

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020419\
 Data File : VW008513.D
 Acq On : 04 Feb 2019 20:23
 Operator : SY/VA
 Sample : K1346-01
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-020419-A

Quant Time: Feb 05 04:13:43 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

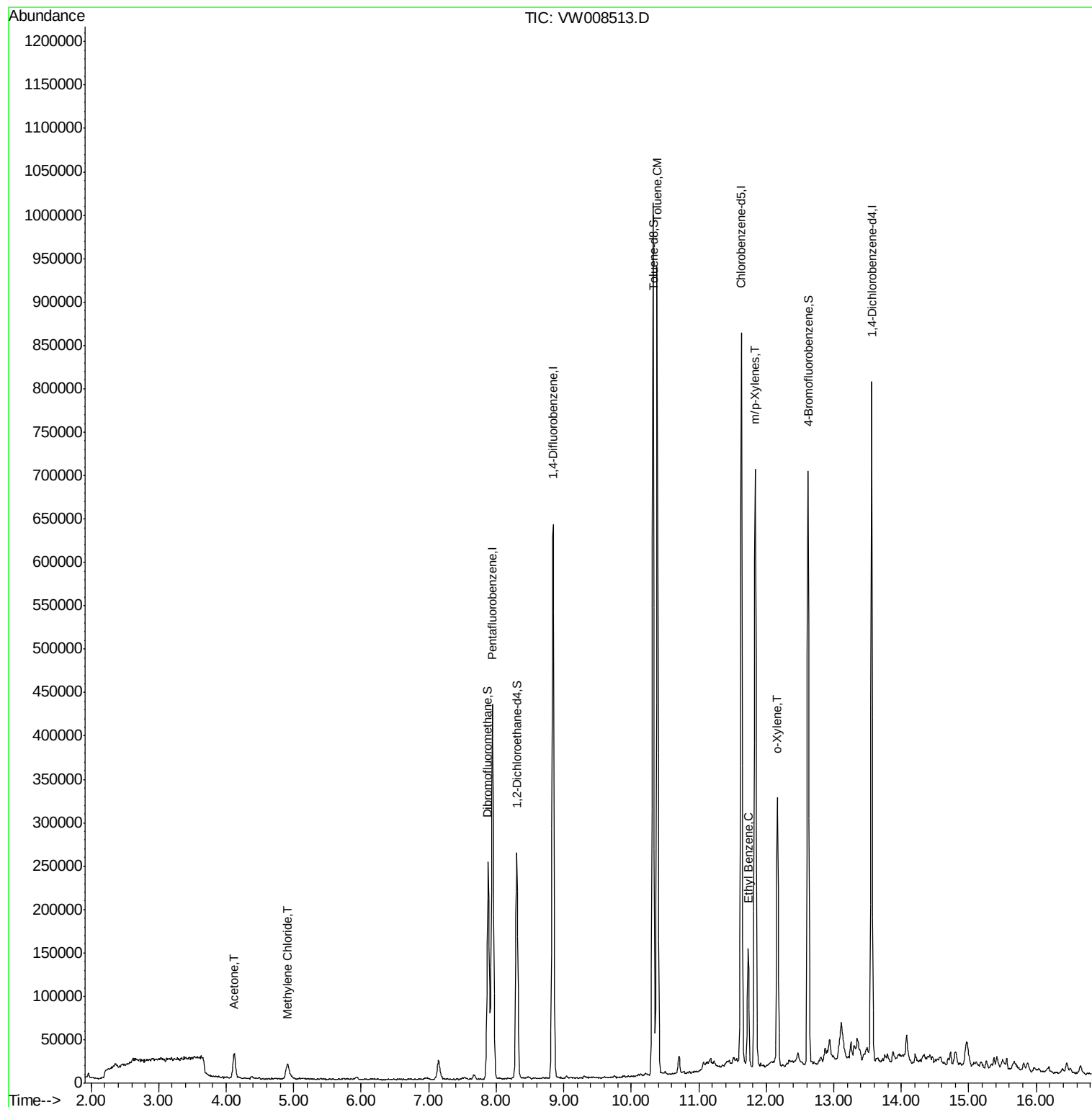
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	336086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	548053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	474420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	187968	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
35) Dibromofluoromethane	7.88	113	170979	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.32	98	639532	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.62	95	218595	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
16) Acetone	4.12	43	49279	66.463	ug/l	93
20) Methylene Chloride	4.91	84	14897	4.359	ug/l	89
52) Toluene	10.38	92	393214	41.466	ug/l	98
67) Ethyl Benzene	11.73	91	94133	5.288	ug/l	97
68) m/p-Xylenes	11.83	106	213296	30.881	ug/l	98
69) o-Xylene	12.16	106	80861	12.321	ug/l	98

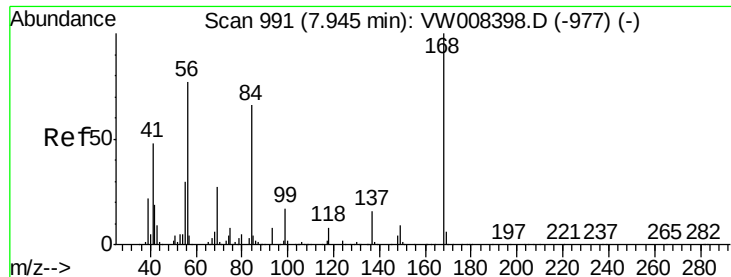
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008513.D

