

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008489.D
 Acq On : 01 Feb 2019 18:37
 Operator : SY/VA
 Sample : K1011-13
 Misc : 5.15G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-013119-A

Quant Time: Feb 02 03:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

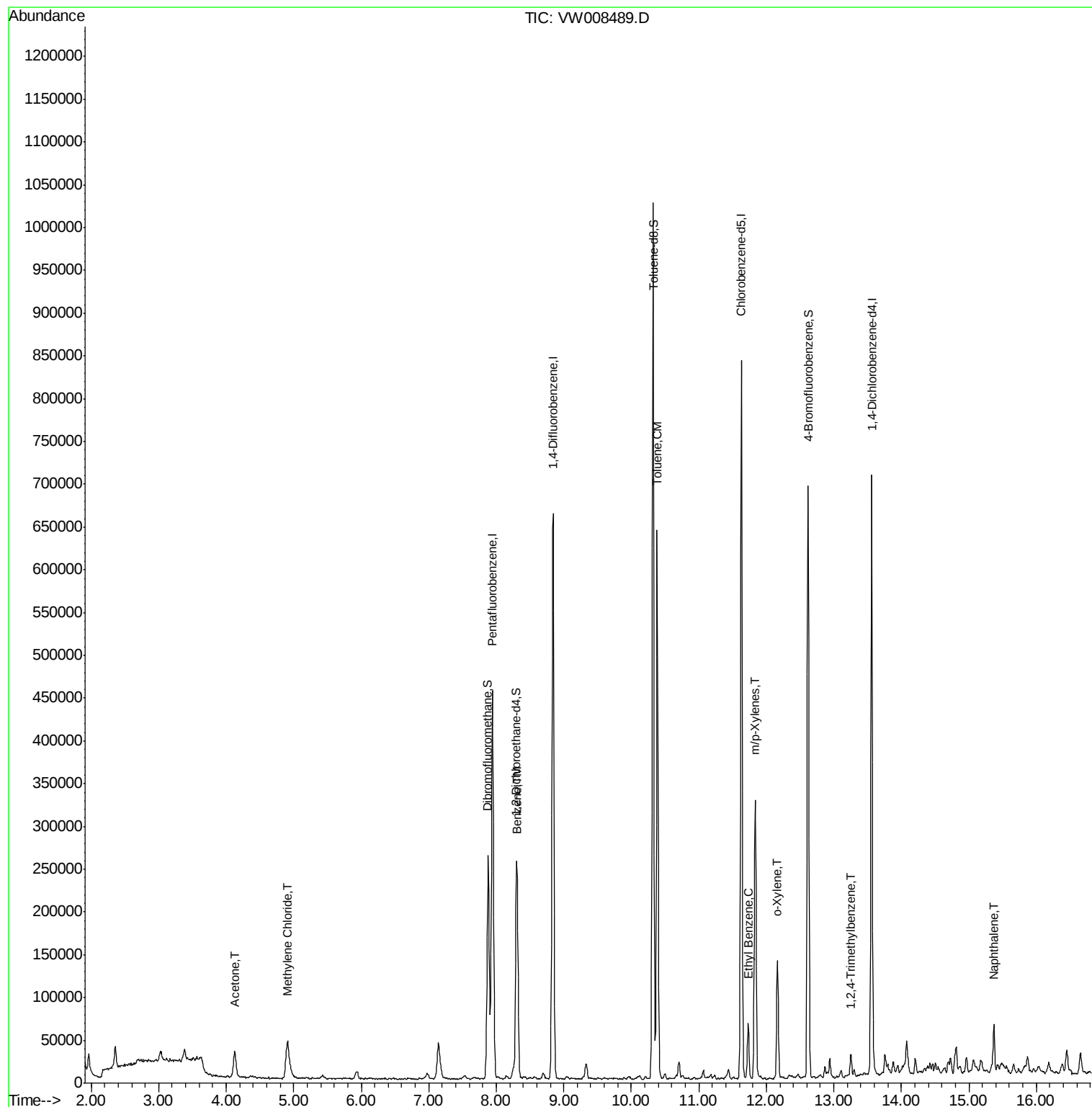
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	354718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	571220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	472535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	184266	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	179420	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	10.32	98	649684	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.62	95	209591	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
Target Compounds						
16) Acetone	4.12	43	54354	69.457	ug/l	98
20) Methylene Chloride	4.90	84	35345	9.799	ug/l	92
40) Benzene	8.32	78	32162	2.148	ug/l	98
52) Toluene	10.38	92	275110	27.835	ug/l	100
67) Ethyl Benzene	11.73	91	43393	2.447	ug/l	98
68) m/p-Xylenes	11.83	106	100345	14.586	ug/l	97
69) o-Xylene	12.16	106	37823	5.786	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	14578	1.265	ug/l	95
95) Naphthalene	15.37	128	45368	6.837	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

