

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008632.D
 Acq On : 12 Feb 2019 19:26
 Operator : SY/VA
 Sample : K1343-17
 Misc : 6.66G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 13 01:30:07 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	396725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	660041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	569362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228689	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	233838	60.00	ug/l	0.00
Spiked Amount			Recovery	=	120.00%	
35) Dibromofluoromethane	7.88	113	205781	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
50) Toluene-d8	10.32	98	769700	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	264926	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	

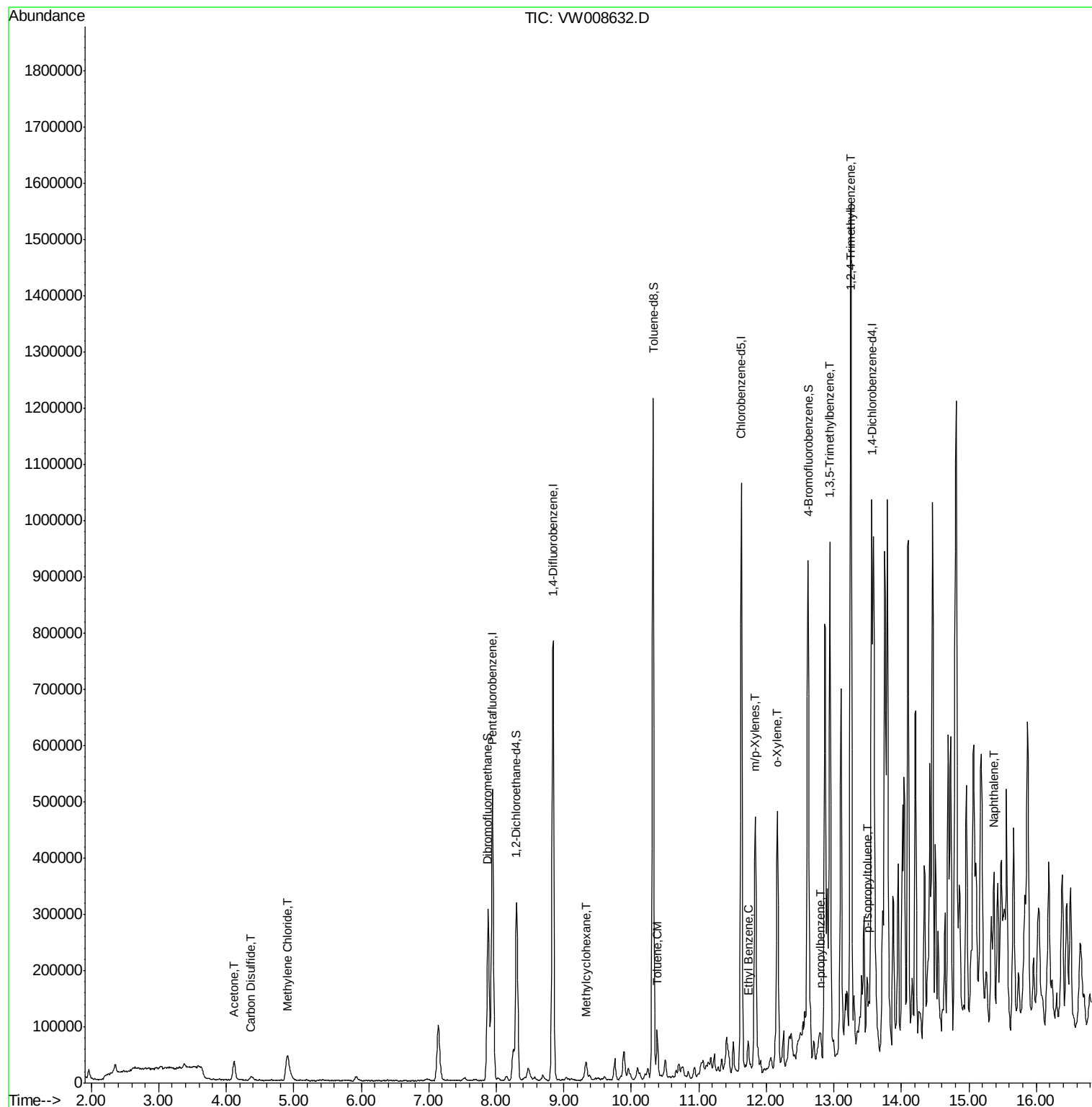
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	58215	66.514	ug/l	98
17) Carbon Disulfide	4.37	76	15090	1.301	ug/l	97
20) Methylene Chloride	4.90	84	40272	9.983	ug/l	96
39) Methylcyclohexane	9.33	83	11897	1.453	ug/l	92
52) Toluene	10.39	92	36011	3.153	ug/l	99
67) Ethyl Benzene	11.73	91	30659	1.435	ug/l	95
68) m/p-Xylenes	11.83	106	121190	14.620	ug/l	97
69) o-Xylene	12.16	106	114367	14.521	ug/l	96
78) n-propylbenzene	12.80	91	33002	1.612	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	410495	28.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	837008	57.787	ug/l	100
86) p-Isopropyltoluene	13.50	119	35127	2.214	ug/l	96
95) Naphthalene	15.37	128	187651	22.508	ug/l	98

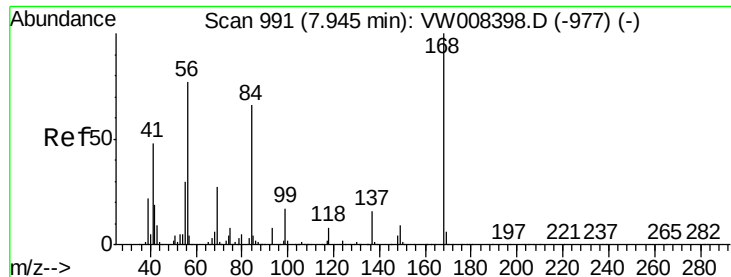
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021219\
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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: VW008632.D

Acq: 12 Feb 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

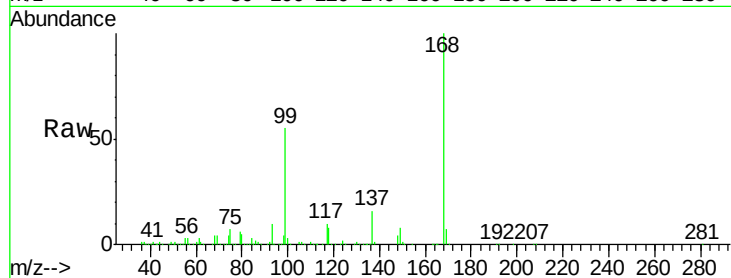
JC-02-021119-I

Tot Ion:168 Resp: 396725

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

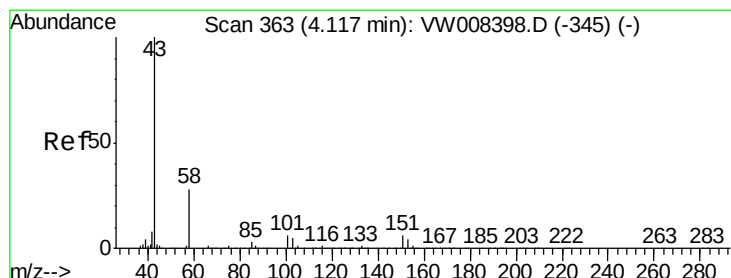
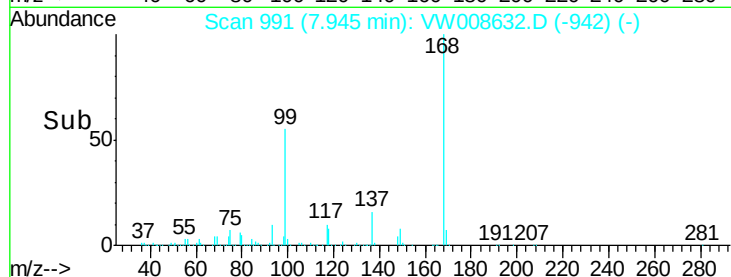
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 66.514 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008632.D

