

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012368.D
 Acq On : 31 Aug 2019 00:20
 Operator : SY/VA
 Sample : K4090-17
 Misc : 5.81G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-082919

Quant Time: Aug 31 04:41:24 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

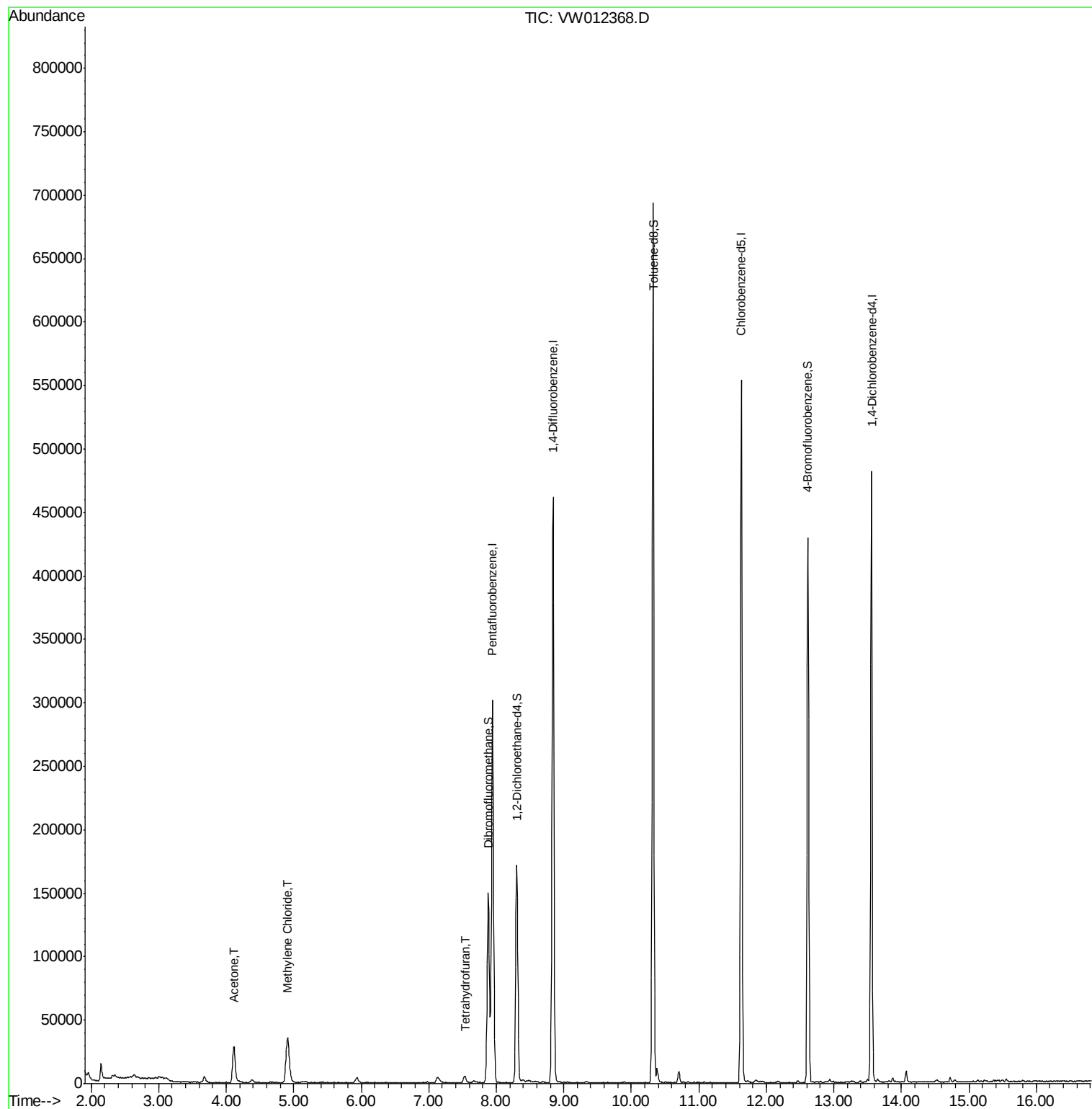
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139108	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.88	113	108293	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	10.32	98	430870	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.62	95	139138	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
16) Acetone	4.12	43	52235	80.282	ug/l	99
20) Methylene Chloride	4.92	84	26375	10.723	ug/l	98
29) Tetrahydrofuran	7.54	42	4863	9.168	ug/l	96

