

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012259.D
 Acq On : 28 Aug 2019 17:24
 Operator : SY/VA
 Sample : K4560-01RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S404-K1-1.0-1.5-082619RE

Quant Time: Aug 28 18:57:53 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

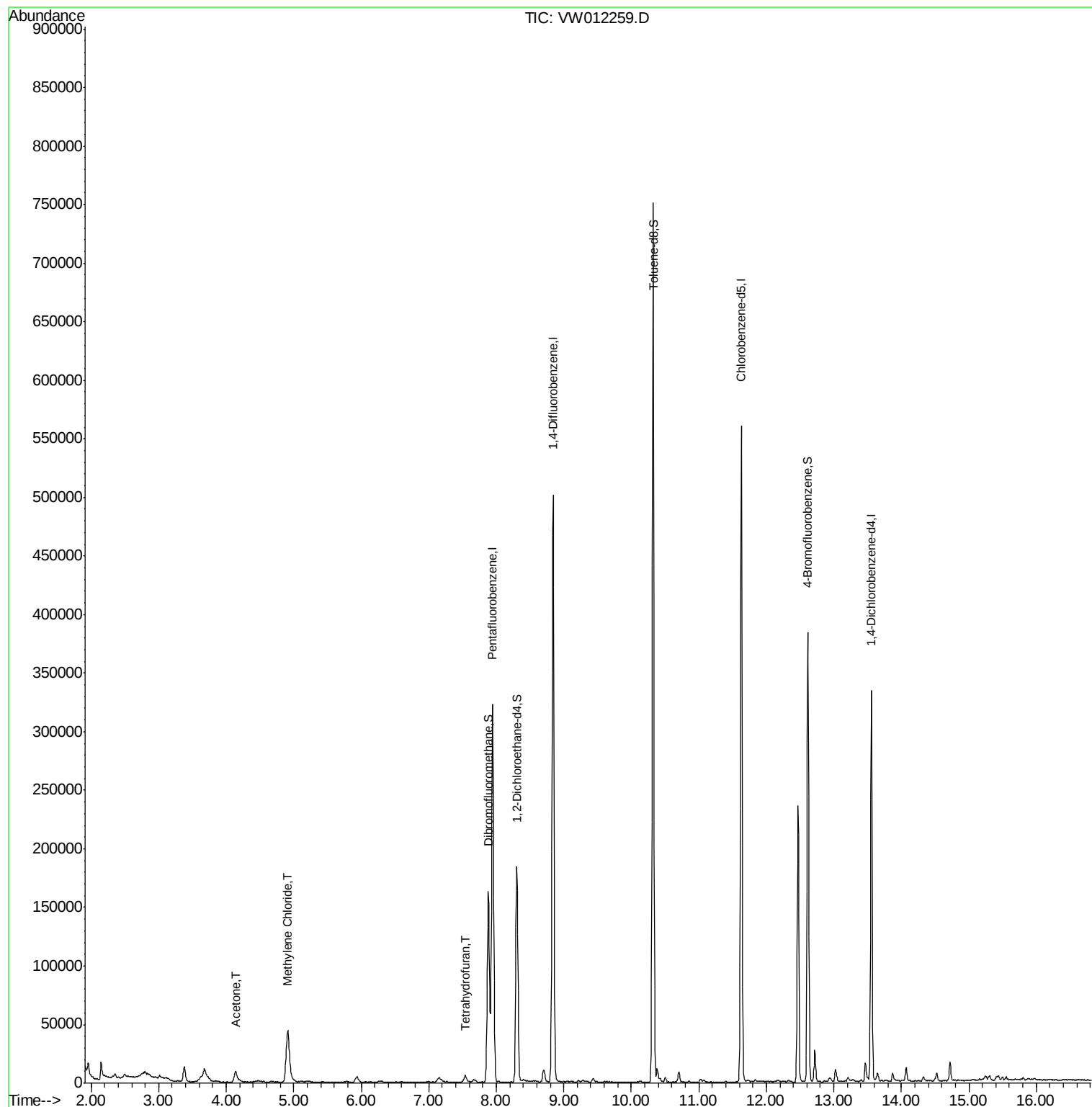
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145934	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	7.88	113	118740	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.32	98	467255	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.62	95	122929	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.52%	
Target Compounds						
16) Acetone	4.14	43	18336	25.289	ug/l	95
20) Methylene Chloride	4.91	84	33910	12.371	ug/l	97
29) Tetrahydrofuran	7.54	42	5115	8.653	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
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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: VW012259.D

