

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008626.D
 Acq On : 12 Feb 2019 16:44
 Operator : SY/VA
 Sample : K1343-05
 Misc : 9.22G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-C

Quant Time: Feb 13 01:13:30 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	408649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	660505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	605563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	278657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	230486	57.41	ug/l	0.00
Spiked Amount			Recovery	=	114.82%	
35) Dibromofluoromethane	7.88	113	209163	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
50) Toluene-d8	10.32	98	786490	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	288350	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

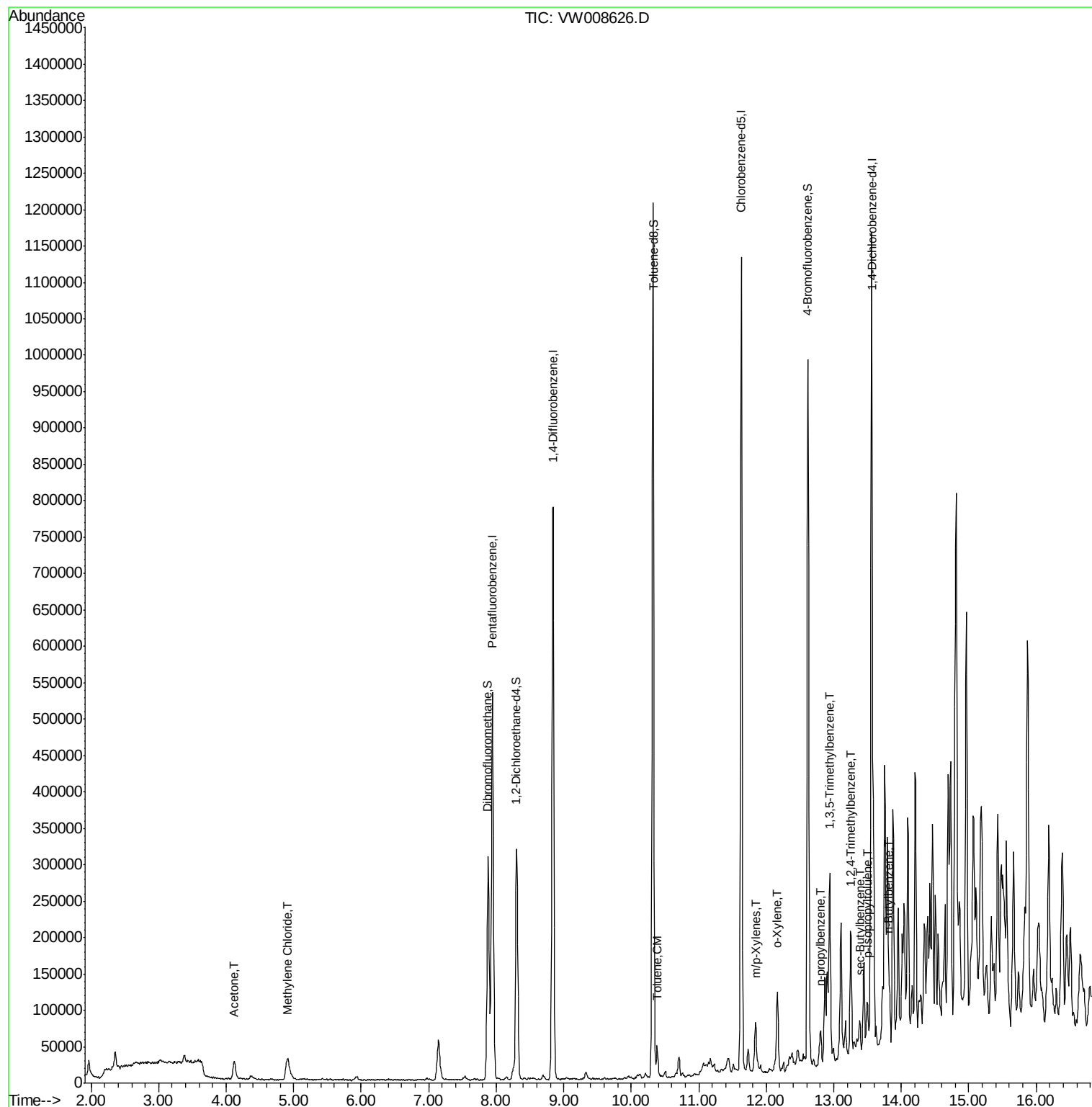
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	45338	50.290	ug/l	90
20) Methylene Chloride	4.90	84	25652	6.173	ug/l	96
52) Toluene	10.38	92	18715	1.638	ug/l	98
68) m/p-Xylenes	11.84	106	13191	1.496	ug/l	92
69) o-Xylene	12.16	106	27131	3.239	ug/l	98
78) n-propylbenzene	12.80	91	34519	1.383	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	81230	4.678	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	95893	5.433	ug/l	99
85) sec-Butylbenzene	13.38	105	24842	1.126	ug/l	84
86) p-Isopropyltoluene	13.50	119	24927	1.290	ug/l	97
89) n-Butylbenzene	13.82	91	33538	1.767	ug/l #	72

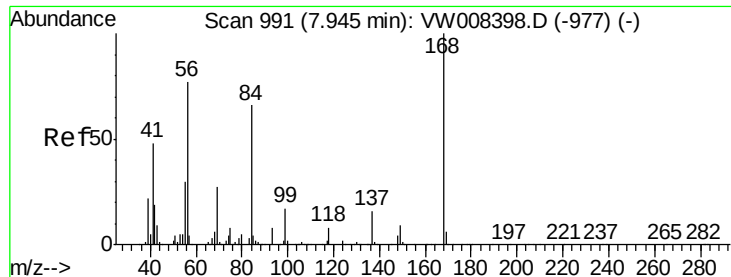
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021219\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
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: VW008626.D

