

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013779.D
 Acq On : 28 Oct 2019 20:43
 Operator : SY/VA
 Sample : K5563-08
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Oct 29 12:10:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

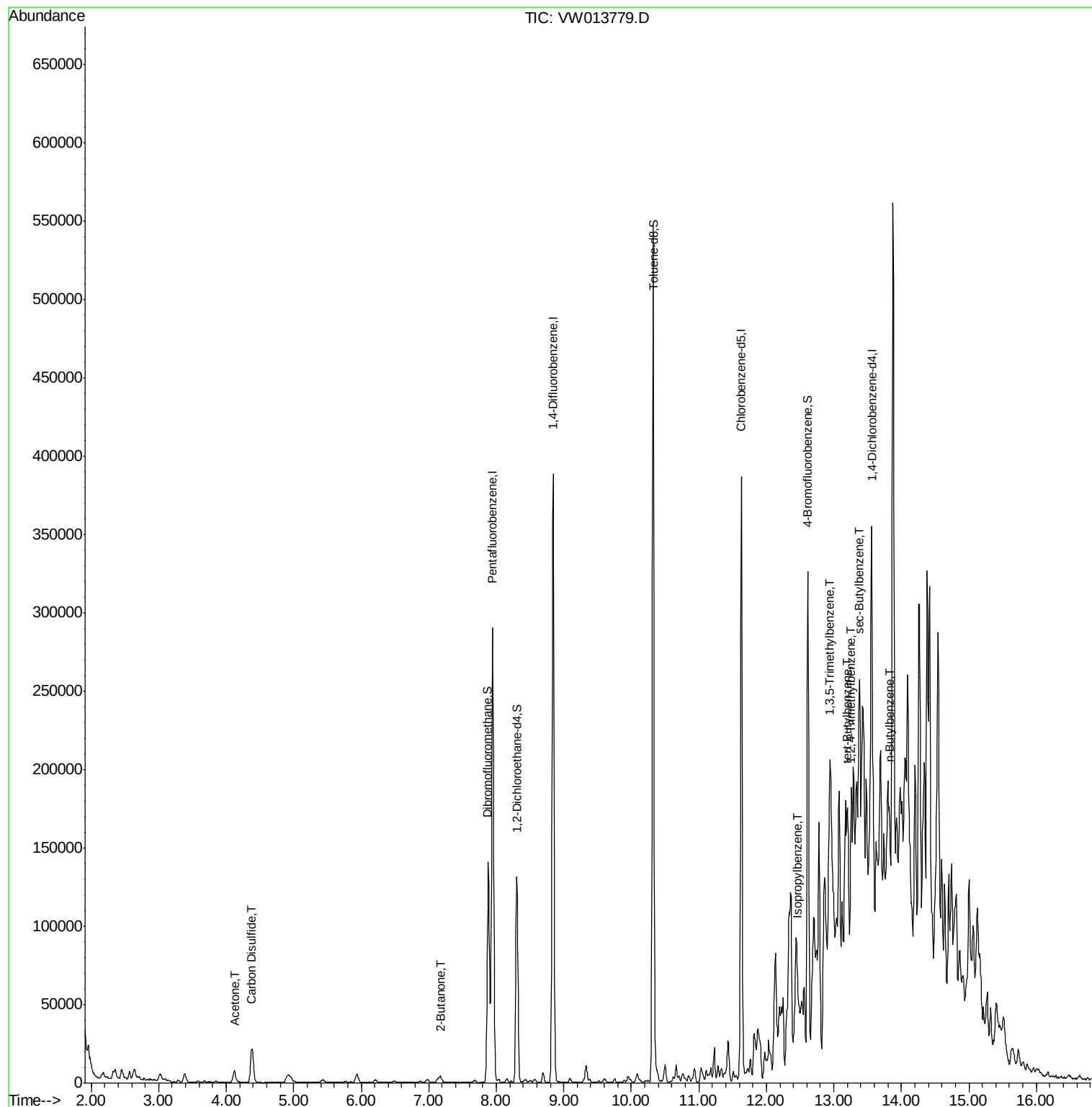
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101658	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
35) Dibromofluoromethane	7.88	113	103241	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
50) Toluene-d8	10.32	98	366578	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.62	95	87821	33.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.52%	
Target Compounds						
16) Acetone	4.12	43	13686	35.901	ug/l	98
17) Carbon Disulfide	4.38	76	49623	8.039	ug/l	99
25) 2-Butanone	7.18	43	4061	7.410	ug/l	94
73) Isopropylbenzene	12.46	105	6726	1.213	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	9563	2.043	ug/l	99
83) tert-Butylbenzene	13.21	119	10670	2.568	ug/l	92
84) 1,2,4-Trimethylbenzene	13.25	105	16525	3.578	ug/l	95
85) sec-Butylbenzene	13.38	105	53765	9.461	ug/l #	50
89) n-Butylbenzene	13.82	91	18449	3.861	ug/l #	61

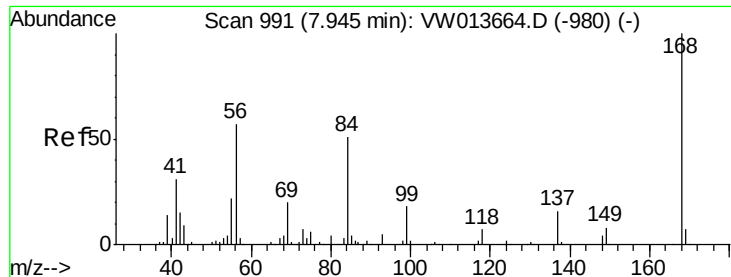
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 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: VW013779.D

Acq: 28 Oct 2019 20:43

Instrument :

MSVOA_W

ClientSampleId :