Acq: 28 Aug 2019 17:24

Instrument :

MSVOA_W

ClientSampleId :

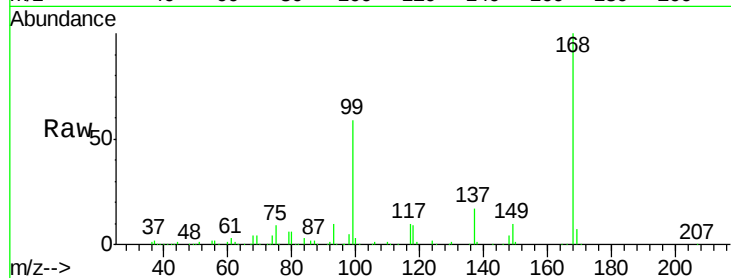
S404-K1-1.0-1.5-082619RE

Tot Ion:168 Resp: 238605

Ion Ratio Lower Upper

168 100

99 59.4 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

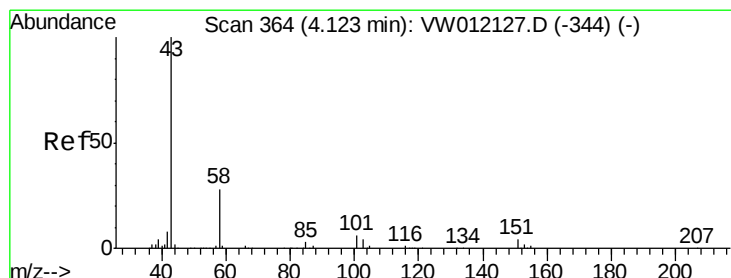
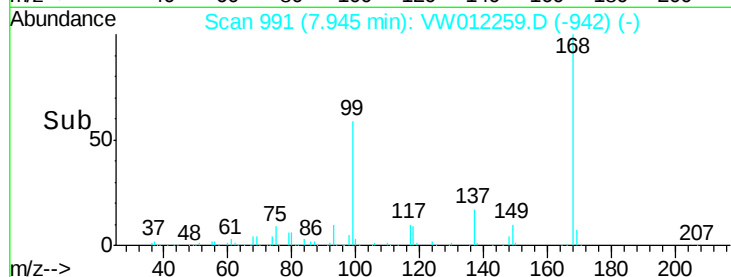
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 25.289 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012259.D

