

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012833.D
 Acq On : 09 Sep 2019 20:16
 Operator : SY/VA
 Sample : K4655-06
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15-D2

Quant Time: Sep 10 07:31:11 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	222290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93306	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	108515	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	
35) Dibromofluoromethane	7.88	113	94999	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	10.32	98	386214	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.62	95	110873	39.02	ug/l	0.00
Spiked Amount			Recovery	=	78.04%	

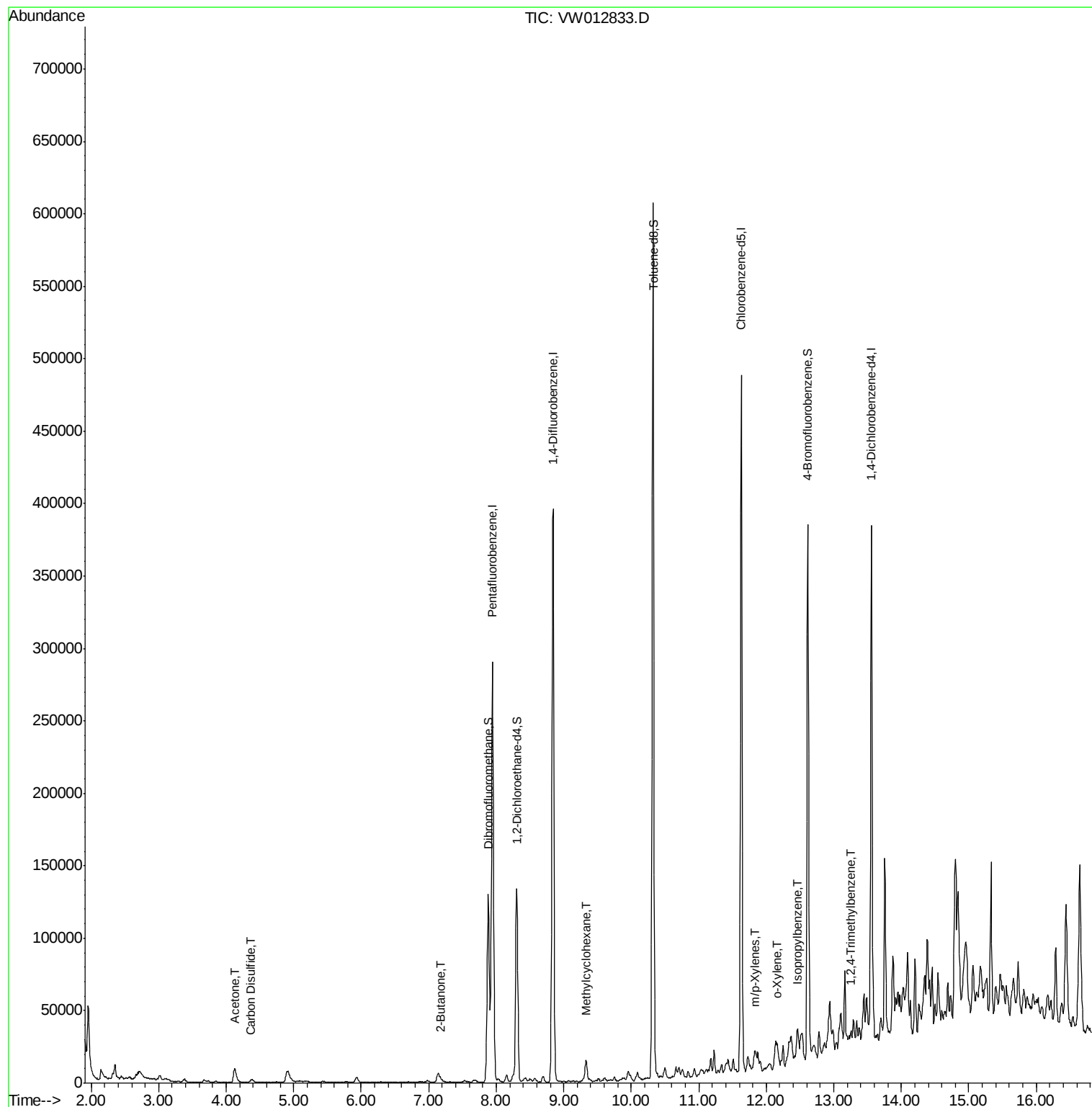
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	19288	28.486	ug/l	93
17) Carbon Disulfide	4.37	76	4490	1.152	ug/l	100
25) 2-Butanone	7.18	43	3596	23.003	ug/l	93
39) Methylcyclohexane	9.34	83	5357	1.598	ug/l	89
68) m/p-Xylenes	11.84	106	3737m	1.132	ug/l	
69) o-Xylene	12.16	106	3655	1.174	ug/l	100
73) Isopropylbenzene	12.46	105	12070	1.804	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	6174	1.087	ug/l	98

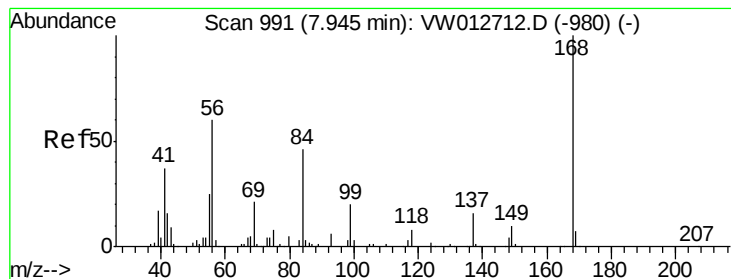
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012833.D

Acq: 09 Sep 2019 20:16

Instrument :

MSVOA_W

ClientSampleId :