(#) = 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: VW012368.D

Acq: 31 Aug 2019 00:20

Instrument :

MSVOA_W

ClientSampleId :

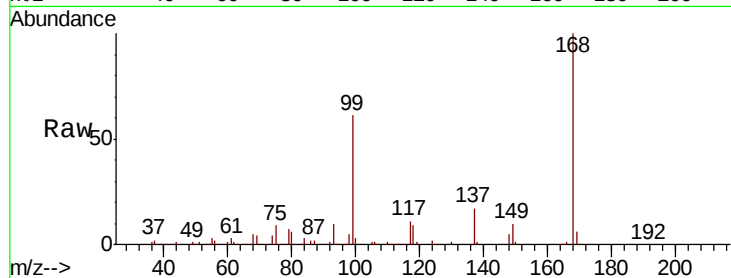
OR-02-082919

Tot Ion:168 Resp: 214119

Ion Ratio Lower Upper

168 100

99 61.1 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

100000

80000

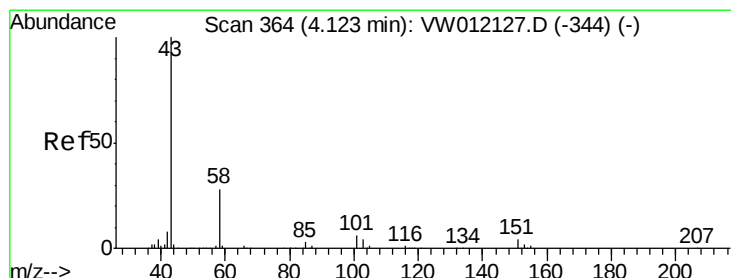
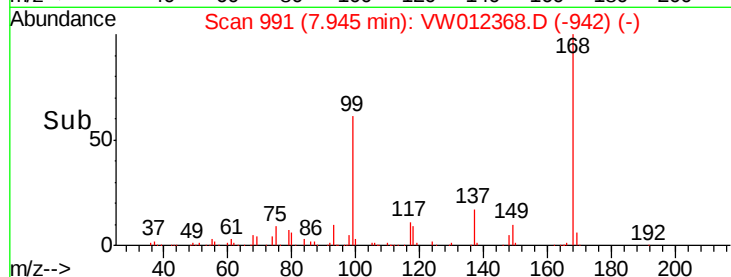
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 80.282 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012368.D