Lab File: VW008489.D

Acq: 01 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

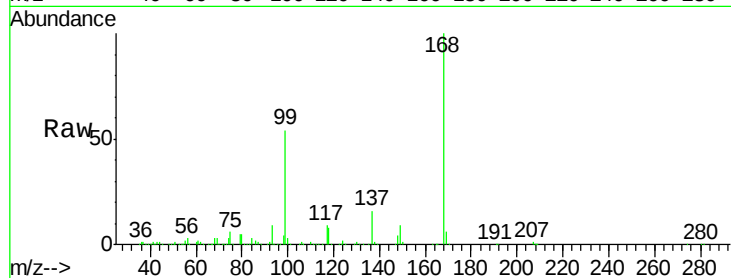
OR-02-013119-A

Tot Ion:168 Resp: 354718

Ion Ratio Lower Upper

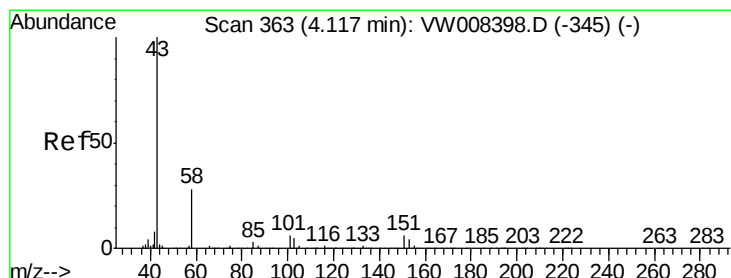
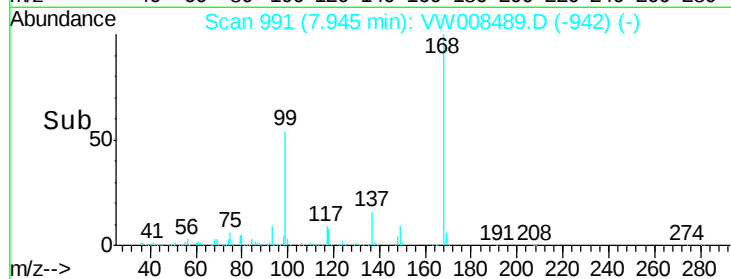
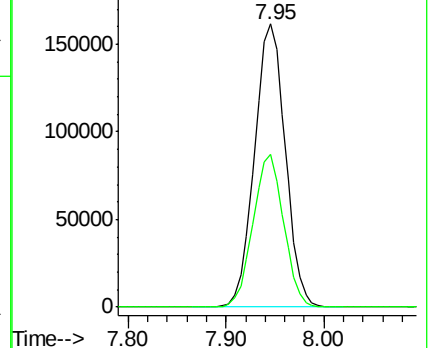
168 100

99 54.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 69.457 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008489.D

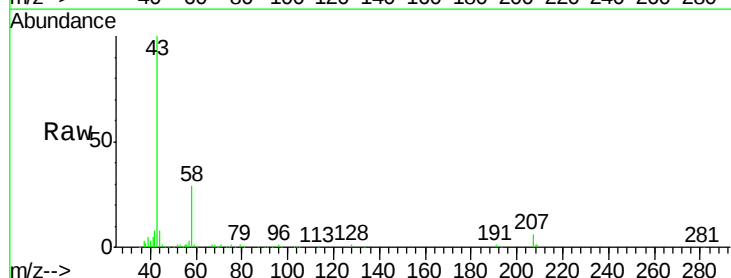
Acq: 01 Feb 2019 18:37

Tgt Ion: 43 Resp: 54354

Ion Ratio Lower Upper

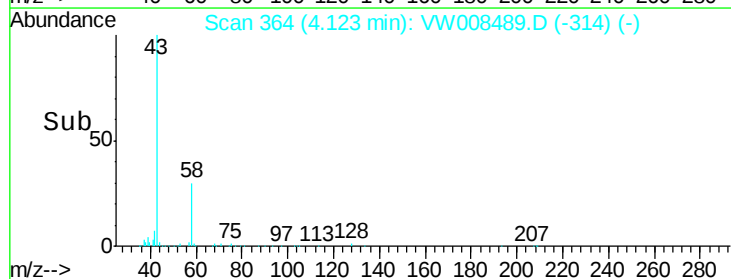
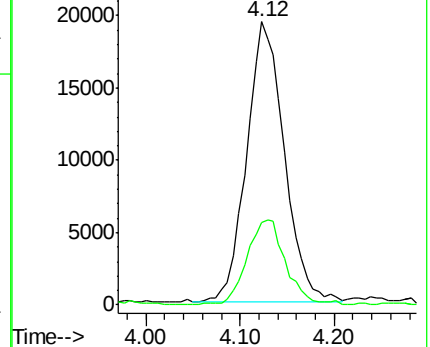
43 100

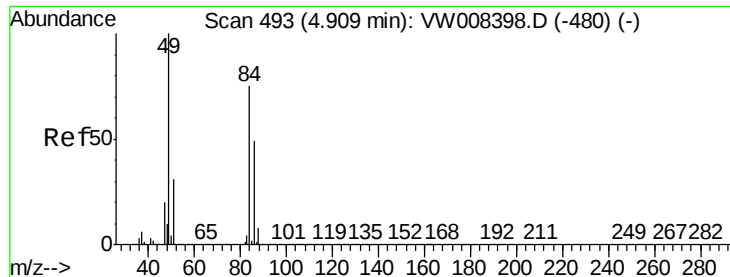
58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

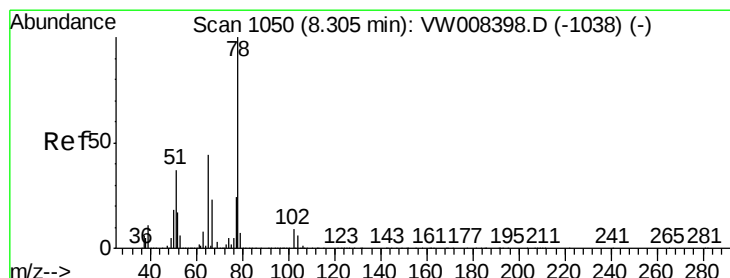
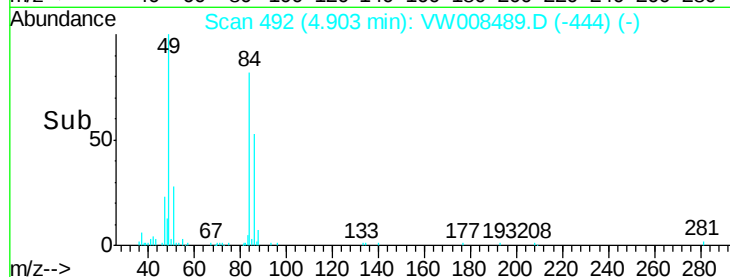
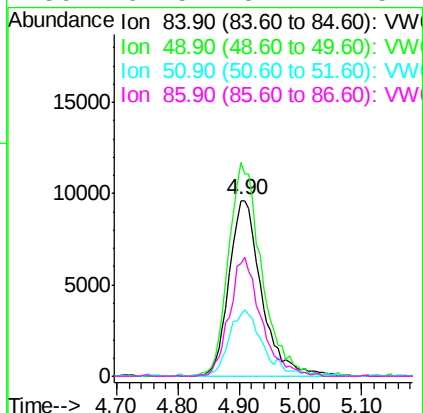
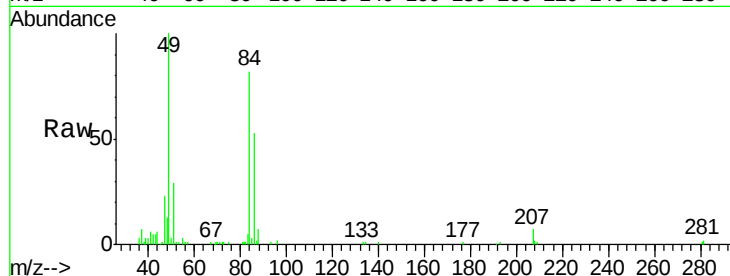