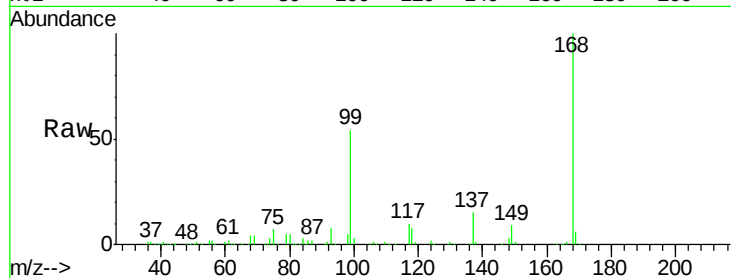
TP-15-D2

Tot Ion:168 Resp: 222290

Ion Ratio Lower Upper

168 100

99 53.8 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

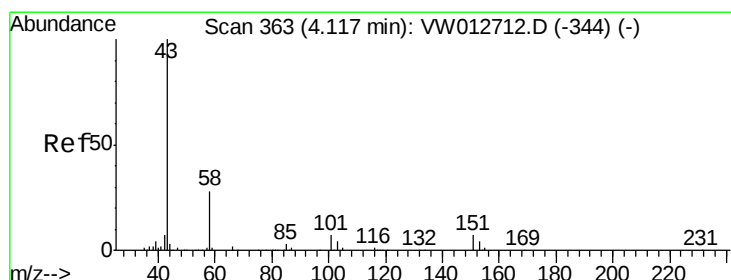
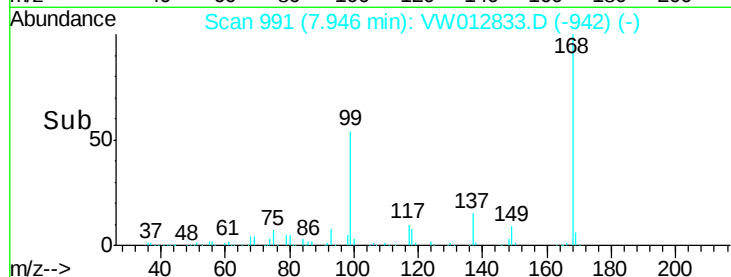
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 28.486 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012833.D

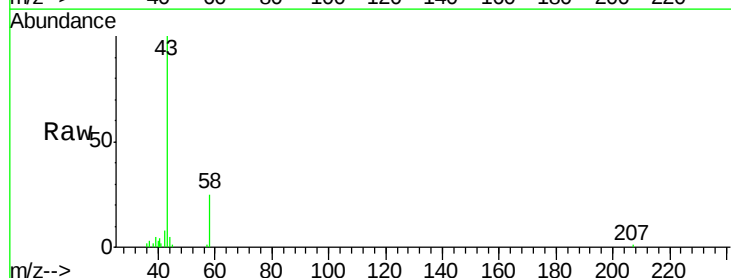
Acq: 09 Sep 2019 20:16

Tgt Ion: 43 Resp: 19288

Ion Ratio Lower Upper

43 100

58 24.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

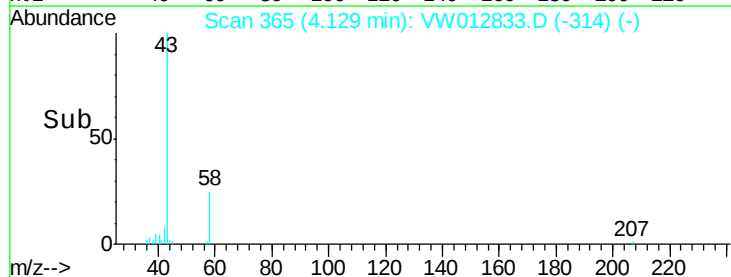
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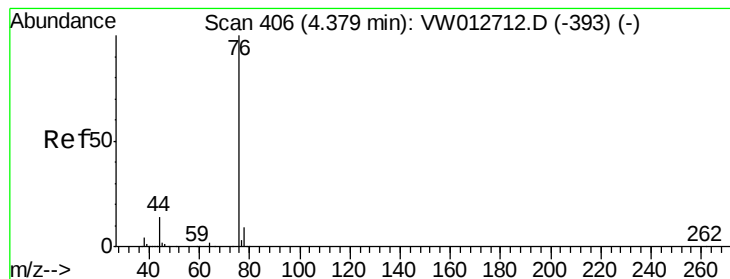
4000

2000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.152 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW012833.D

Acq: 09 Sep 2019 20:16

Instrument :

MSVOA_W

ClientSampleId :

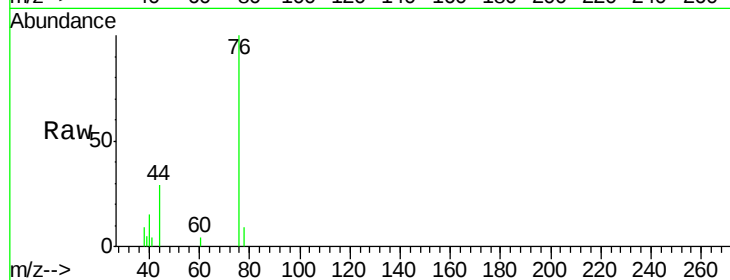
TP-15-D2

Tot Ion: 76 Resp: 4490

Ion Ratio Lower Upper

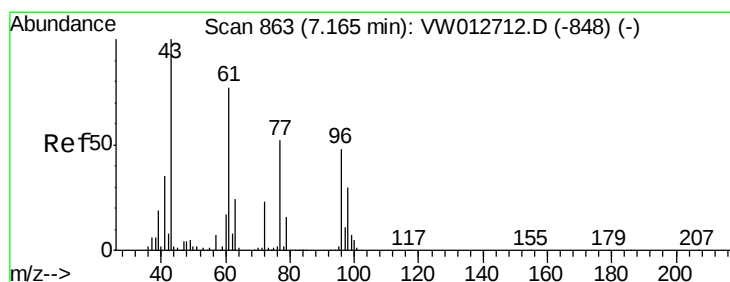
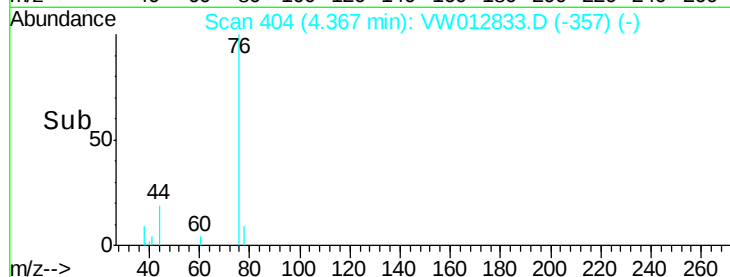
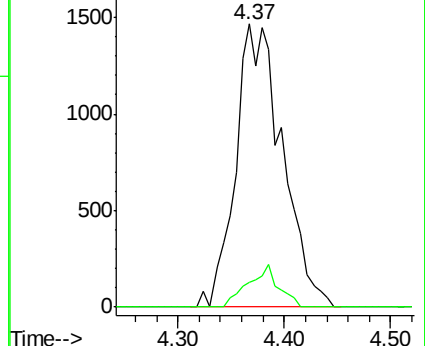
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 23.003 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012833.D