Acq: 12 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

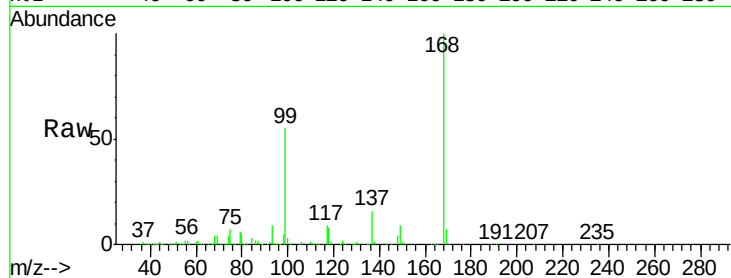
JC-02-021119-C

Tot Ion:168 Resp: 408649

Ion Ratio Lower Upper

168 100

99 54.7 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

200000

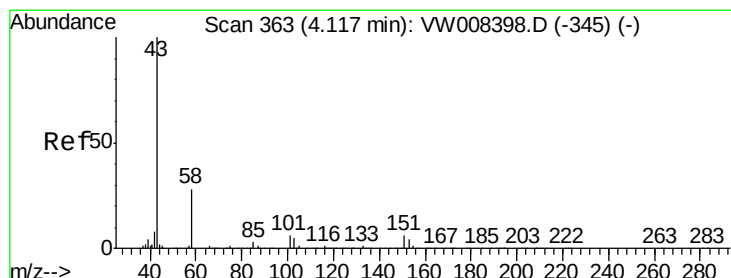
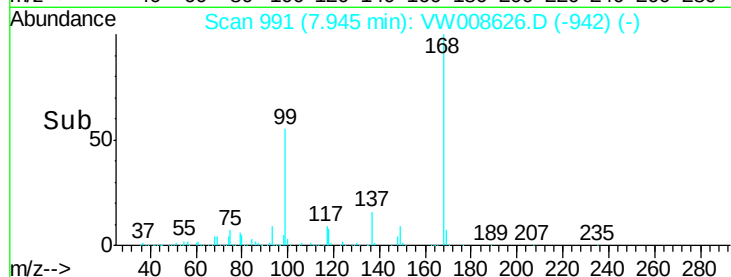
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 50.290 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008626.D

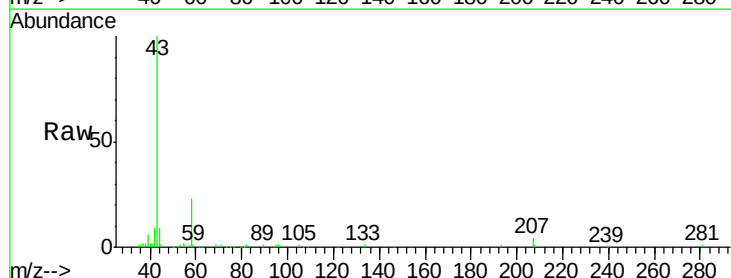
Acq: 12 Feb 2019 16:44

Tgt Ion: 43 Resp: 45338

Ion Ratio Lower Upper

43 100

58 22.8 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

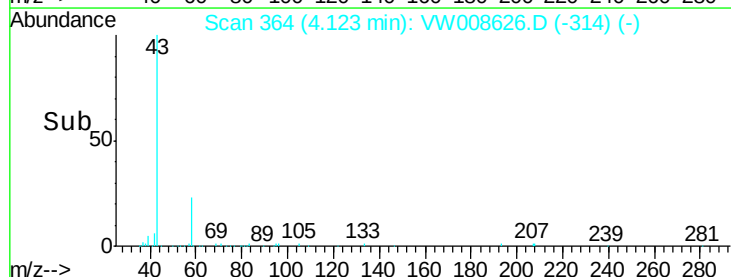
15000

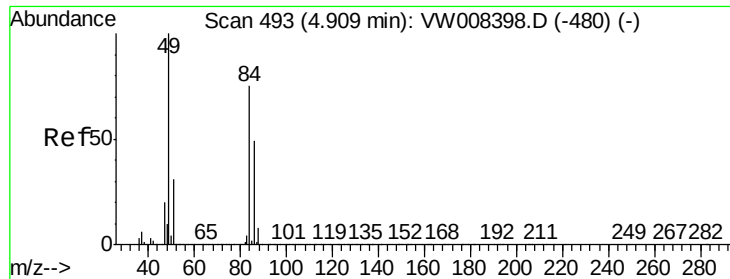
10000

5000

0

Time--> 4.00 4.10 4.20

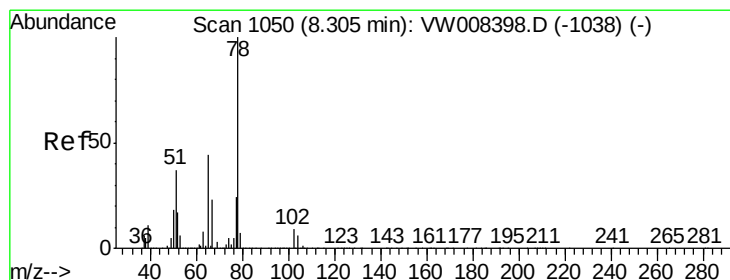
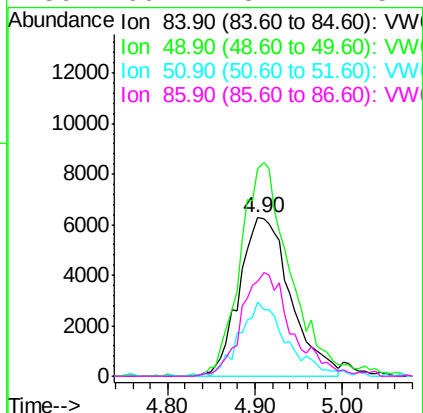
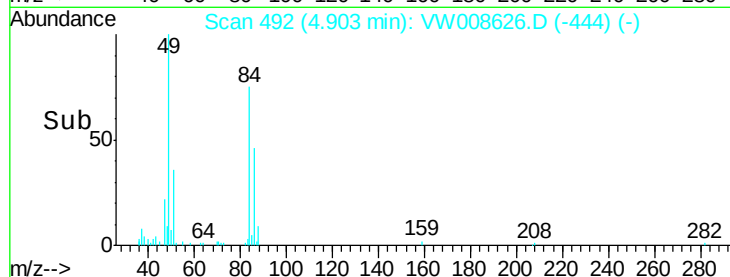
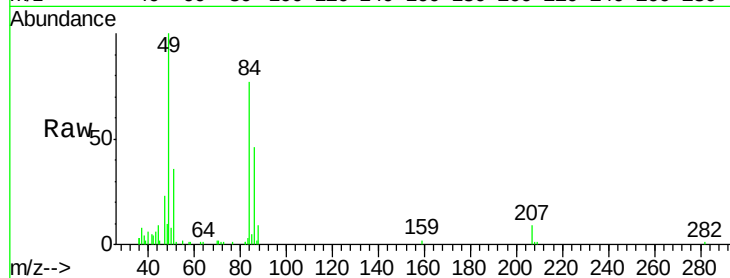




#20
Methylene Chloride
Concen: 6.173 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008626.D
Acq: 12 Feb 2019 16:44