#20
Methylene Chloride
Concen: 9.799 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

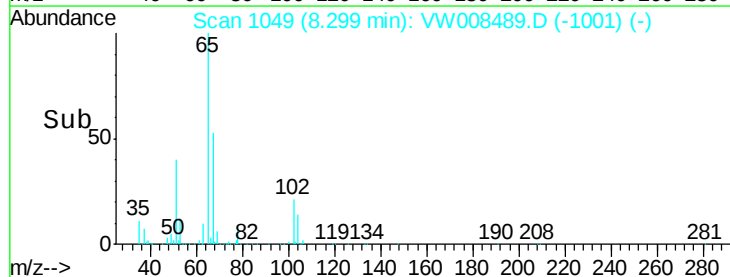
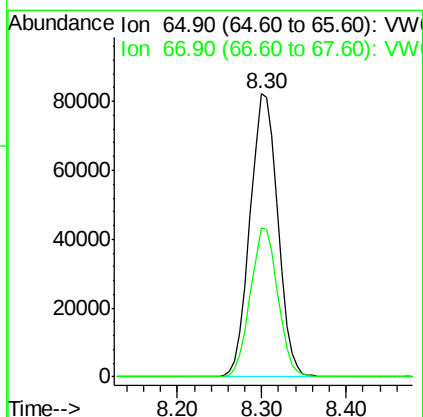
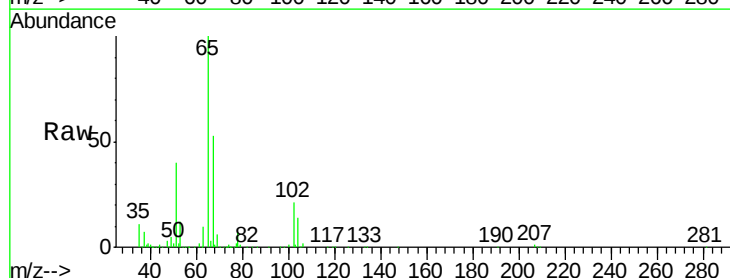
Instrument :
MSVOA_W
ClientSampleId :
OR-02-013119-A

Tot Ion:	84	Resp:	35345
Ion	Ratio	Lower	Upper
84	100		
49	121.7	106.8	160.2
51	34.9	32.9	49.3
86	64.5	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 52.877 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

Tgt Ion:	65	Resp:	184266
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0

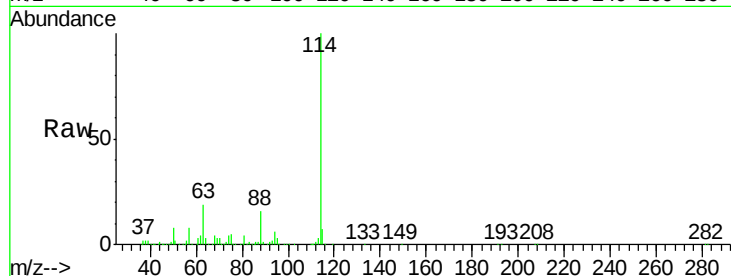




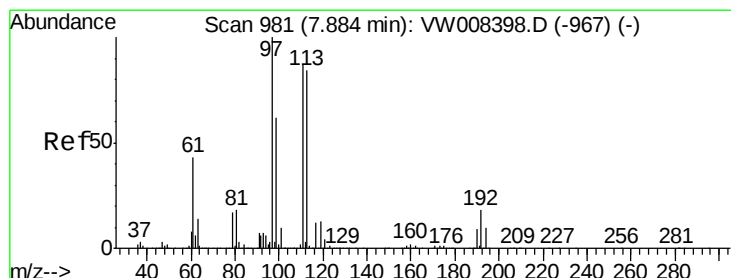
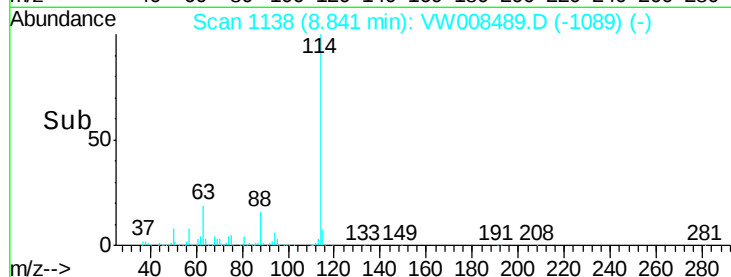
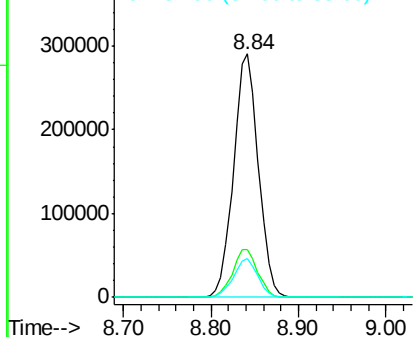
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
OR-02-013119-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.6
88	15.9	0.0	31.8