Acq: 04 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

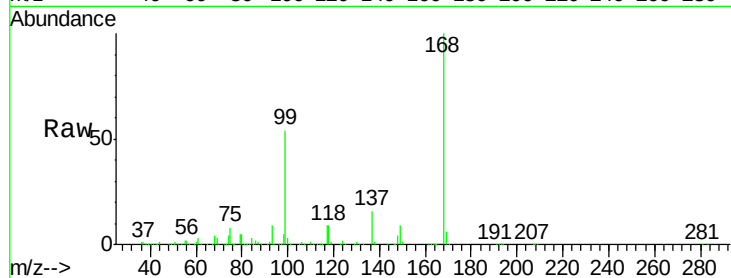
CL-02-020419-A

Tot Ion:168 Resp: 336086

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

7.95

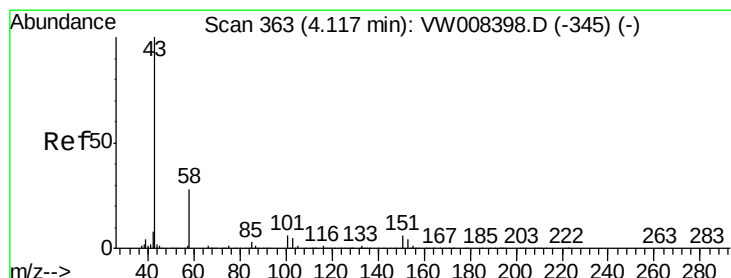
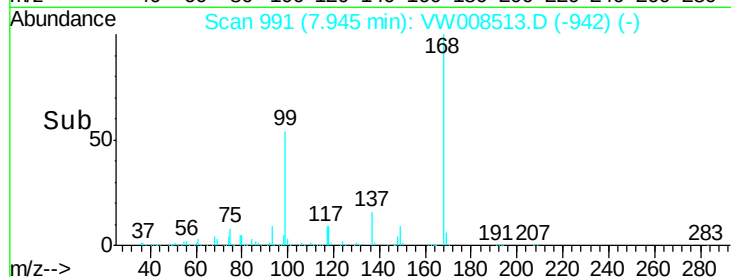
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 66.463 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008513.D

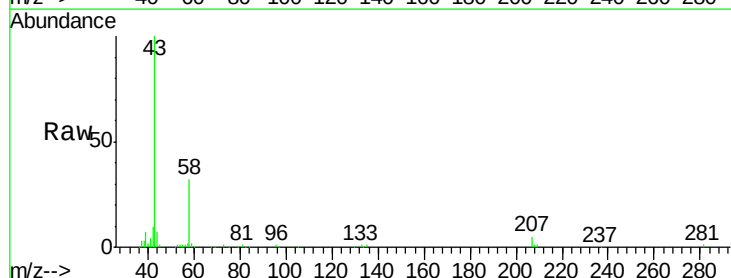
Acq: 04 Feb 2019 20:23

Tgt Ion: 43 Resp: 49279

Ion Ratio Lower Upper

43 100

58 32.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

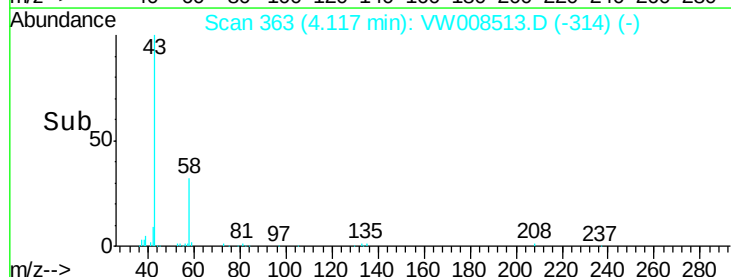
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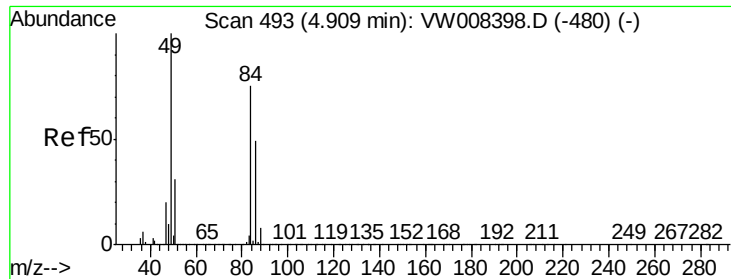
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5000

