

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012831.D
 Acq On : 09 Sep 2019 19:25
 Operator : SY/VA
 Sample : K4653-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 287

Quant Time: Sep 10 07:26:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

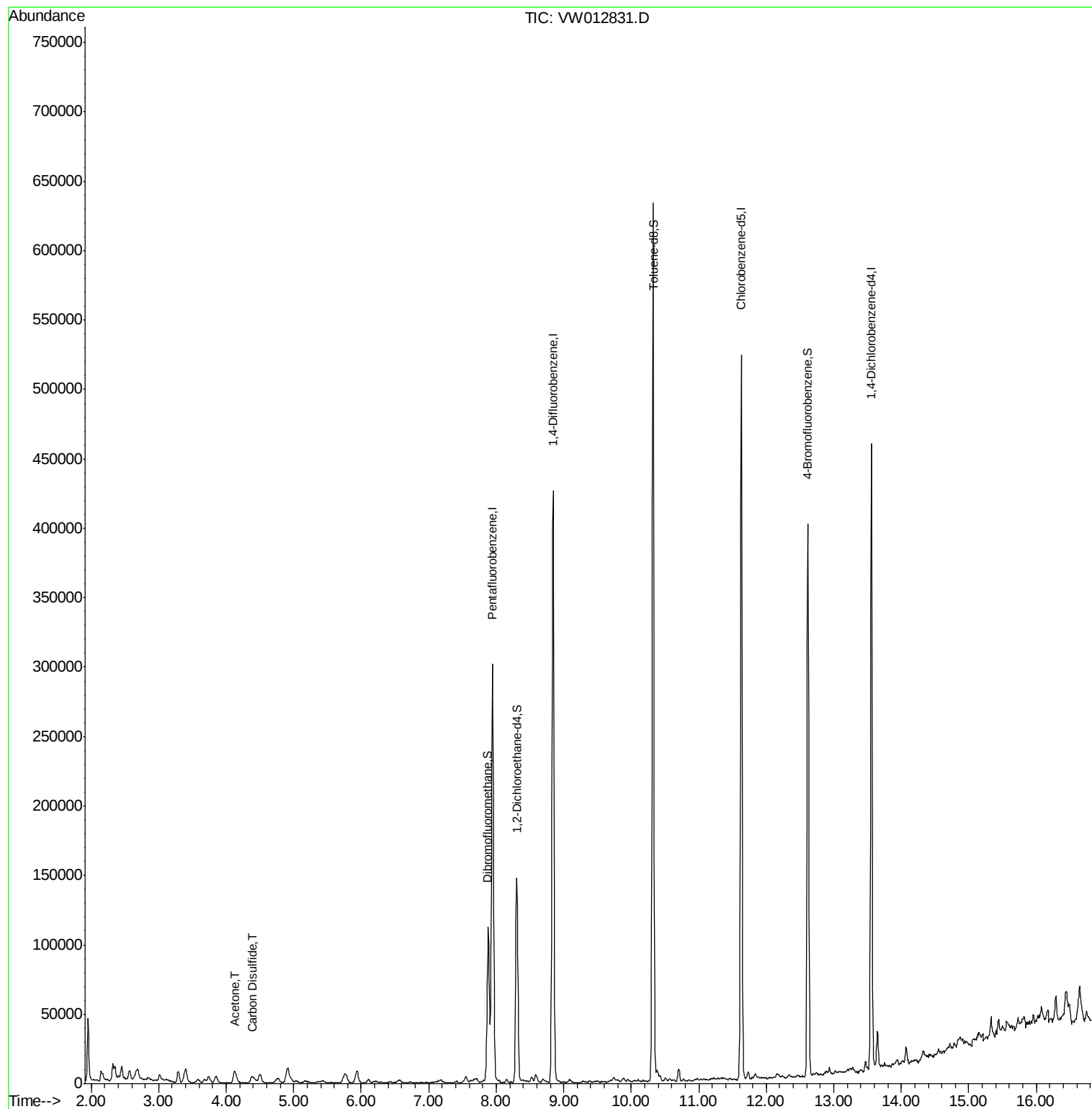
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	119497	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	7.88	113	81276	39.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.14%	
50) Toluene-d8	10.32	98	409874	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	129353	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
Target Compounds						
16) Acetone	4.12	43	13972	19.866	ug/l #	89
17) Carbon Disulfide	4.39	76	8225	2.032	ug/l	97