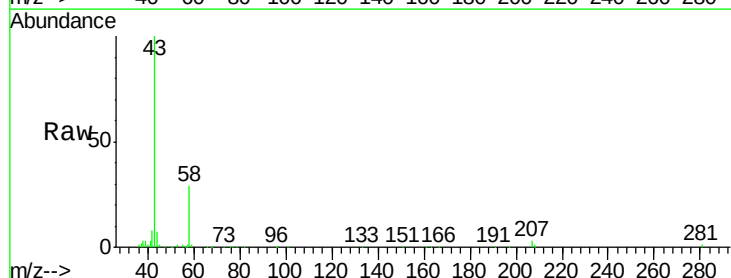
Acq: 12 Feb 2019 19:26

Tgt Ion: 43 Resp: 58215

Ion Ratio Lower Upper

43 100

58 29.2 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

25000

20000

15000

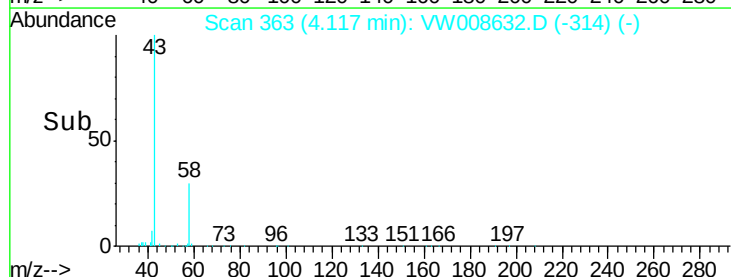
10000

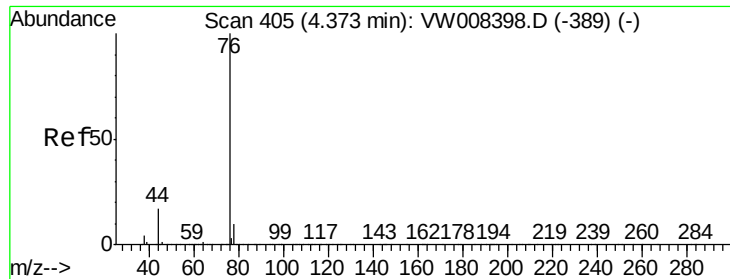
5000

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 1.301 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008632.D

Acq: 12 Feb 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

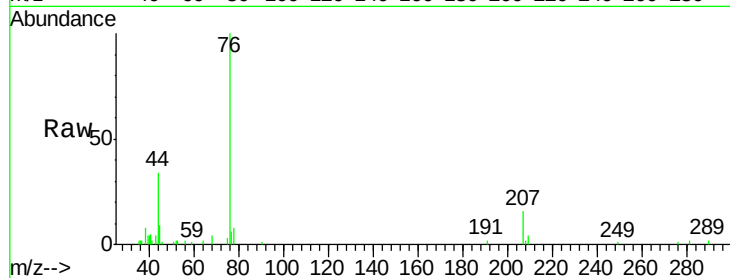
JC-02-021119-I

Tot Ion: 76 Resp: 15090

Ion Ratio Lower Upper

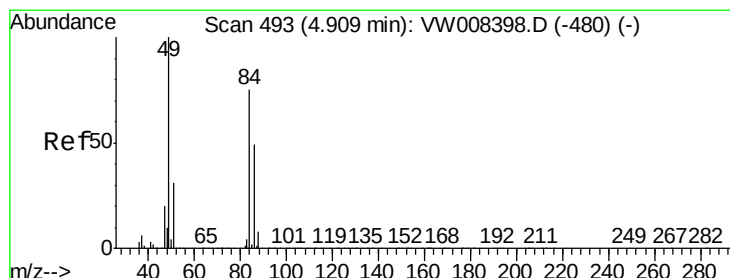
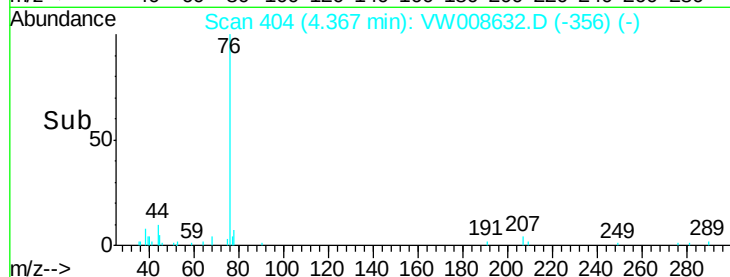
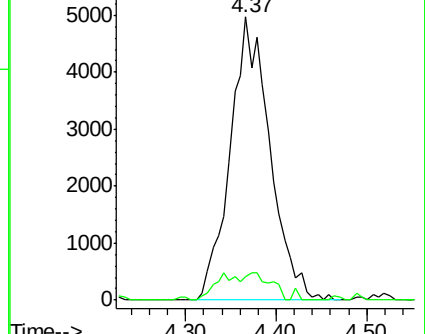
76 100

78 8.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 9.983 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008632.D

Acq: 12 Feb 2019 19:26

Tgt Ion: 84 Resp: 40272

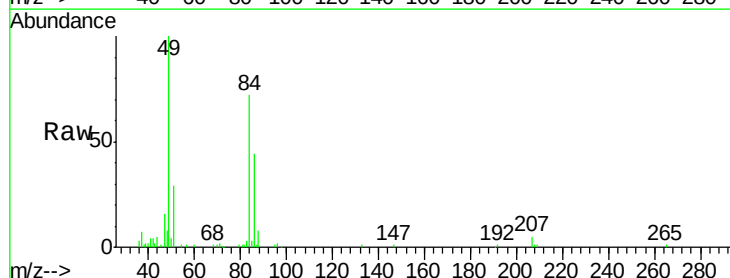
Ion Ratio Lower Upper

84 100

49 138.9 106.8 160.2

51 40.2 32.9 49.3

86 61.4 52.2 78.2

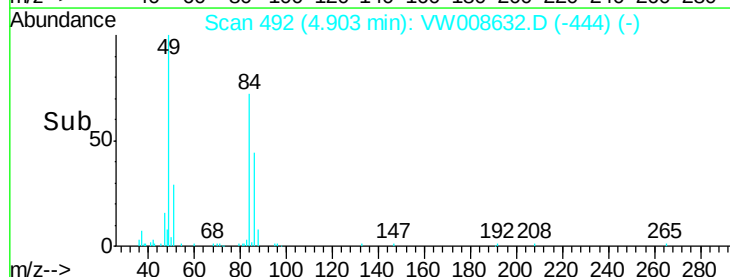
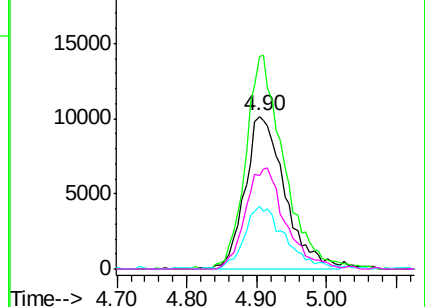