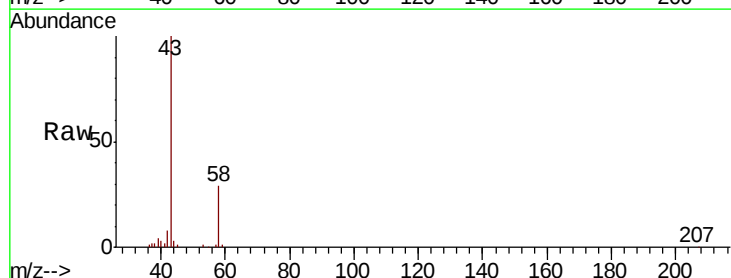
Acq: 31 Aug 2019 00:20

Tgt Ion: 43 Resp: 52235

Ion Ratio Lower Upper

43 100

58 28.6 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

20000

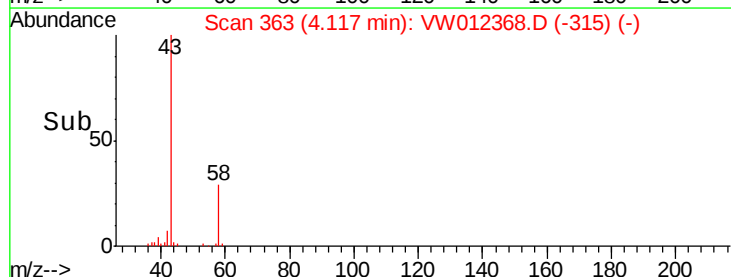
15000

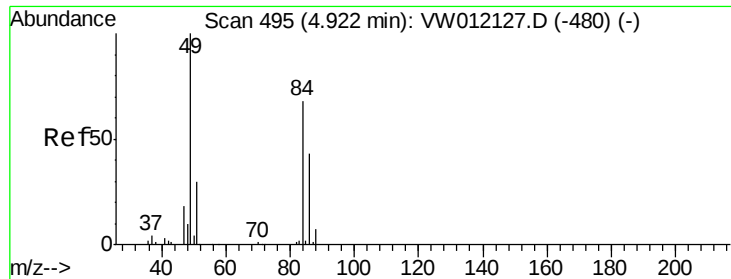
10000

5000

0

Time--> 3.90 4.00 4.10 4.20 4.30

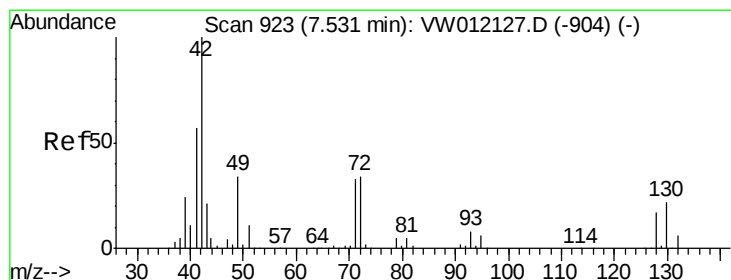
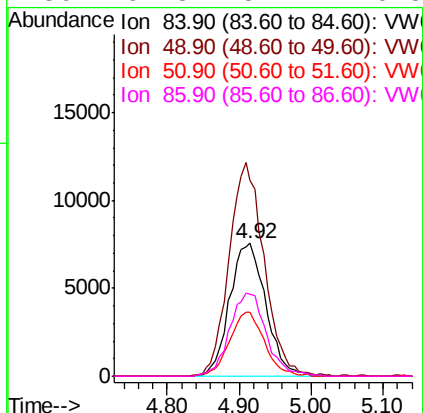
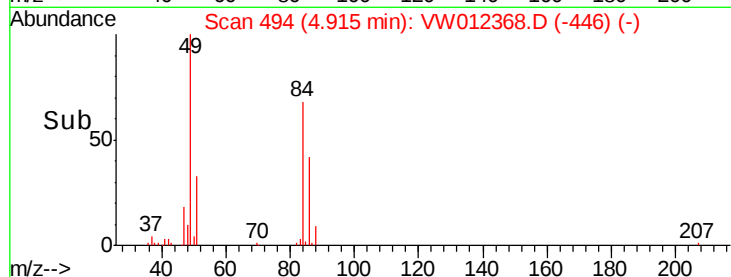
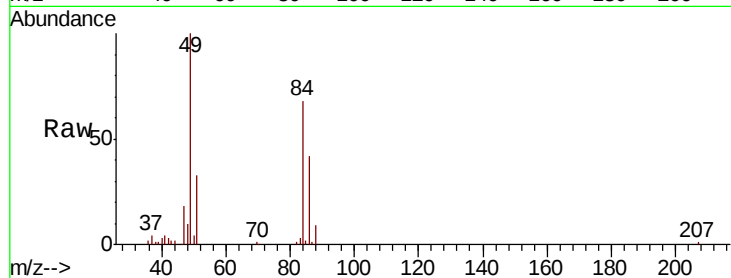




#20
Methylene Chloride
Concen: 10.723 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012368.D
Acq: 31 Aug 2019 00:20