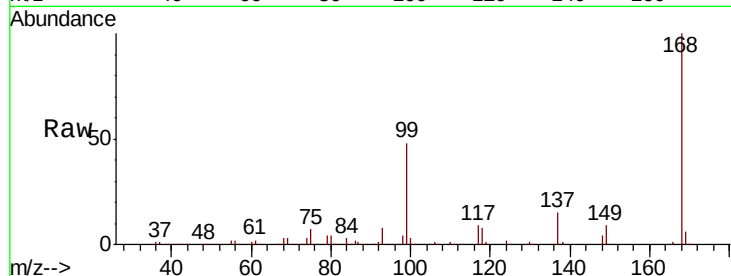
TP-1

Tot Ion:168 Resp: 239668

Ion Ratio Lower Upper

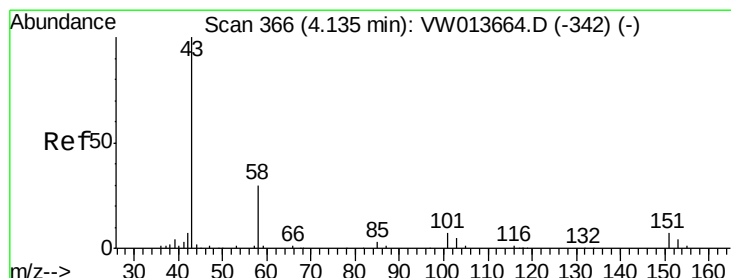
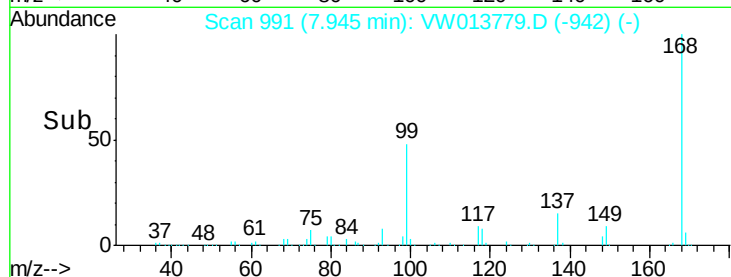
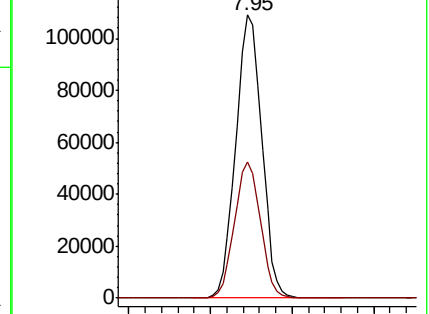
168 100

99 48.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 35.901 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013779.D

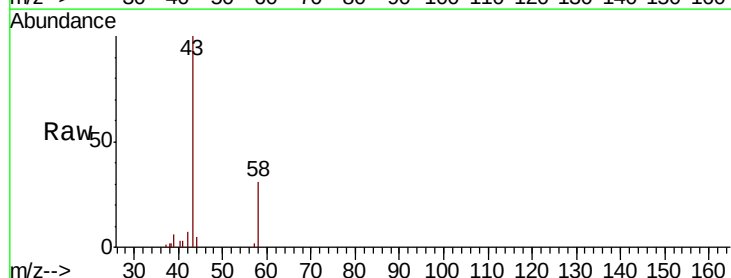
Acq: 28 Oct 2019 20:43

Tgt Ion: 43 Resp: 13686

Ion Ratio Lower Upper

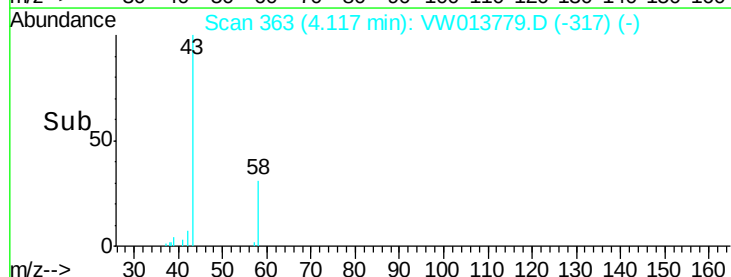
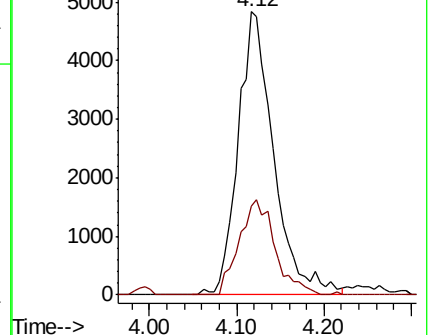
43 100

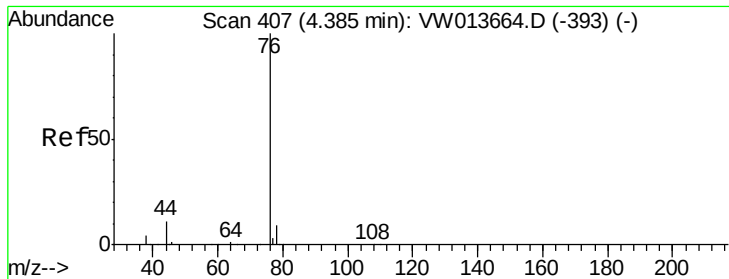
58 31.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 8.039 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW013779.D

Acq: 28 Oct 2019 20:43

Instrument :

MSVOA_W

ClientSampled :