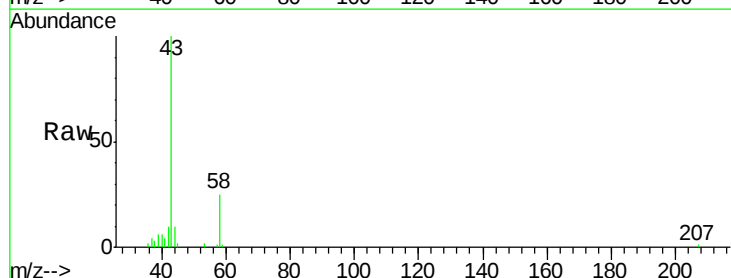
Acq: 28 Aug 2019 17:24

Tgt Ion: 43 Resp: 18336

Ion Ratio Lower Upper

43 100

58 25.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

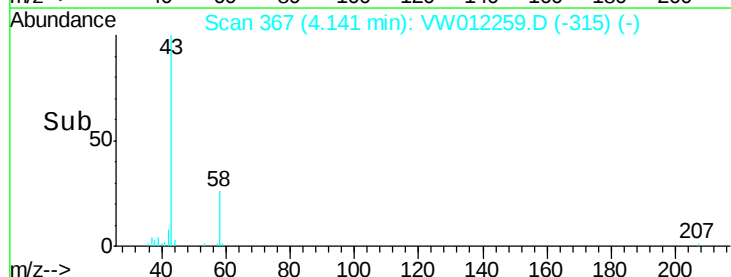
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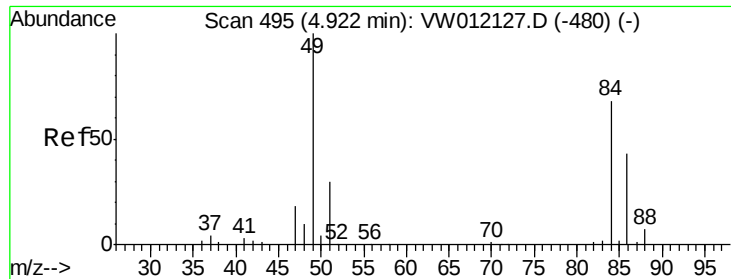
4000

2000

0

Time-->

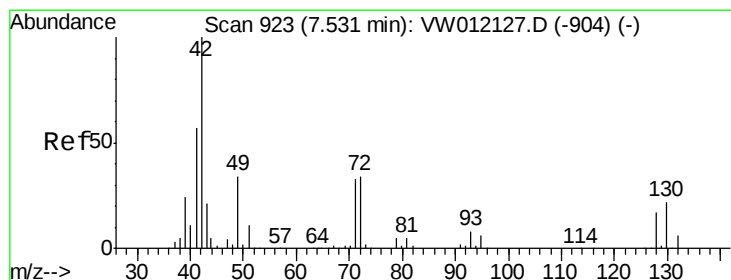
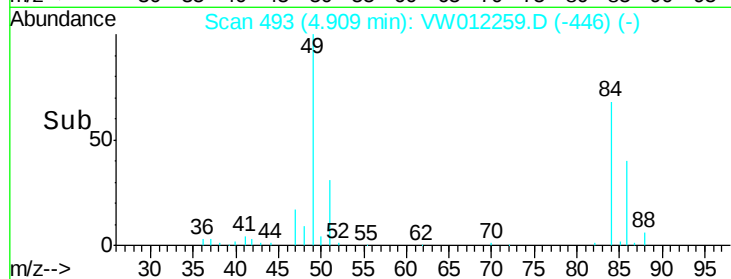
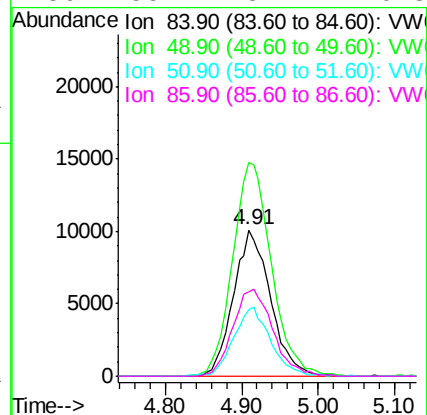
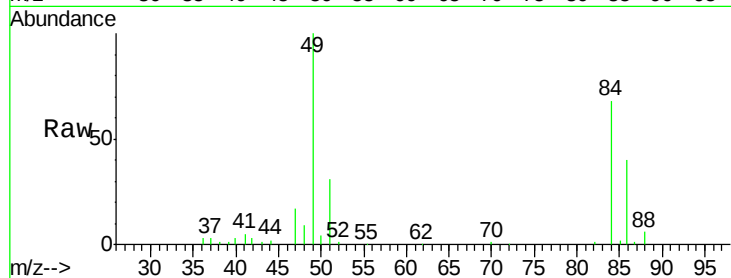




#20
Methvlene Chloride
Concen: 12.371 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012259.D
Acq: 28 Aug 2019 17:24