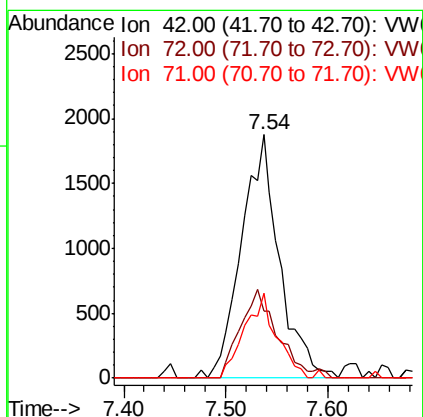
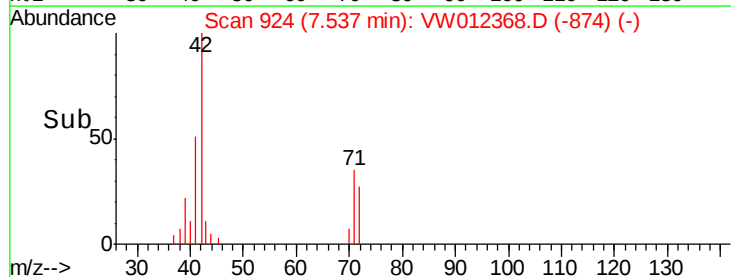
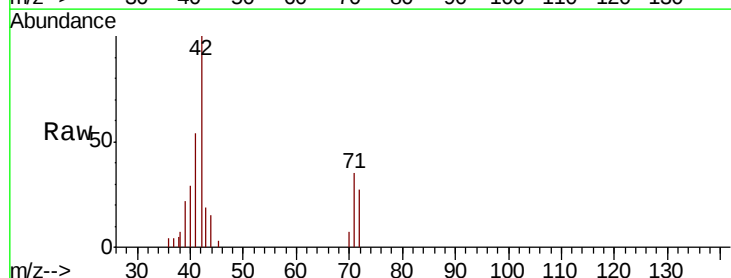
Instrument :
MSVOA_W
ClientSampleId :
OR-02-082919

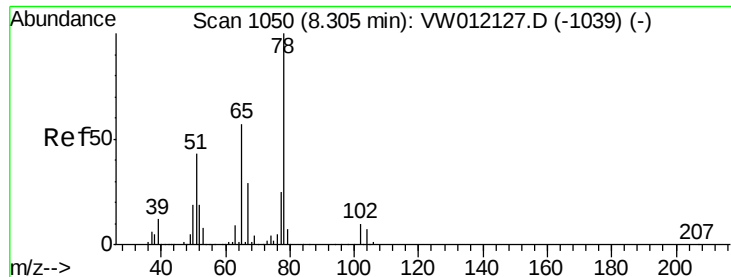
Tot Ion:	84	Resp:	26375
Ion	Ratio	Lower	Upper
84	100		
49	147.5	117.8	176.8
51	48.6	35.6	53.4
86	61.3	51.2	76.8



#29
Tetrahydrofuran
Concen: 9.168 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012368.D
Acq: 31 Aug 2019 00:20

Tgt Ion:	42	Resp:	4863
Ion	Ratio	Lower	Upper
42	100		
72	36.1	27.3	40.9
71	29.3	25.5	38.3