0

Time-->

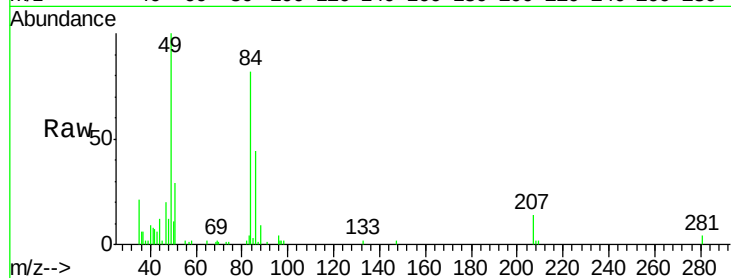




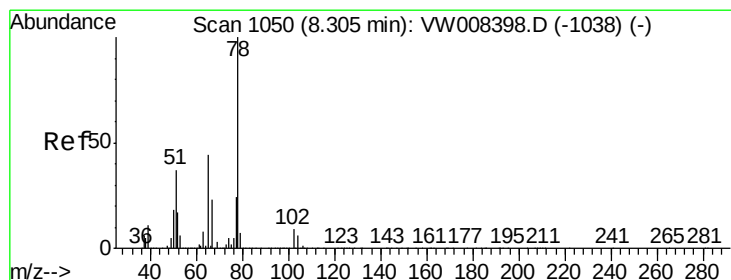
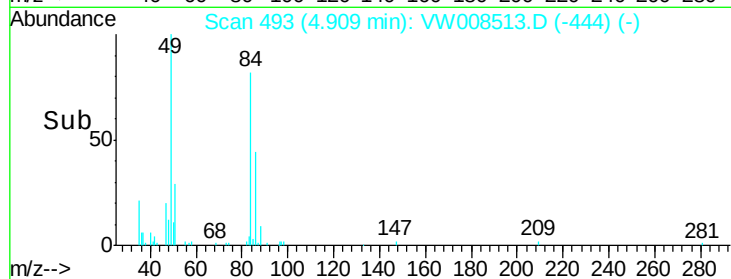
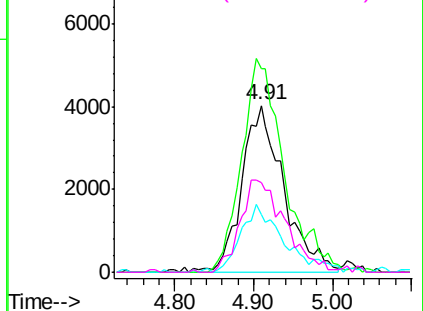
#20
Methylene Chloride
Concen: 4.359 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008513.D
Acq: 04 Feb 2019 20:23

Instrument :
MSVOA_W
ClientSampleId :
CL-02-020419-A

Tot Ion:	84	Resp:	14897
Ion	Ratio	Lower	Upper
84	100		
49	121.7	106.8	160.2
51	34.9	32.9	49.3
86	53.8	52.2	78.2

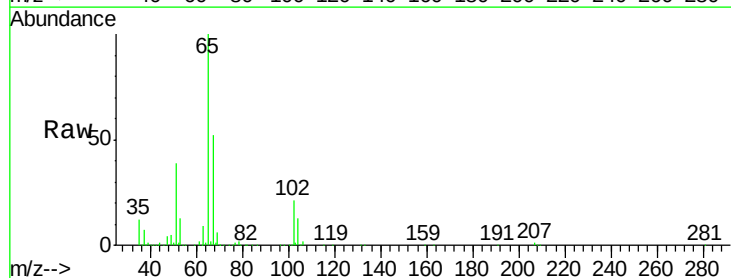


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

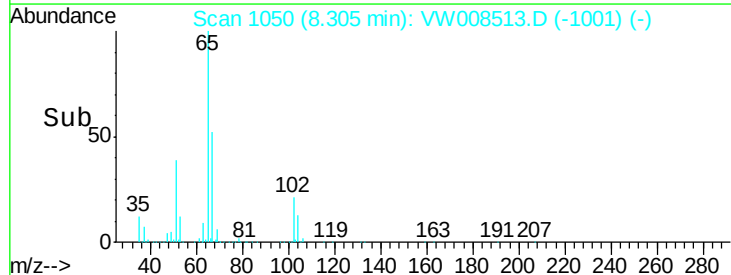
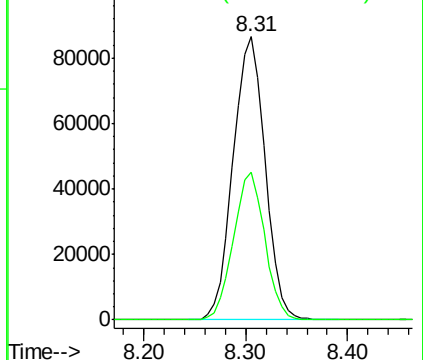


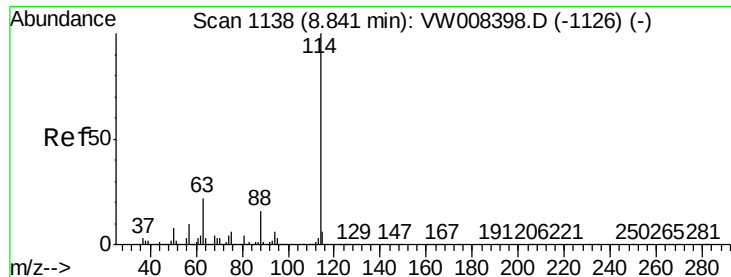
#33
1,2-Dichloroethane-d4
Concen: 56.930 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008513.D
Acq: 04 Feb 2019 20:23