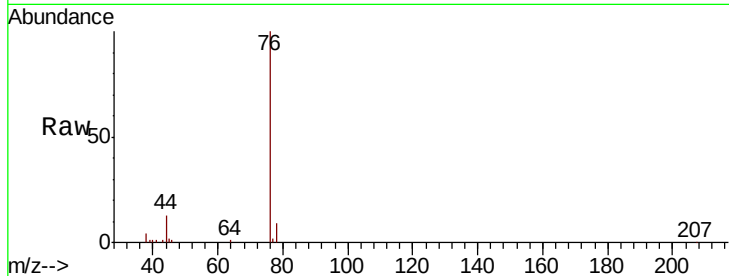
TP-1

Tot Ion: 76 Resp: 49623

Ion Ratio Lower Upper

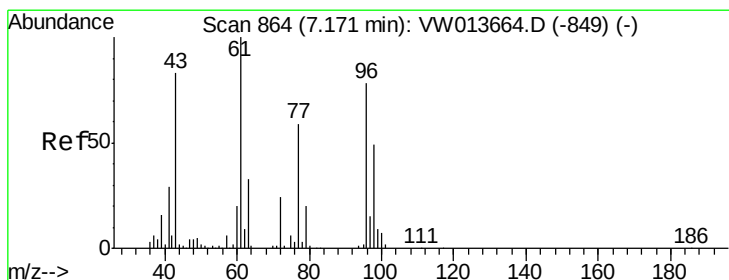
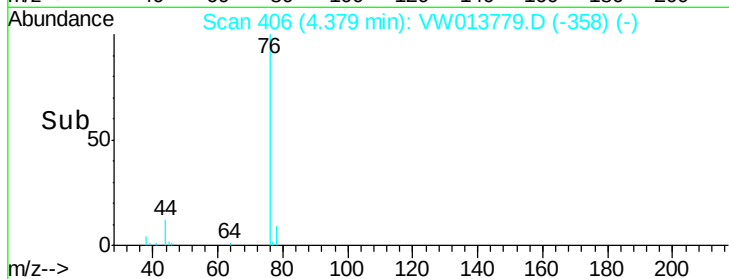
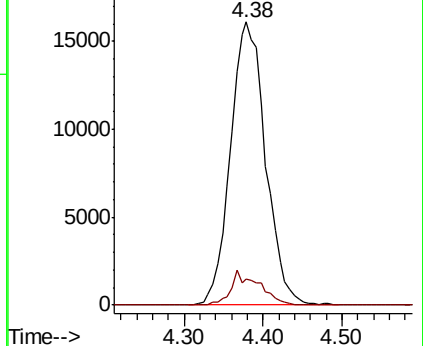
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 7.410 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013779.D

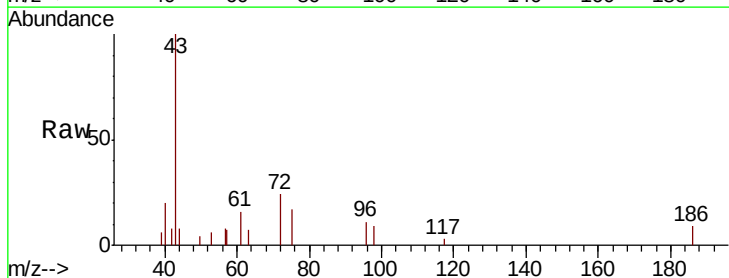
Acq: 28 Oct 2019 20:43

Tgt Ion: 43 Resp: 4061

Ion Ratio Lower Upper

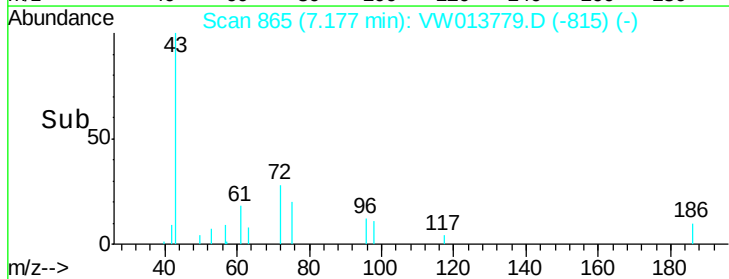
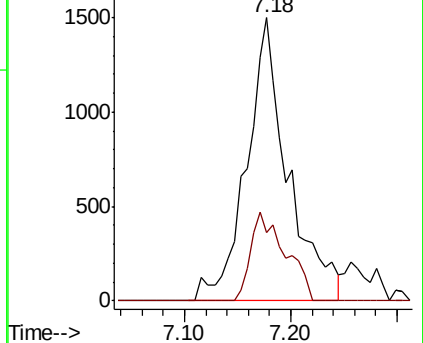
43 100

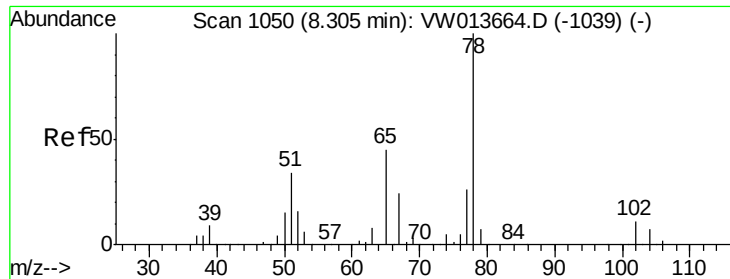
72 26.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

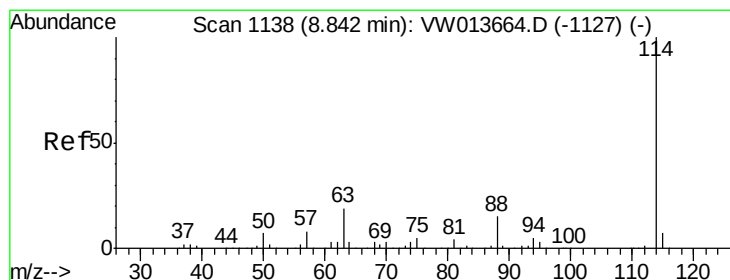
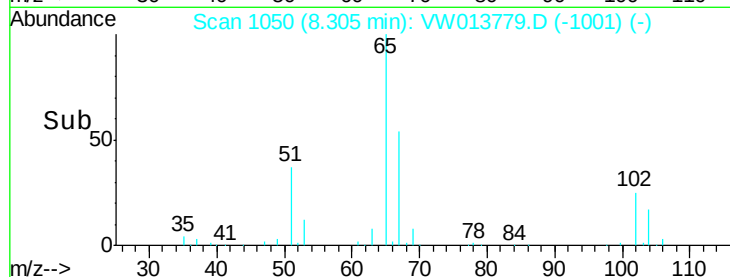
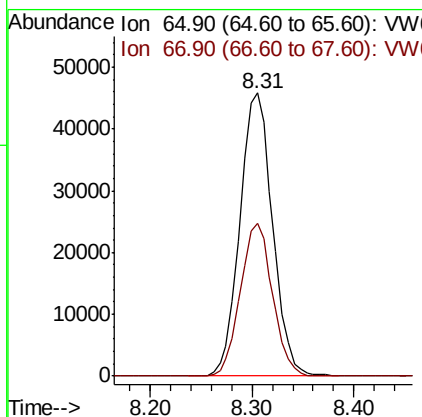
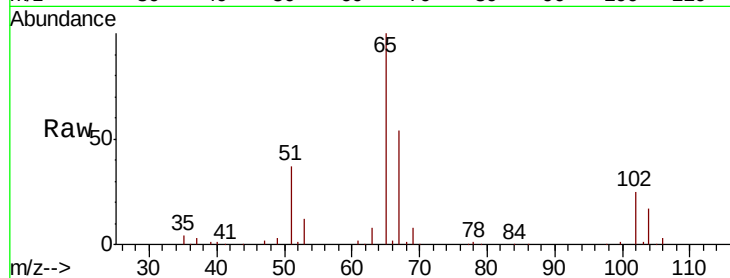




