

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW013997.D
 Acq On : 13 Nov 2019 11:04
 Operator : SY/VA
 Sample : K5786-02
 Misc : 7.06G/5.0ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OIL-CONTAMINATED-SAMPLE

Quant Time: Nov 14 07:27:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

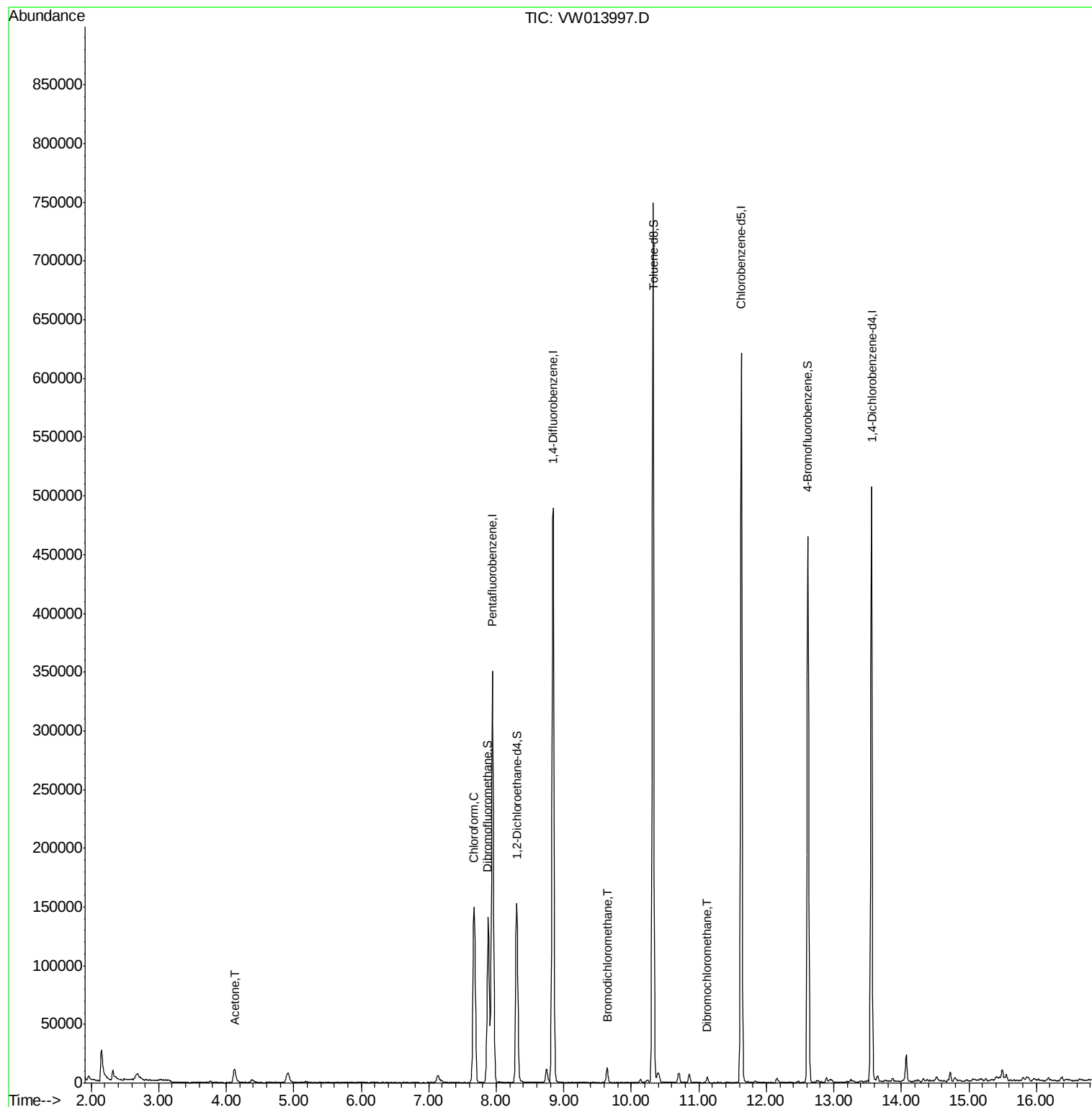
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	442391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122018	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	7.88	113	102270	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
50) Toluene-d8	10.32	98	510341	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.62	95	151741	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
16) Acetone	4.12	43	21453	47.951	ug/l	94
30) Chloroform	7.68	83	151669	34.238	ug/l	99
47) Bromodichloromethane	9.65	83	9223	2.637	ug/l #	94
60) Dibromochloromethane	11.13	129	2968	1.241	ug/l	89