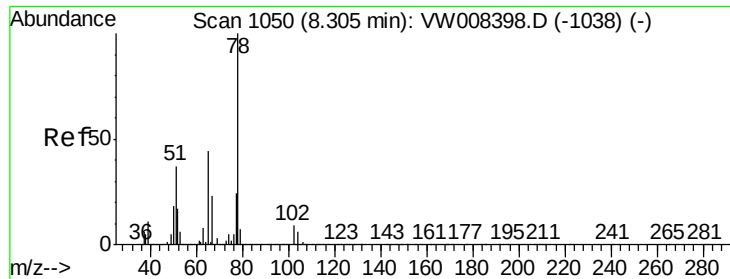
Abundance Ion 83.90 (83.60 to 84.60): VW

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

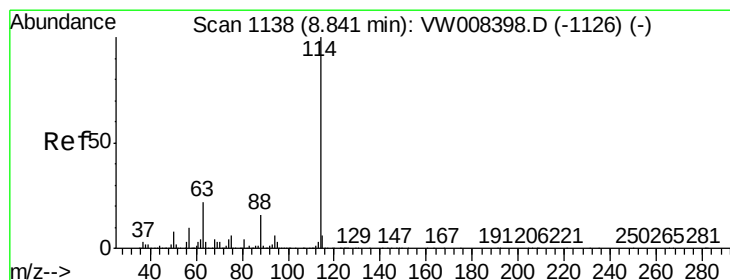
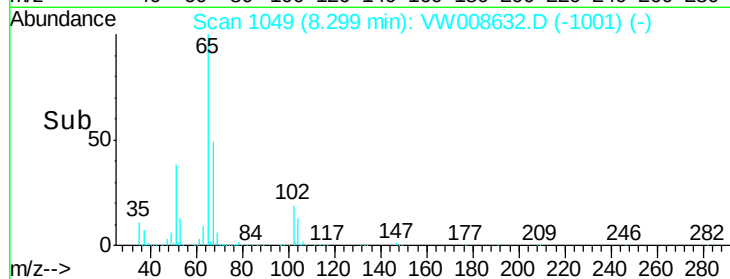
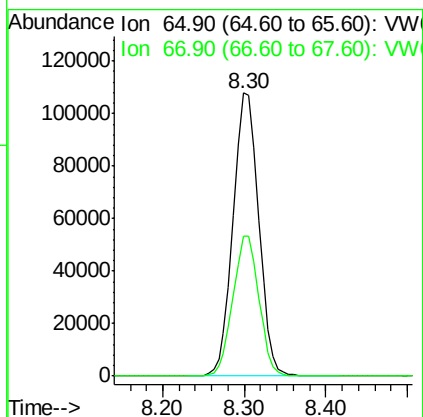
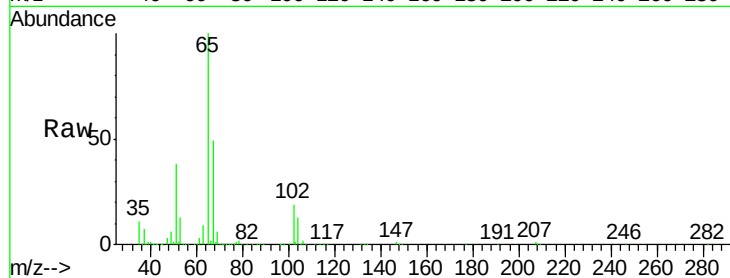




#33
 1,2-Dichloroethane-d4
 Concen: 59.998 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008632.D
 Acq: 12 Feb 2019 19:26

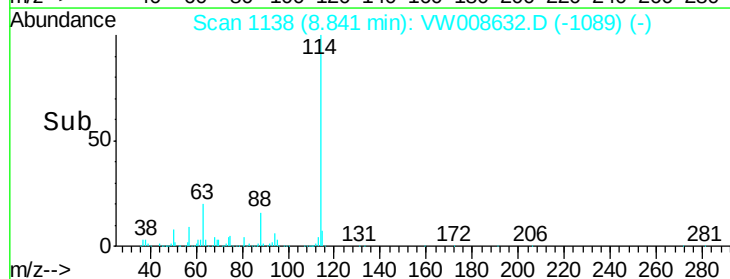
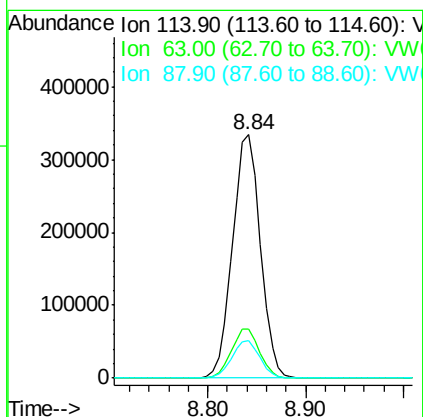
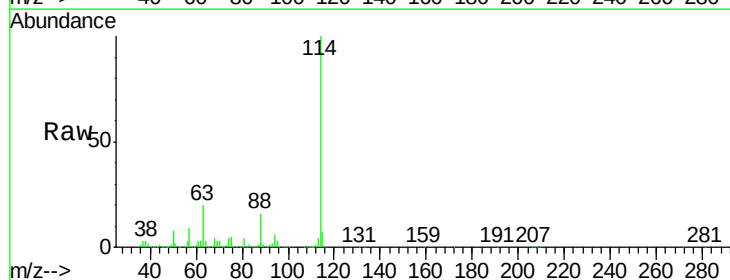
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-I

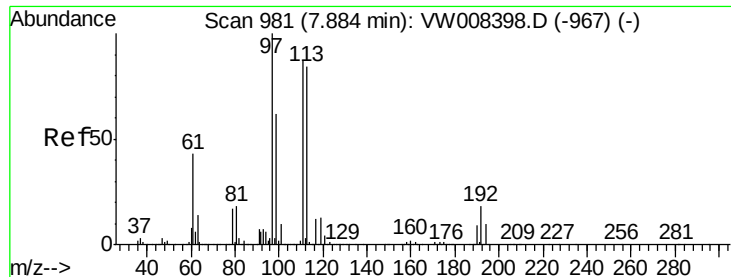
Tot Ion: 65 Resp: 233838
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008632.D
 Acq: 12 Feb 2019 19:26

Tgt Ion: 114 Resp: 660041
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.6
 88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.318 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008632.D

Acq: 12 Feb 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

JC-02-021119-I

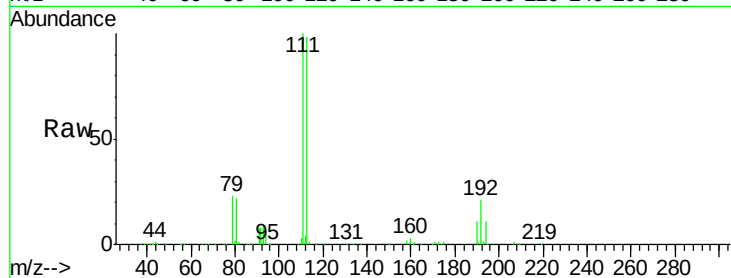
Tot Ion:113 Resp: 205781

Ion Ratio Lower Upper

113 100

111 104.1 81.0 121.4

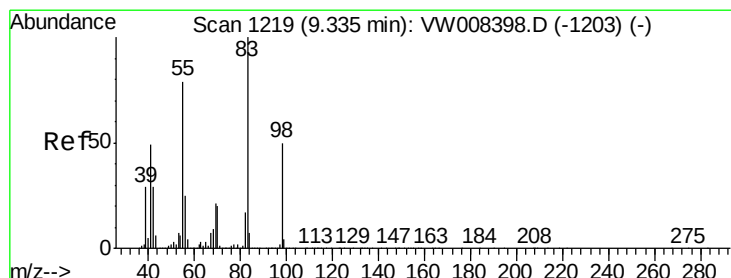
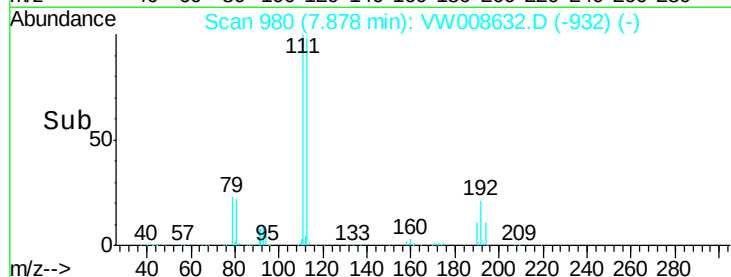
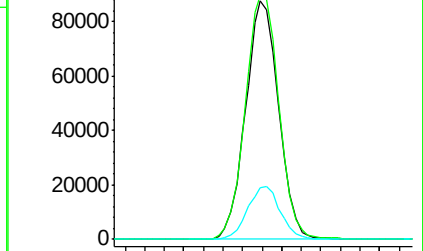
192 22.0 16.8 25.2