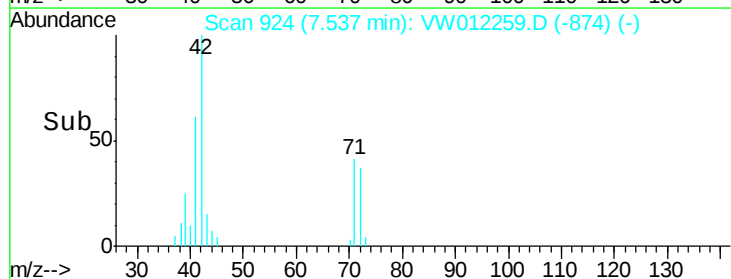
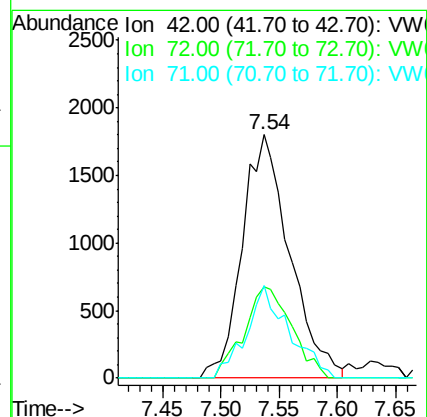
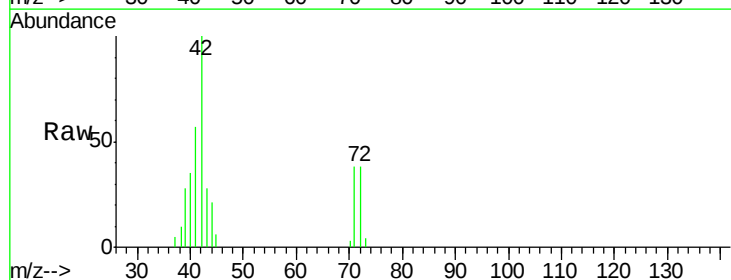
Instrument :
MSVOA_W
ClientSampleId :
S404-K1-1.0-1.5-082619RE

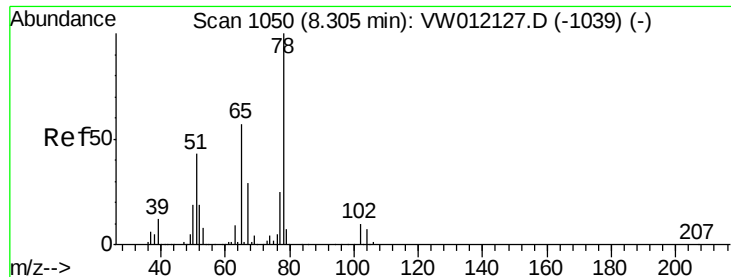
Tot Ion:	84	Resp:	33910
Ion	Ratio	Lower	Upper
84	100		
49	145.6	117.8	176.8
51	45.7	35.6	53.4
86	58.2	51.2	76.8



#29
Tetrahydrofuran
Concen: 8.653 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012259.D
Acq: 28 Aug 2019 17:24

Tgt Ion:	42	Resp:	5115
Ion	Ratio	Lower	Upper
42	100		
72	37.4	27.3	40.9
71	34.1	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 51.450 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012259.D

Acq: 28 Aug 2019 17:24

Instrument :

MSVOA_W

ClientSampleId :