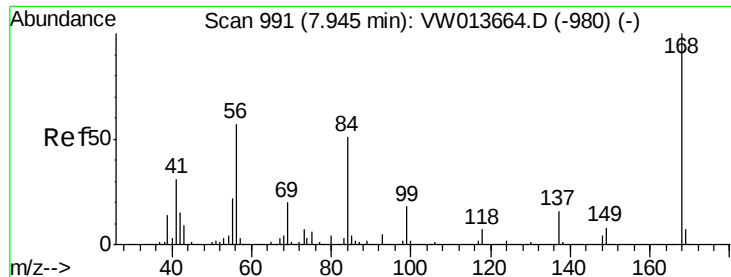
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013997.D

Acq: 13 Nov 2019 11:04

Instrument :

MSVOA_W

ClientSampleId :

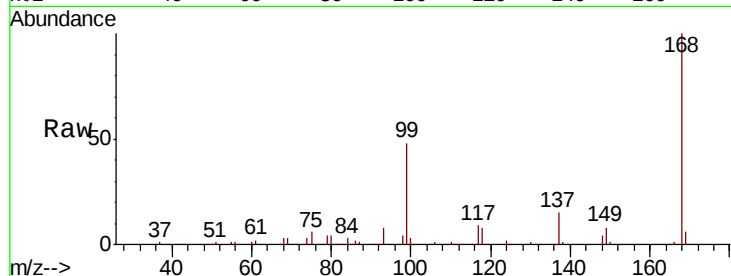
OIL-CONTAMINATED-SAMPLE

Tot Ion:168 Resp: 281279

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

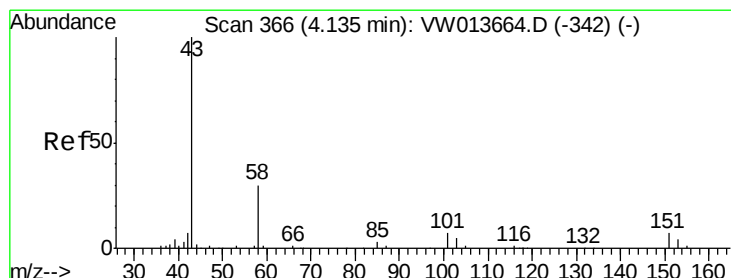
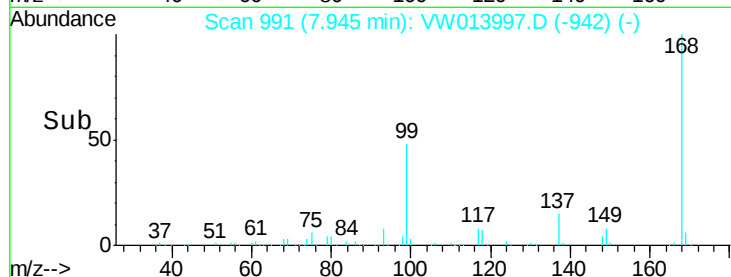
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 47.951 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013997.D