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



#39

Methylcyclohexane

Concen: 1.453 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008632.D

Acq: 12 Feb 2019 19:26

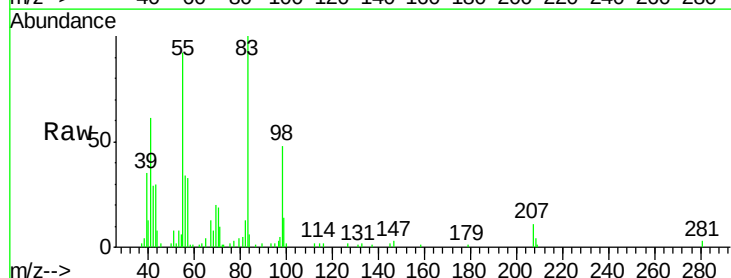
Tgt Ion: 83 Resp: 11897

Ion Ratio Lower Upper

83 100

55 90.0 63.3 94.9

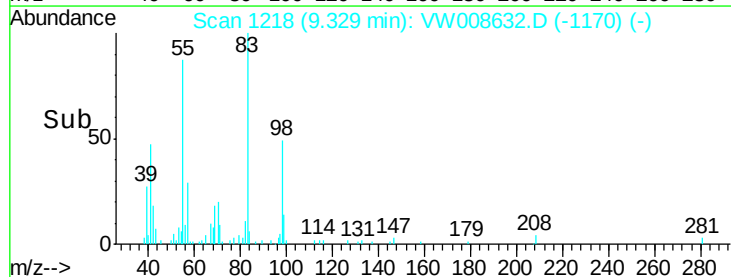
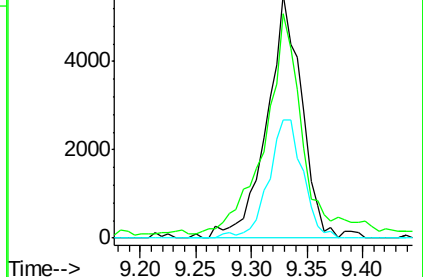
98 48.4 39.7 59.5

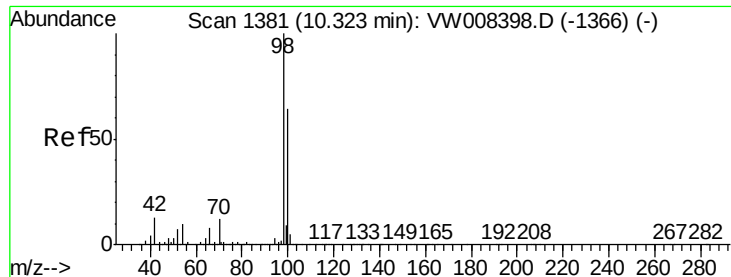


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 49.733 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008632.D

Acq: 12 Feb 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

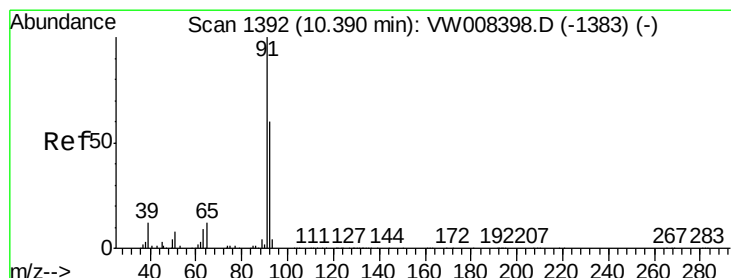
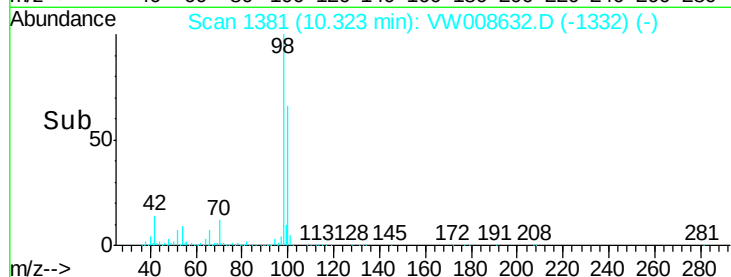
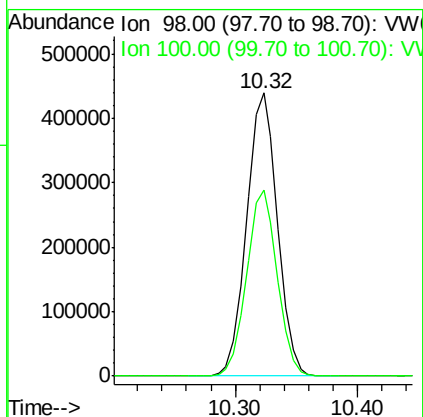
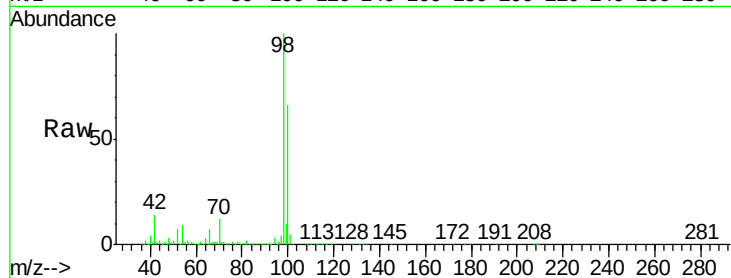
JC-02-021119-I

Tot Ion: 98 Resp: 769700

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#52

Toluene

Concen: 3.153 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008632.D

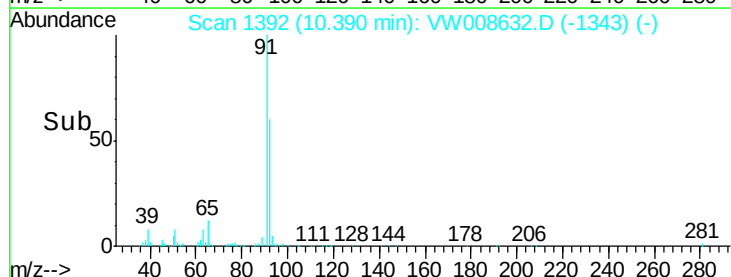
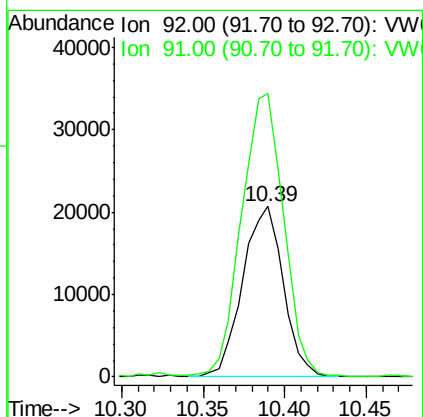
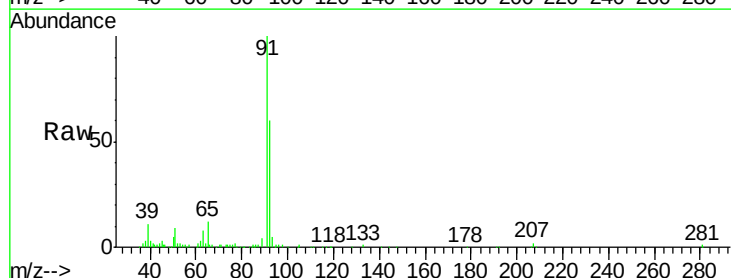
Acq: 12 Feb 2019 19:26

