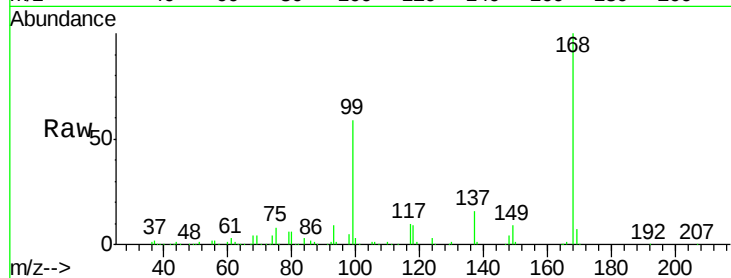
PX-07

Tot Ion:168 Resp: 242006

Ion Ratio Lower Upper

168 100

99 58.8 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

120000

100000

80000

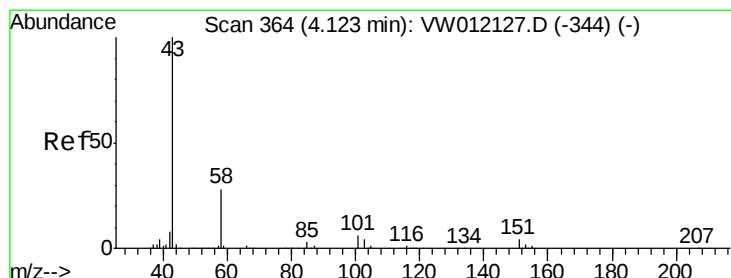
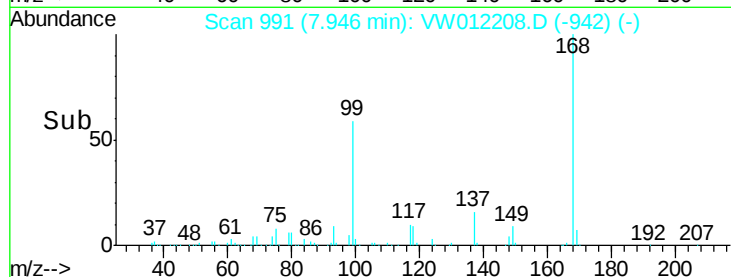
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 9.980 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012208.D

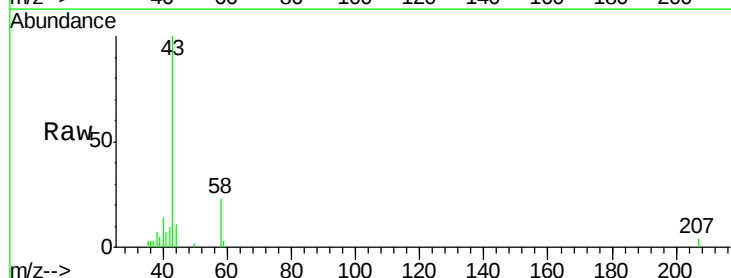
Acq: 27 Aug 2019 13:16

Tgt Ion: 43 Resp: 7339

Ion Ratio Lower Upper

43 100

58 23.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

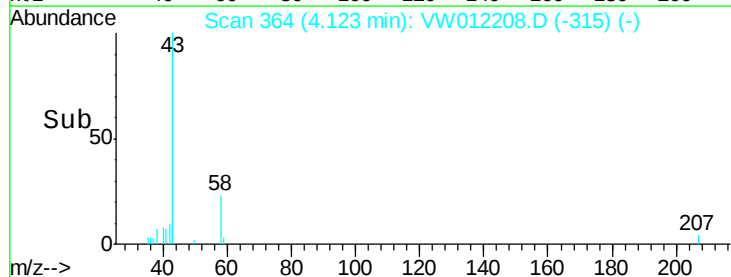
1500

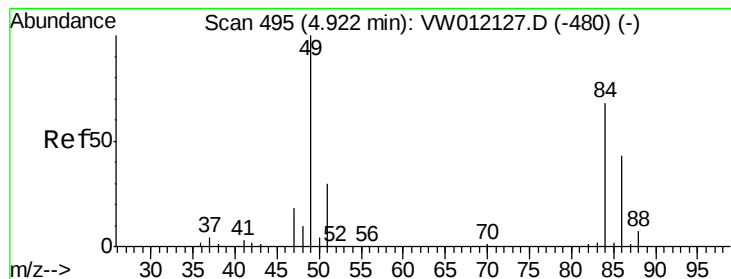
1000

500

0

Time--> 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 8.982 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012208.D