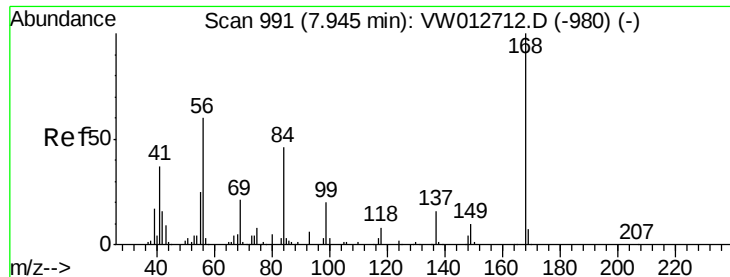
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 09 Sep 2019 19:25

Instrument :

MSVOA_W

ClientSampleId :

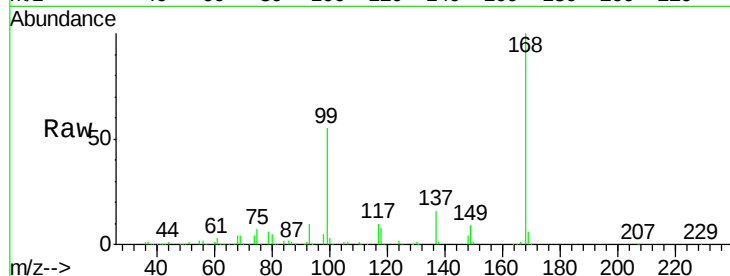
287

Tot Ion:168 Resp: 230891

Ion Ratio Lower Upper

168 100

99 55.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

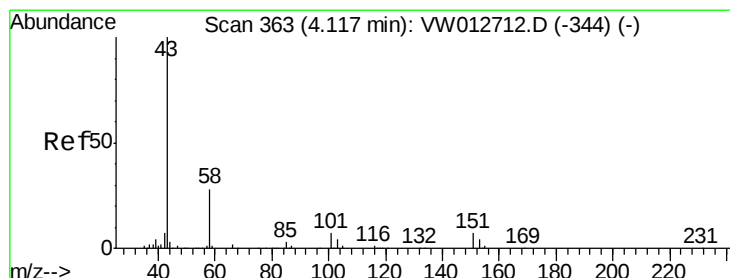
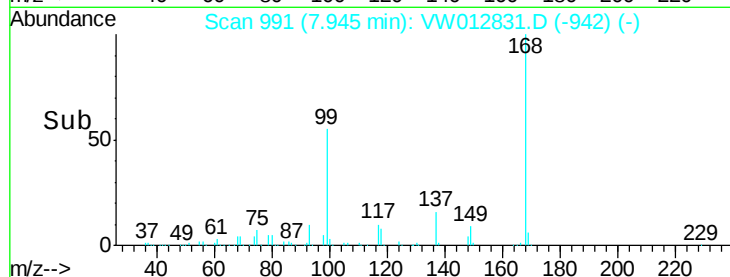
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 19.866 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012831.D