#33
 1,2-Dichloroethane-d4
 Concen: 56.543 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013779.D
 Acq: 28 Oct 2019 20:43

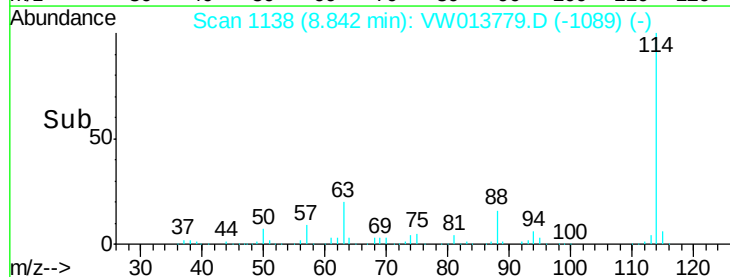
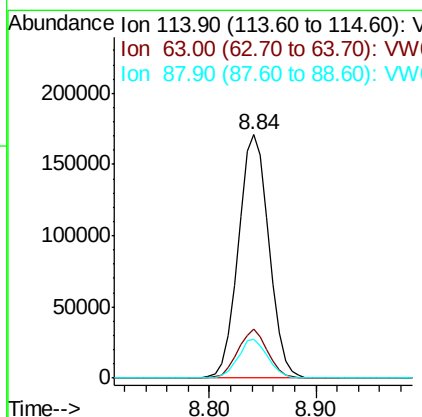
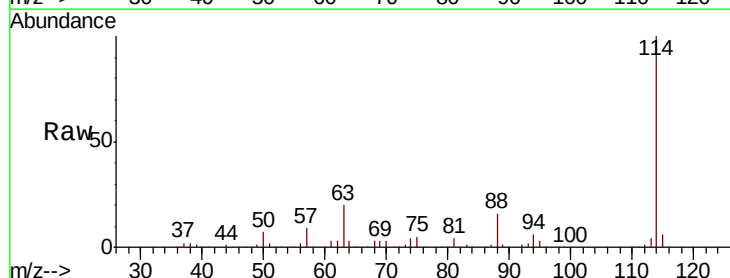
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

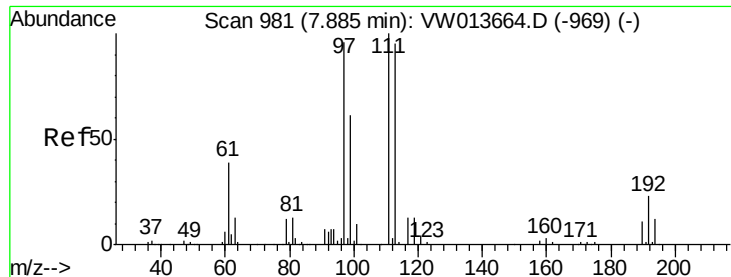
Tot Ion: 65 Resp: 101658
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013779.D
 Acq: 28 Oct 2019 20:43

Tgt Ion: 114 Resp: 344436
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.6
 88 15.9 0.0 30.2

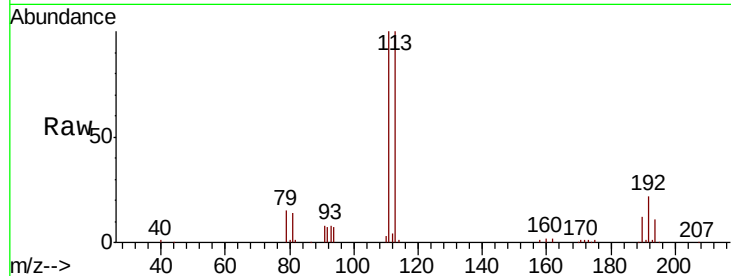




#35
Dibromofluoromethane
Concen: 53.943 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013779.D
Acq: 28 Oct 2019 20:43

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	24.5	19.4	29.2

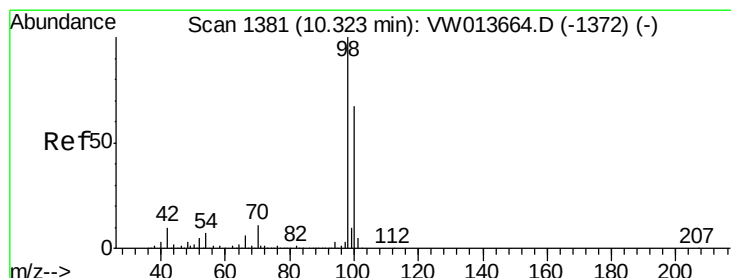
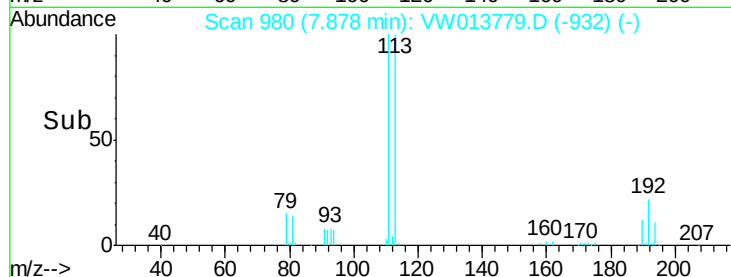
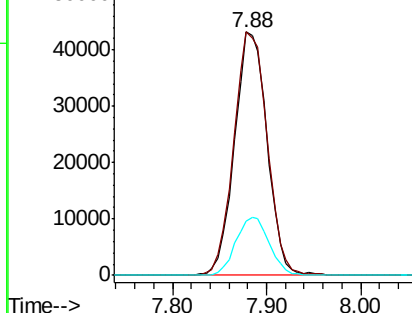