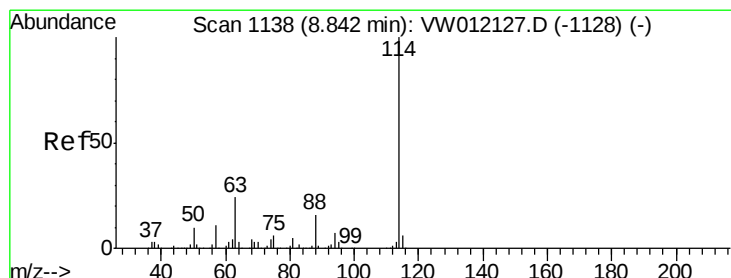
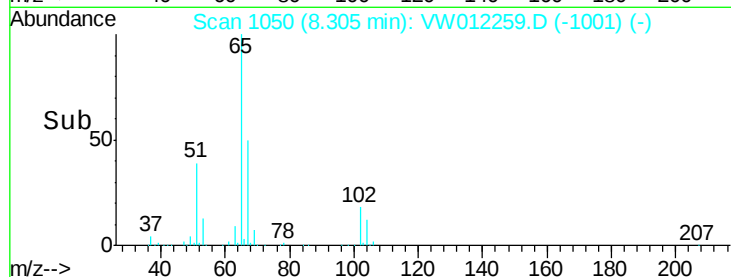
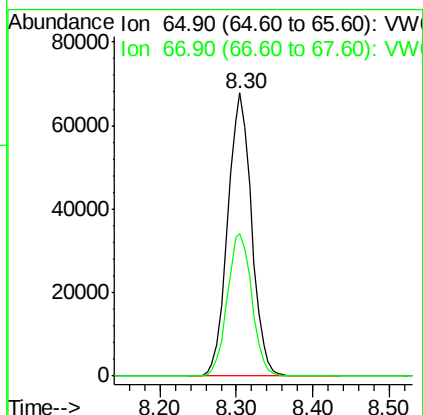
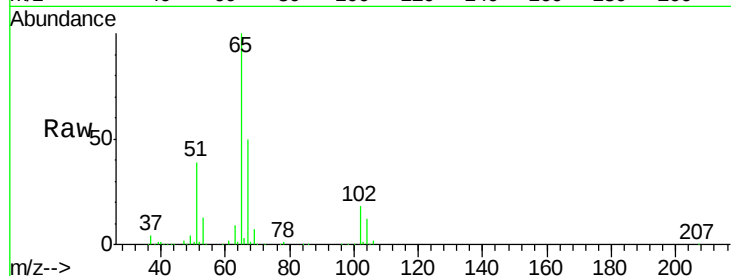
S404-K1-1.0-1.5-082619RE

Tot Ion: 65 Resp: 145934

Ion Ratio Lower Upper

65 100

67 51.6 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: VW012259.D

Acq: 28 Aug 2019 17:24

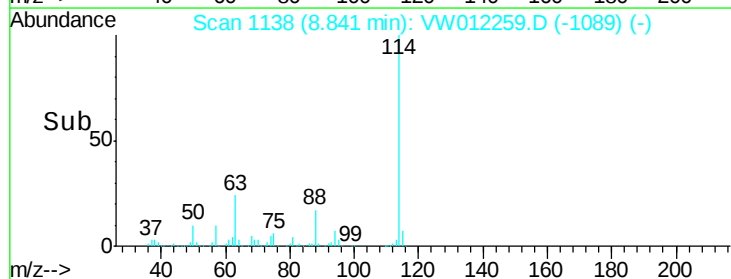
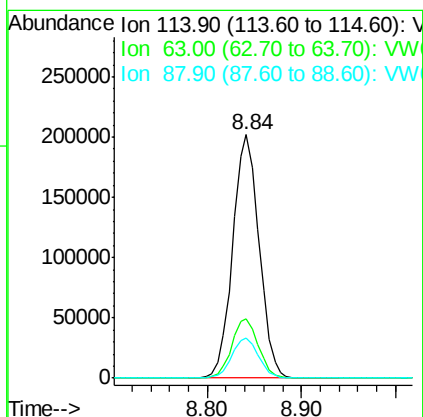
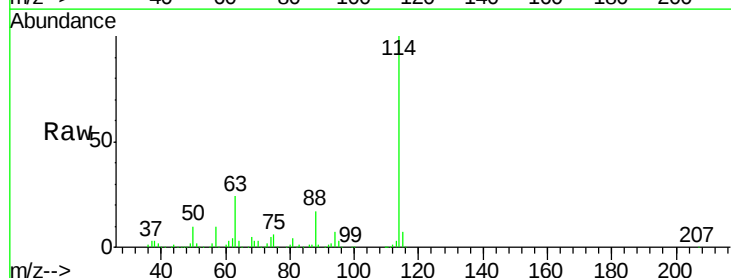
Tgt Ion: 114 Resp: 391997

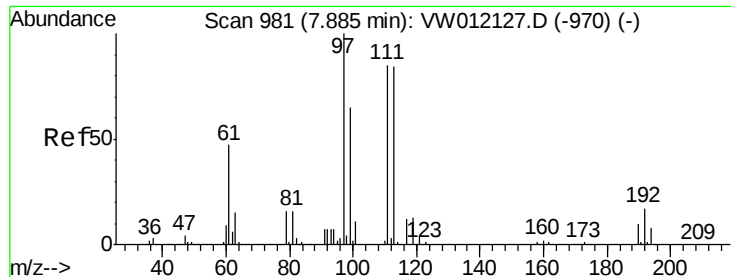
Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