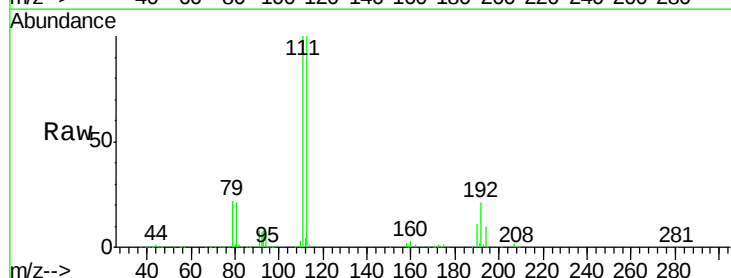


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

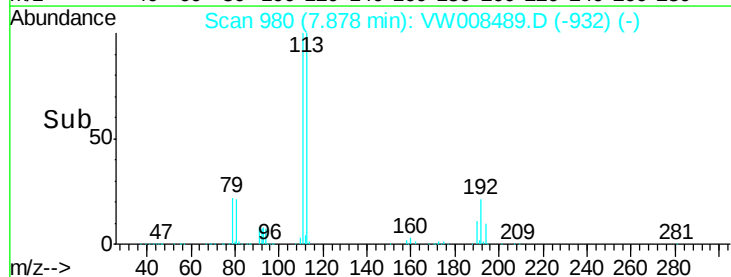
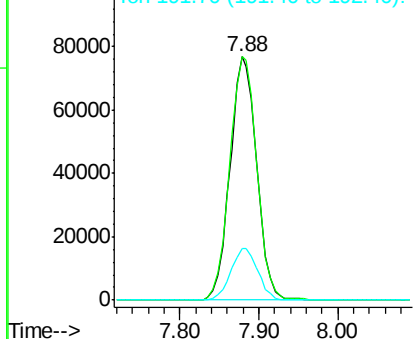


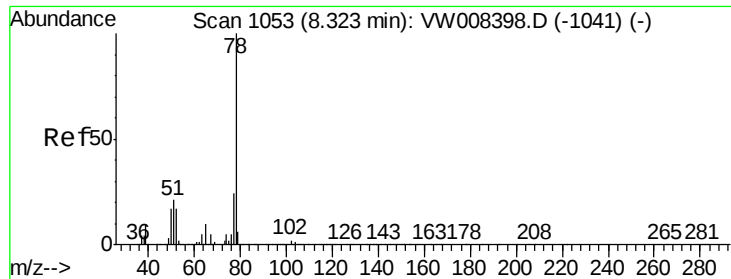
#35
Dibromofluoromethane
Concen: 53.717 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.4
192	21.4	16.8	25.2



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





#40

Benzene

Concen: 2.148 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008489.D

Acq: 01 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

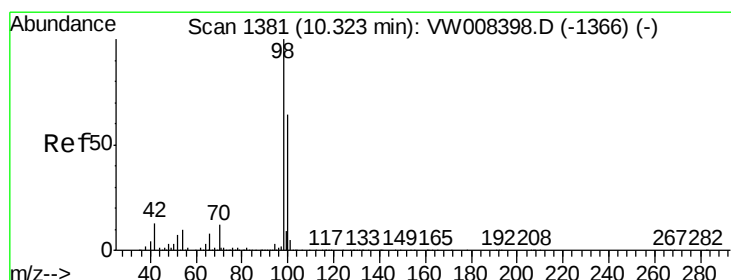
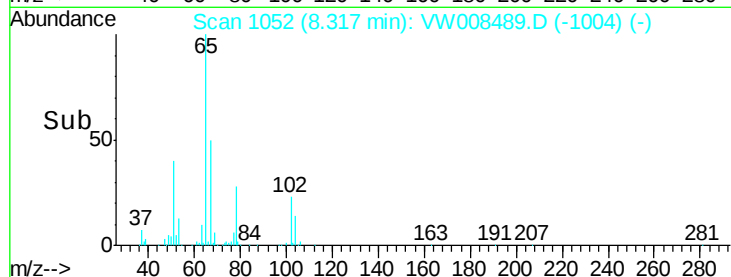
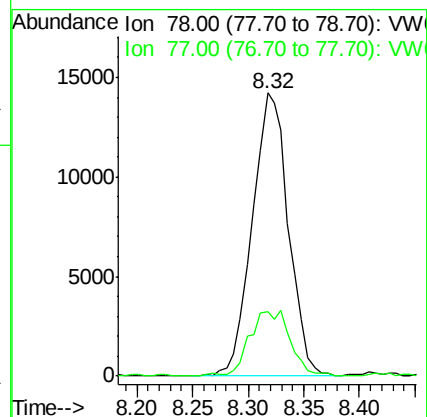
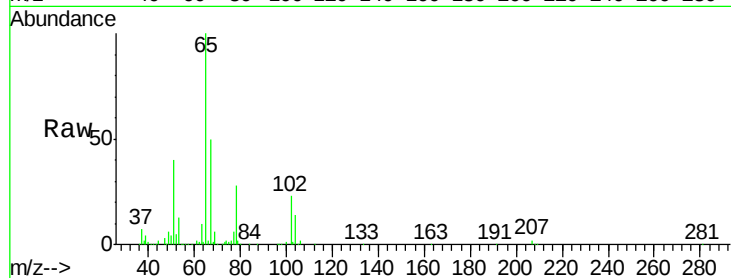
OR-02-013119-A

Tot Ion: 78 Resp: 32162

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6



#50

Toluene-d8

Concen: 48.506 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008489.D

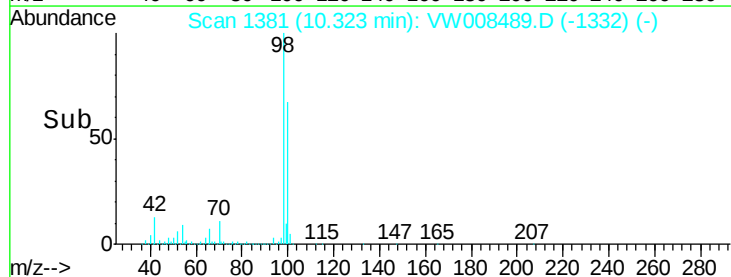
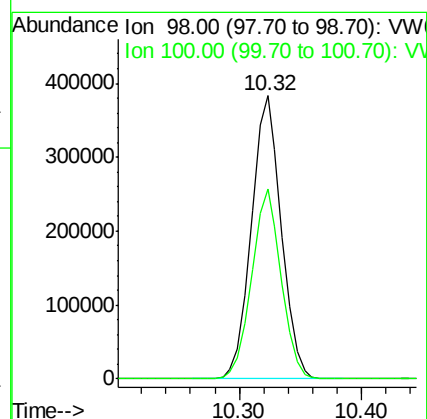
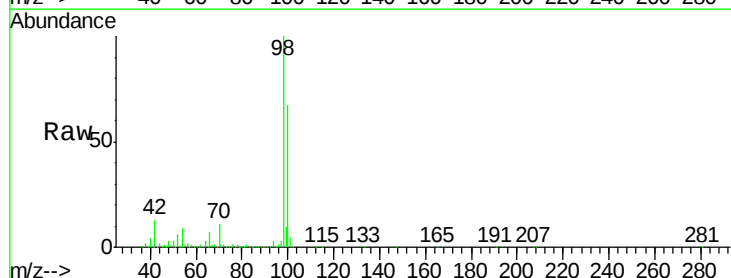
Acq: 01 Feb 2019 18:37