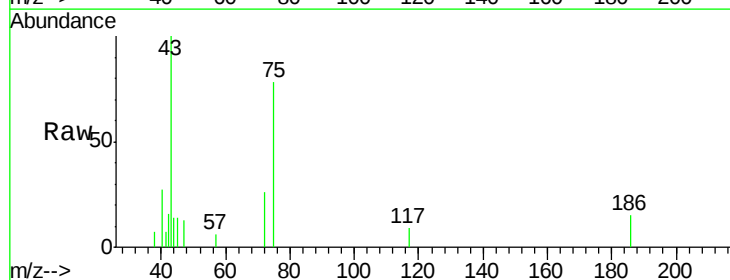
Acq: 09 Sep 2019 20:16

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

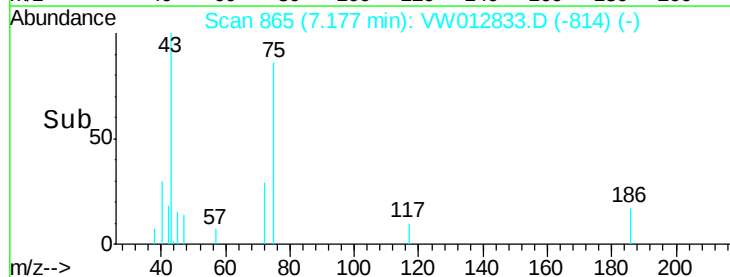
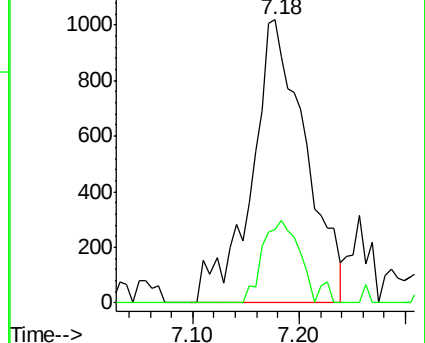
43 100

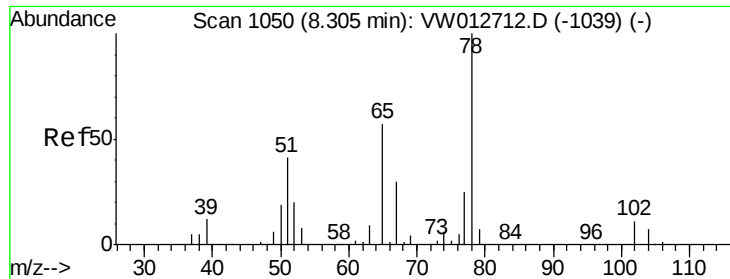
72 25.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

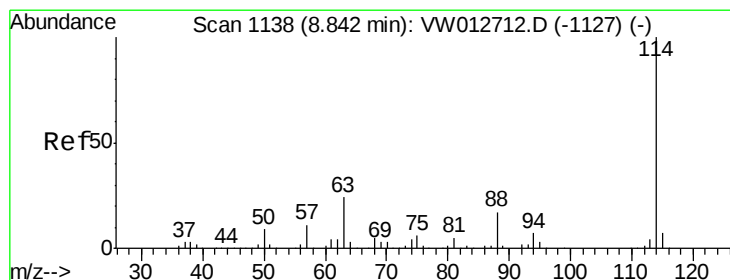
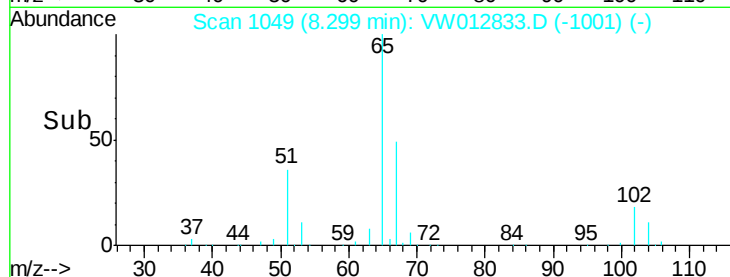
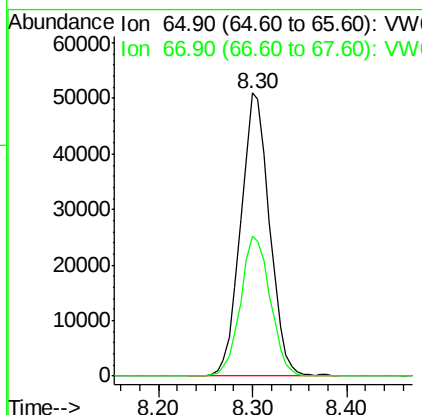
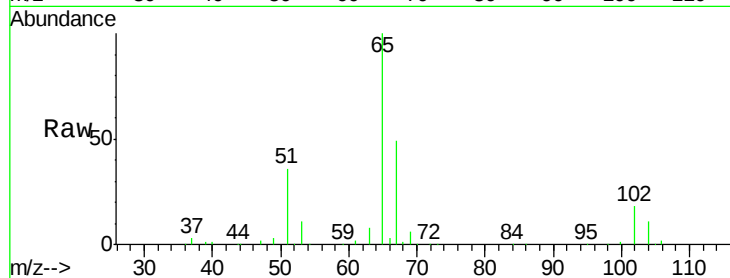