88 16.7 0.0 32.2

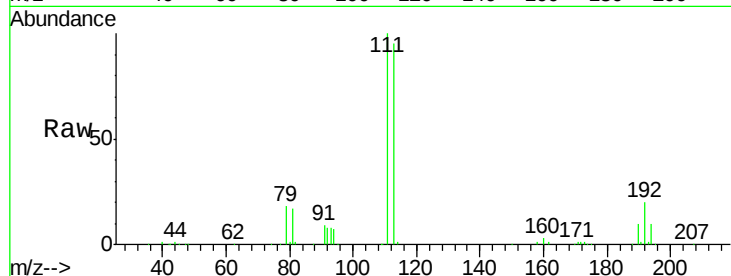




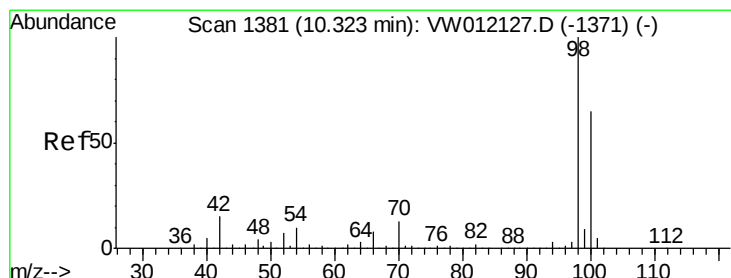
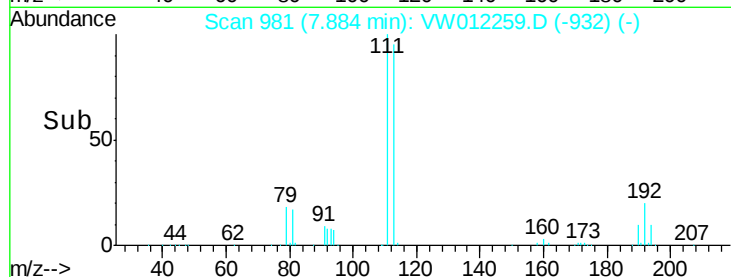
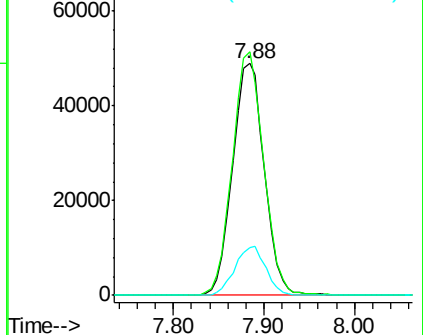
#35
 Dibromofluoromethane
 Concen: 50.747 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012259.D
 Acq: 28 Aug 2019 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 S404-K1-1.0-1.5-082619RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.6	16.2	24.2