Tgt Ion:	65	Resp:	187968
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008513.D

Acq: 04 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

CL-02-020419-A

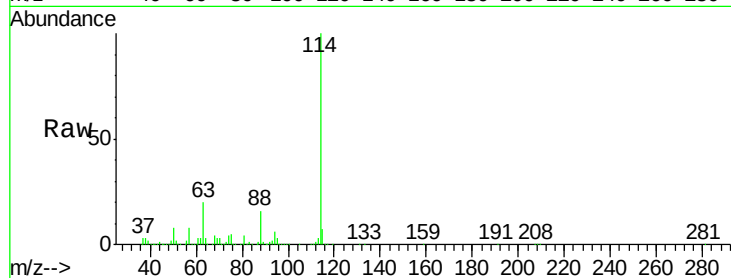
Tot Ion:114 Resp: 548053

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.6

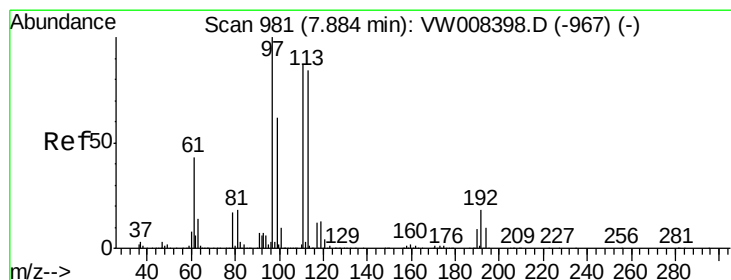
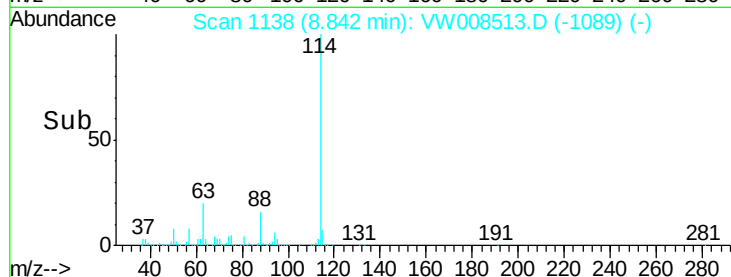
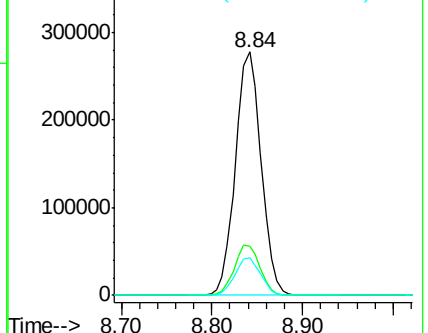
88 15.6 0.0 31.8



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: 53.353 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008513.D

Acq: 04 Feb 2019 20:23

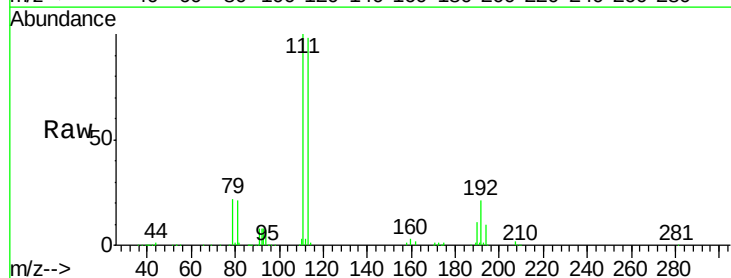
Tgt Ion:113 Resp: 170979

Ion Ratio Lower Upper

113 100

111 101.3 81.0 121.4

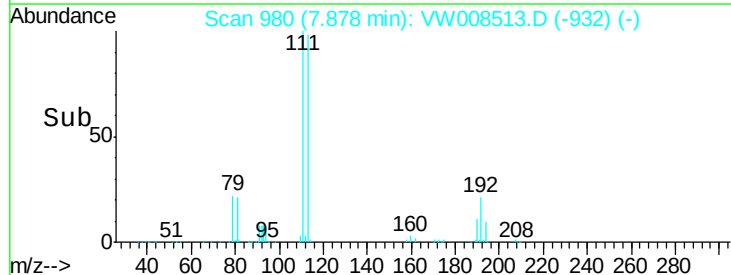
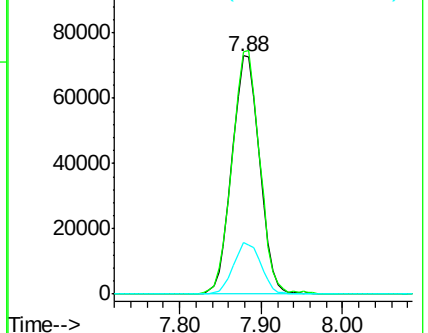
192 21.4 16.8 25.2

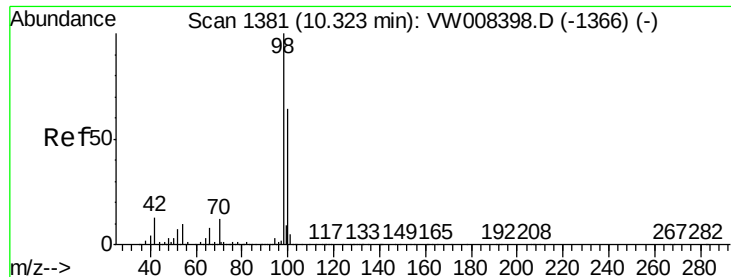


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.766 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008513.D