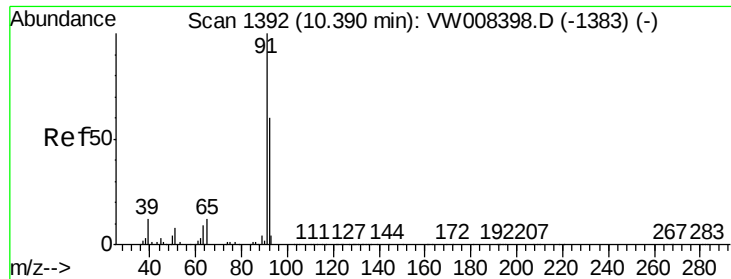
Tgt Ion: 98 Resp: 649684

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8





#52

Toluene

Concen: 27.835 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008489.D

Acq: 01 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

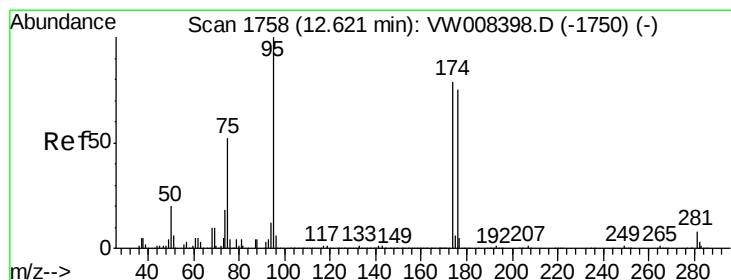
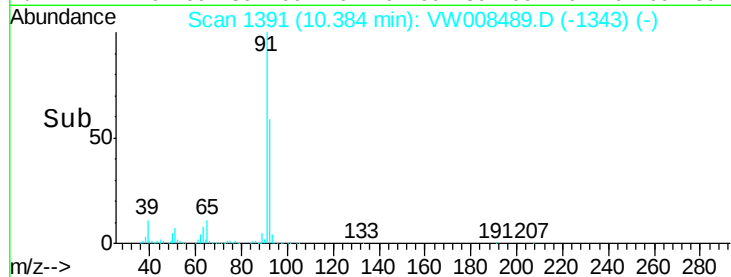
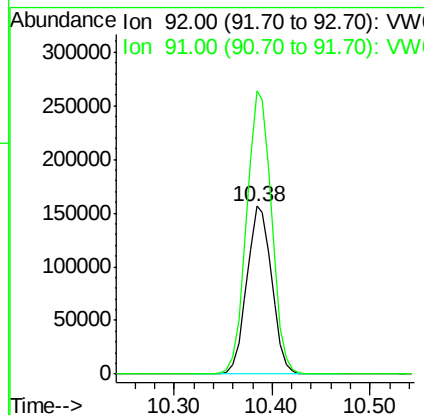
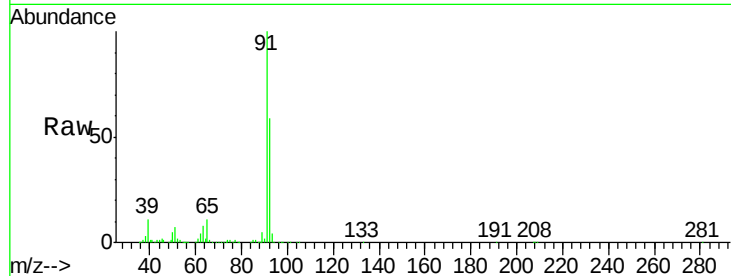
OR-02-013119-A

Tot Ion: 92 Resp: 275110

Ion Ratio Lower Upper

92 100

91 169.1 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 40.710 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008489.D

Acq: 01 Feb 2019 18:37

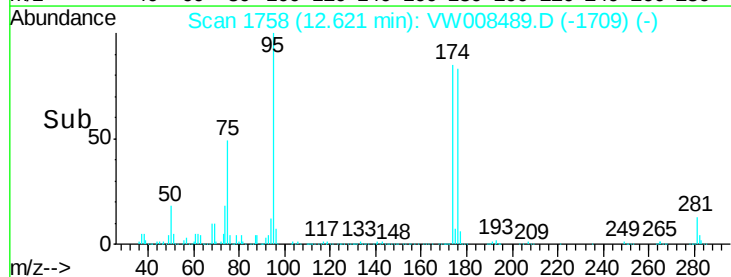
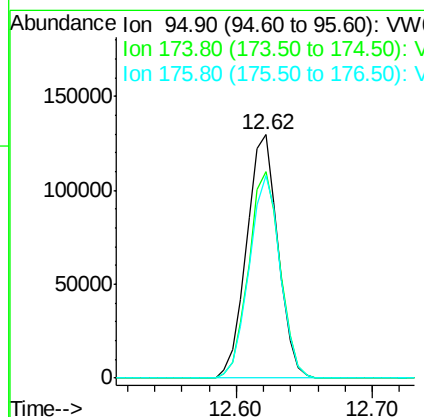
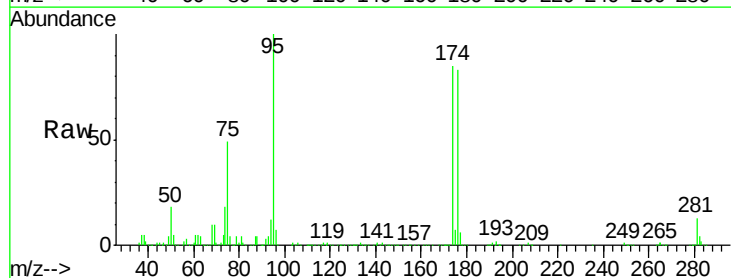
Tgt Ion: 95 Resp: 209591