Acq: 27 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampled :

PX-07

Tot Ion: 84 Resp: 24970

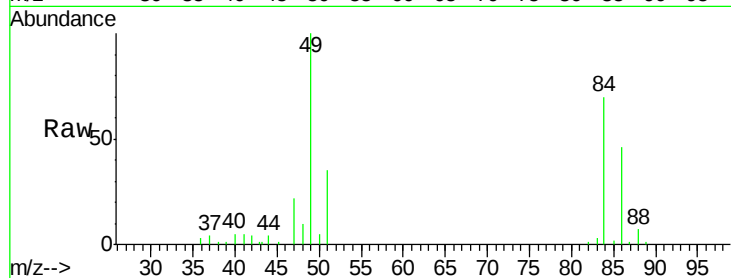
Ion Ratio Lower Upper

84 100

49 141.1 117.8 176.8

51 50.3 35.6 53.4

86 65.1 51.2 76.8



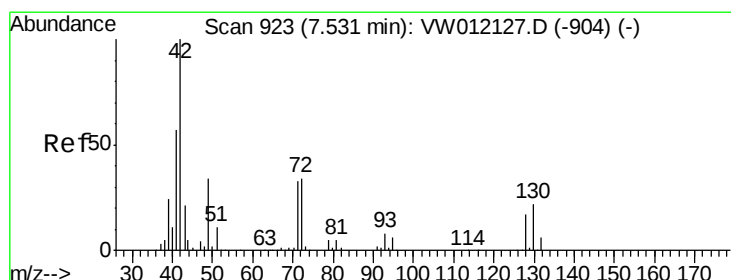
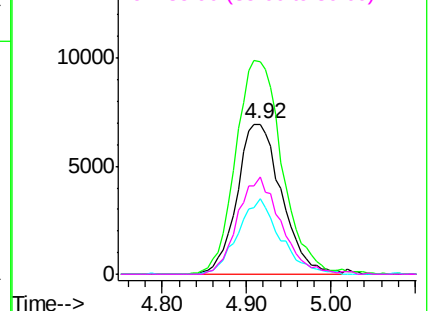
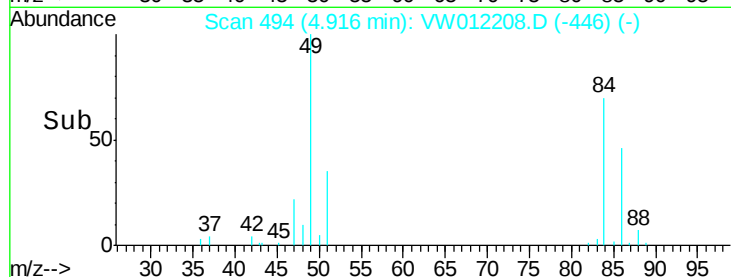
Abundance

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: 5.661 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012208.D

Acq: 27 Aug 2019 13:16

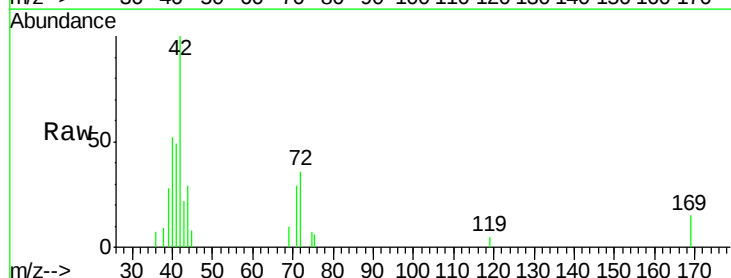
Tgt Ion: 42 Resp: 3394

Ion Ratio Lower Upper

42 100

72 36.8 27.3 40.9

71 33.2 25.5 38.3

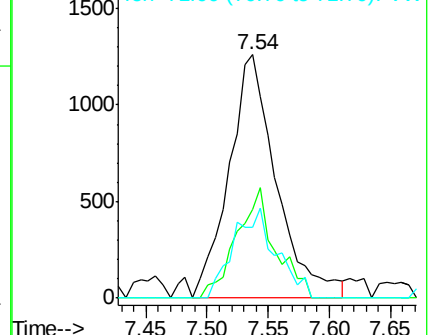
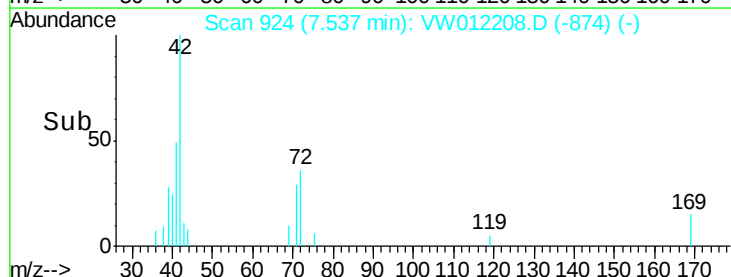