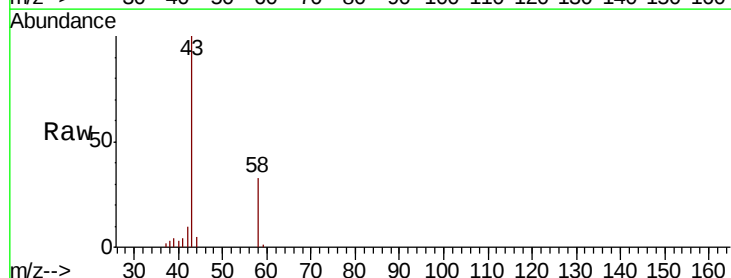
Acq: 13 Nov 2019 11:04

Tgt Ion: 43 Resp: 21453

Ion Ratio Lower Upper

43 100

58 33.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

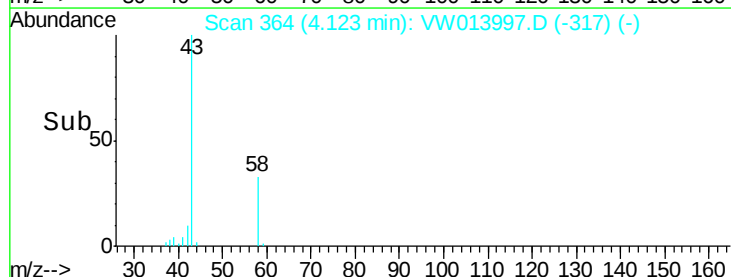
6000

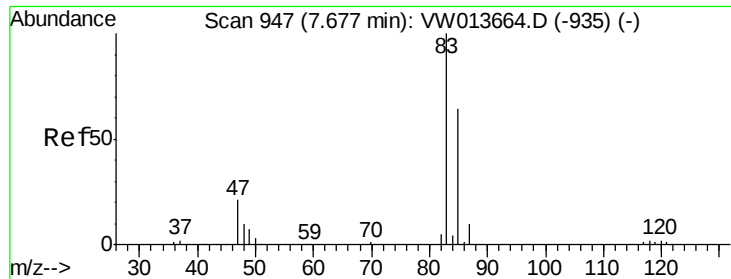
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2000

0

Time-->

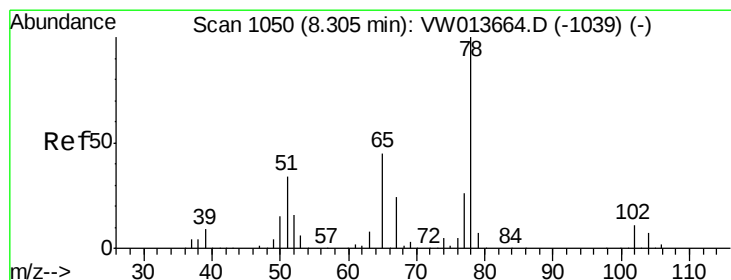
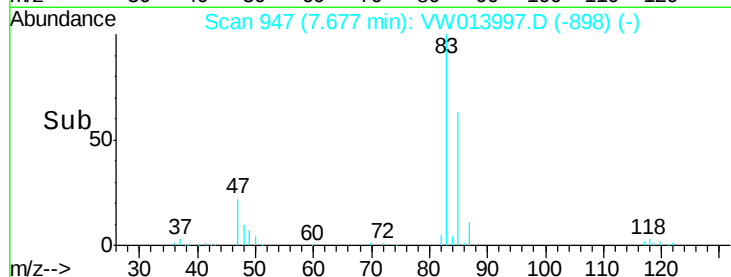
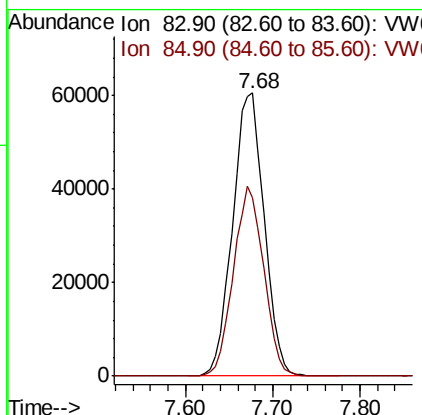
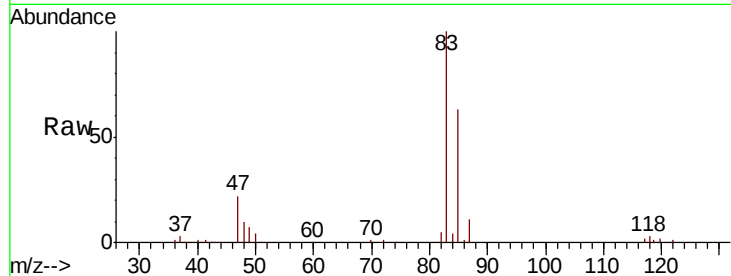




#30
Chloroform
Concen: 34.238 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013997.D
Acq: 13 Nov 2019 11:04