Abundance

Ion 112.80 (112.50 to 113.50): V

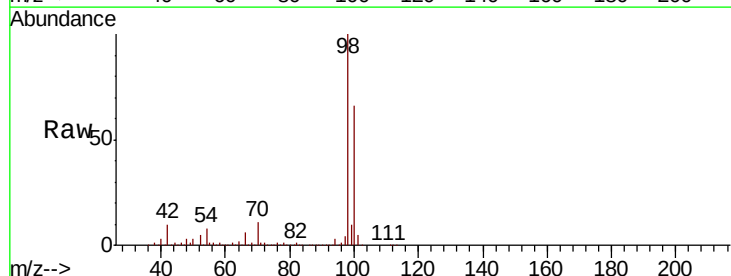
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
Toluene-d8
Concen: 47.006 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013779.D
Acq: 28 Oct 2019 20:43

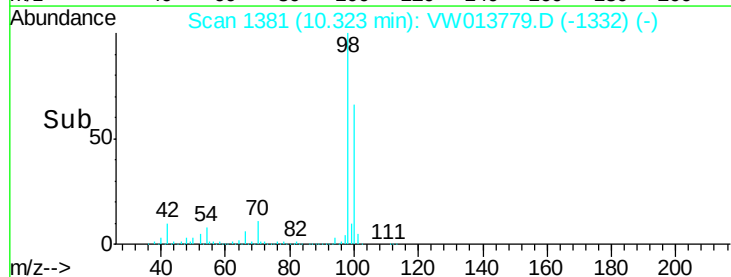
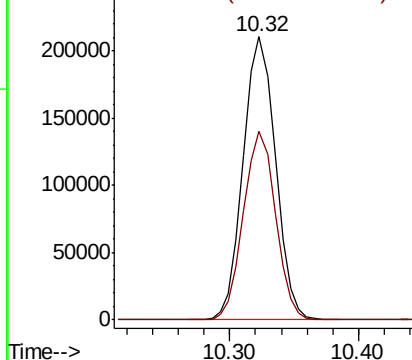
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.0

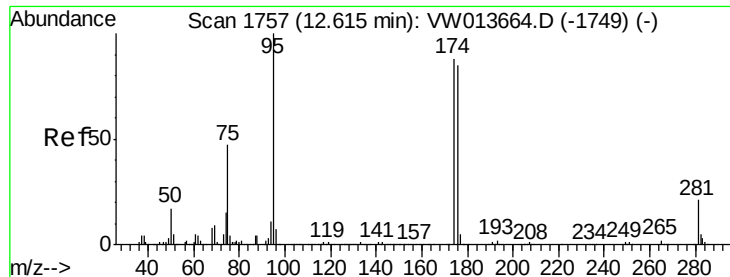


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 33.258 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013779.D

Acq: 28 Oct 2019 20:43

Instrument :

MSVOA_W

ClientSampled :

TP-1

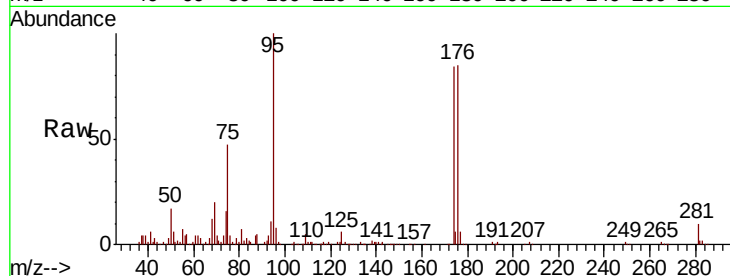
Tot Ion: 95 Resp: 87821

Ion Ratio Lower Upper

95 100

174 90.0 0.0 183.6

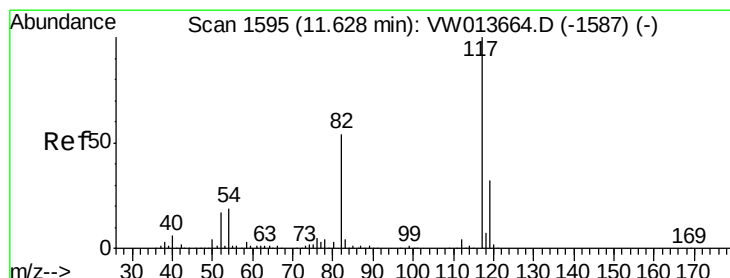
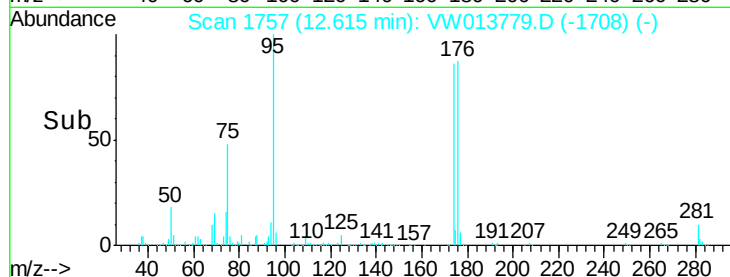
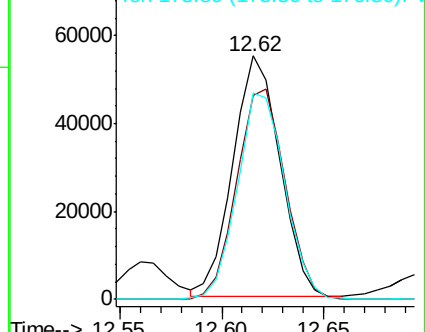
176 87.2 0.0 178.0