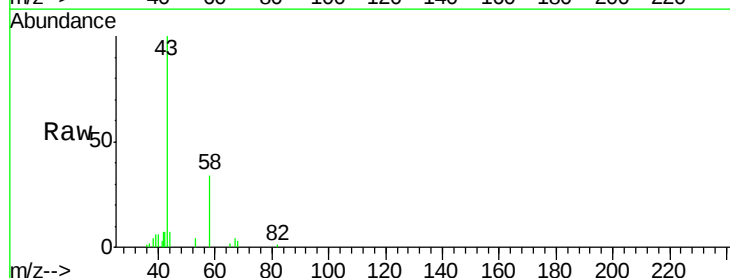
Acq: 09 Sep 2019 19:25

Tgt Ion: 43 Resp: 13972

Ion Ratio Lower Upper

43 100

58 34.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

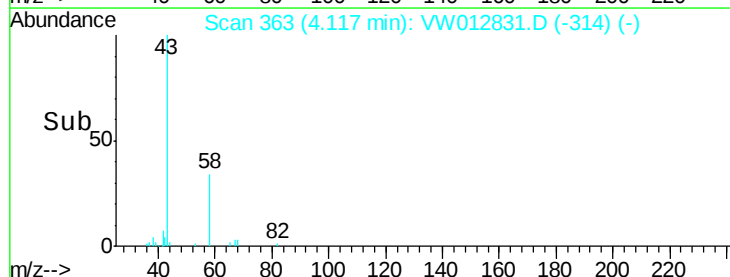
3000

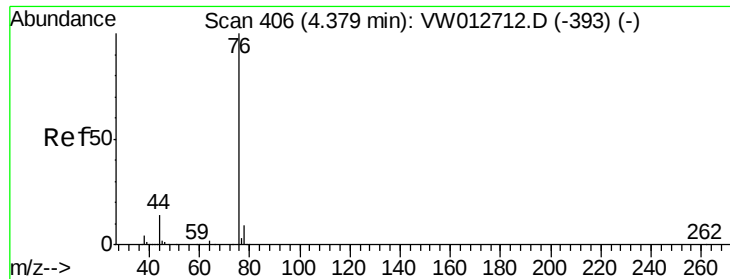
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

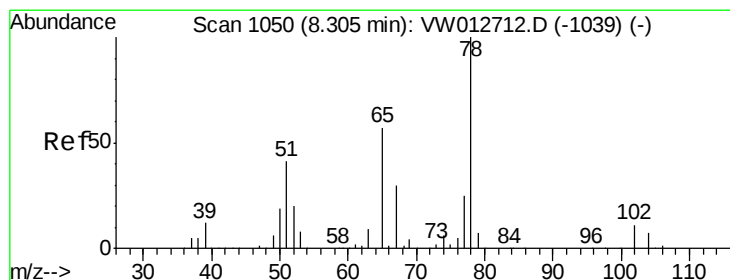
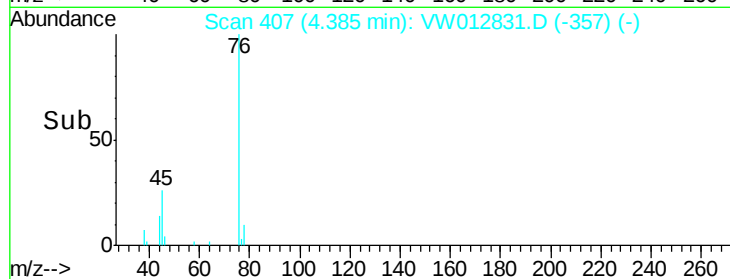
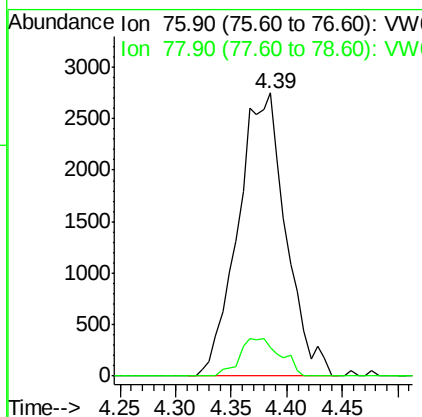
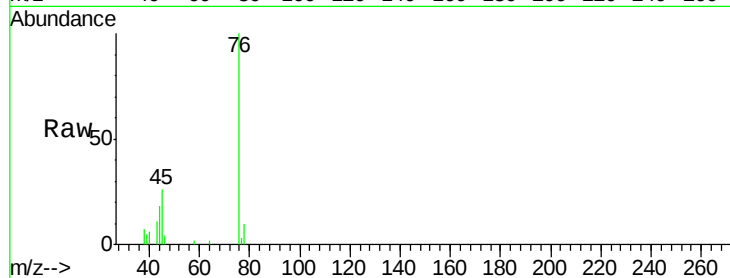




#17
Carbon Disulfide
Concen: 2.032 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW012831.D
Acq: 09 Sep 2019 19:25