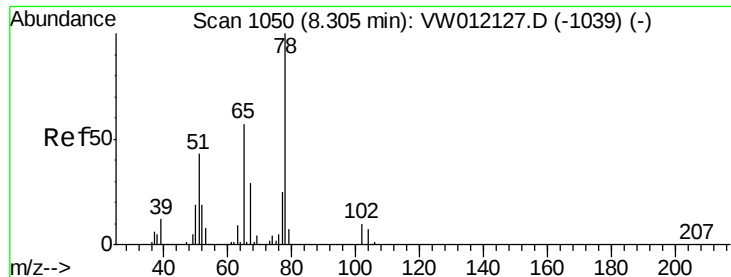
Abundance

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: 51.457 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012208.D

Acq: 27 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampled :

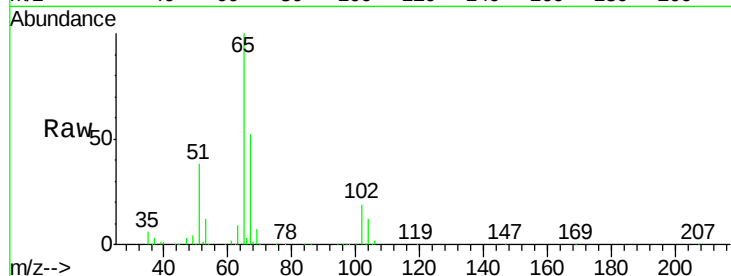
PX-07

Tot Ion: 65 Resp: 148036

Ion Ratio Lower Upper

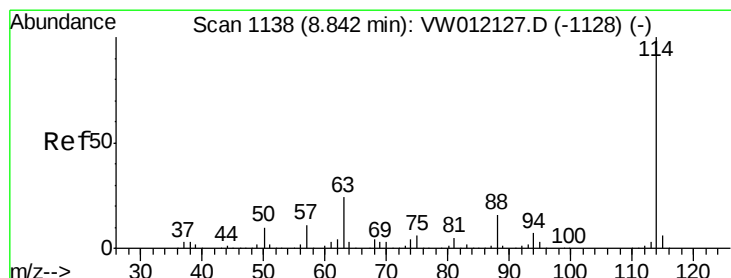
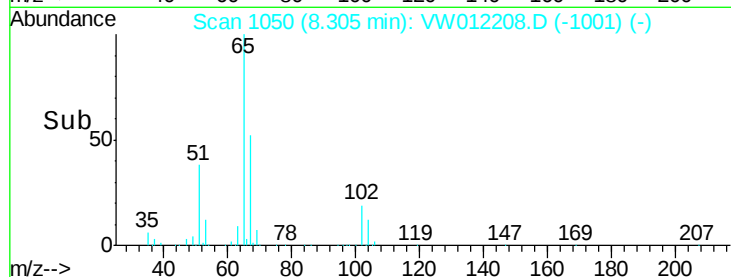
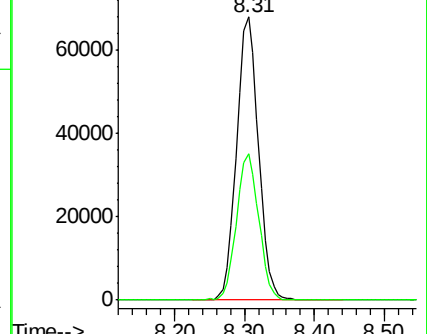
65 100