Acq: 04 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

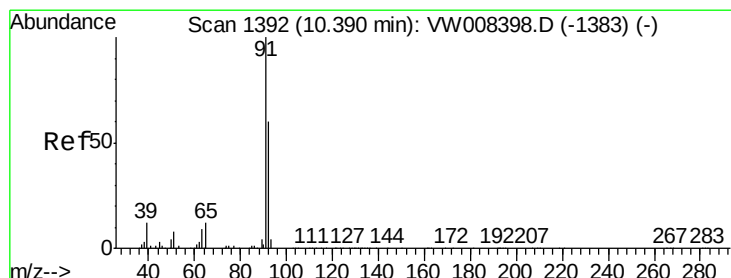
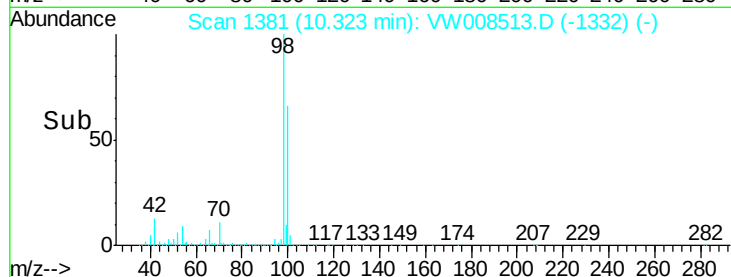
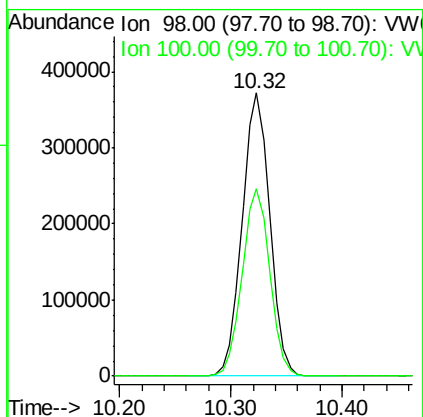
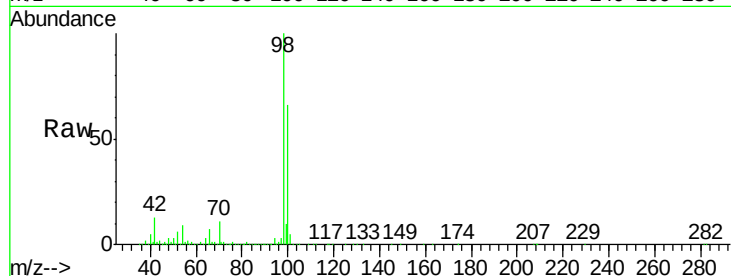
CL-02-020419-A

Tot Ion: 98 Resp: 639532

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#52

Toluene

Concen: 41.466 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008513.D

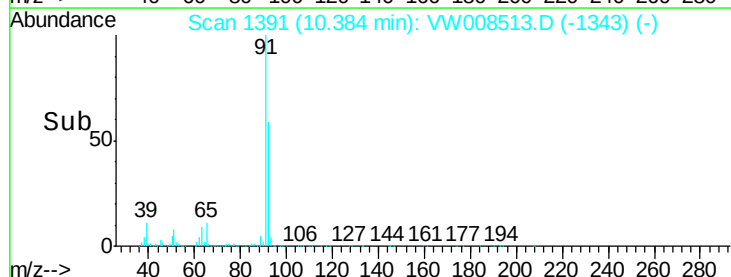
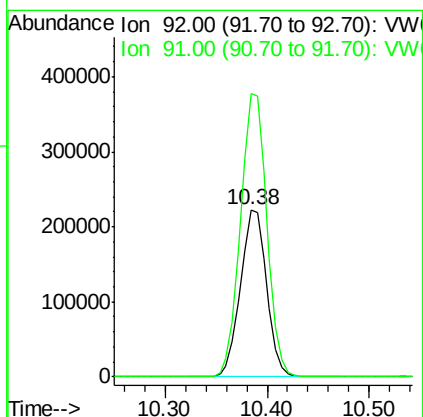
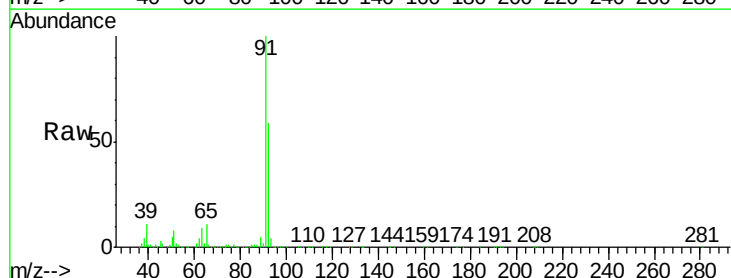
Acq: 04 Feb 2019 20:23