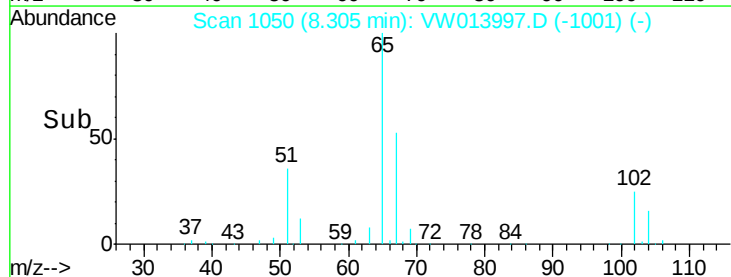
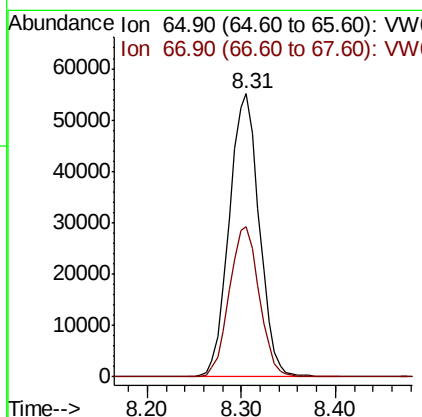
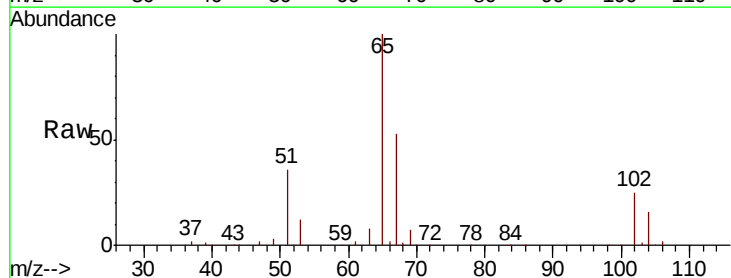
Instrument :
MSVOA_W
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

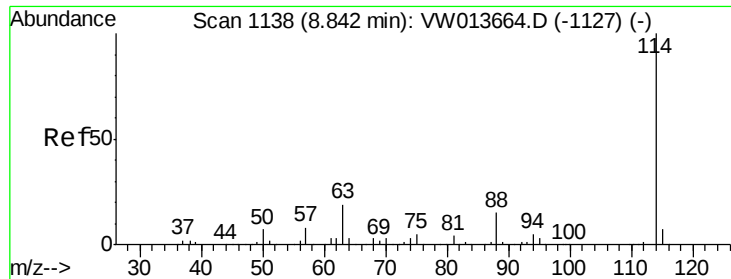
Tot Ion: 83 Resp: 151669
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 57.827 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013997.D
Acq: 13 Nov 2019 11:04

Tgt Ion: 65 Resp: 122018
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.4

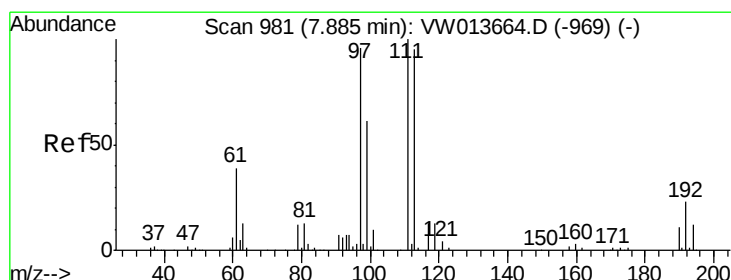
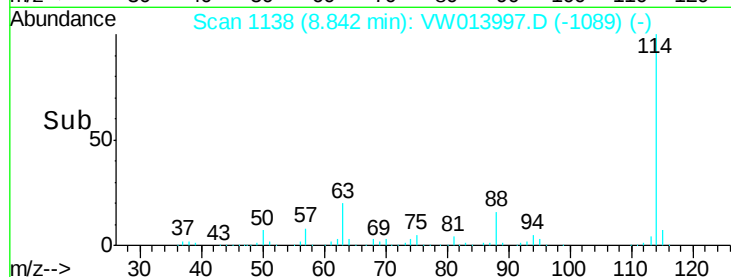
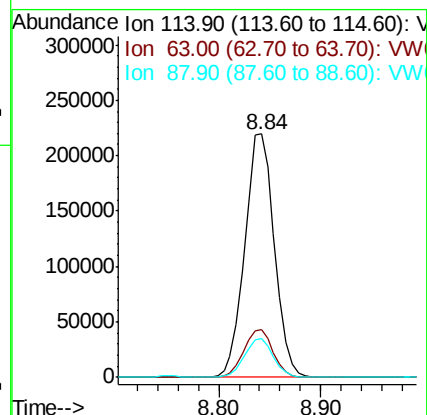
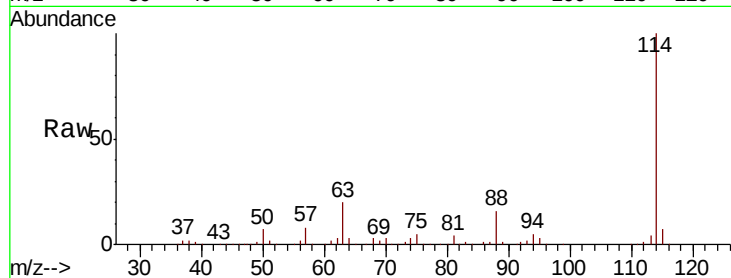