67 52.6 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: VW012208.D

Acq: 27 Aug 2019 13:16

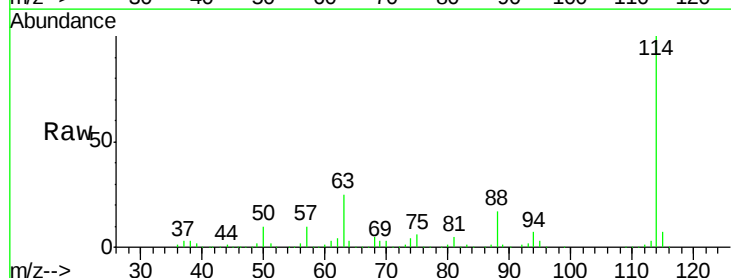
Tgt Ion: 114 Resp: 405046

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

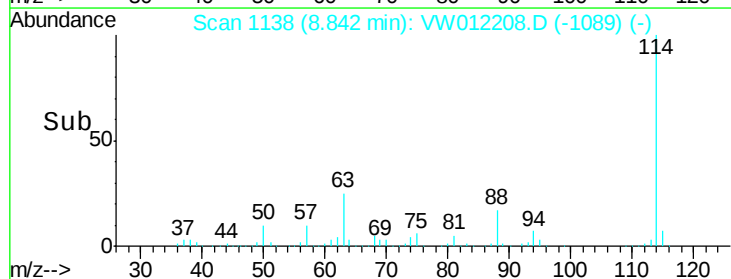
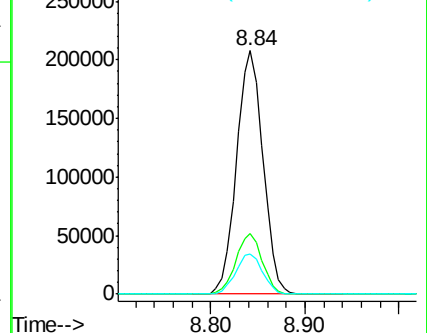
88 16.6 0.0 32.2



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

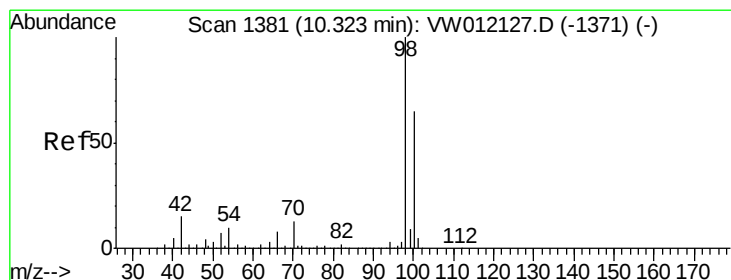
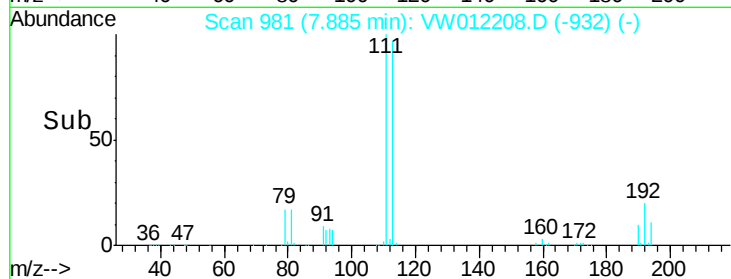
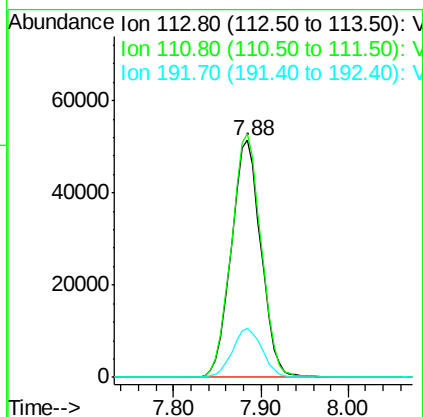
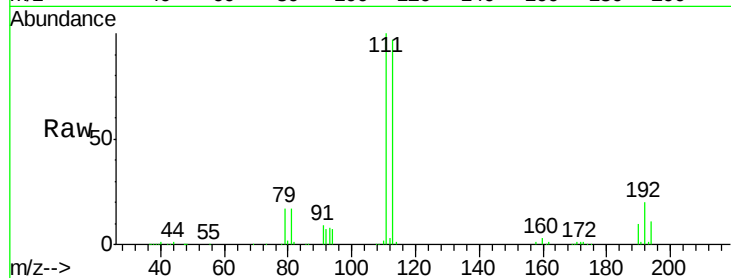




#35
 Dibromofluoromethane
 Concen: 50.181 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