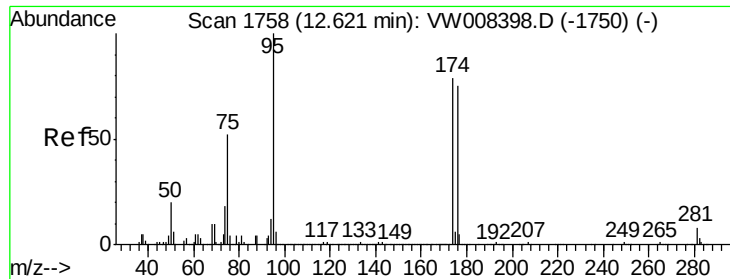
Tgt Ion: 92 Resp: 393214

Ion Ratio Lower Upper

92 100

91 171.5 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 44.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008513.D

Acq: 04 Feb 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

CL-02-020419-A

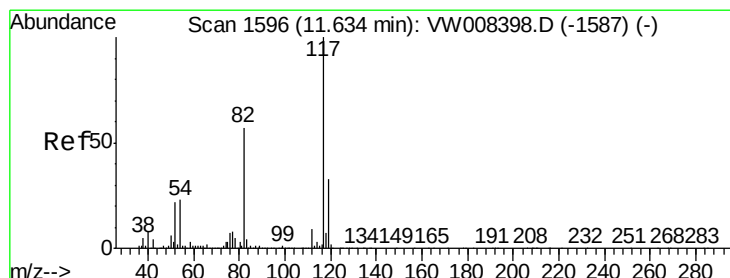
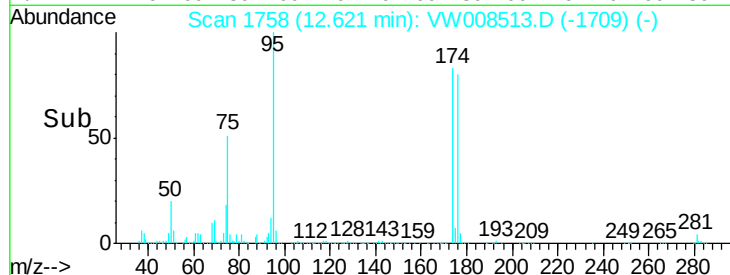
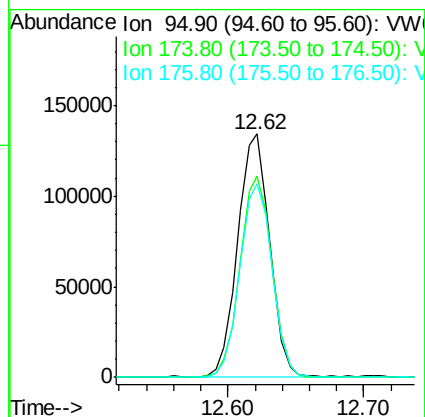
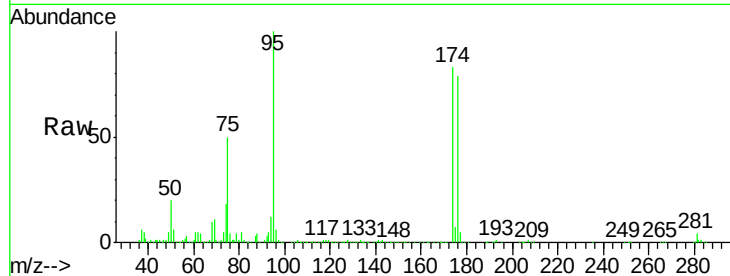
Tot Ion: 95 Resp: 218595

Ion Ratio Lower Upper

95 100

174 83.5 0.0 157.6

176 80.6 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: VW008513.D

Acq: 04 Feb 2019 20:23

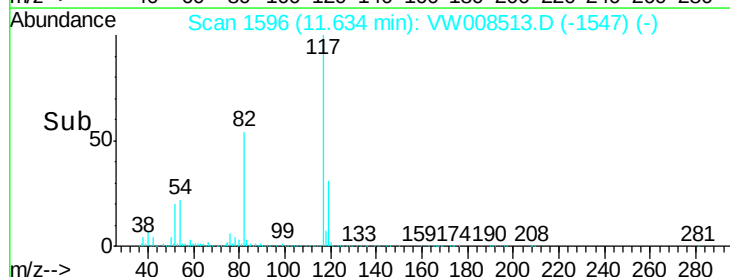
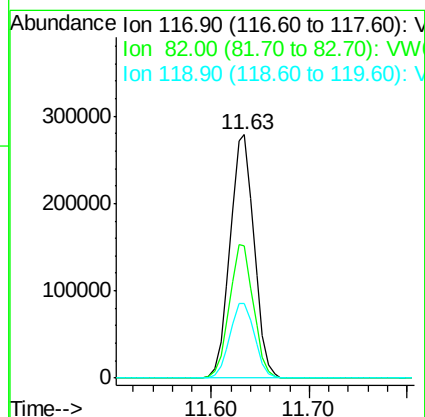
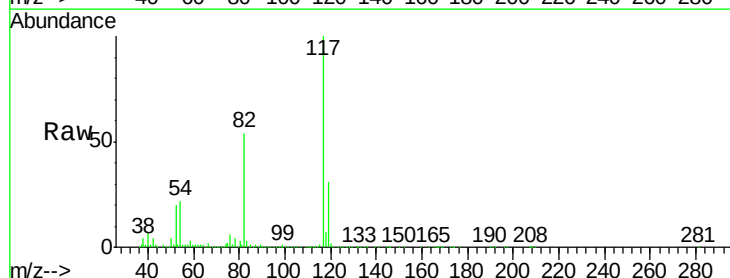
Tgt Ion: 117 Resp: 474420