#33
 1,2-Dichloroethane-d4
 Concen: 43.691 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012833.D
 Acq: 09 Sep 2019 20:16

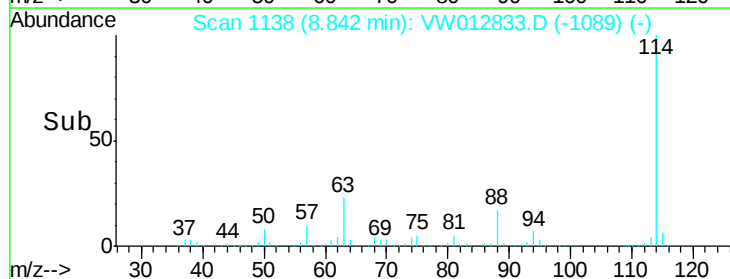
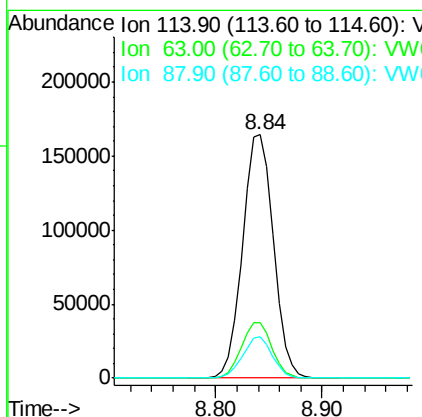
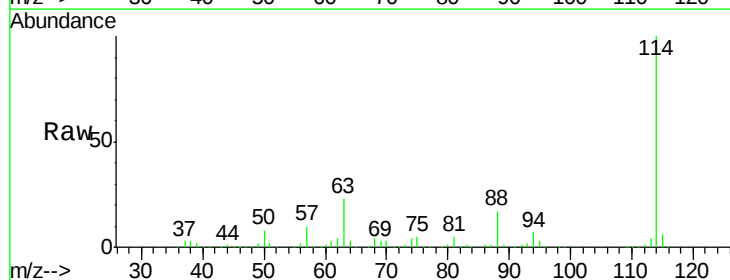
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-15-D2

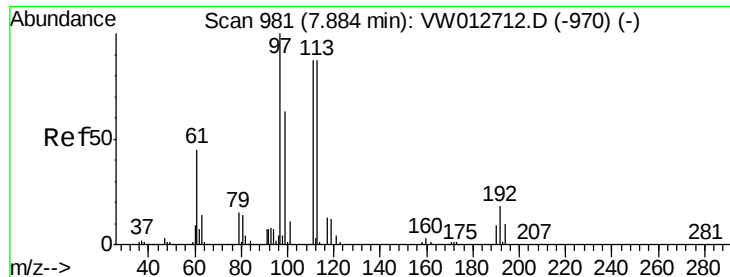
Tot Ion: 65 Resp: 108515
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012833.D
 Acq: 09 Sep 2019 20:16

Tgt Ion: 114 Resp: 336018
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 17.0 0.0 34.0

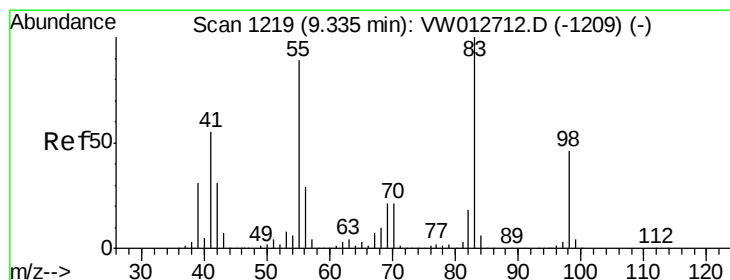
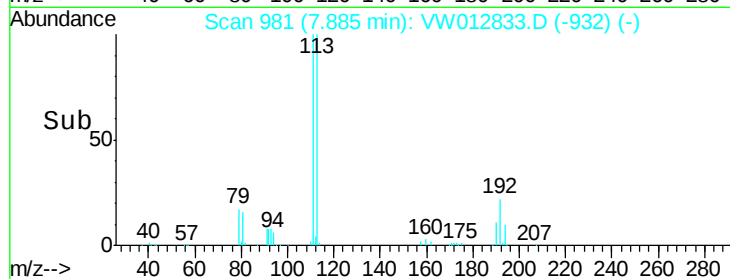
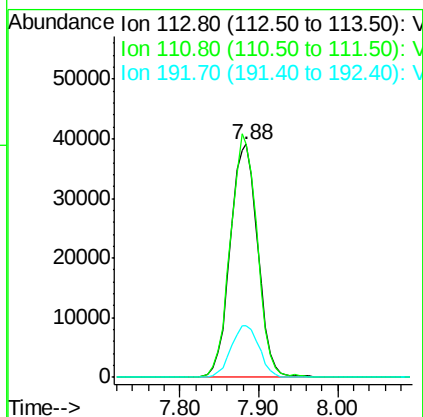
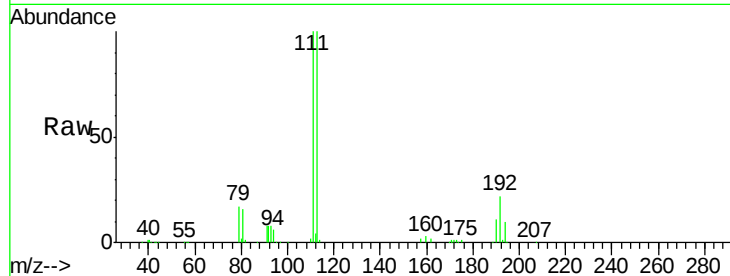




#35
Dibromofluoromethane
Concen: 47.554 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW012833.D
Acq: 09 Sep 2019 20:16