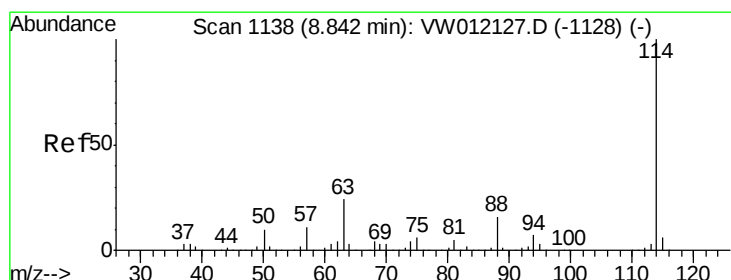
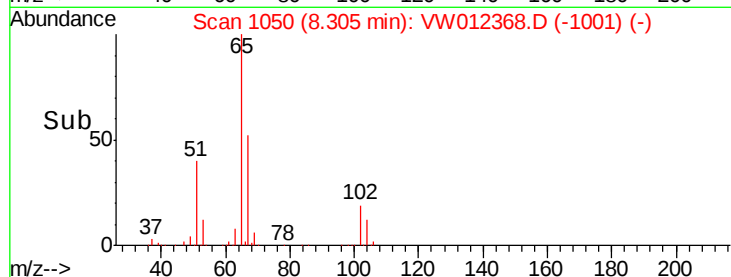
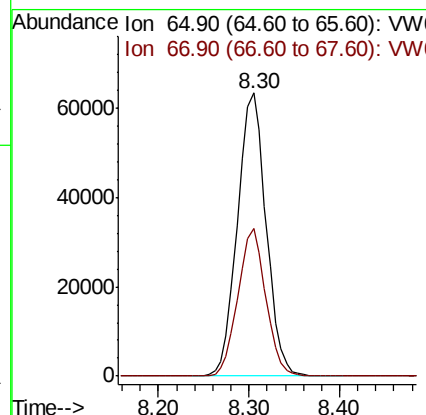
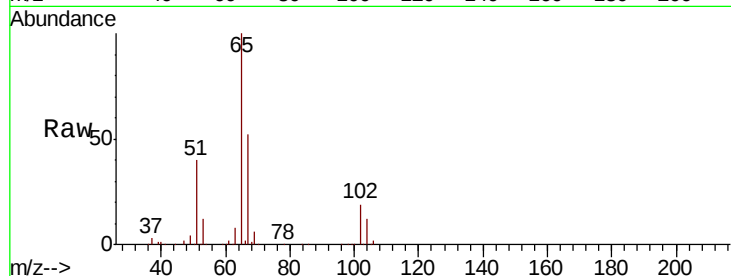




#33
 1,2-Dichloroethane-d4
 Concen: 54.652 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012368.D
 Acq: 31 Aug 2019 00:20

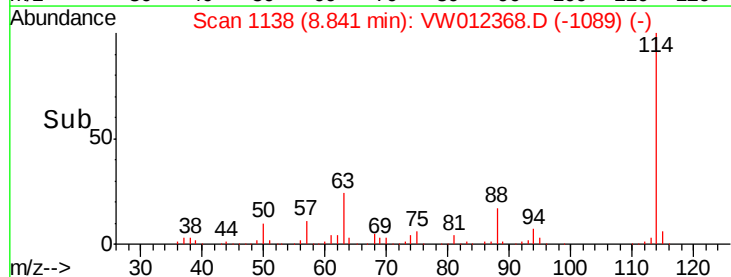
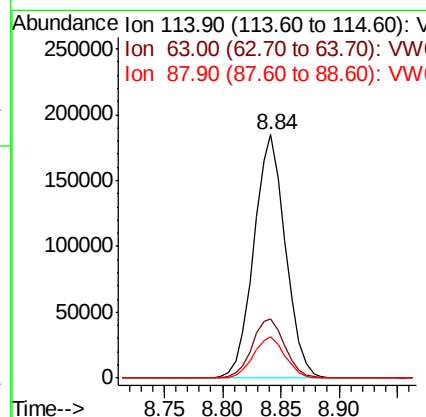
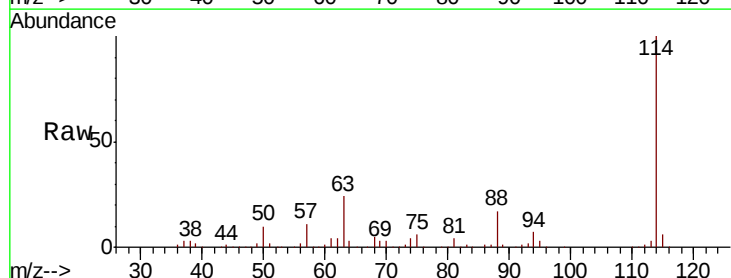
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-082919

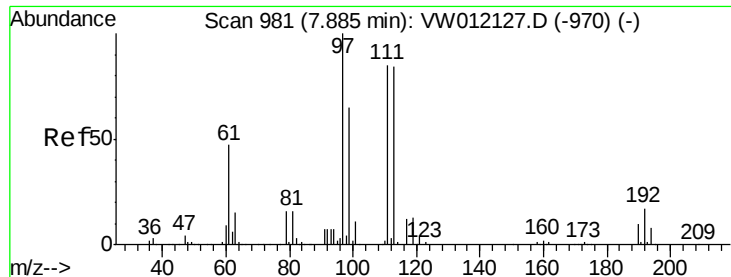
Tot Ion: 65 Resp: 139108
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012368.D
 Acq: 31 Aug 2019 00:20