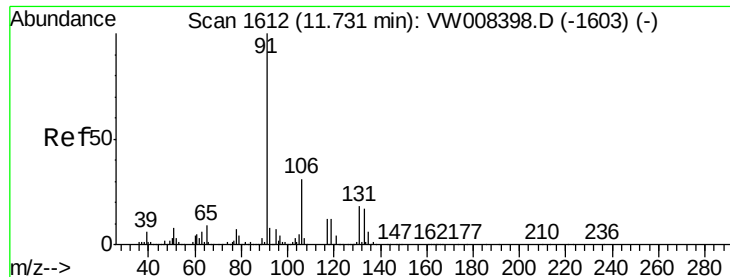
Ion Ratio Lower Upper

117 100

82 54.1 45.4 68.0

119 30.8 26.2 39.4

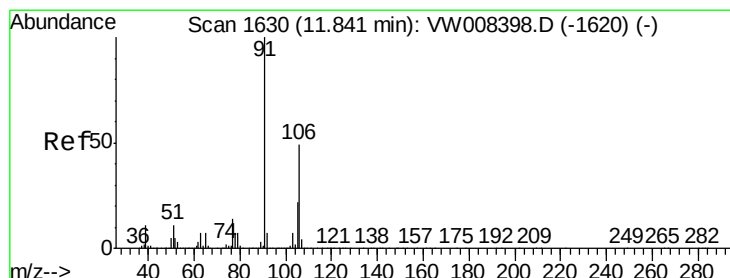
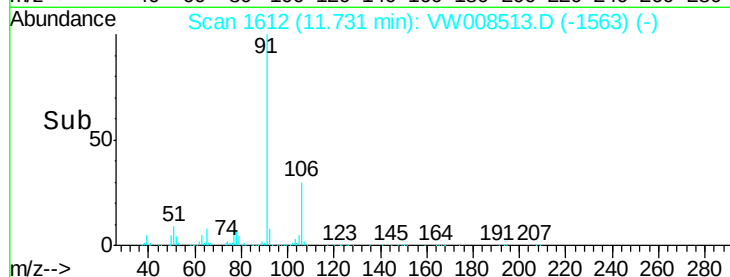
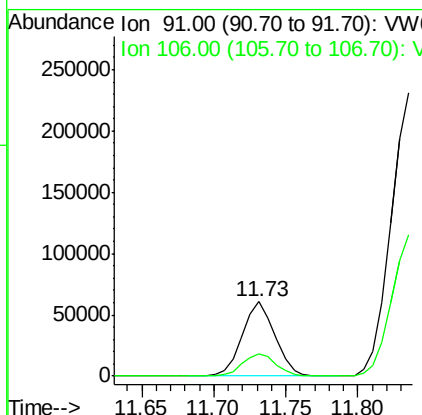
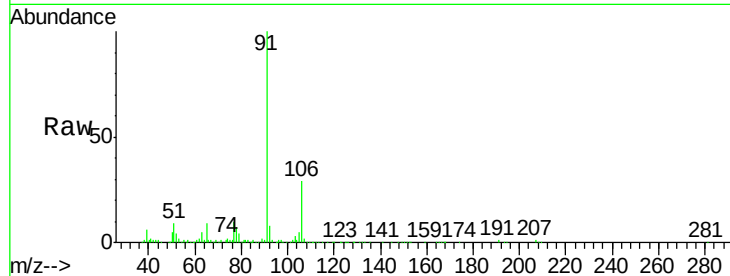




#67
Ethyl Benzene
Concen: 5.288 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008513.D
Acq: 04 Feb 2019 20:23