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013997.D
 Acq: 13 Nov 2019 11:04

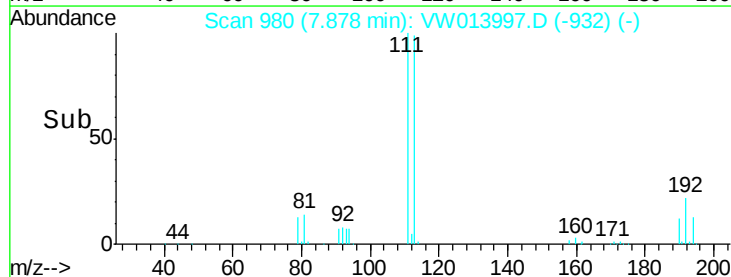
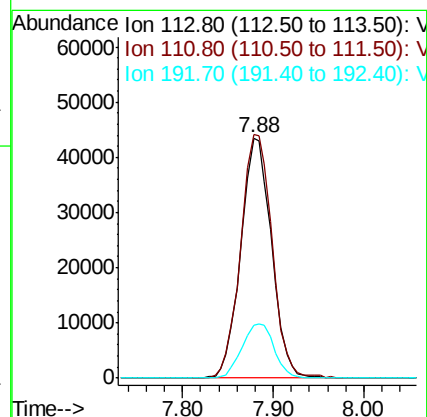
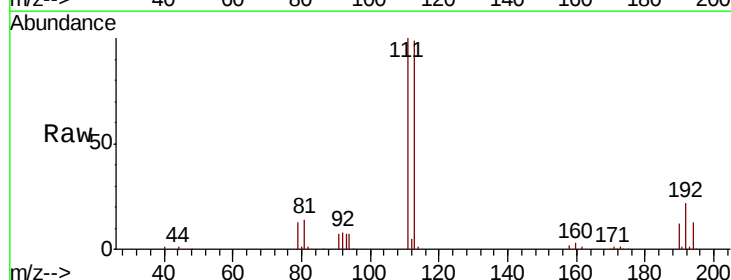
Instrument :
 MSVOA_W
 ClientSampleId :
 OIL-CONTAMINATED-SAMPLE

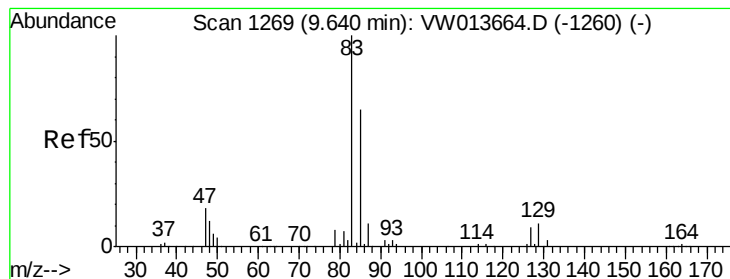
Tot Ion:114 Resp: 442391
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.6
 88 16.0 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 41.604 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013997.D
 Acq: 13 Nov 2019 11:04

Tgt Ion:113 Resp: 102270
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.6
 192 23.7 19.4 29.2





#47

Bromodichloromethane

Concen: 2.637 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013997.D

Acq: 13 Nov 2019 11:04

Instrument :

MSVOA_W

ClientSampleId :