Tgt Ion: 114 Resp: 350497
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 17.1 0.0 32.2

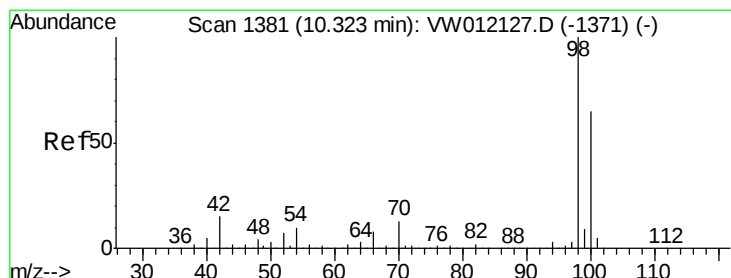
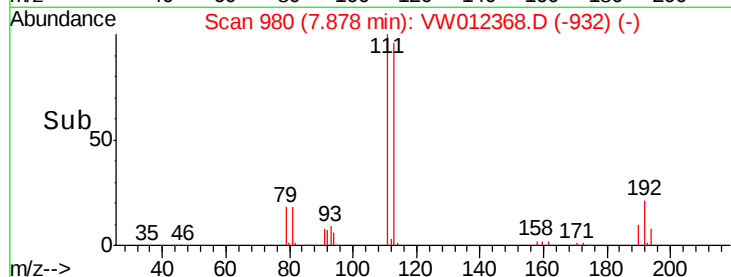
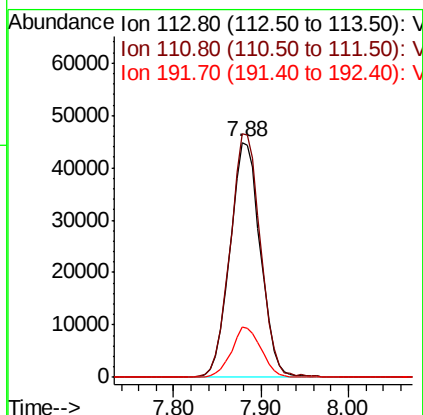
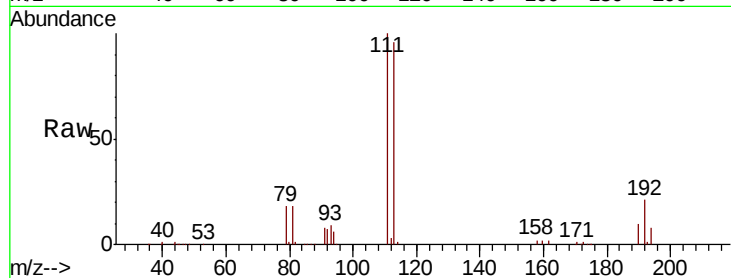




#35
 Dibromofluoromethane
 Concen: 51.762 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012368.D
 Acq: 31 Aug 2019 00:20