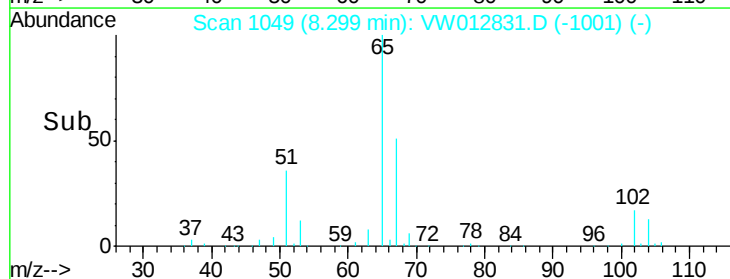
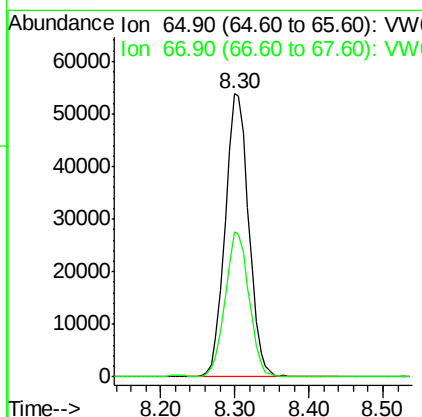
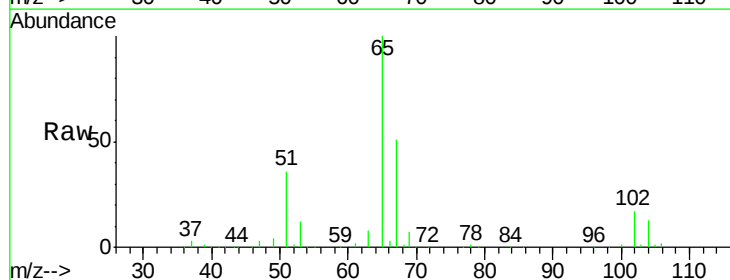
Instrument :
MSVOA_W
ClientSampleId :
287

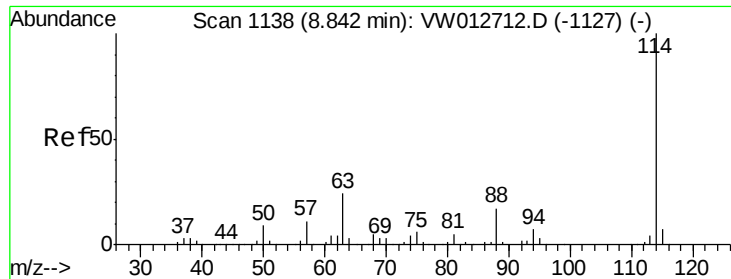
Tot Ion: 76 Resp: 8225
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 46.320 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012831.D
Acq: 09 Sep 2019 19:25