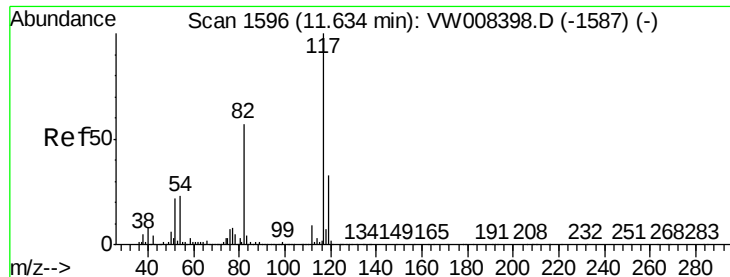
Ion Ratio Lower Upper

95 100

174 85.1 0.0 157.6

176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008489.D

Acq: 01 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

OR-02-013119-A

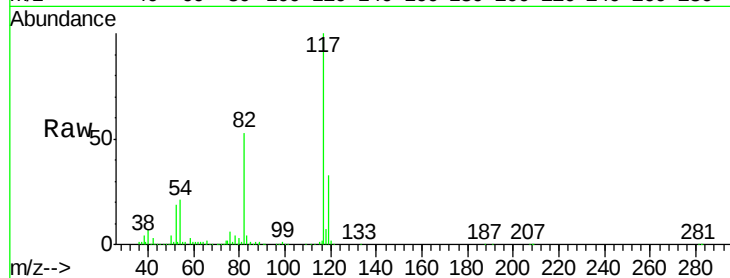
Tot Ion:117 Resp: 472535

Ion Ratio Lower Upper

117 100

82 52.8 45.4 68.0

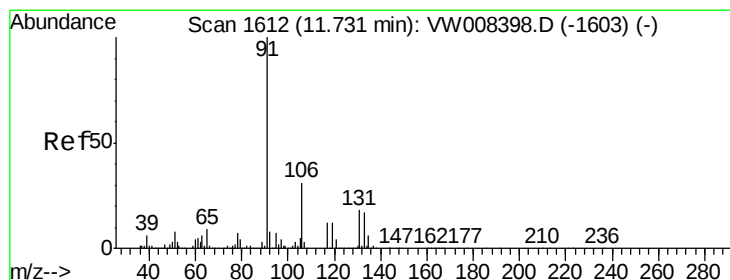
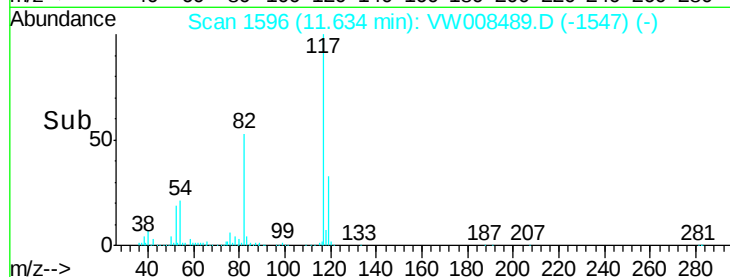
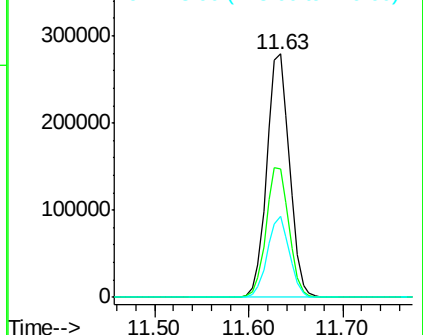
119 33.2 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 2.447 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008489.D

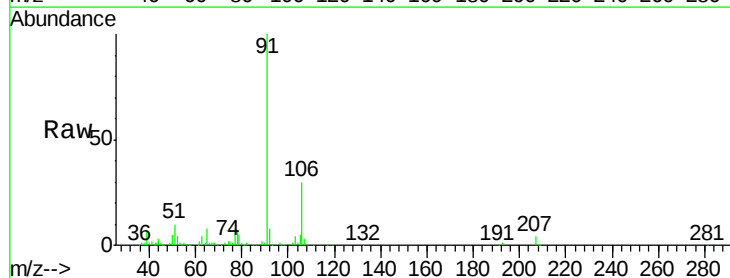
Acq: 01 Feb 2019 18:37

Tgt Ion: 91 Resp: 43393

Ion Ratio Lower Upper

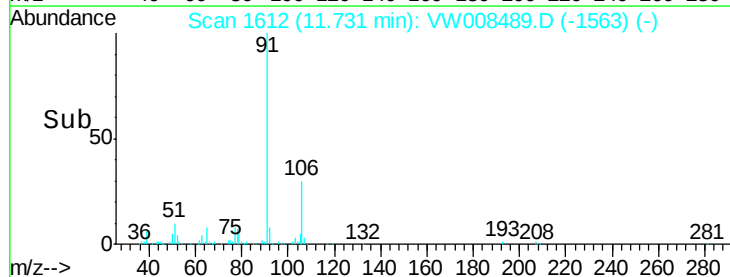
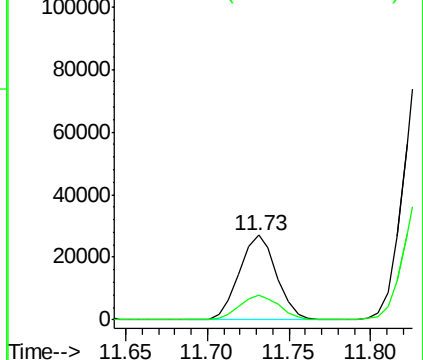
91 100