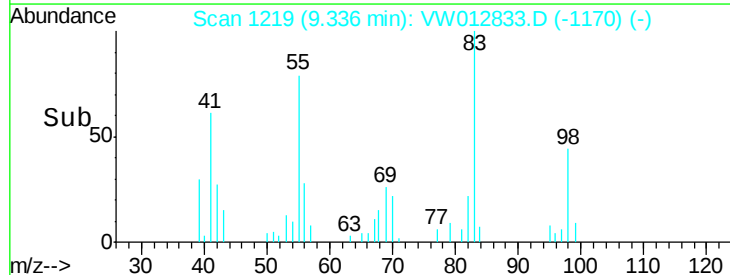
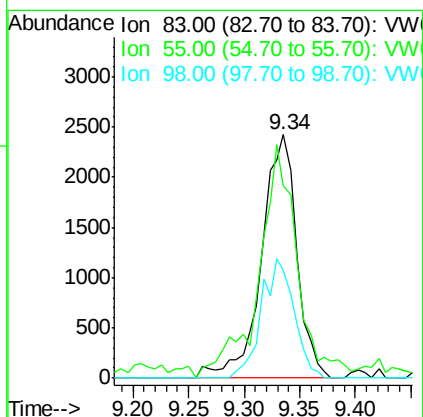
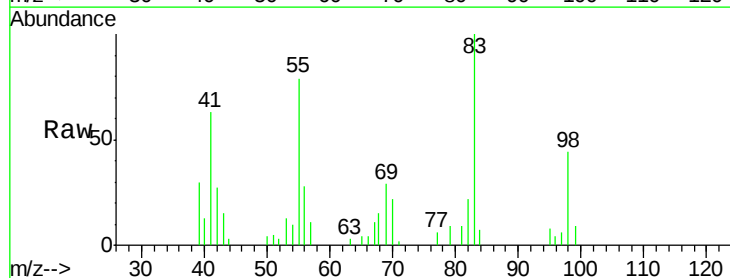
Instrument :
MSVOA_W
ClientSampled :
TP-15-D2

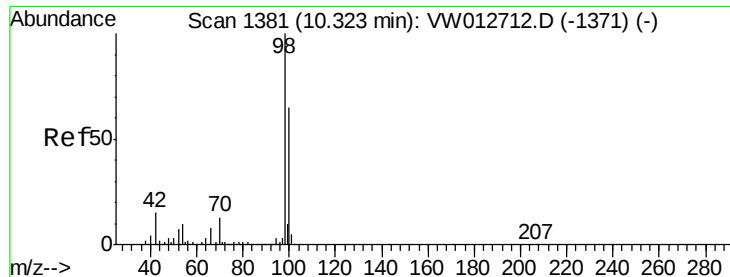
Tot Ion:113 Resp: 94999
Ion Ratio Lower Upper
113 100
111 101.6 80.2 120.4
192 22.6 17.3 25.9



#39
Methylcyclohexane
Concen: 1.598 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012833.D
Acq: 09 Sep 2019 20:16

Tgt Ion: 83 Resp: 5357
Ion Ratio Lower Upper
83 100
55 74.4 71.0 106.4
98 44.3 36.9 55.3





#50

Toluene-d8

Concen: 49.346 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012833.D

Acq: 09 Sep 2019 20:16

Instrument :

MSVOA_W

ClientSampled :

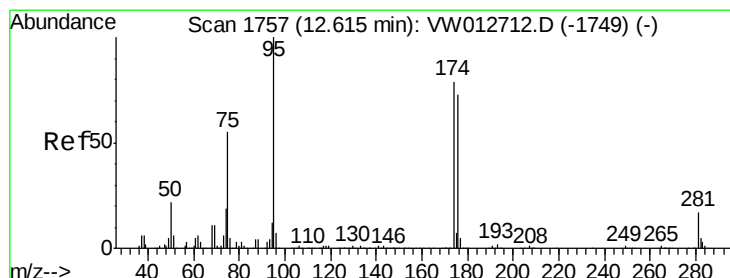
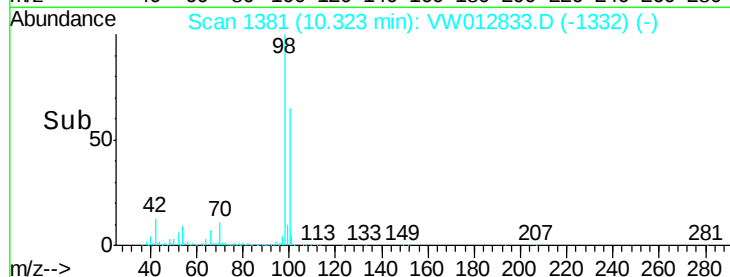
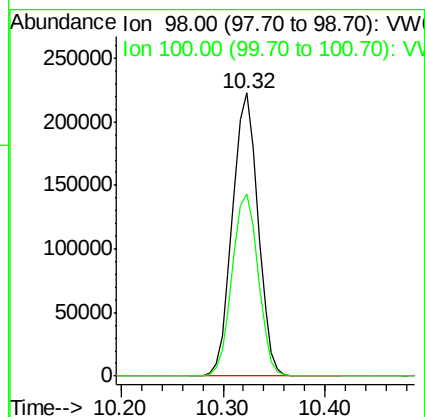
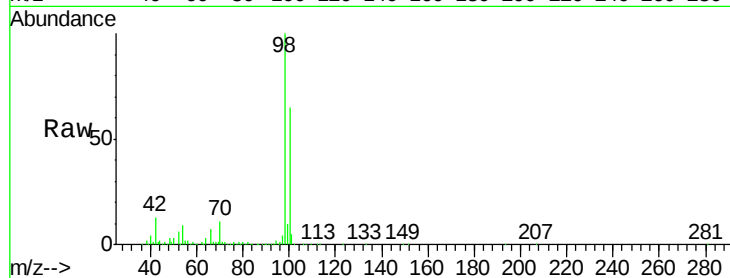
TP-15-D2