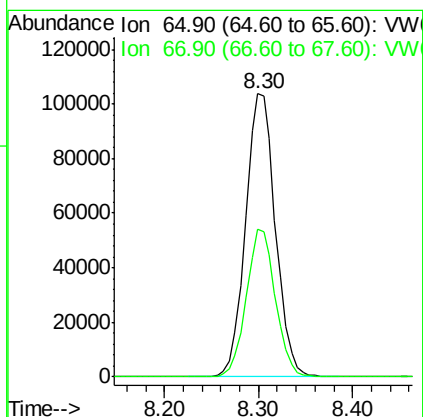
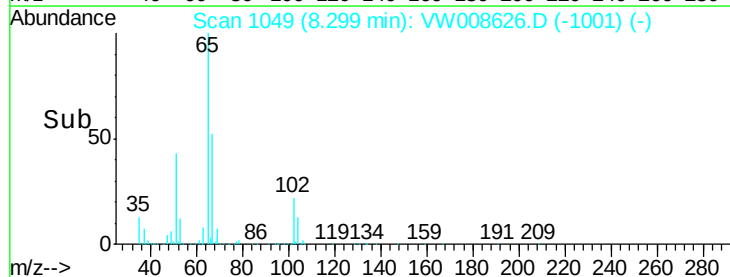
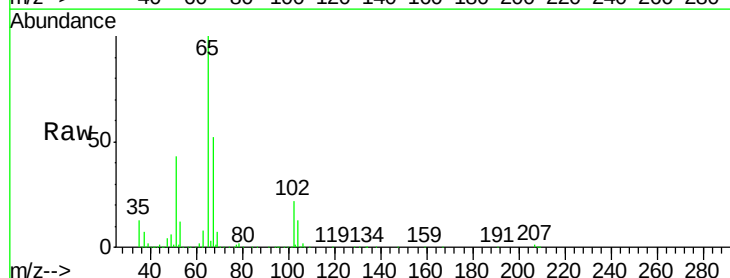
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-C

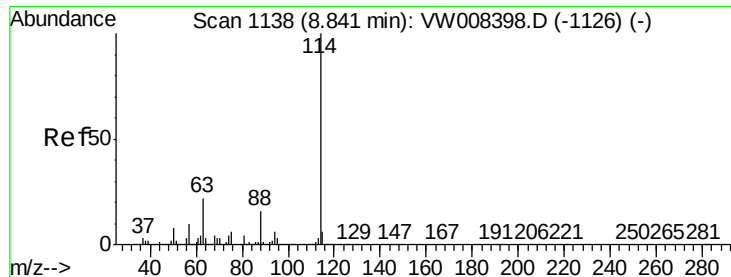
Tot Ion:	84	Resp:	25652
Ion	Ratio	Lower	Upper
84	100		
49	130.6	106.8	160.2
51	45.9	32.9	49.3
86	60.2	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 57.412 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008626.D
Acq: 12 Feb 2019 16:44

Tgt Ion:	65	Resp:	230486
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0

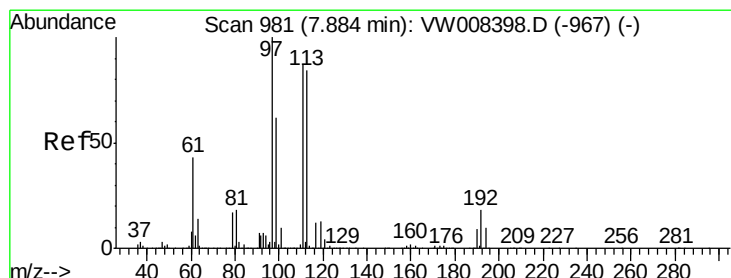
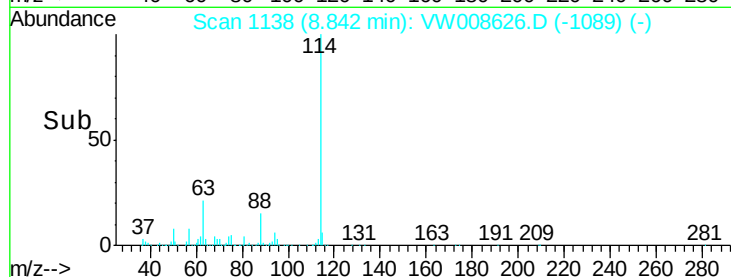
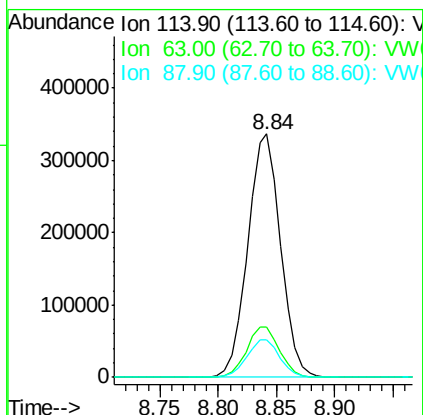
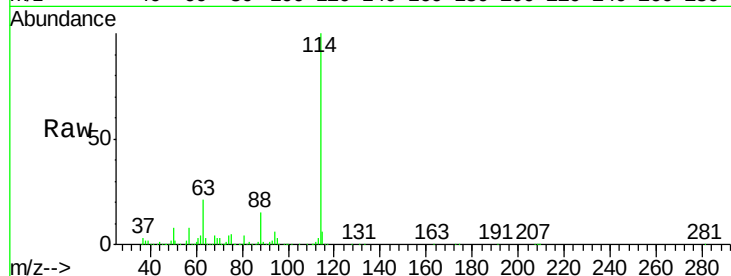




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

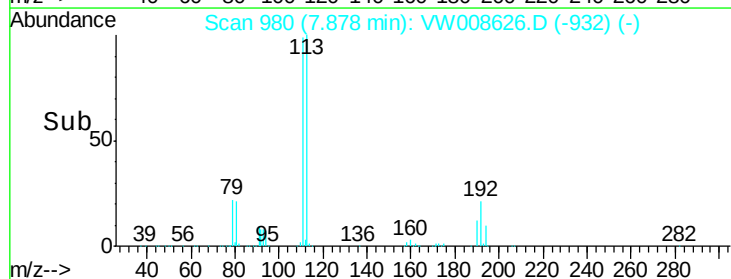
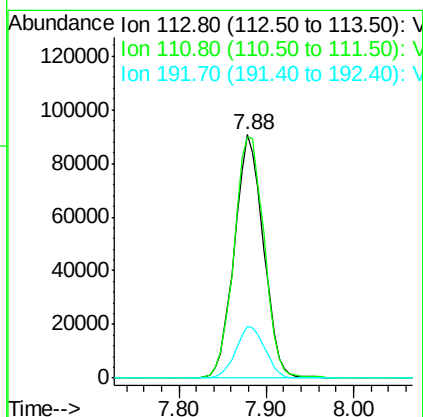
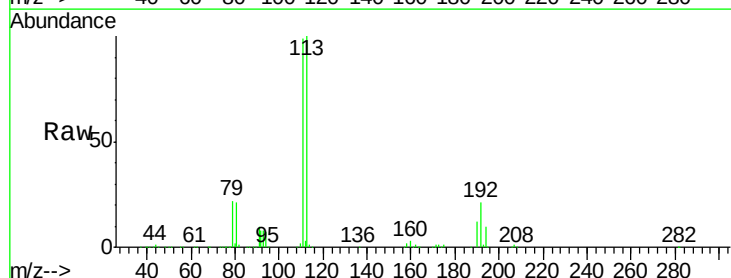
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-C