Tgt Ion: 65 Resp: 119497
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8

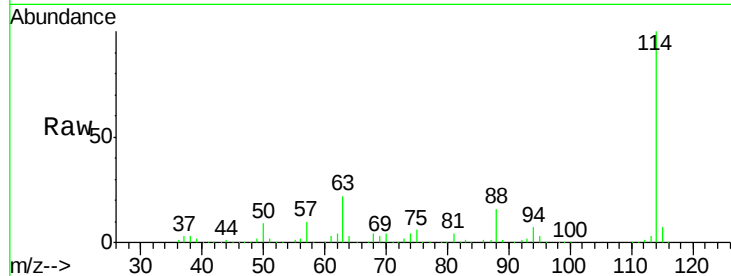




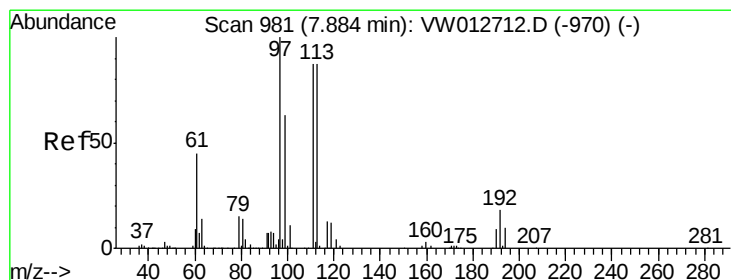
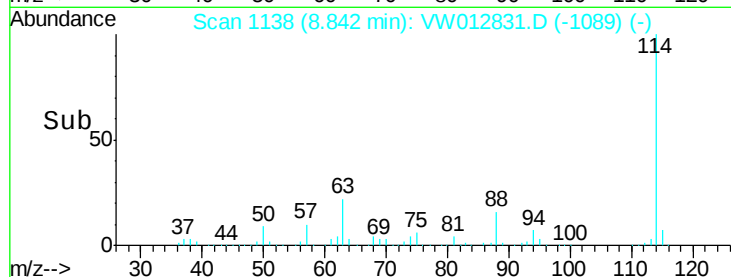
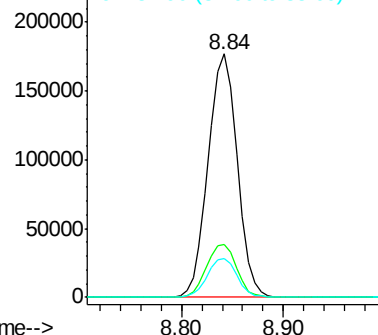
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012831.D
 Acq: 09 Sep 2019 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 287

Tot Ion:114 Resp: 349919
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 47.2
 88 16.0 0.0 34.0

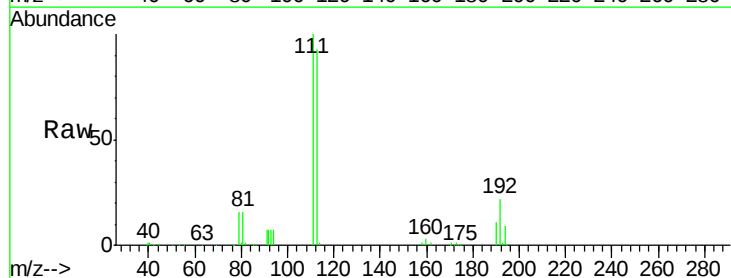


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

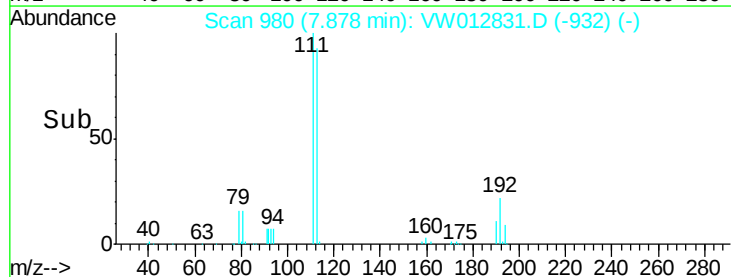
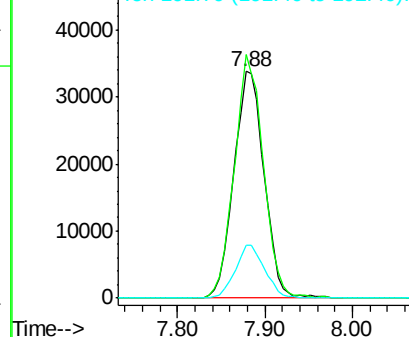


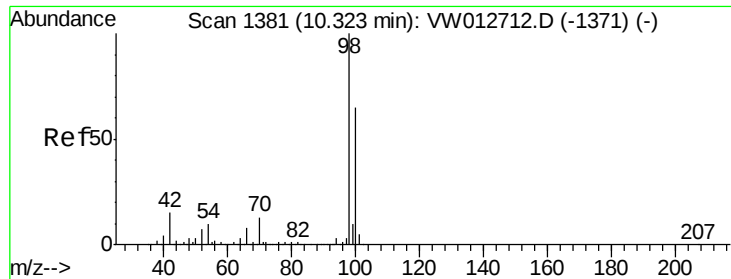
#35
 Dibromofluoromethane
 Concen: 39.068 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012831.D
 Acq: 09 Sep 2019 19:25

Tgt Ion:113 Resp: 81276
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.2 120.4
 192 22.6 17.3 25.9