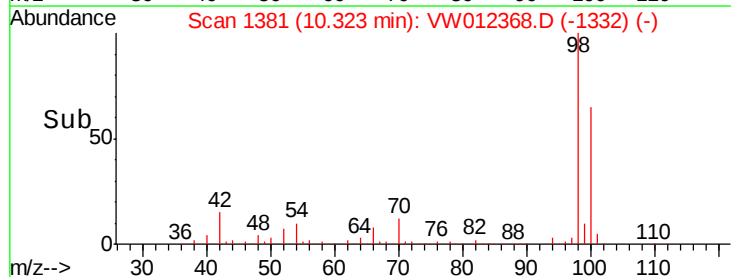
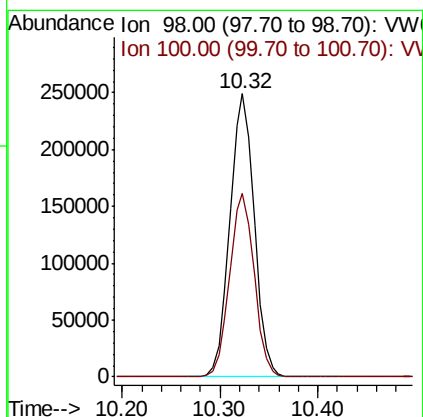
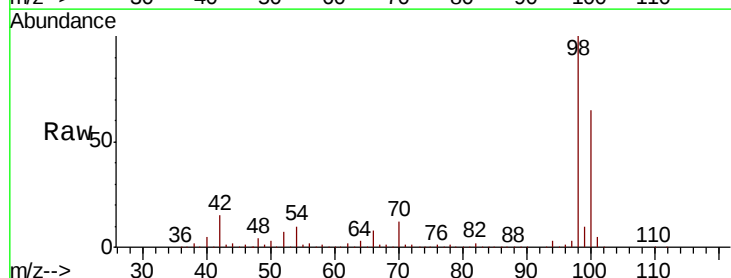
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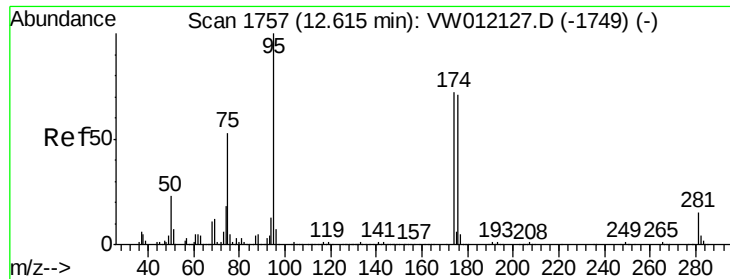
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.8	16.2	24.2



#50
 Toluene-d8
 Concen: 50.792 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012368.D
 Acq: 31 Aug 2019 00:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

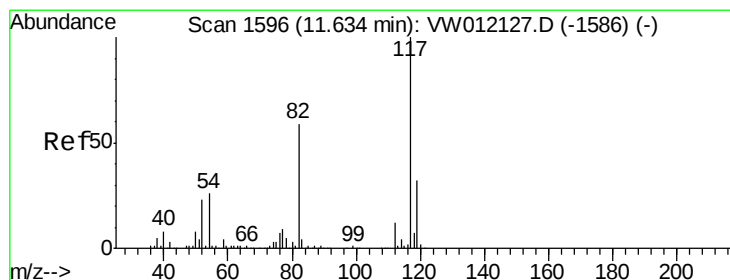
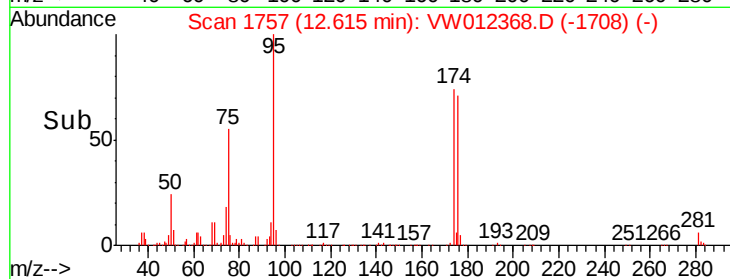
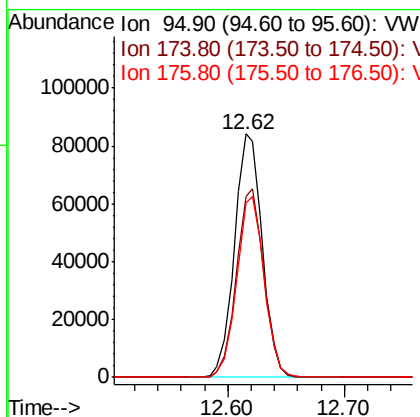
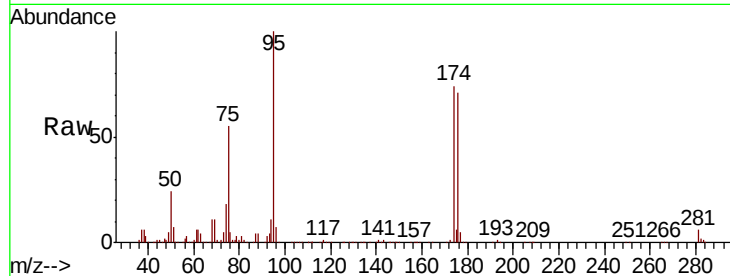