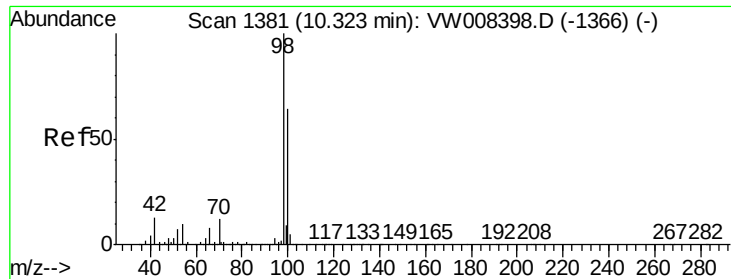
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	15.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 54.156 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	21.4	16.8	25.2





#50

Toluene-d8

Concen: 50.782 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008626.D

Acq: 12 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

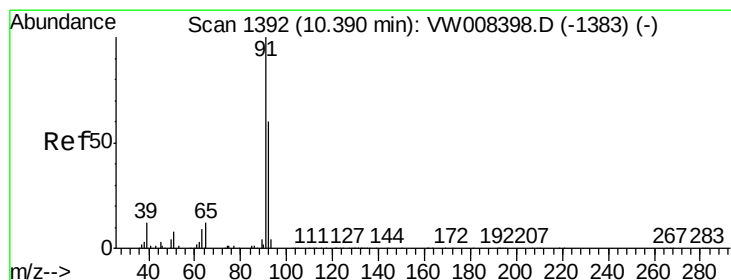
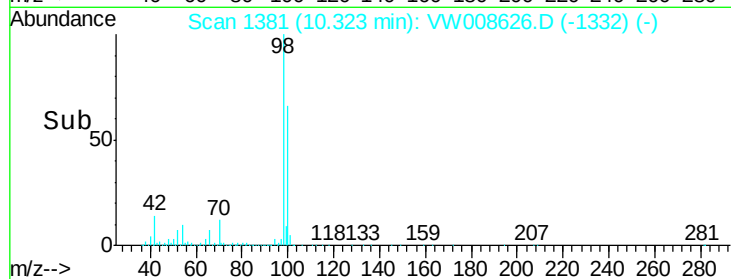
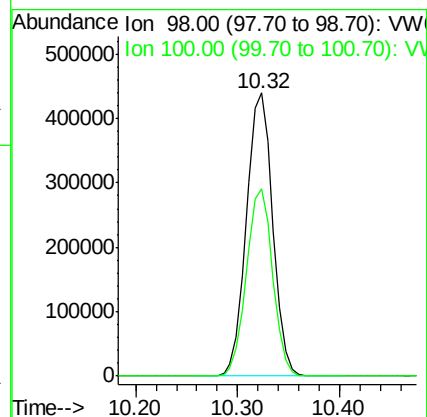
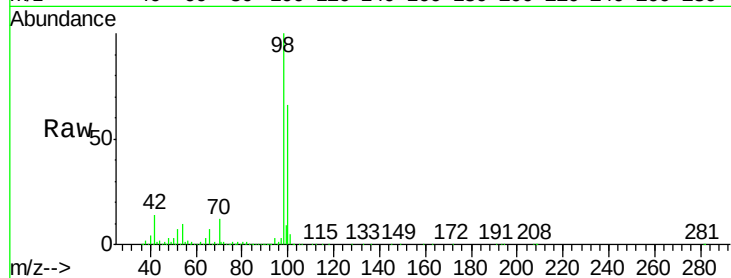
JC-02-021119-C

Tot Ion: 98 Resp: 786490

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8



#52

Toluene

Concen: 1.638 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008626.D

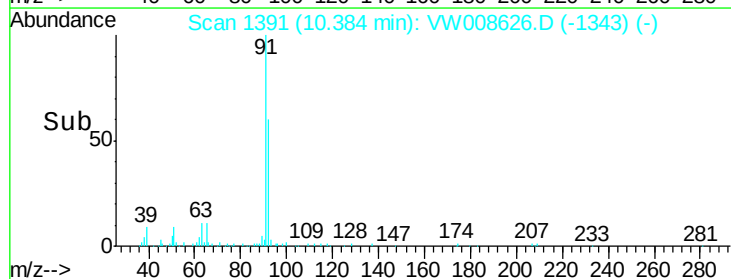
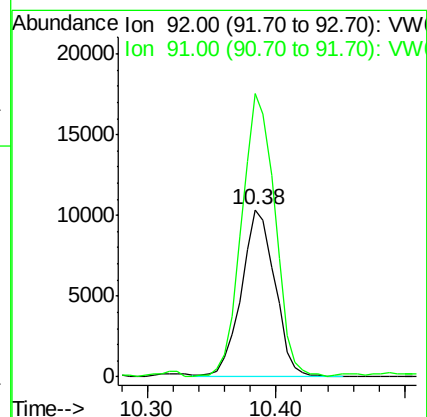
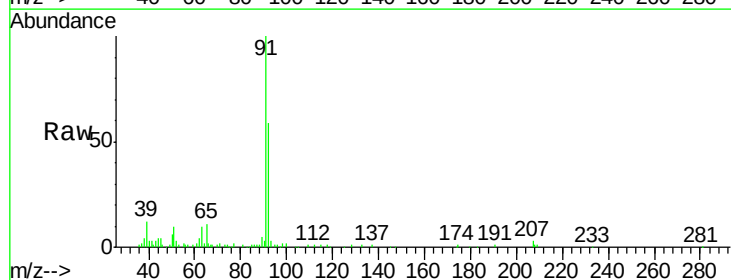
Acq: 12 Feb 2019 16:44