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

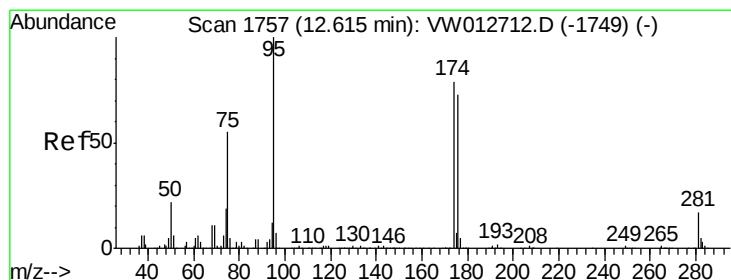
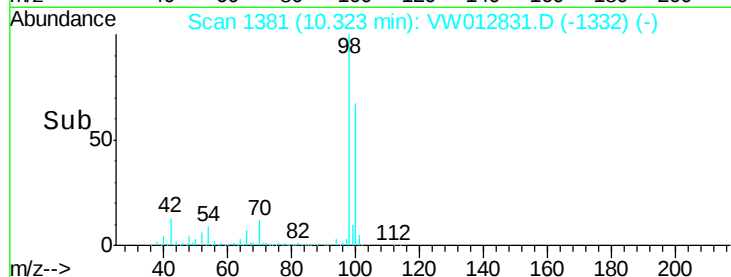
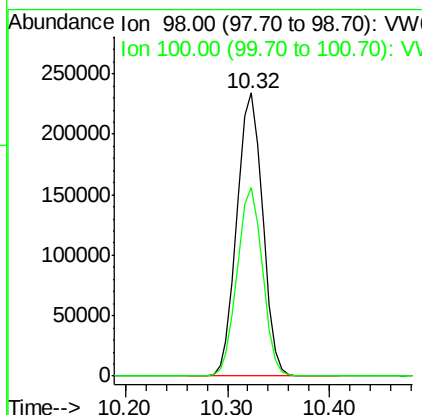
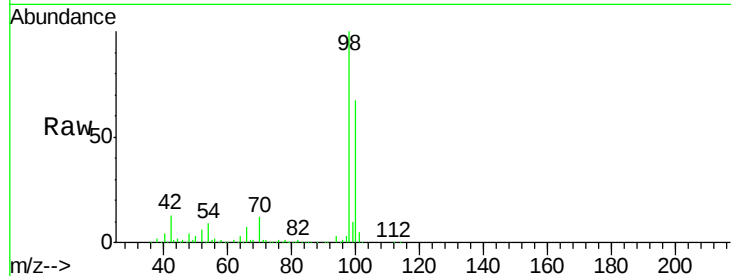




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012831.D
Acq: 09 Sep 2019 19:25

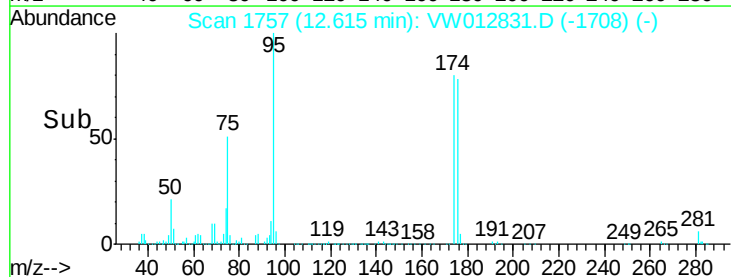
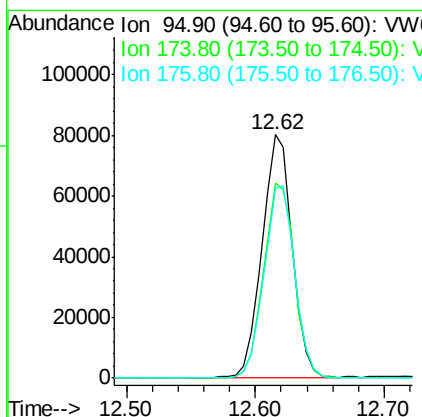
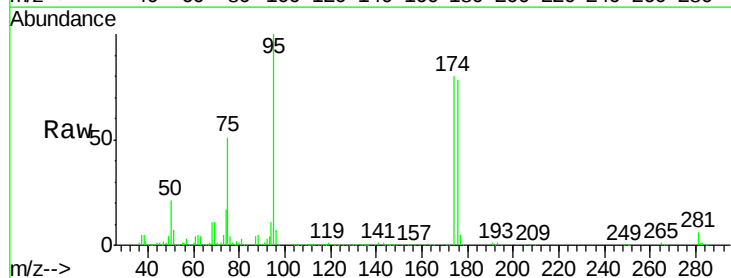
Instrument :
MSVOA_W
ClientSampleId :
287