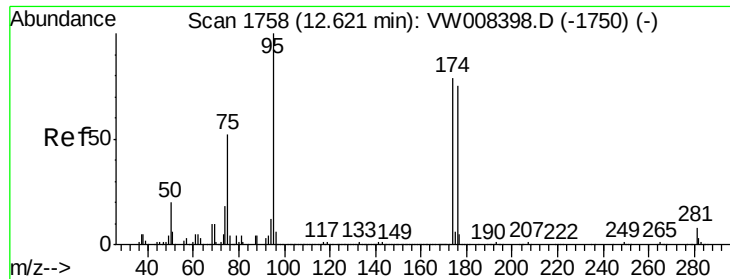
Tgt Ion: 92 Resp: 36011

Ion Ratio Lower Upper

92 100

91 171.0 135.5 203.3

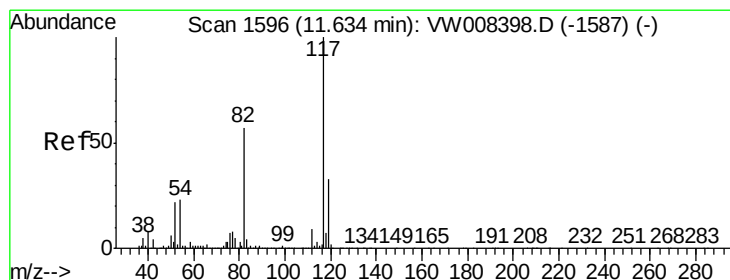
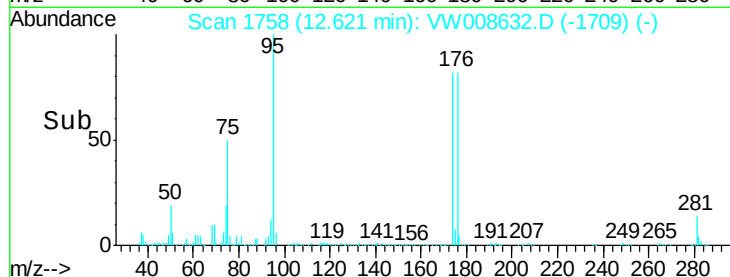
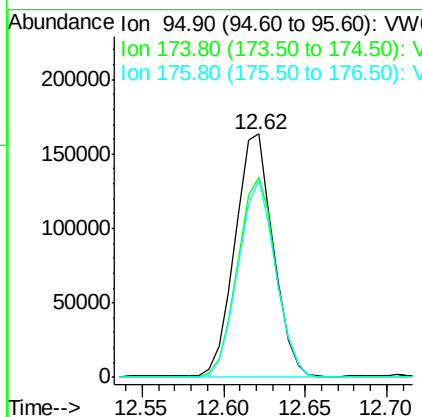
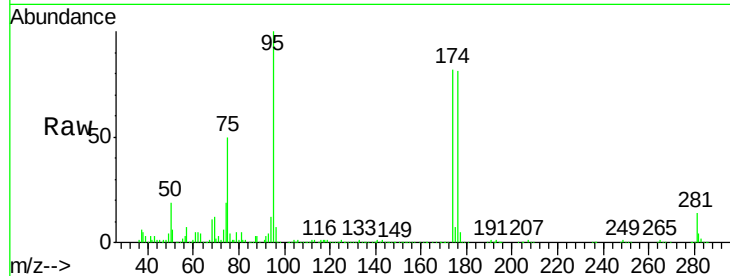




#62
4-Bromofluorobenzene
Concen: 44.533 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008632.D
Acq: 12 Feb 2019 19:26

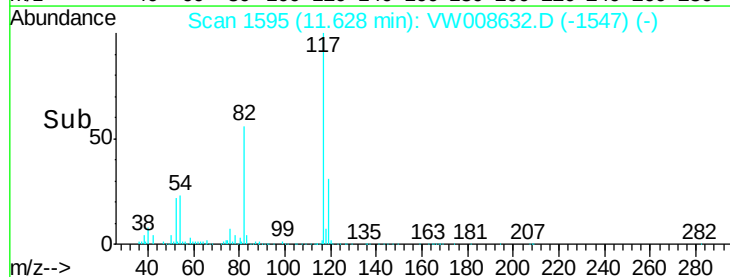
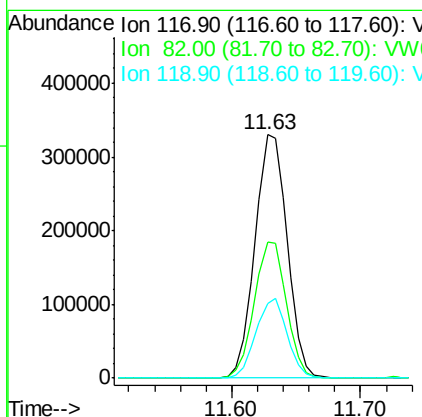
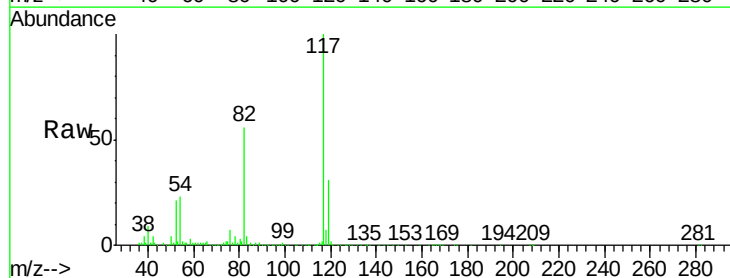
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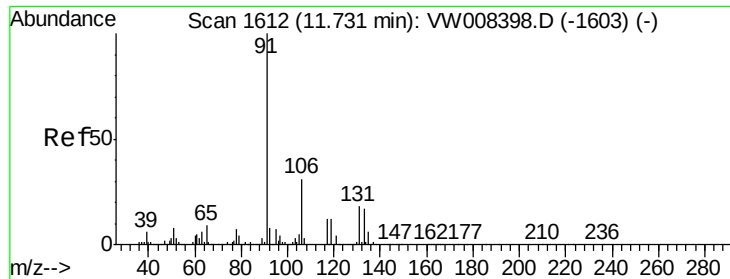
Tot Ion	95	Resp	264926
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	157.6
176	80.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008632.D
Acq: 12 Feb 2019 19:26

Tgt Ion	117	Resp	569362
Ion Ratio	Lower	Upper	
117	100		
82	56.0	45.4	68.0
119	30.8	26.2	39.4