Tot Ion: 98 Resp: 386214

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 39.022 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012833.D

Acq: 09 Sep 2019 20:16

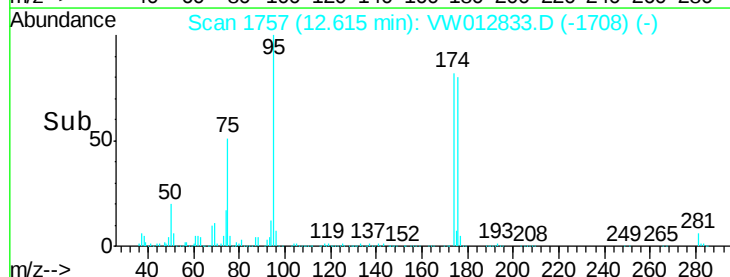
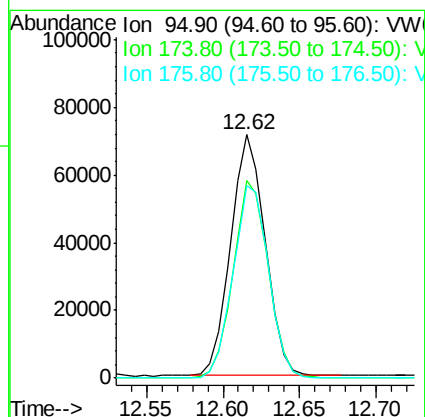
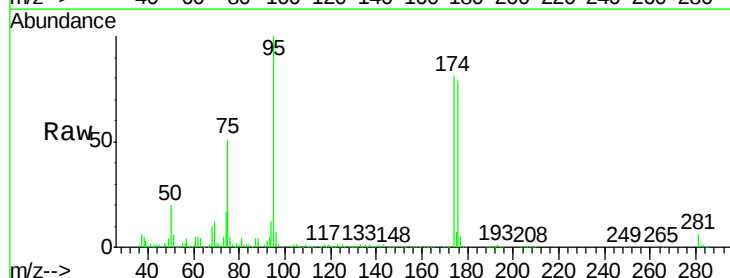
Tgt Ion: 95 Resp: 110873

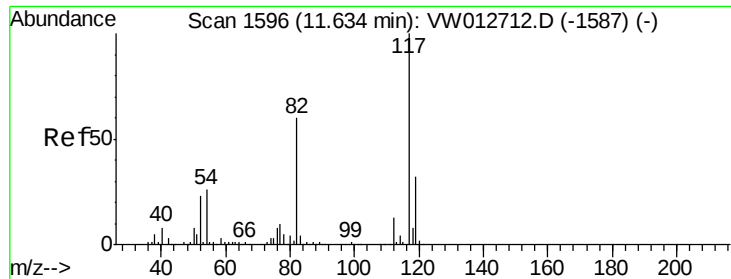
Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.0

176 82.6 0.0 156.4

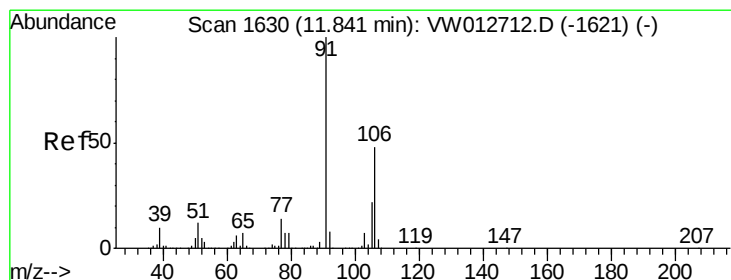
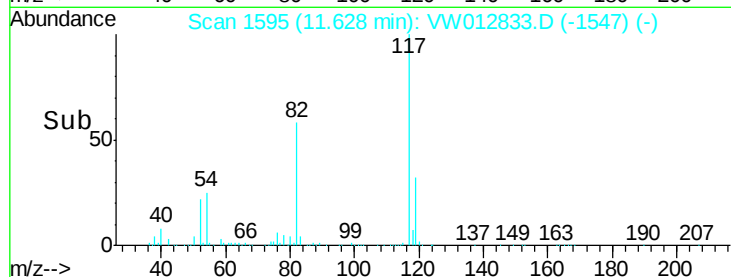
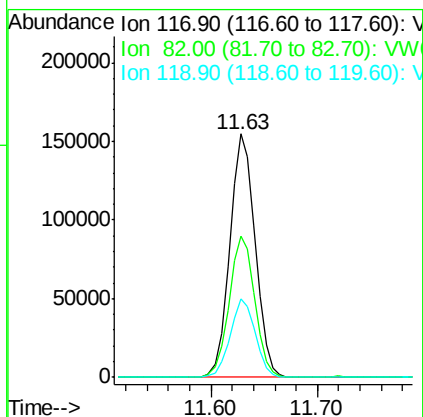
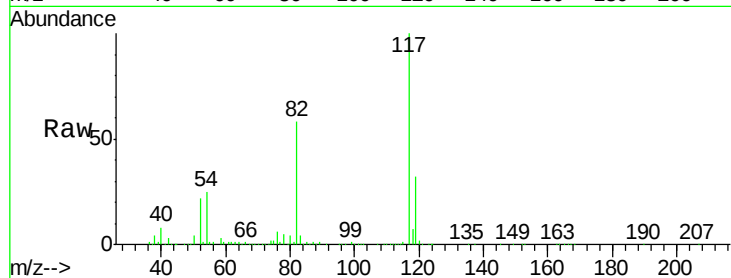




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012833.D
Acq: 09 Sep 2019 20:16