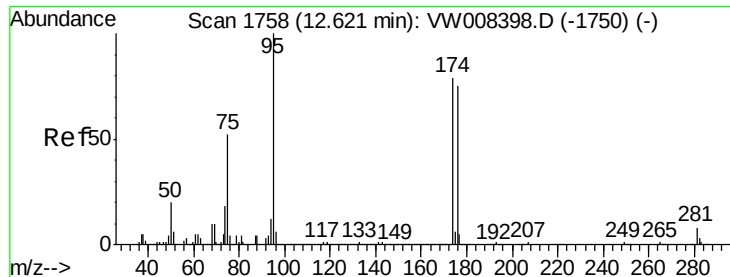
Tgt Ion: 92 Resp: 18715

Ion Ratio Lower Upper

92 100

91 167.3 135.5 203.3





#62

4-Bromofluorobenzene

Concen: 48.436 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008626.D

Acq: 12 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-C

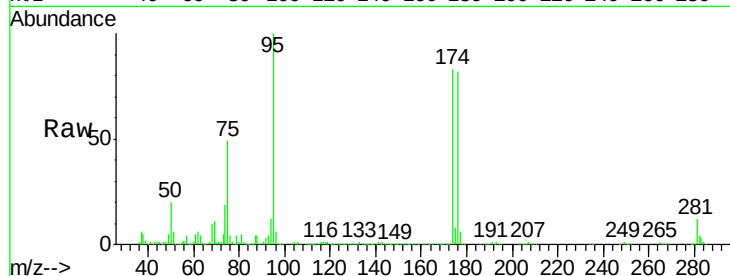
Tot Ion: 95 Resp: 288350

Ion Ratio Lower Upper

95 100

174 83.9 0.0 157.6

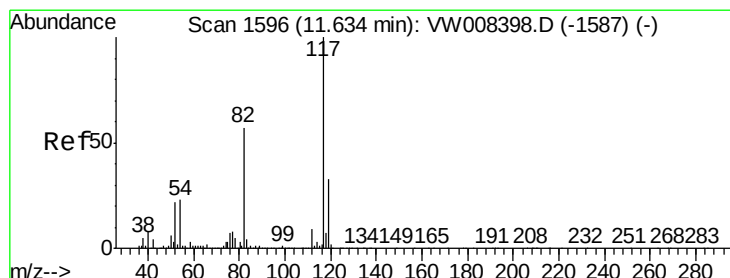
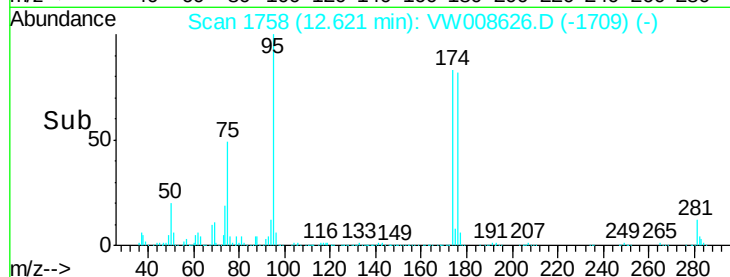
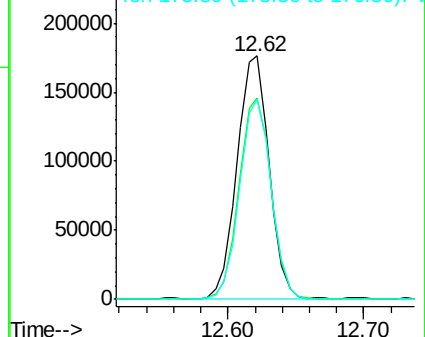
176 81.4 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008626.D

Acq: 12 Feb 2019 16:44

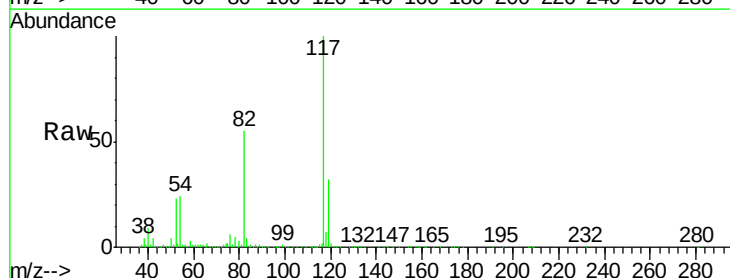
Tgt Ion: 117 Resp: 605563

Ion Ratio Lower Upper

117 100

82 55.0 45.4 68.0

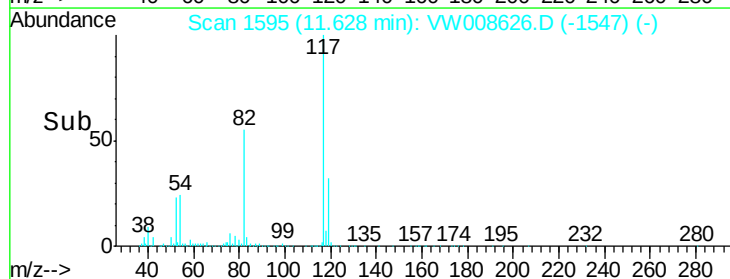
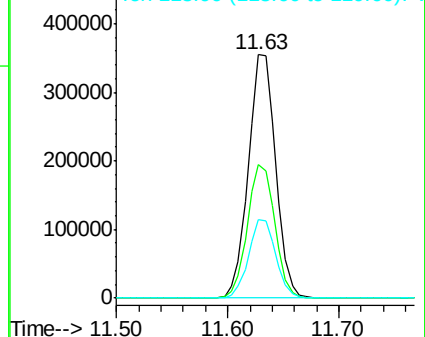
119 32.1 26.2 39.4

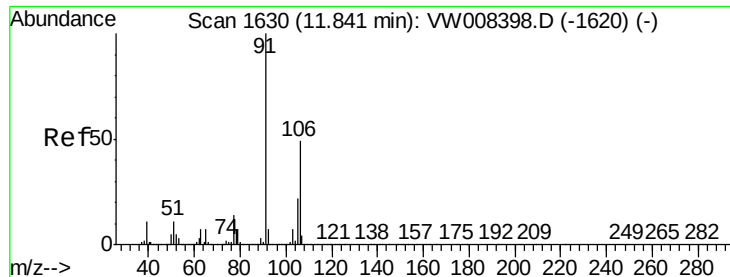


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

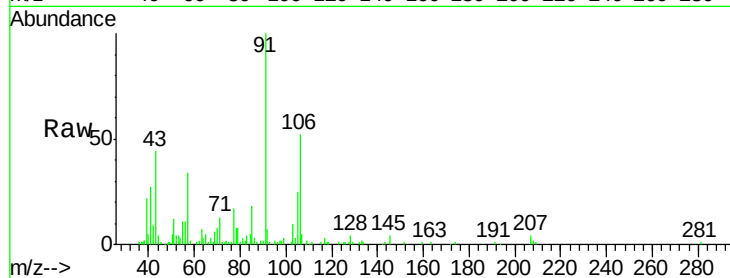




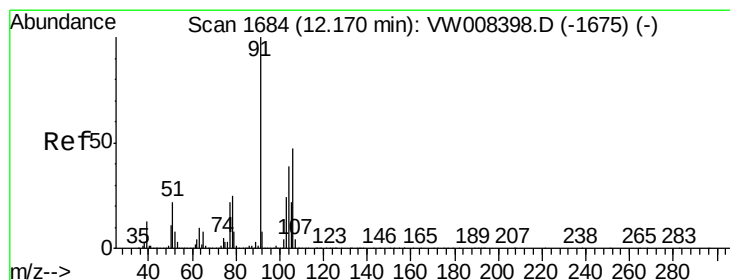
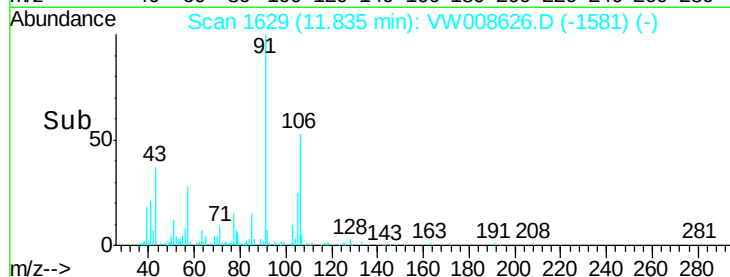
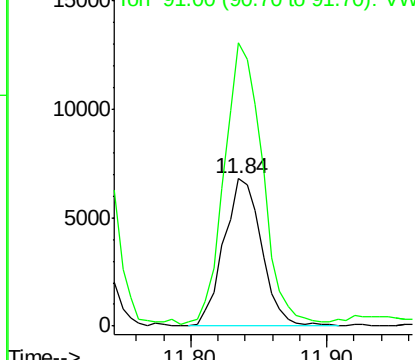
#68
m/p-Xylenes
Concen: 1.496 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008626.D
Acq: 12 Feb 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-C