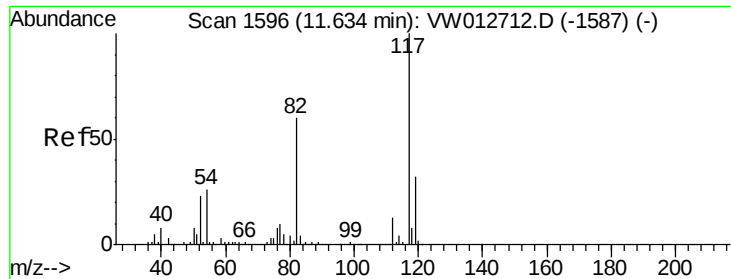
Tot Ion: 98 Resp: 409874
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.717 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012831.D
Acq: 09 Sep 2019 19:25

Tgt Ion: 95 Resp: 129353
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.0
176 81.2 0.0 156.4

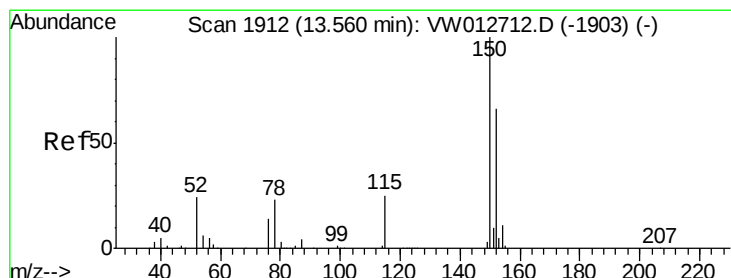
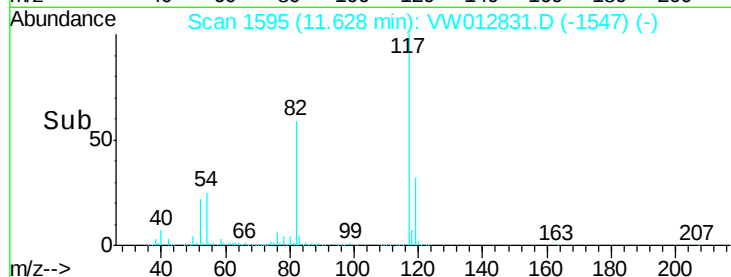
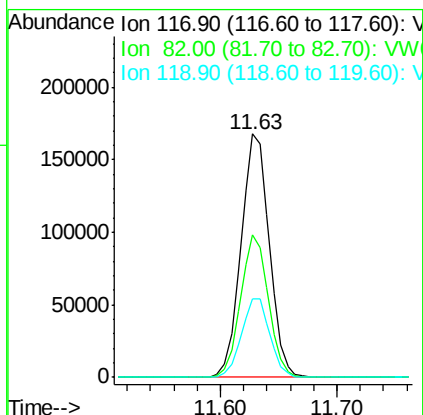
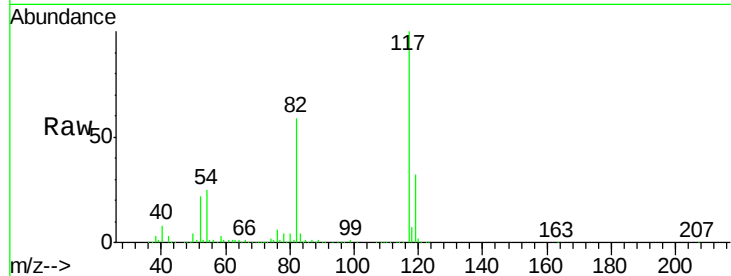




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012831.D
Acq: 09 Sep 2019 19:25

Instrument :
MSVOA_W
ClientSampleId :
287

Tot Ion:117 Resp: 284118
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012831.D
Acq: 09 Sep 2019 19:25

Tgt Ion:152 Resp: 118827
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 158.0 0.0 349.0