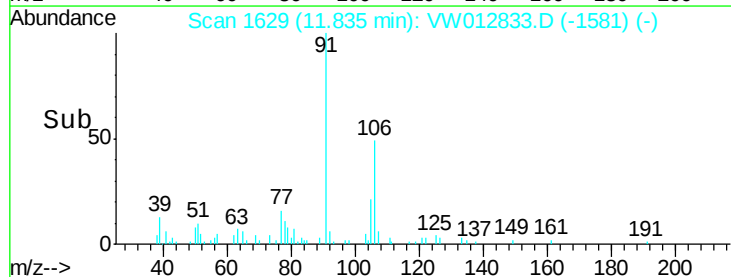
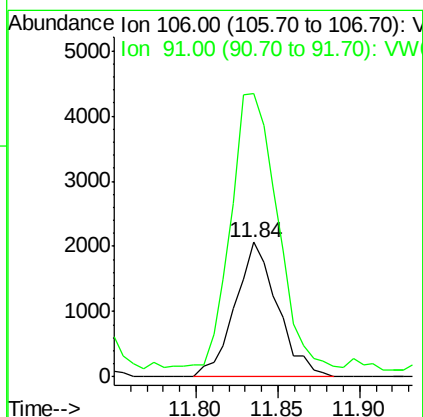
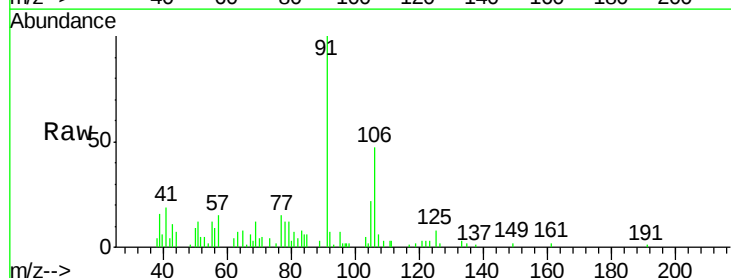
Instrument :
MSVOA_W
ClientSampleId :
TP-15-D2

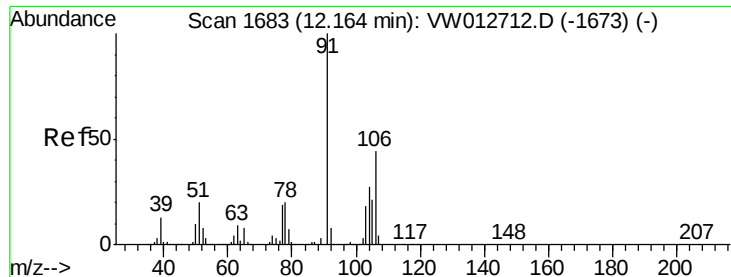
Tot Ion:117 Resp: 257846
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 1.132 ug/l m
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012833.D
Acq: 09 Sep 2019 20:16

Tgt Ion:106 Resp: 3737
Ion Ratio Lower Upper
106 100
91 0.0 168.2 252.4#

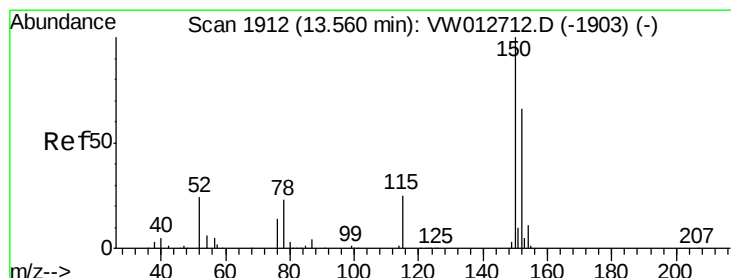
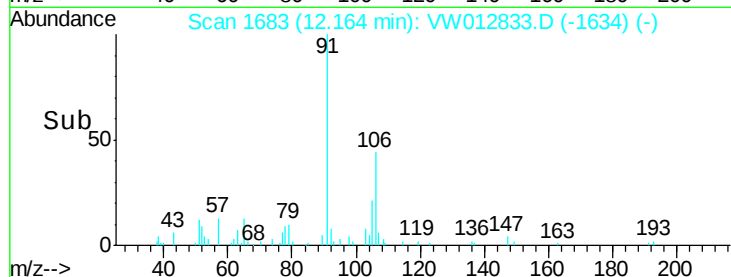
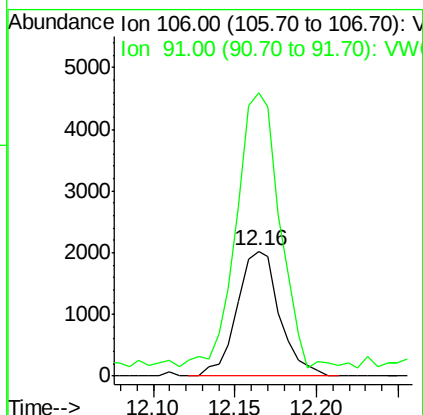
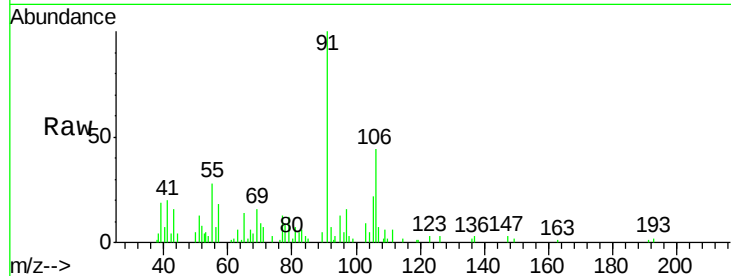




#69
o-Xylene
Concen: 1.174 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012833.D
Acq: 09 Sep 2019 20:16