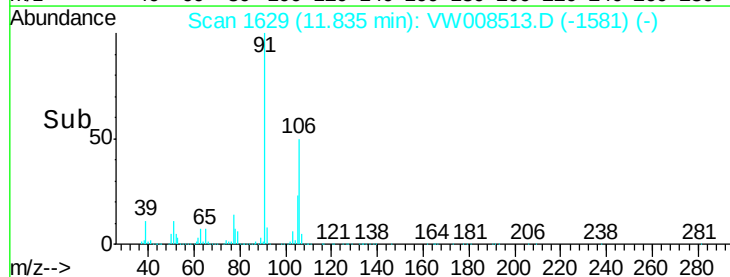
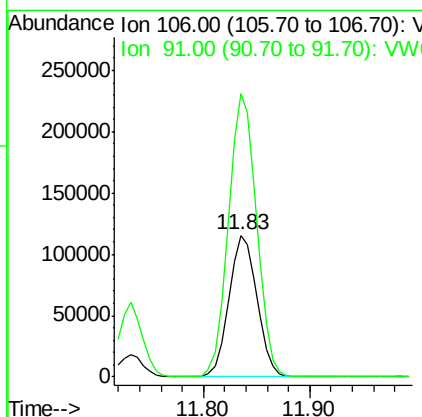
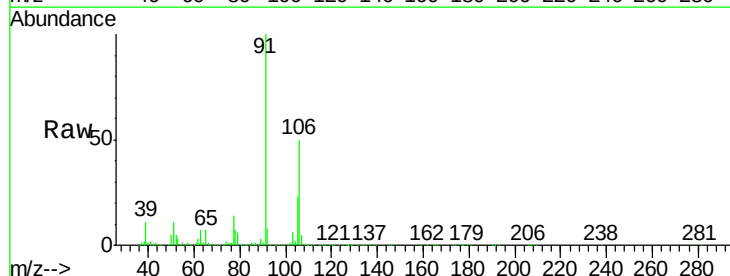
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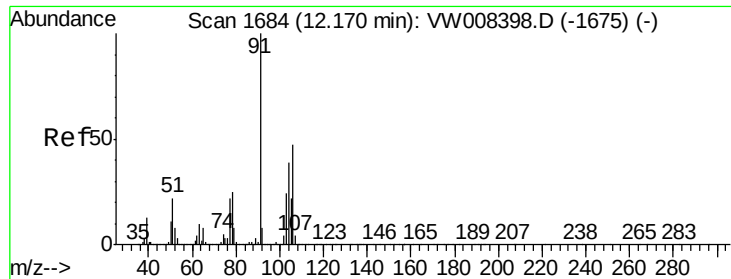
Tot Ion: 91 Resp: 94133
Ion Ratio Lower Upper
91 100
106 29.5 24.7 37.1



#68
m/p-Xylenes
Concen: 30.881 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008513.D
Acq: 04 Feb 2019 20:23

Tgt Ion: 106 Resp: 213296
Ion Ratio Lower Upper
106 100
91 199.9 162.9 244.3

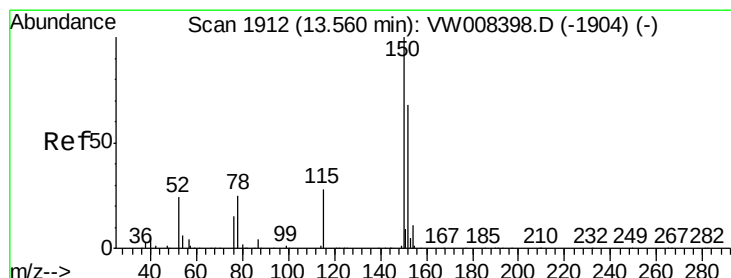
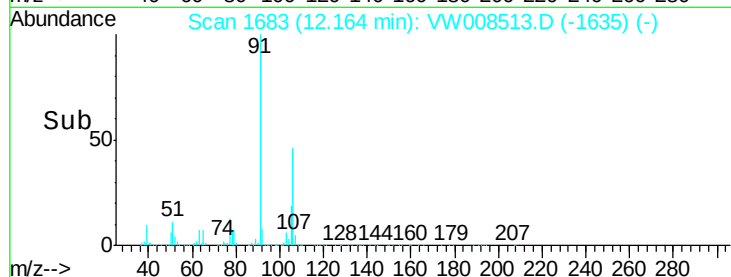
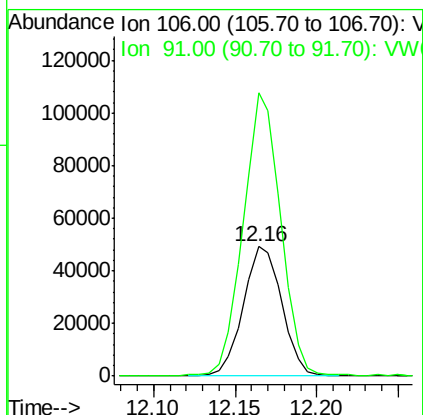
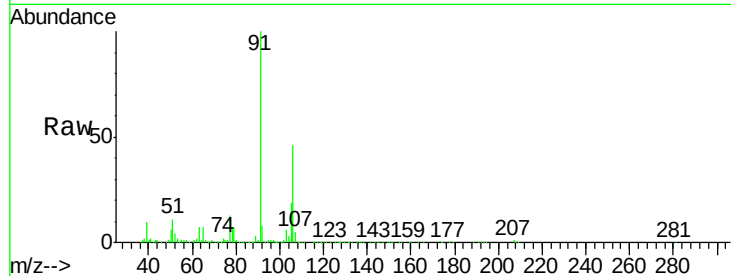




#69
o-Xylene
Concen: 12.321 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008513.D
Acq: 04 Feb 2019 20:23

Instrument :
MSVOA_W
ClientSampleId :
CL-02-020419-A

Tot Ion:106 Resp: 80861
Ion Ratio Lower Upper
106 100
91 211.1 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008513.D
Acq: 04 Feb 2019 20:23

Tgt Ion:152 Resp: 198444
Ion Ratio Lower Upper
152 100
115 58.1 29.9 89.7
150 155.4 0.0 351.4