#62
4-Bromofluorobenzene
Concen: 46.531 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012368.D
Acq: 31 Aug 2019 00:20

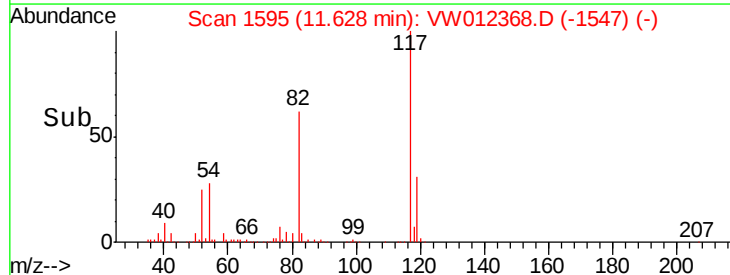
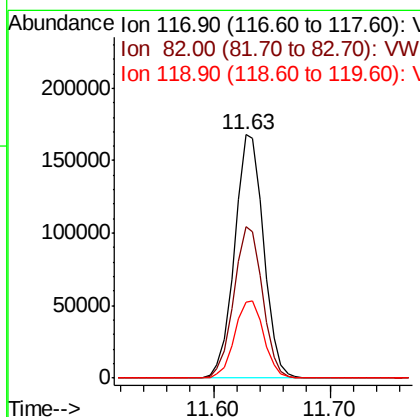
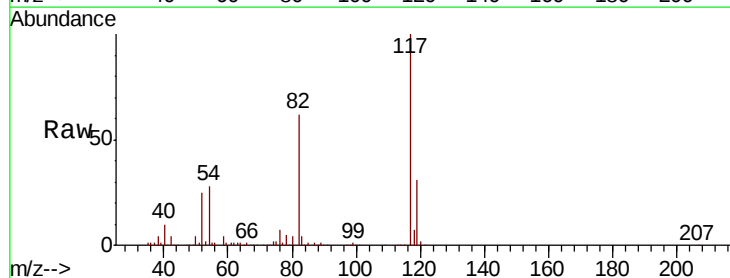
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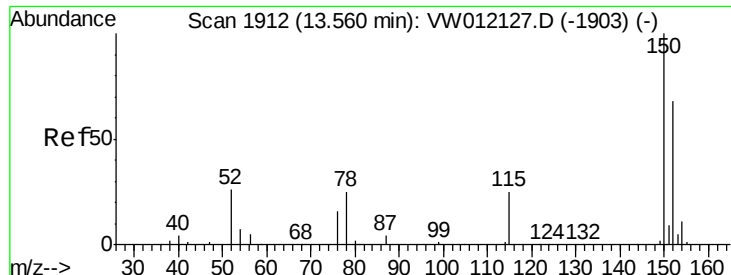
Tot Ion: 95 Resp: 139138
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.8
176 73.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012368.D
Acq: 31 Aug 2019 00:20

Tgt Ion: 117 Resp: 291258
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.3 25.4 38.2

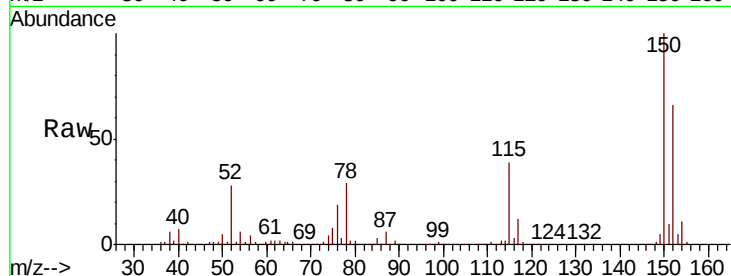




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012368.D
 Acq: 31 Aug 2019 00:20

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-082919

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.3
150	156.9	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