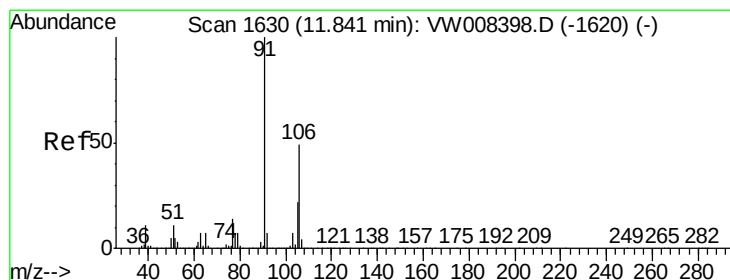
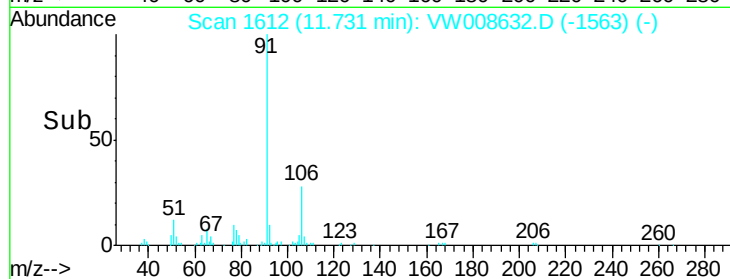
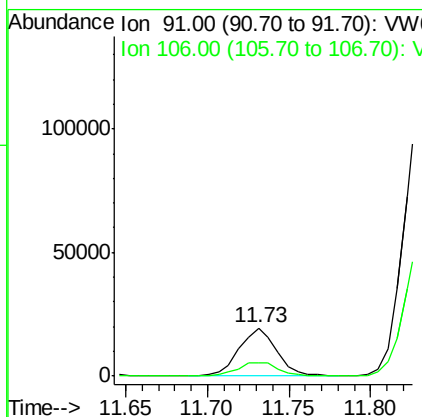
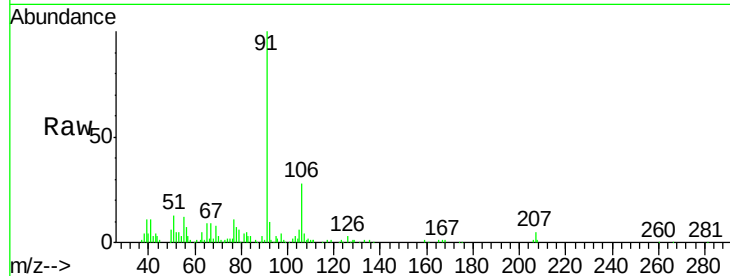




#67
Ethyl Benzene
Concen: 1.435 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008632.D
Acq: 12 Feb 2019 19:26

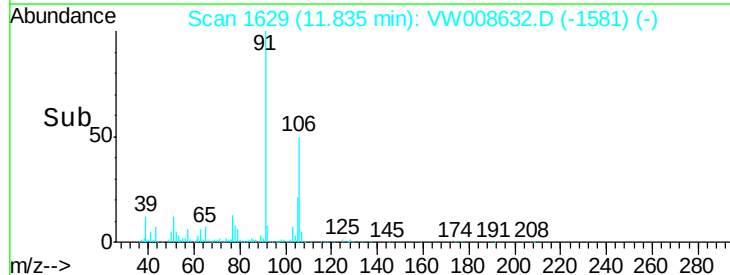
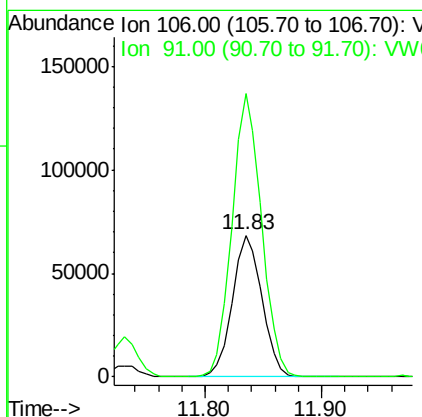
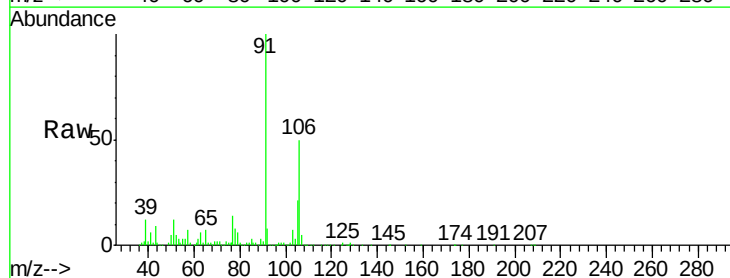
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MSVOA_W
ClientSampleId :
JC-02-021119-I

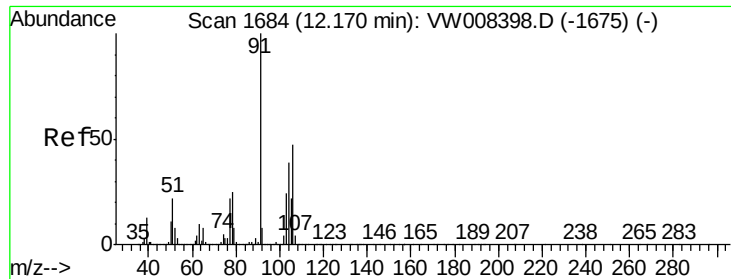
Tot Ion: 91 Resp: 30659
Ion Ratio Lower Upper
91 100
106 27.9 24.7 37.1



#68
m/p-Xylenes
Concen: 14.620 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008632.D
Acq: 12 Feb 2019 19:26

Tgt Ion: 106 Resp: 121190
Ion Ratio Lower Upper
106 100
91 198.4 162.9 244.3

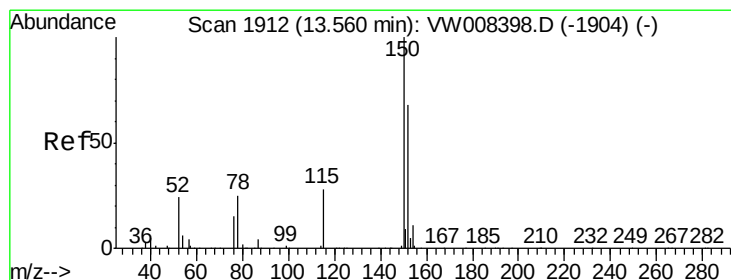
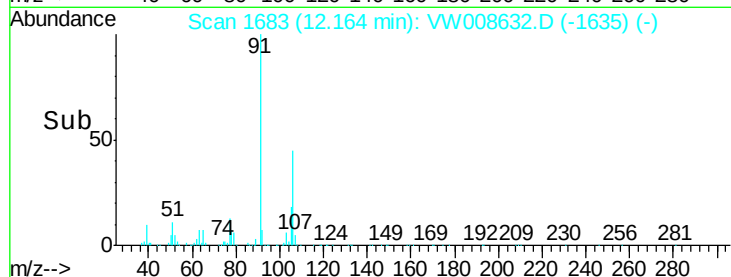
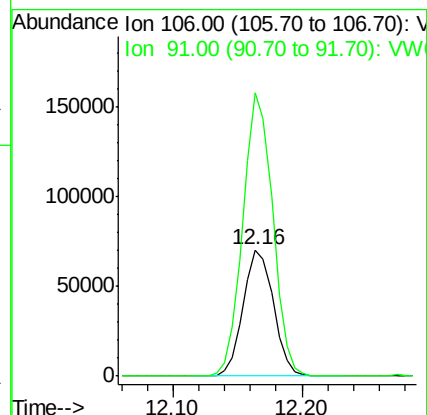
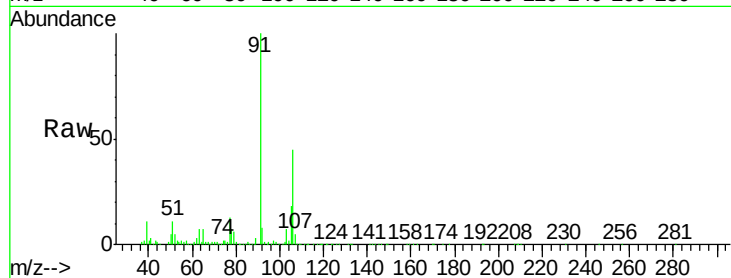