OIL-CONTAMINATED-SAMPLE

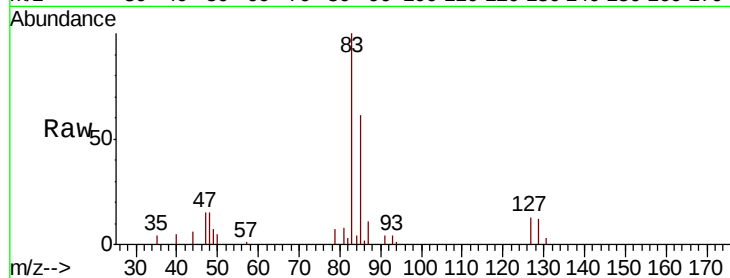
Tot Ion: 83 Resp: 9223

Ion Ratio Lower Upper

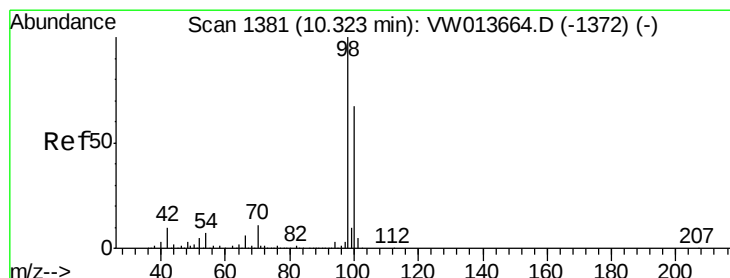
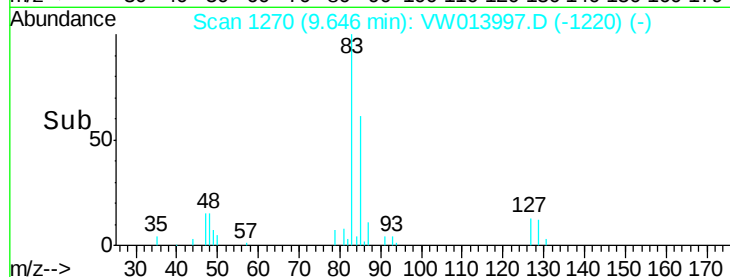
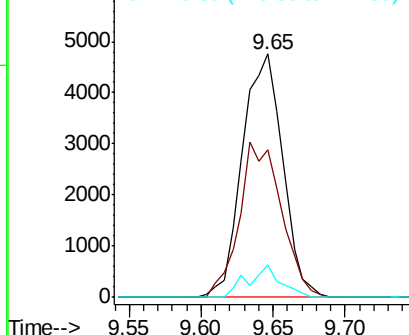
83 100

85 60.7 51.8 77.6

127 13.1 7.3 10.9#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 50.950 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013997.D

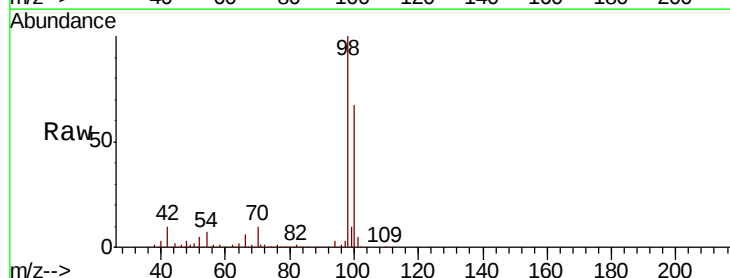
Acq: 13 Nov 2019 11:04

Tgt Ion: 98 Resp: 510341

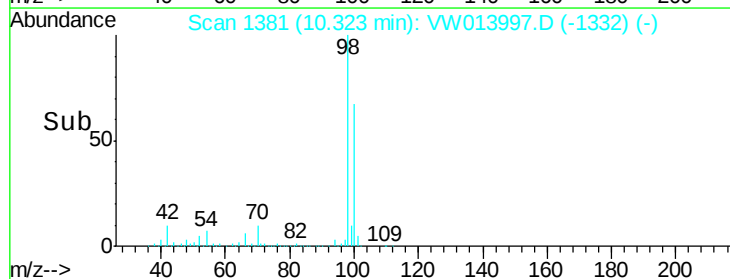
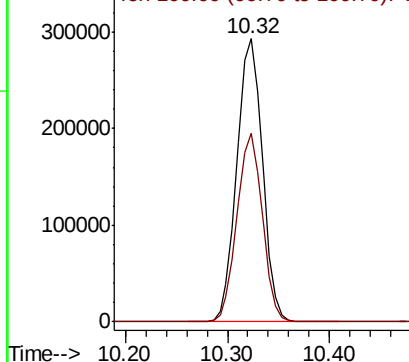
Ion Ratio Lower Upper