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# 1596

Delta R.T. 0.01 min

Lab File: VW013779.D

Acq: 28 Oct 2019 20:43

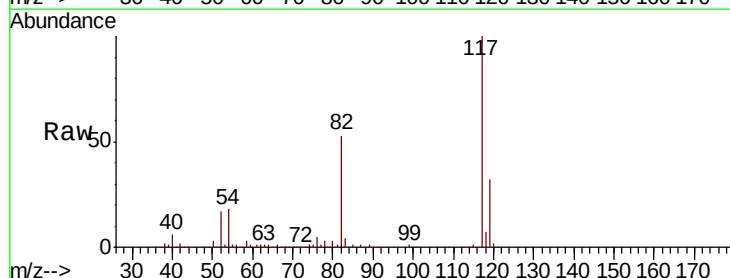
Tgt Ion: 117 Resp: 232698

Ion Ratio Lower Upper

117 100

82 52.8 43.6 65.4

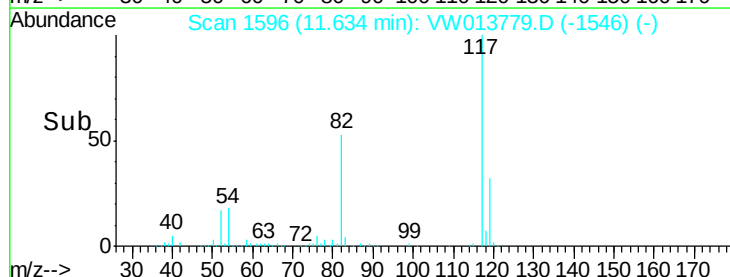
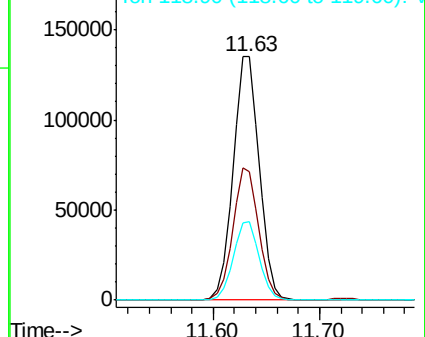
119 32.1 25.4 38.2

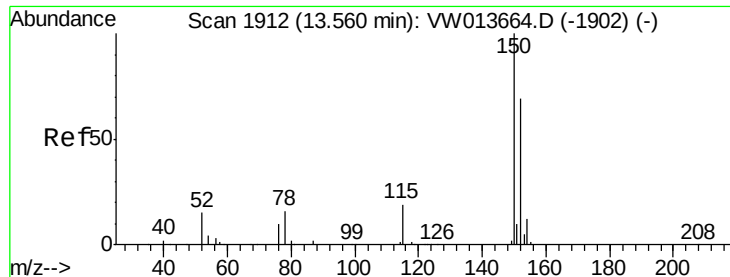


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

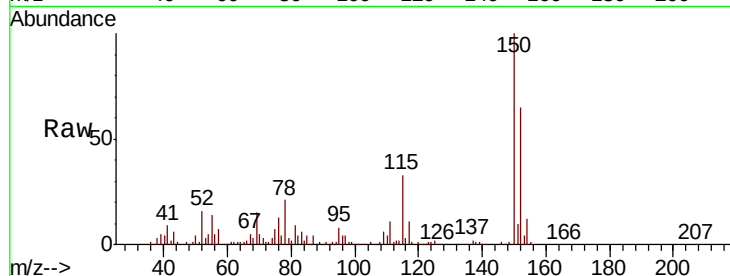




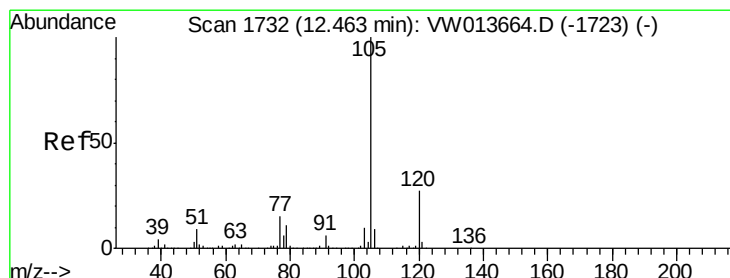
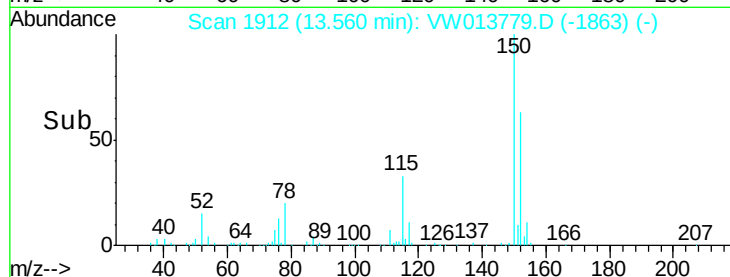
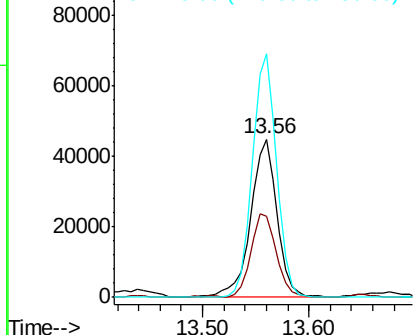
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW013779.D
 Acq: 28 Oct 2019 20:43

Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

Tot Ion:152 Resp: 77226
 Ion Ratio Lower Upper
 152 100
 115 51.4 27.4 82.2
 150 142.0 0.0 345.4

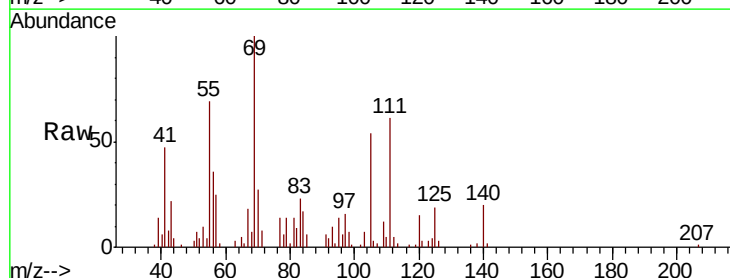


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

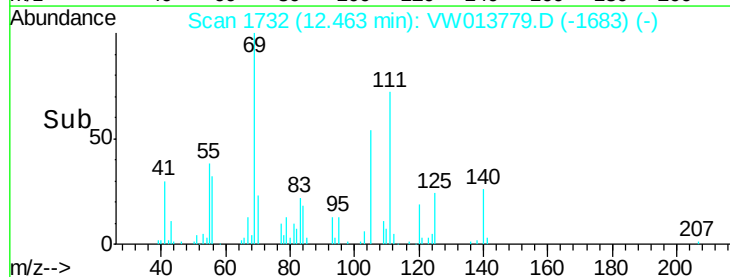
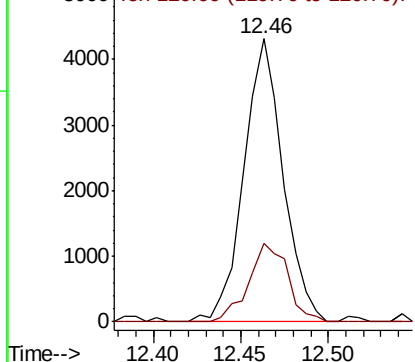