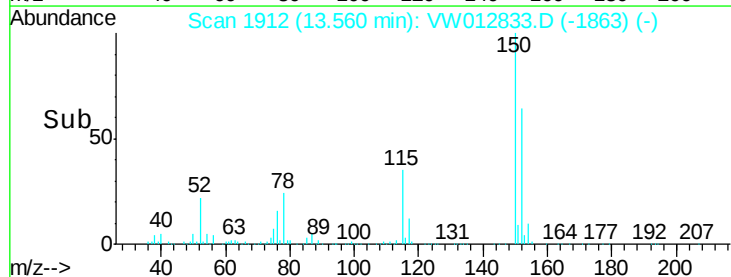
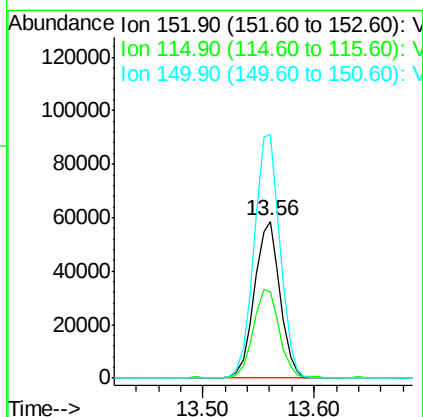
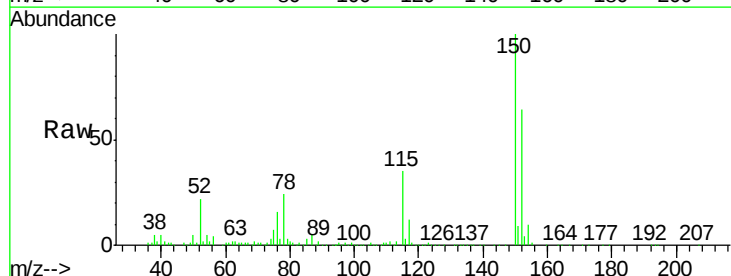
Instrument :
MSVOA_W
ClientSampled :
TP-15-D2

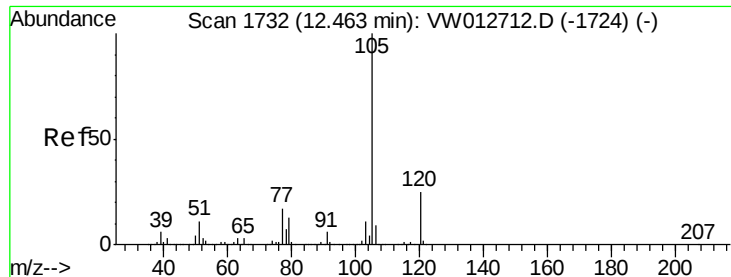
Tot Ion:106 Resp: 3655
Ion Ratio Lower Upper
106 100
91 224.6 112.3 336.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012833.D
Acq: 09 Sep 2019 20:16

Tgt Ion:152 Resp: 93306
Ion Ratio Lower Upper
152 100
115 57.2 30.0 90.1
150 158.6 0.0 349.0





#73

Isopropylbenzene

Concen: 1.804 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012833.D

Acq: 09 Sep 2019 20:16

Instrument :

MSVOA_W

ClientSampleId :

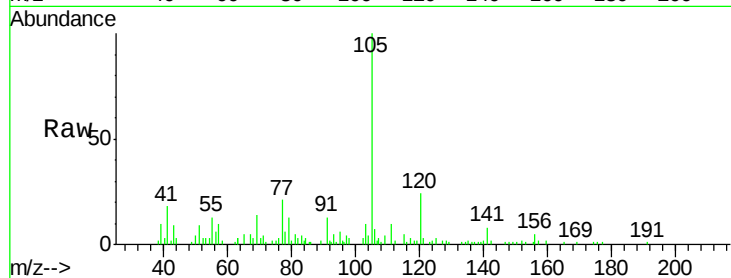
TP-15-D2

Tot Ion:105 Resp: 12070

Ion Ratio Lower Upper

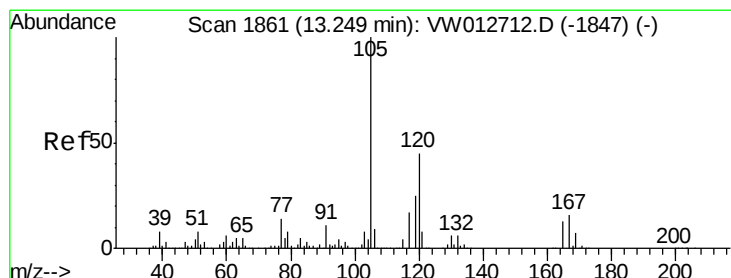
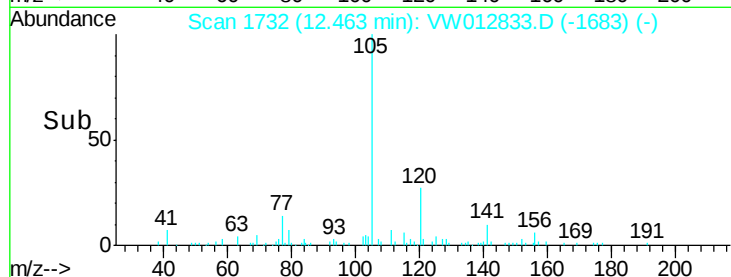
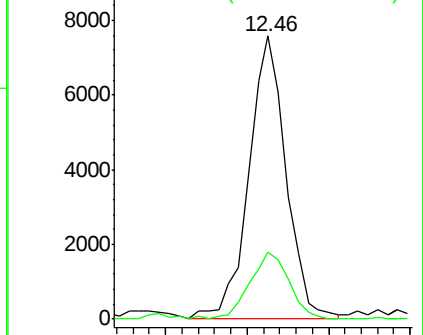
105 100

120 24.6 13.0 38.9



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: 1.087 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW012833.D

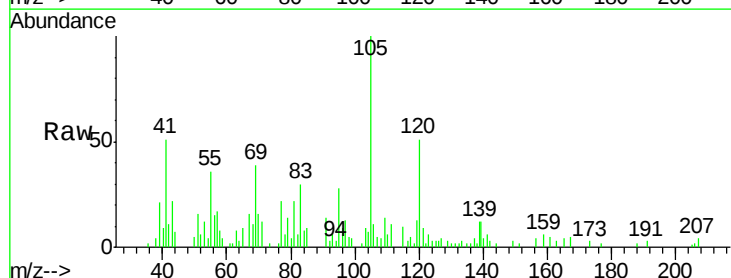
Acq: 09 Sep 2019 20:16

Tgt Ion:105 Resp: 6174

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