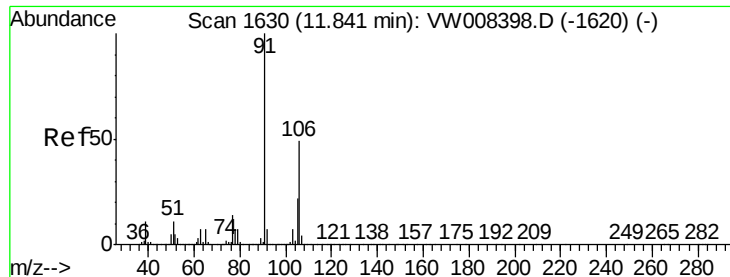
106 29.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

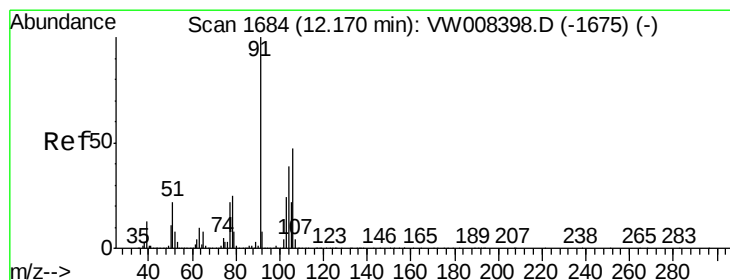
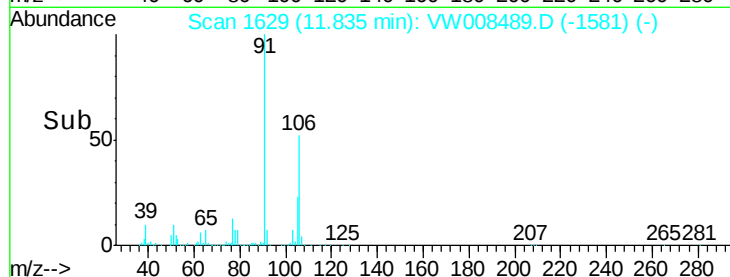
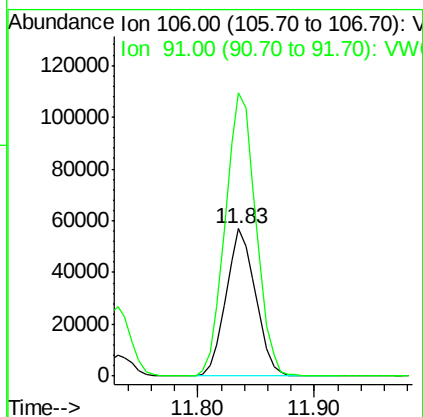
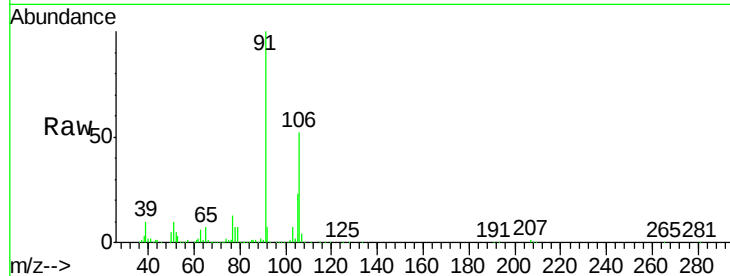




#68
m/p-Xylenes
Concen: 14.586 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

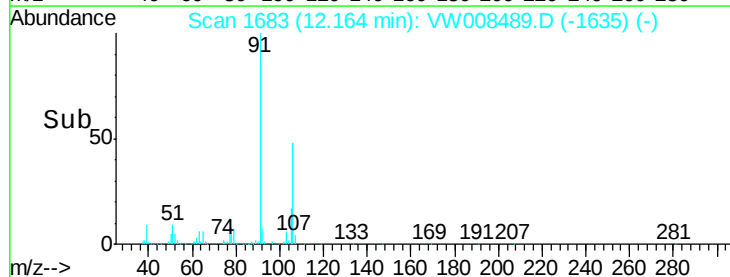
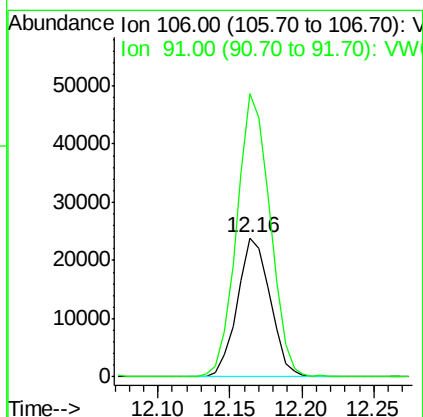
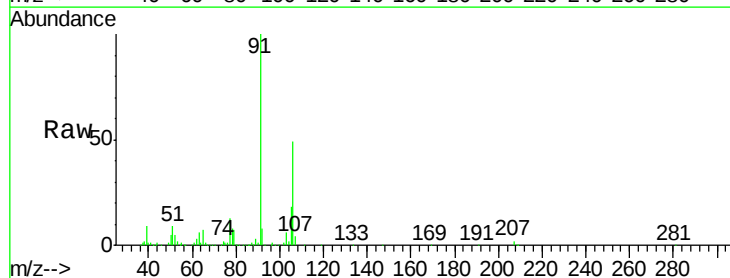
Instrument :
MSVOA_W
ClientSampleId :
OR-02-013119-A

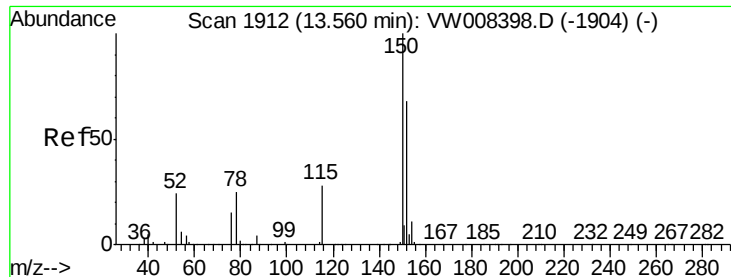
Tot Ion:106 Resp: 100345
Ion Ratio Lower Upper
106 100
91 199.0 162.9 244.3