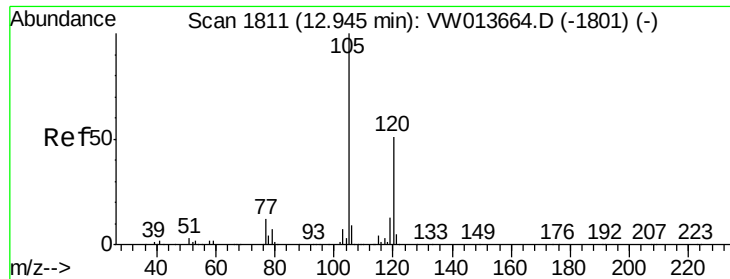
#73
 Isopropylbenzene
 Concen: 1.213 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VW013779.D
 Acq: 28 Oct 2019 20:43

Tgt Ion:105 Resp: 6726
 Ion Ratio Lower Upper
 105 100
 120 27.8 13.5 40.4



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





#80

1,3,5-Trimethylbenzene

Concen: 2.043 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013779.D

Acq: 28 Oct 2019 20:43

Instrument :

MSVOA_W

ClientSampled :

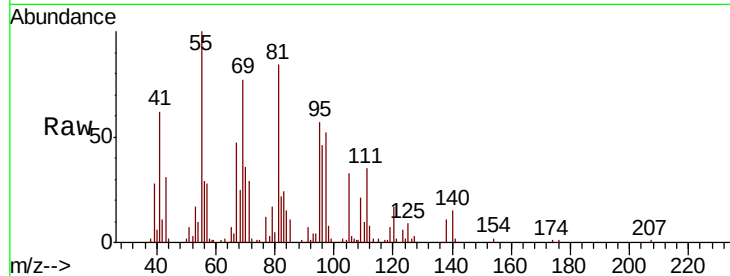
TP-1

Tot Ion:105 Resp: 9563

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

2000

1000

0

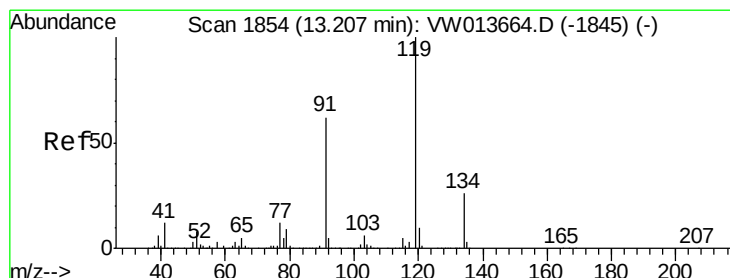
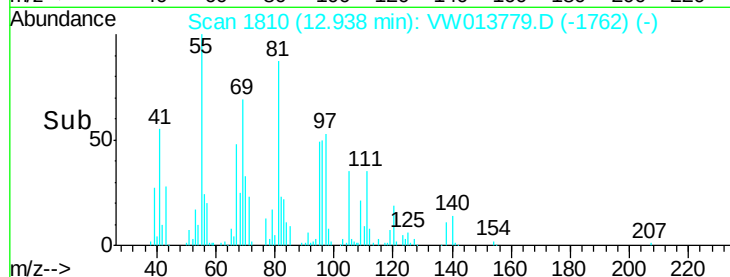
12.90