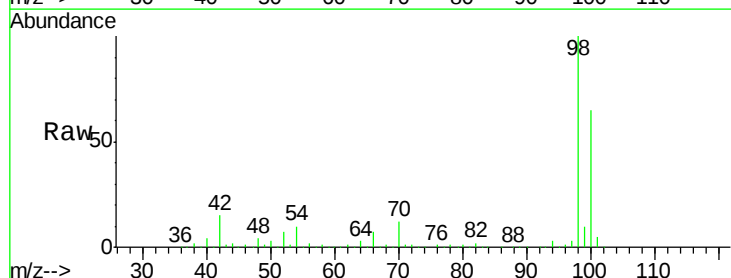


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

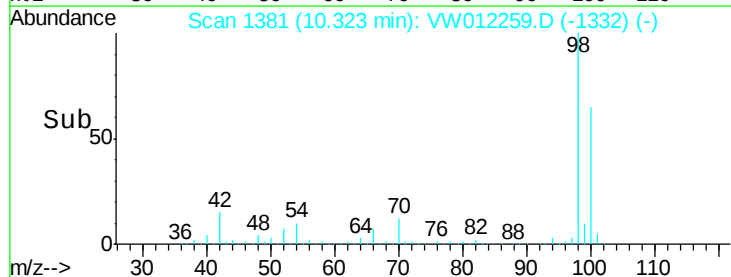
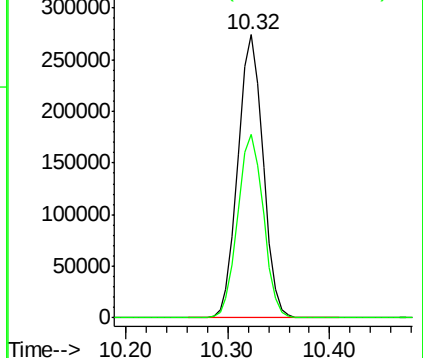


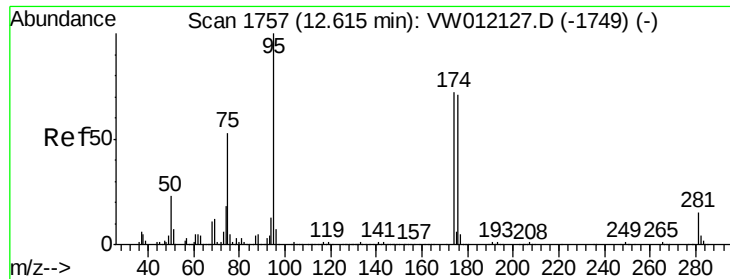
#50
 Toluene-d8
 Concen: 49.250 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012259.D
 Acq: 28 Aug 2019 17:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

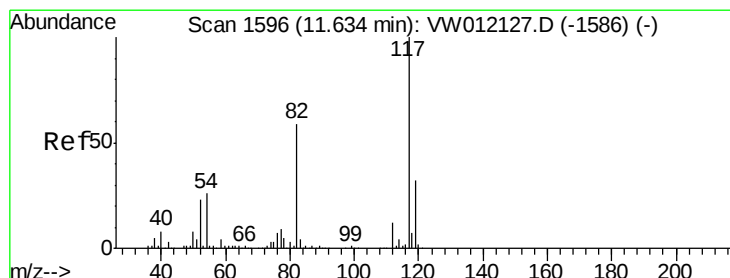
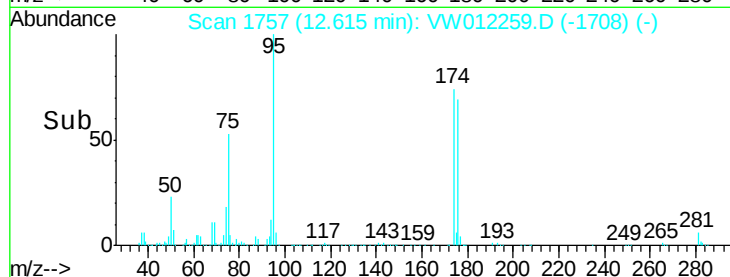
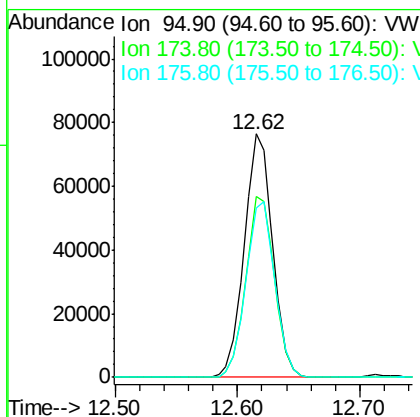
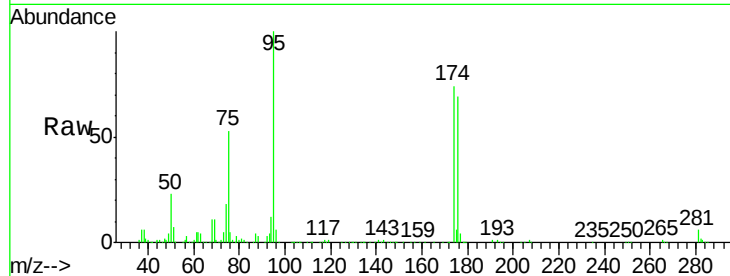