Tot Ion:106 Resp: 13191
Ion Ratio Lower Upper
106 100
91 191.9 162.9 244.3

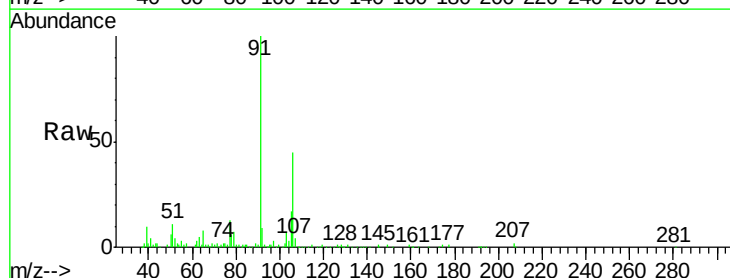


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

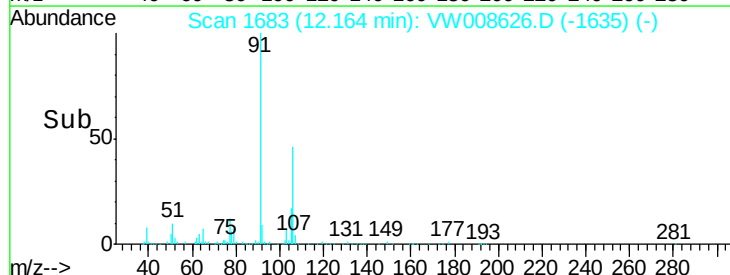
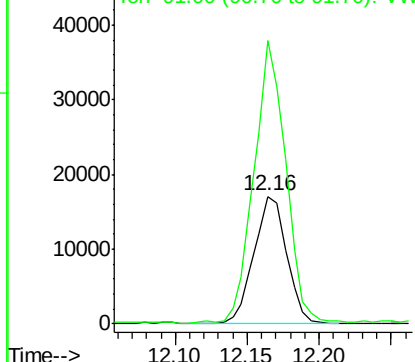


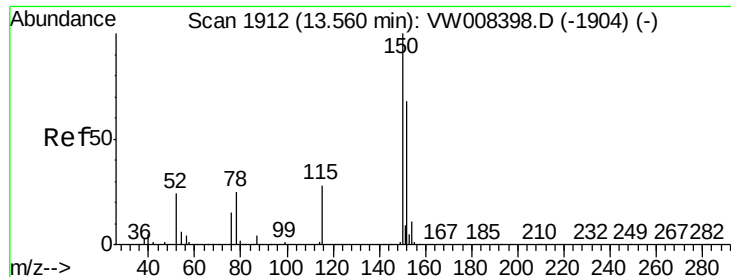
#69
o-Xylene
Concen: 3.239 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008626.D
Acq: 12 Feb 2019 16:44

Tgt Ion:106 Resp: 27131
Ion Ratio Lower Upper
106 100
91 211.5 107.5 322.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

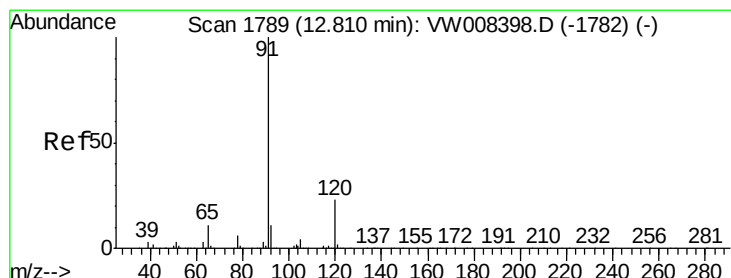
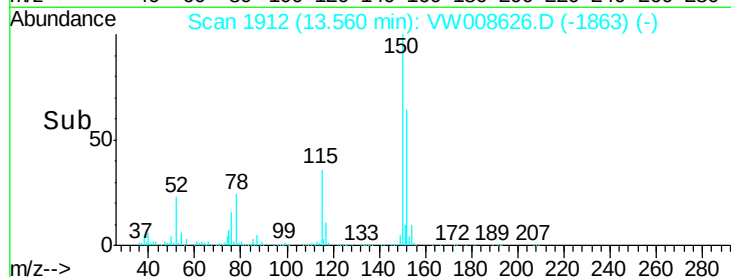
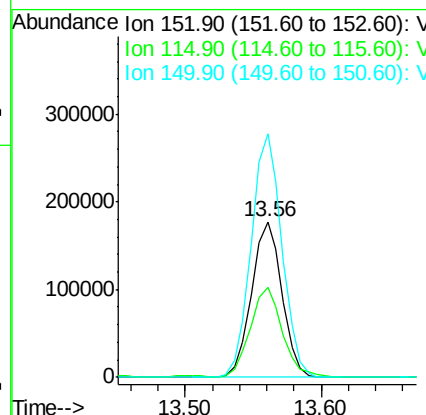
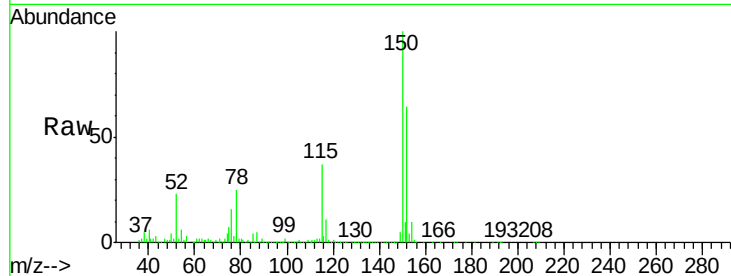