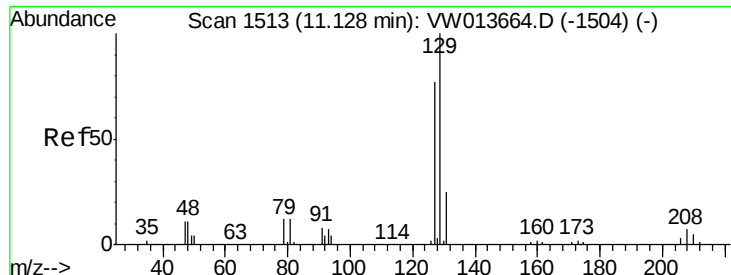
98 100

100 65.7 53.4 80.0



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





#60

Dibromochloromethane

Concen: 1.241 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW013997.D

Acq: 13 Nov 2019 11:04

Instrument :

MSVOA_W

ClientSampleId :

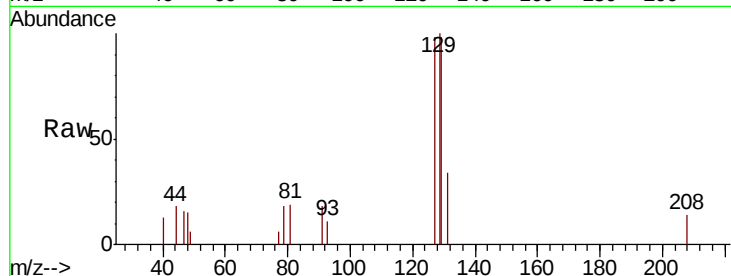
OIL-CONTAMINATED-SAMPLE

Tot Ion:129 Resp: 2968

Ion Ratio Lower Upper

129 100

127 68.6 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

2500

2000

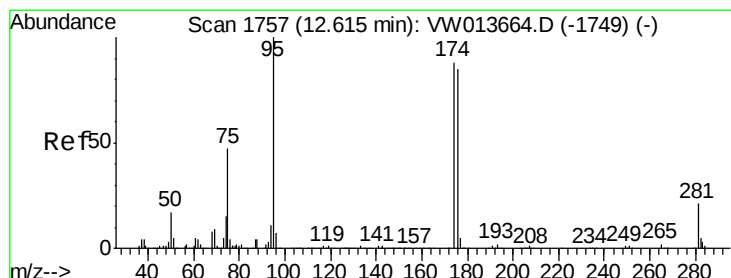
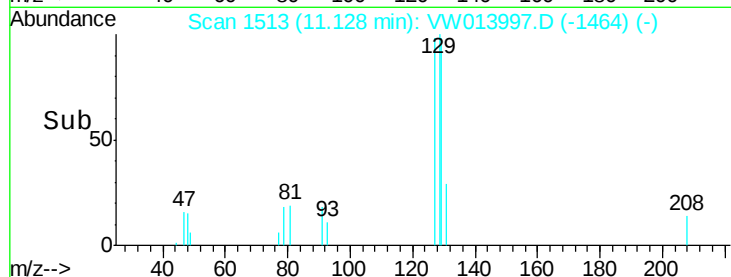
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.740 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013997.D