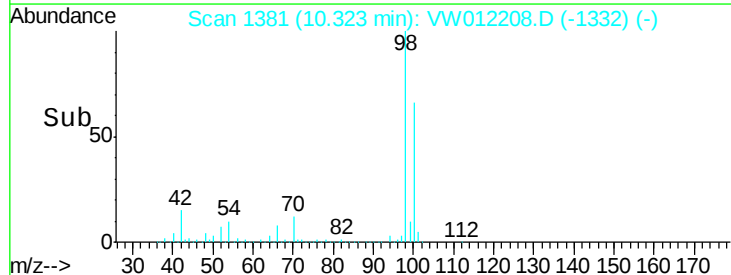
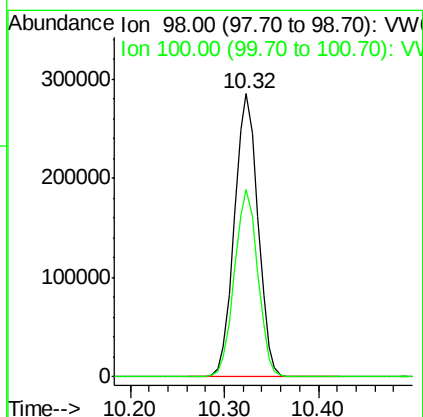
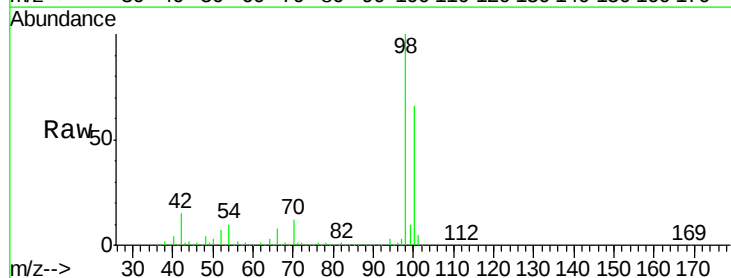
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-07

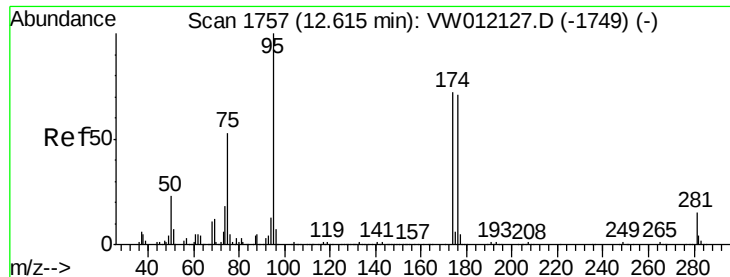
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.7	16.2	24.2



#50
 Toluene-d8
 Concen: 50.606 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

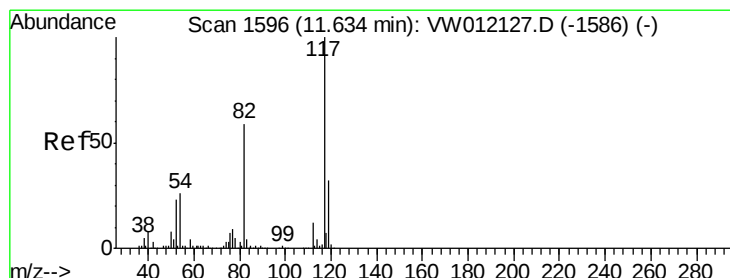
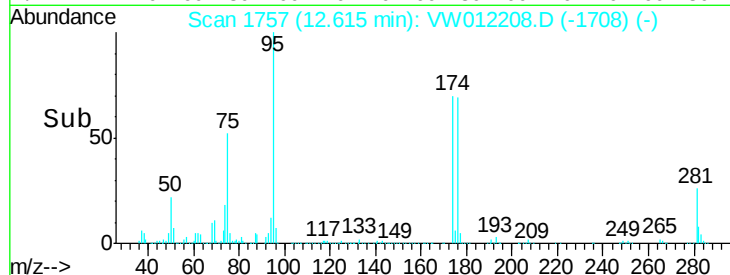
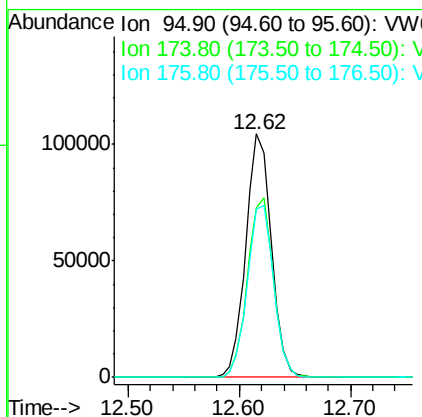
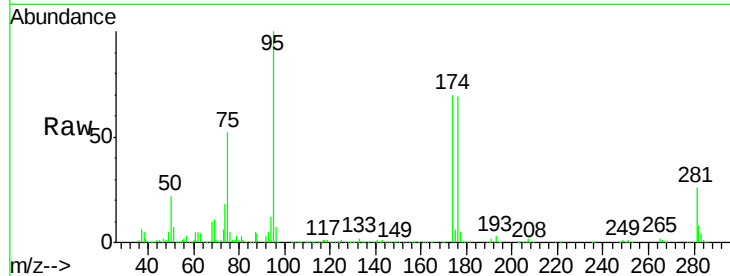