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

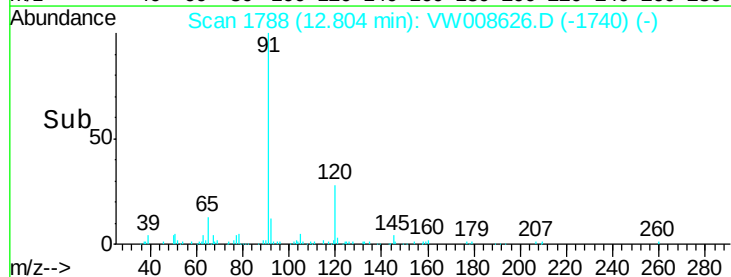
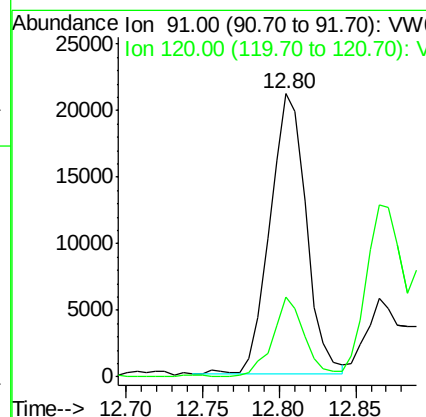
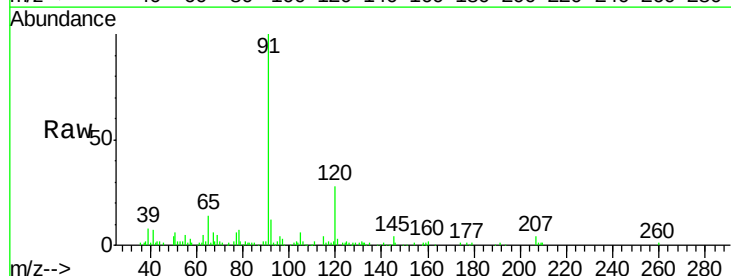
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 JC-02-021119-C

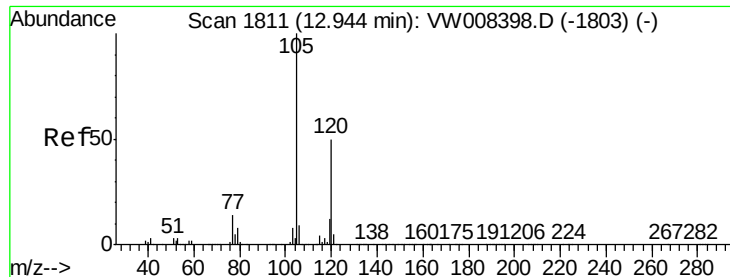
Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.9	89.7
150	157.5	0.0	351.4



#78
 n-propylbenzene
 Concen: 1.383 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.4	11.4	34.1

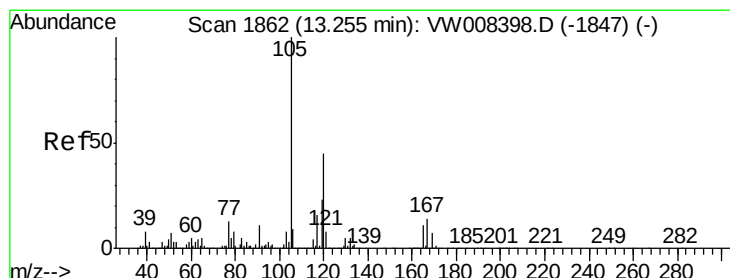
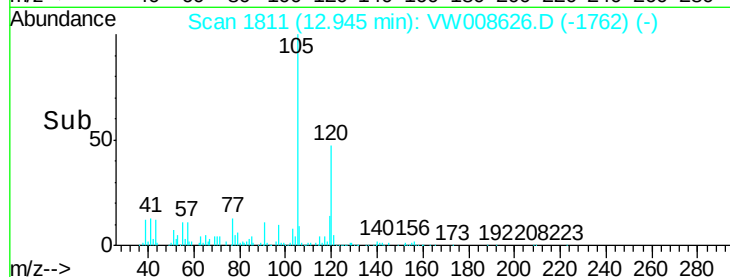
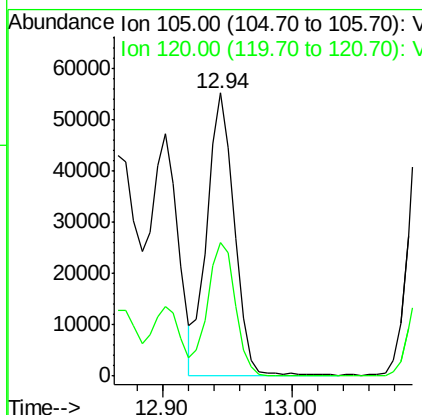
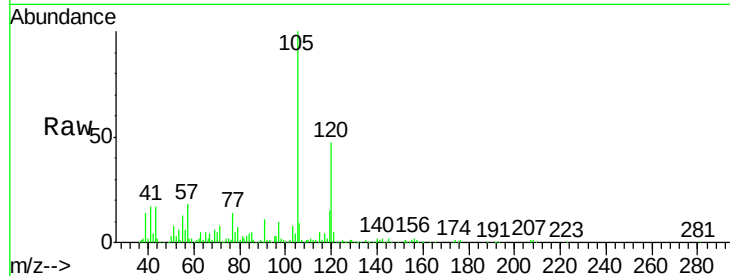




#80
 1,3,5-Trimethylbenzene
 Concen: 4.678 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

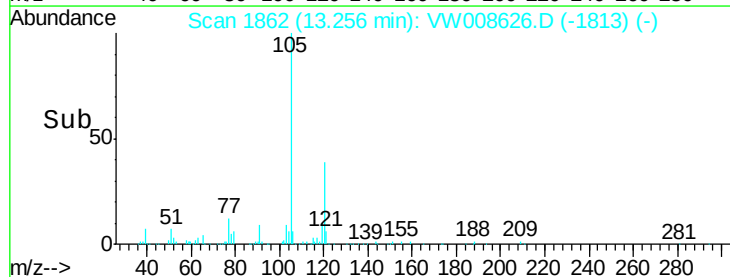
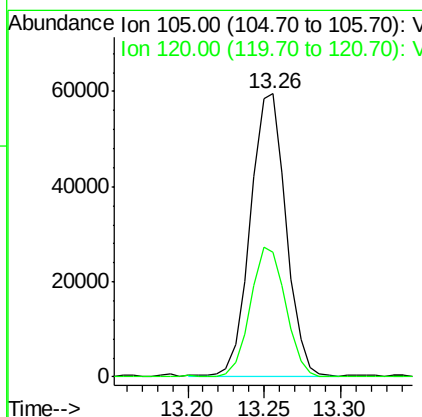
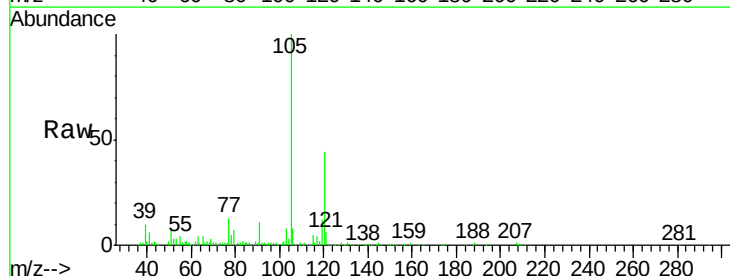
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-C