#69
o-Xylene
Concen: 5.786 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

Tgt Ion:106 Resp: 37823
Ion Ratio Lower Upper
106 100
91 206.4 107.5 322.4

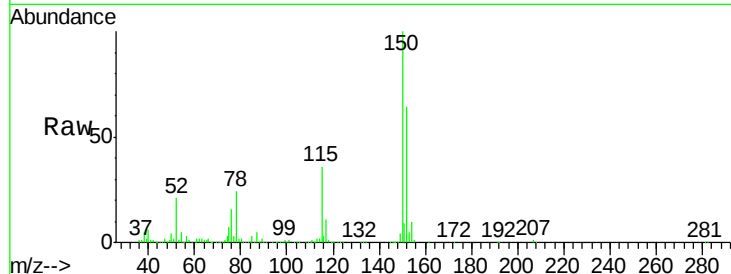




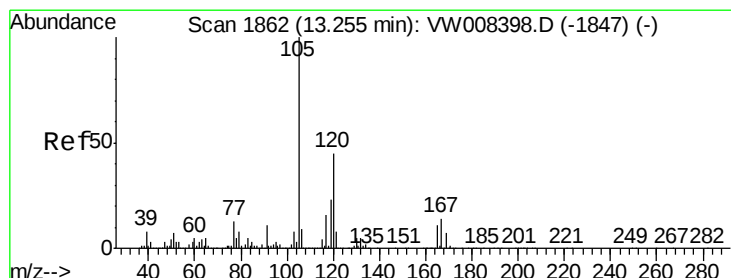
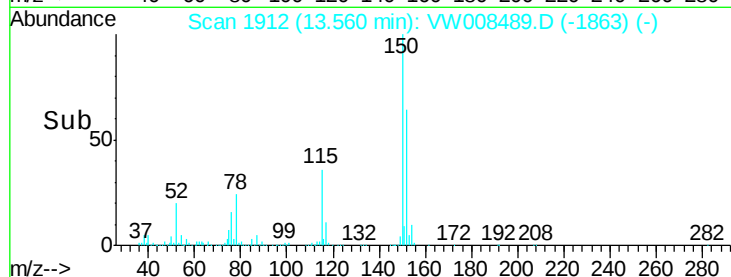
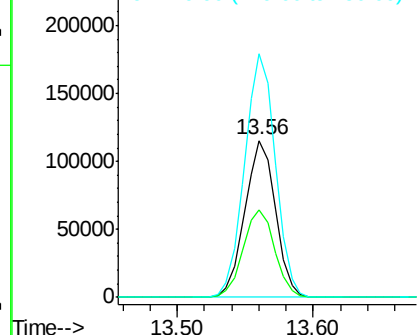
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008489.D
 Acq: 01 Feb 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-013119-A

Tot Ion:152 Resp: 182023
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.9 89.7
 150 156.0 0.0 351.4

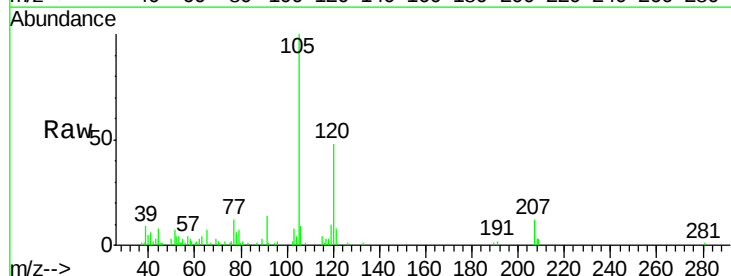


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

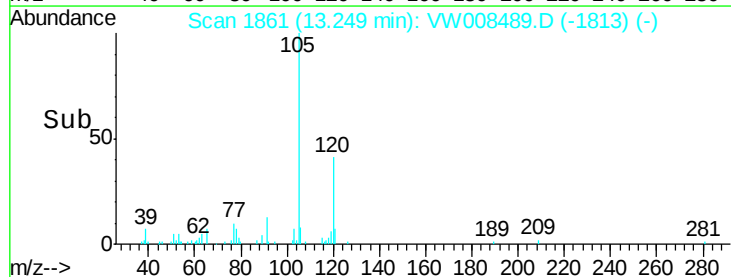
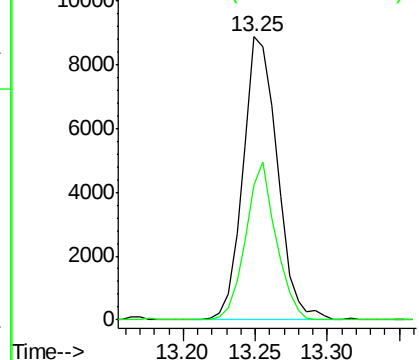


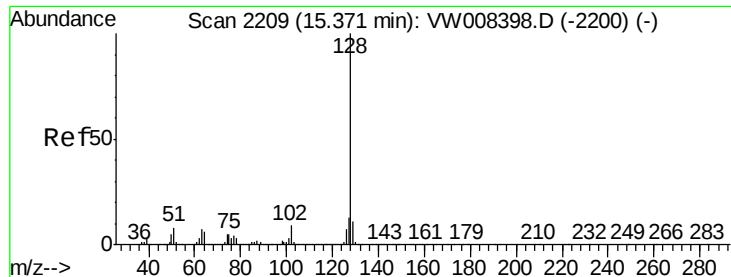
#84
 1,2,4-Trimethylbenzene
 Concen: 1.265 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW008489.D
 Acq: 01 Feb 2019 18:37

Tgt Ion:105 Resp: 14578
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

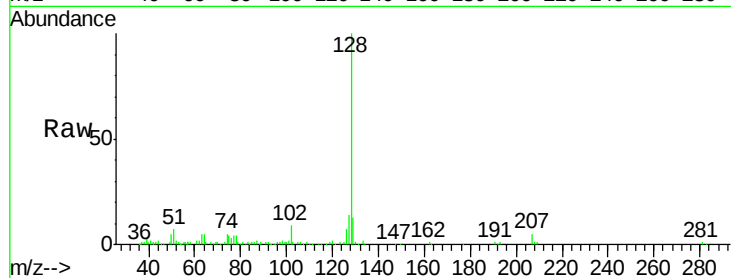




#95
Naphthalene
Concen: 6.837 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008489.D
Acq: 01 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
OR-02-013119-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	12.4	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