#62
4-Bromofluorobenzene
Concen: 48.251 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

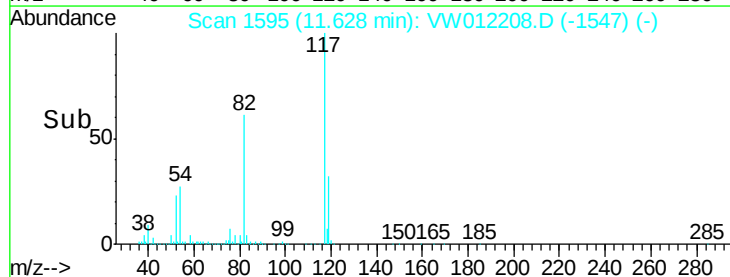
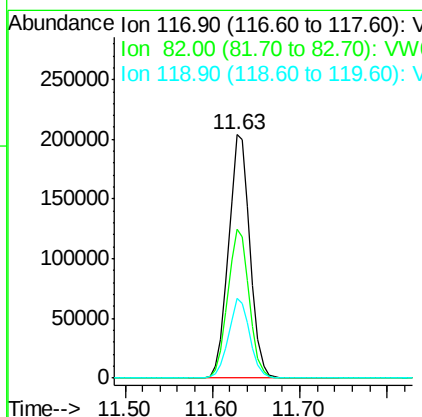
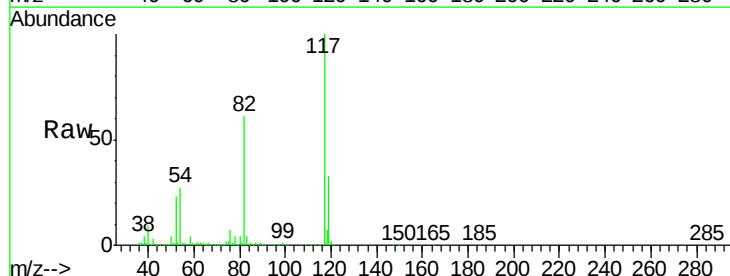
Instrument :
MSVOA_W
ClientSampleId :
PX-07

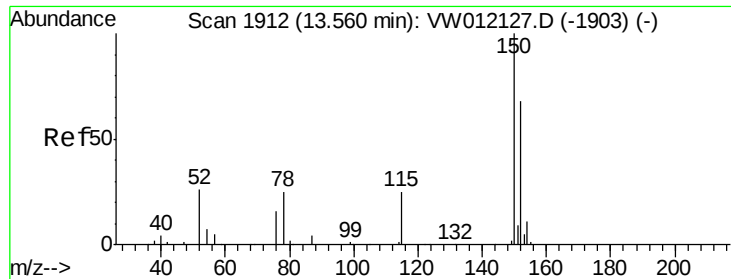
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.8
176	73.2	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.4	71.2
119	32.5	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: VW012208.D

Acq: 27 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

PX-07

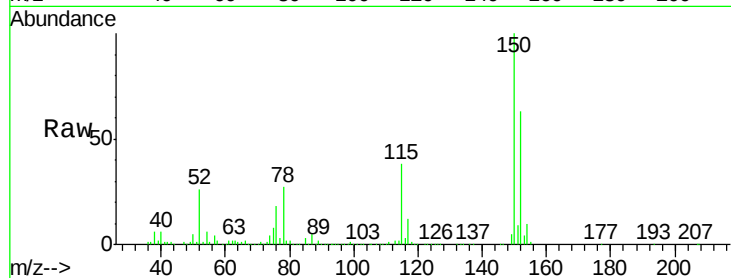
Tot Ion:152 Resp: 145057

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

150 157.9 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