#69
o-Xylene
Concen: 14.521 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008632.D
Acq: 12 Feb 2019 19:26

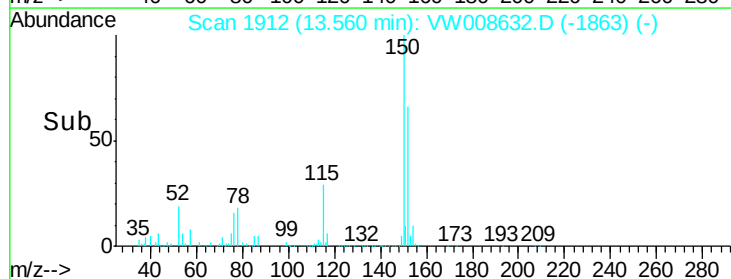
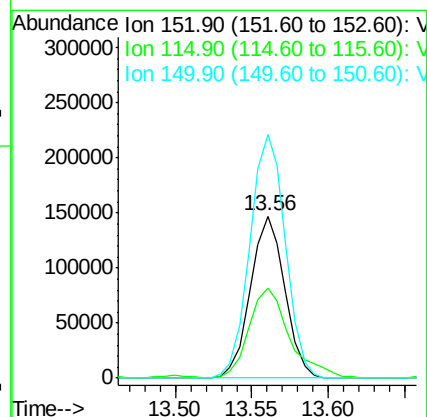
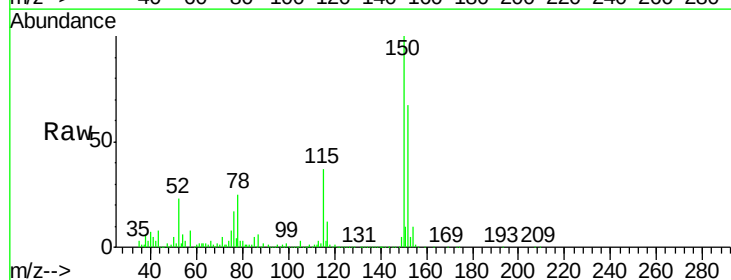
Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-I

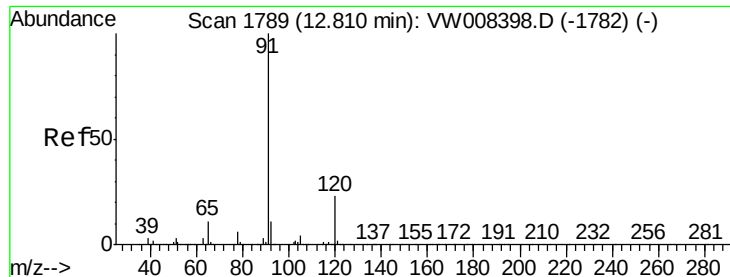
Tot Ion:106 Resp: 114367
Ion Ratio Lower Upper
106 100
91 221.0 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008632.D
Acq: 12 Feb 2019 19:26

Tgt Ion:152 Resp: 228689
Ion Ratio Lower Upper
152 100
115 65.5 29.9 89.7
150 155.6 0.0 351.4





#78

n-propylbenzene

Concen: 1.612 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008632.D

Acq: 12 Feb 2019 19:26

Instrument :

MSVOA_W

ClientSampleId :

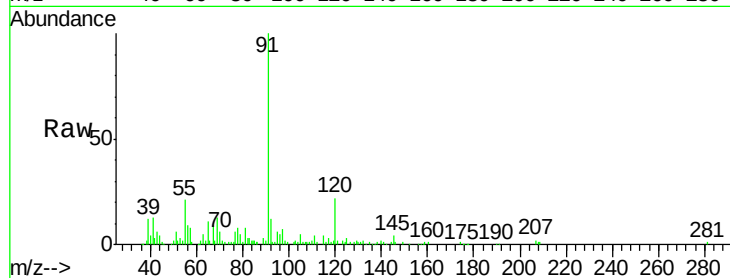
JC-02-021119-I

Tot Ion: 91 Resp: 33002

Ion Ratio Lower Upper

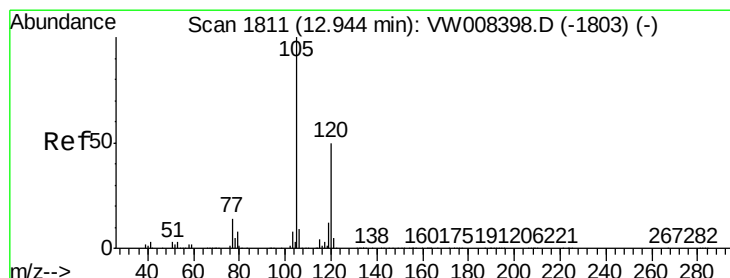
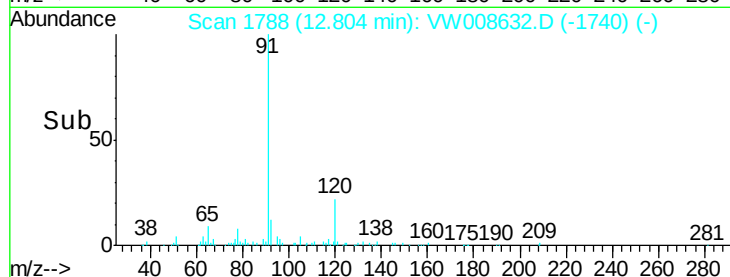
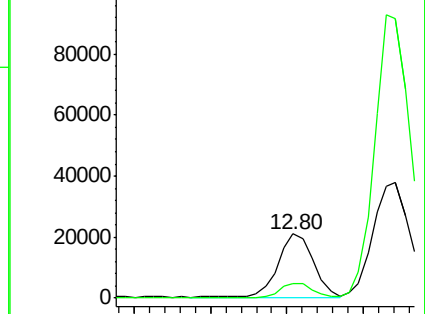
91 100

120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 28.806 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008632.D

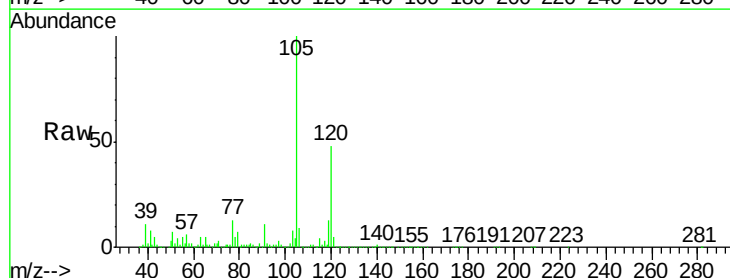
Acq: 12 Feb 2019 19:26

Tgt Ion: 105 Resp: 410495

Ion Ratio Lower Upper

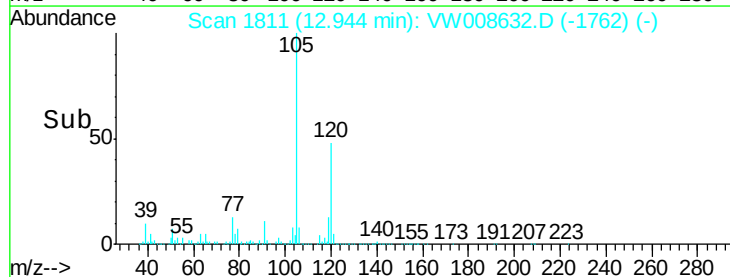
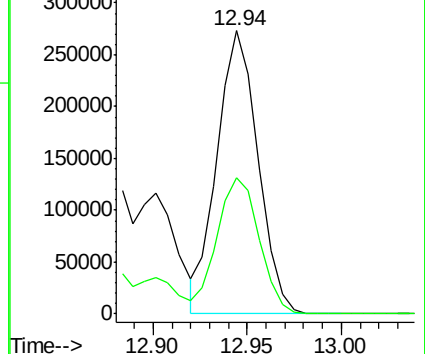
105 100