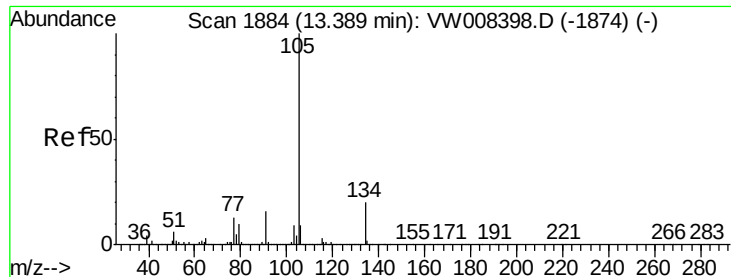
Tot Ion:105 Resp: 81230
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.433 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

Tgt Ion:105 Resp: 95893
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2

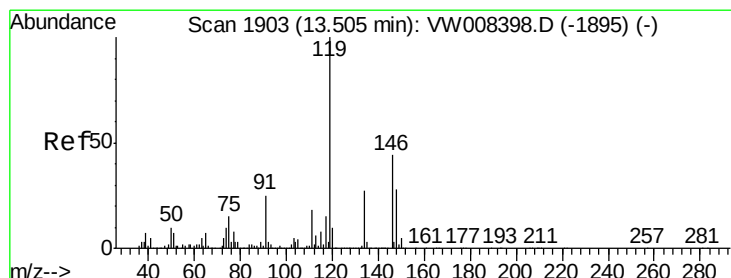
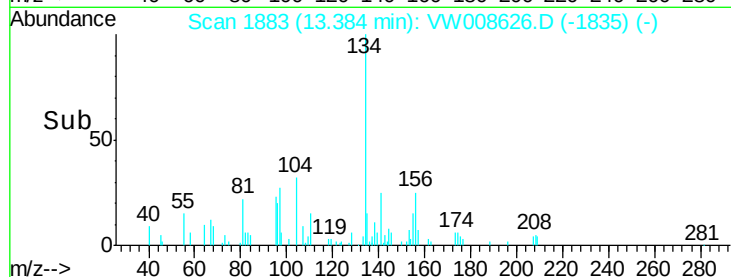
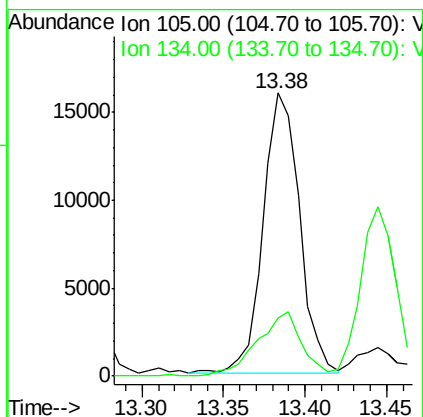
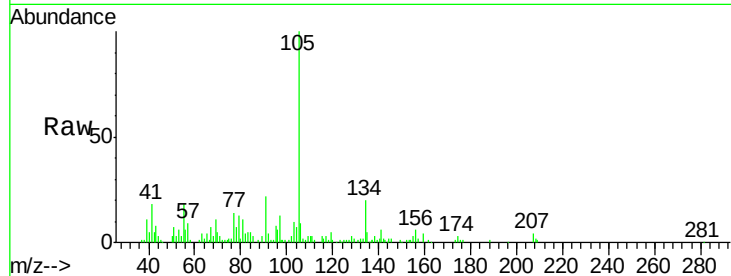




#85
 sec-Butylbenzene
 Concen: 1.126 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

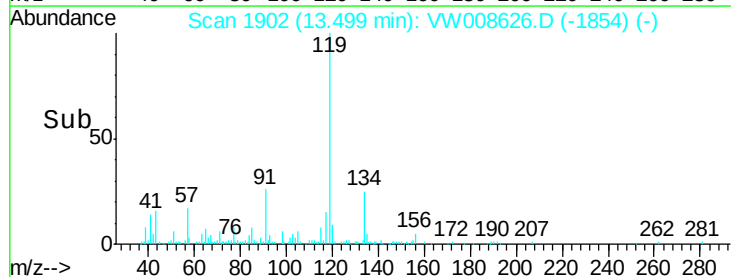
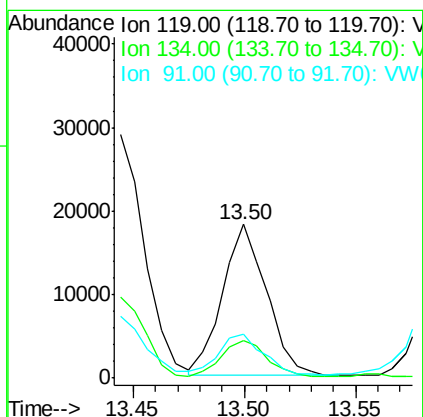
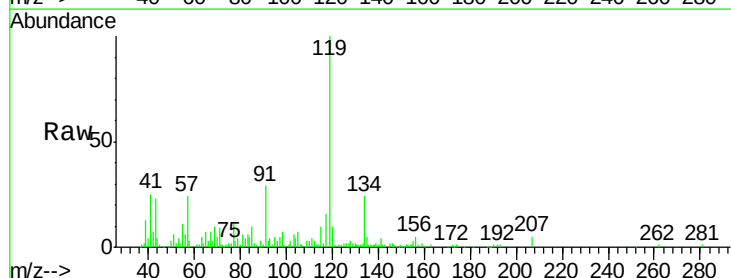
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-C

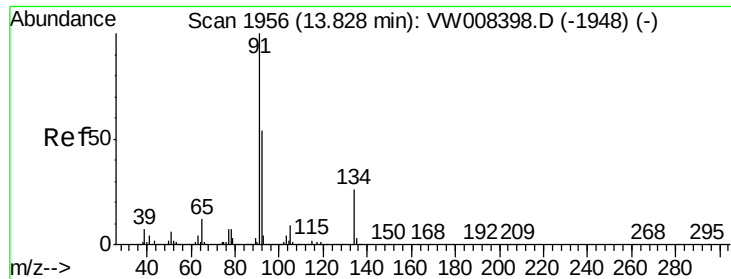
Tot Ion:105 Resp: 24842
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 1.290 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008626.D
 Acq: 12 Feb 2019 16:44

Tgt Ion:119 Resp: 24927
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.4 40.2
 91 26.5 12.6 37.6





#89

n-Butylbenzene

Concen: 1.767 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008626.D

Acq: 12 Feb 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-C

Tot Ion: 91 Resp: 33538

Ion Ratio Lower Upper

91 100

92 67.3 27.4 82.2

134 0.0 13.0 39.0#