Acq: 13 Nov 2019 11:04

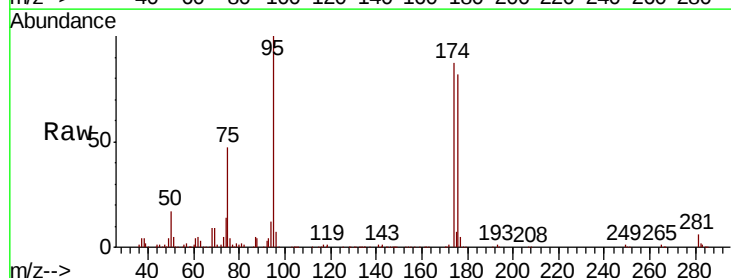
Tgt Ion: 95 Resp: 151741

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.6

176 86.9 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

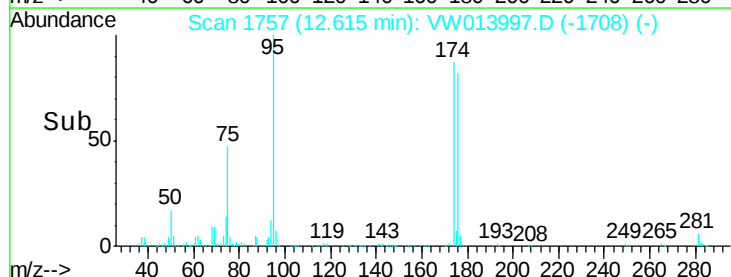
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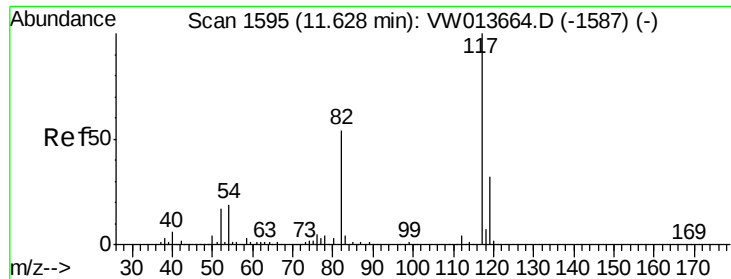
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20000

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Time-->

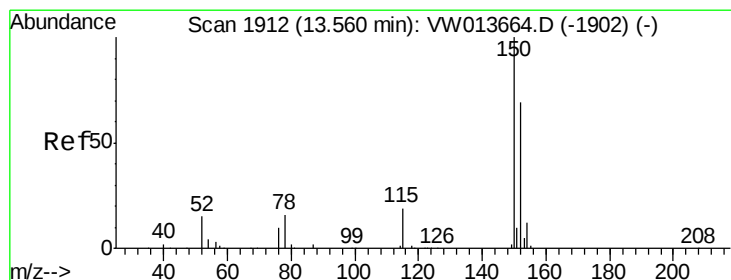
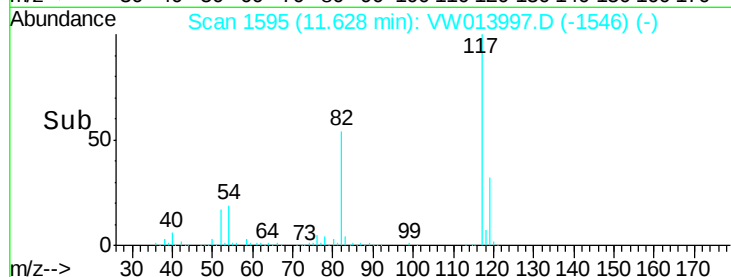
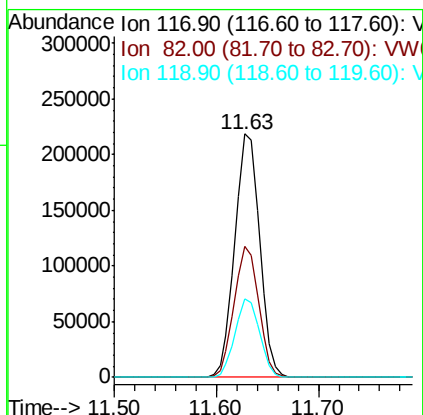
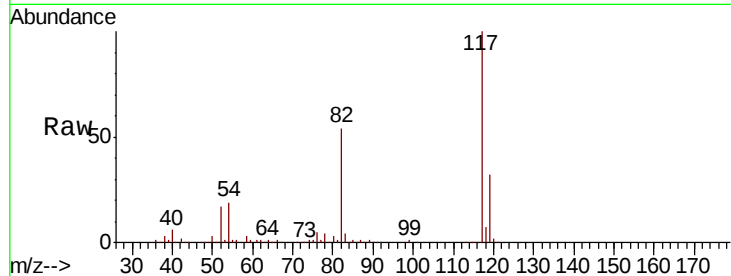




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013997.D
Acq: 13 Nov 2019 11:04

Instrument :
MSVOA_W
ClientSampleId :
OIL-CONTAMINATED-SAMPLE

Tot Ion:117 Resp: 368104
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.0 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: VW013997.D
Acq: 13 Nov 2019 11:04

Tgt Ion:152 Resp: 146345
Ion Ratio Lower Upper
152 100
115 55.6 27.4 82.2
150 157.2 0.0 345.4