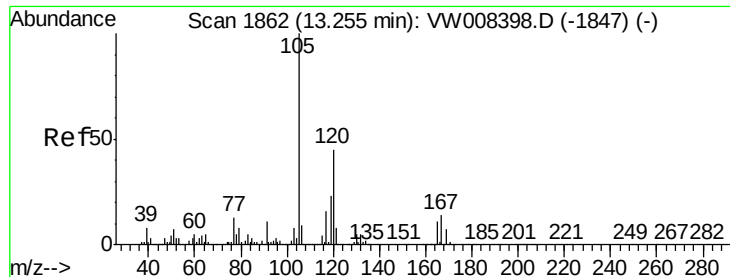
120 49.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

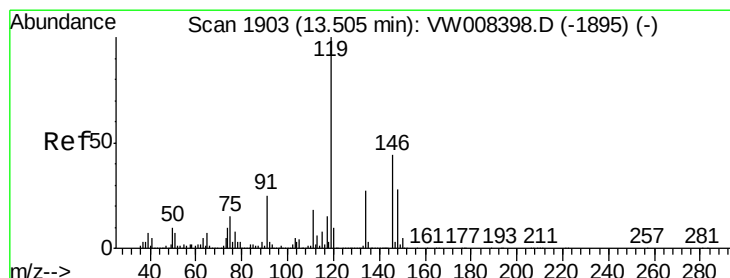
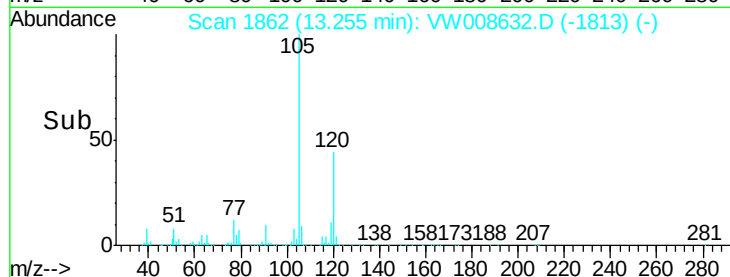
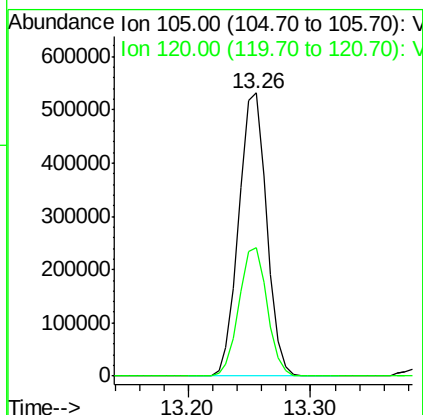
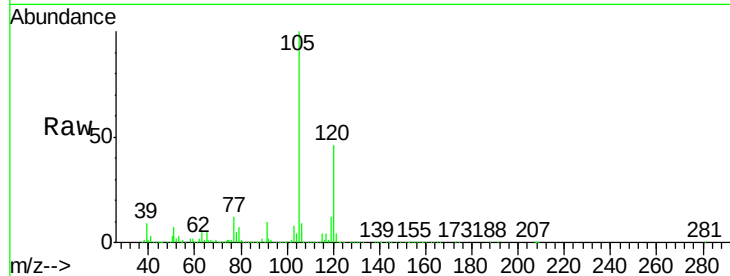




#84
 1,2,4-Trimethylbenzene
 Concen: 57.787 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008632.D
 Acq: 12 Feb 2019 19:26

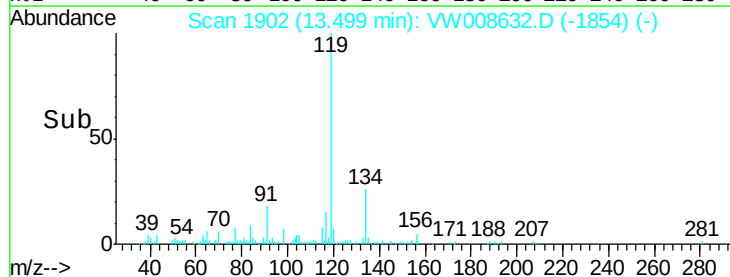
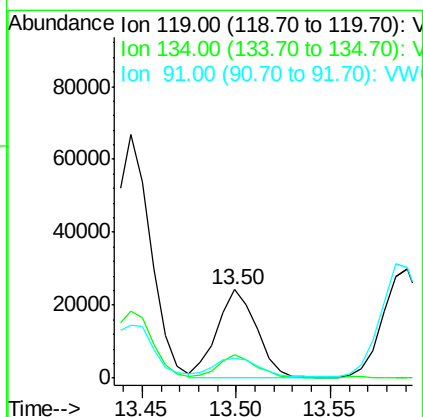
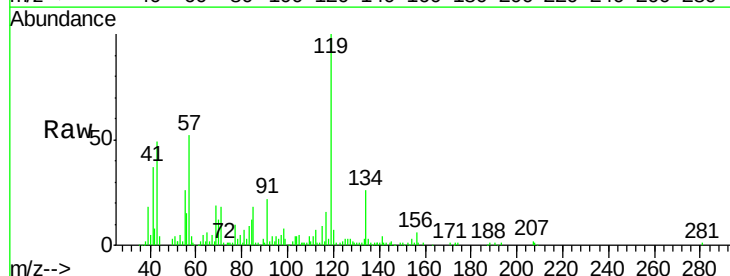
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-021119-I

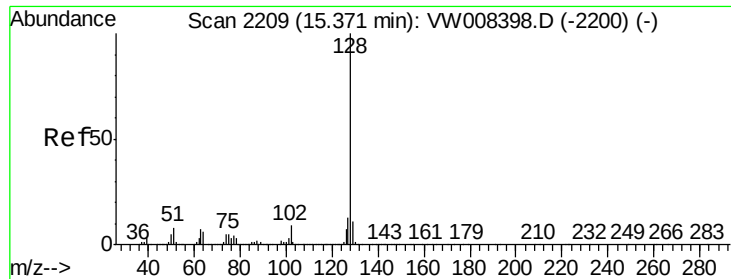
Tot Ion:105 Resp: 837008
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2



#86
 p-Isopropyltoluene
 Concen: 2.214 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008632.D
 Acq: 12 Feb 2019 19:26

Tgt Ion:119 Resp: 35127
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.4 40.2
 91 22.8 12.6 37.6

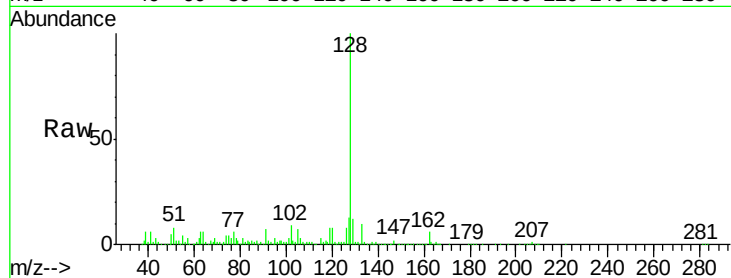




#95
 Naphthalene
 Concen: 22.508 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW008632.D
 Acq: 12 Feb 2019 19:26

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.6	15.8
129	11.1	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