#62
4-Bromofluorobenzene
Concen: 36.758 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012259.D
Acq: 28 Aug 2019 17:24

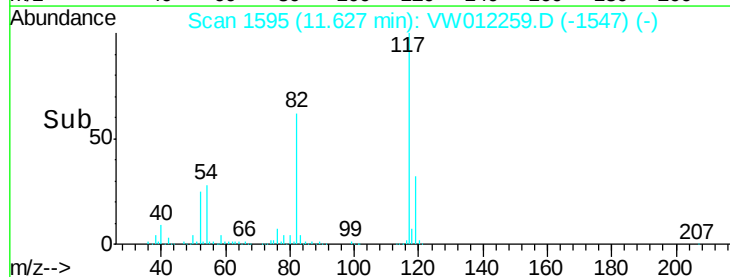
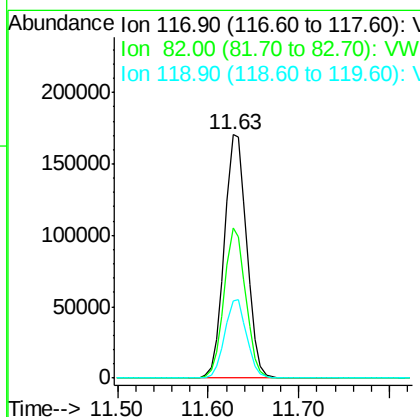
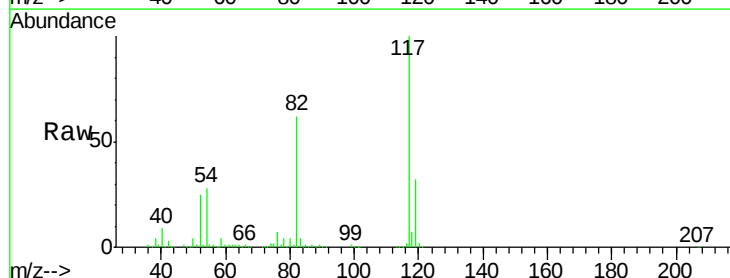
Instrument :
MSVOA_W
ClientSampleId :
S404-K1-1.0-1.5-082619RE

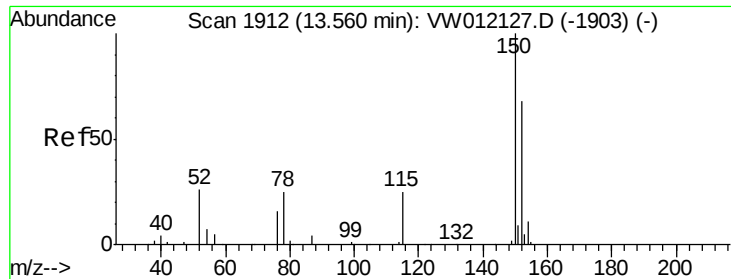
Tot Ion	95	Resp	122929
Ion Ratio	Lower	Upper	
95	100		
174	75.4	0.0	150.8
176	73.8	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012259.D
Acq: 28 Aug 2019 17:24

Tgt Ion	117	Resp	292153
Ion Ratio	Lower	Upper	
117	100		
82	61.9	47.4	71.2
119	31.5	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: VW012259.D

Acq: 28 Aug 2019 17:24

Instrument :

MSVOA_W

ClientSampleId :

S404-K1-1.0-1.5-082619RE

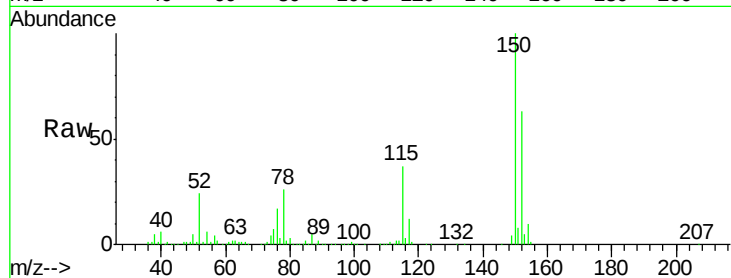
Tot Ion:152 Resp: 84993

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 158.3 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