12.94

12.95

13.00

Time-->



#83

tert-Butylbenzene

Concen: 2.568 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW013779.D

Acq: 28 Oct 2019 20:43

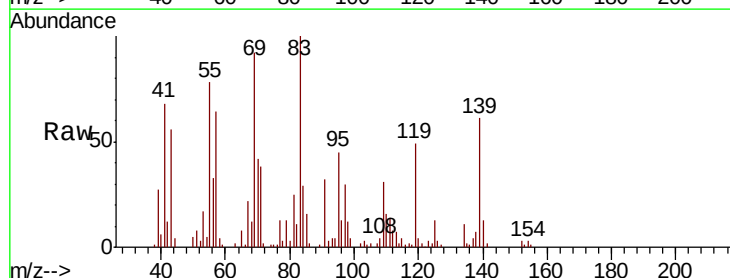
Tgt Ion:119 Resp: 10670

Ion Ratio Lower Upper

119 100

91 67.8 30.4 91.3

134 24.6 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VV

Ion 134.00 (133.70 to 134.70): V

8000

6000

4000

2000

0

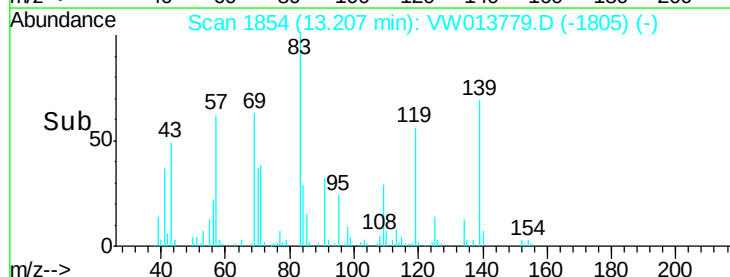
13.15

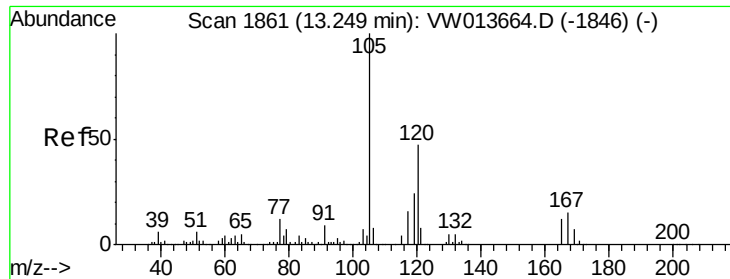
13.20

13.21

13.25

Time-->

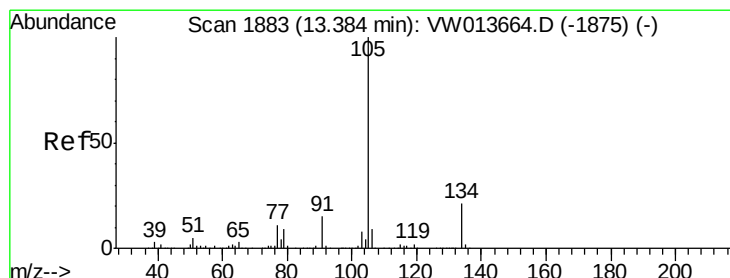
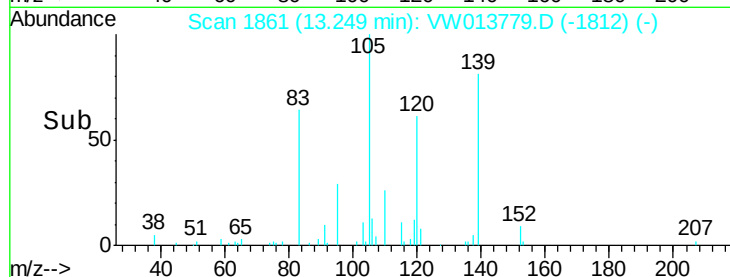
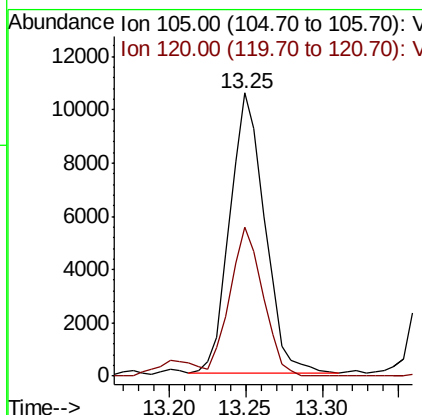
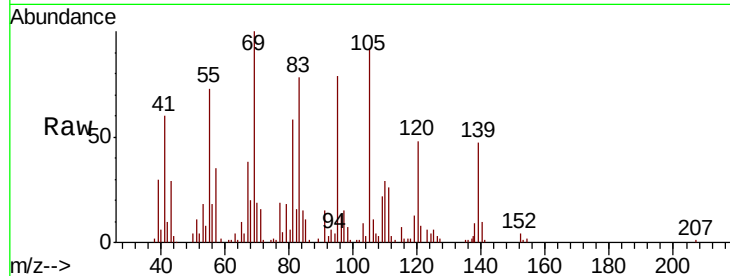




#84
 1,2,4-Trimethylbenzene
 Concen: 3.578 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013779.D
 Acq: 28 Oct 2019 20:43

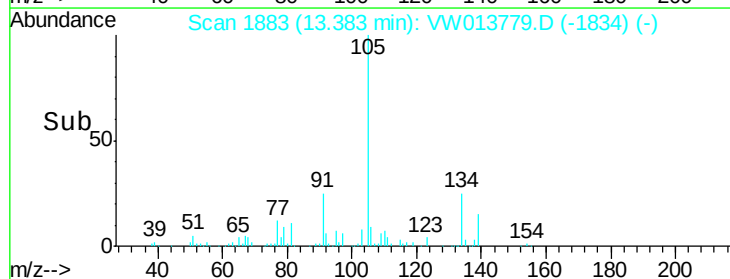
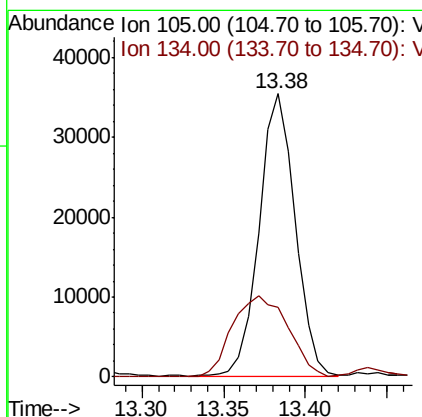
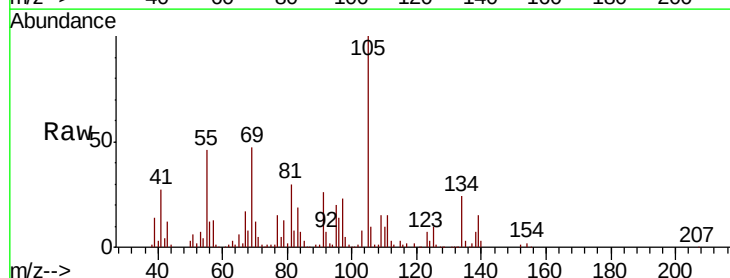
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

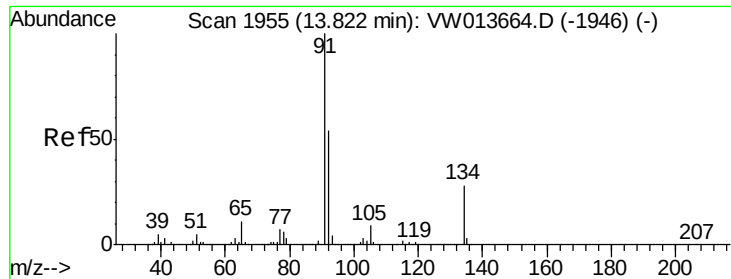
Tot Ion:105 Resp: 16525
 Ion Ratio Lower Upper
 105 100
 120 50.6 23.5 70.5



#85
 sec-Butylbenzene
 Concen: 9.461 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013779.D
 Acq: 28 Oct 2019 20:43

Tgt Ion:105 Resp: 53765
 Ion Ratio Lower Upper
 105 100
 134 44.6 10.5 31.5#





#89

n-Butylbenzene

Concen: 3.861 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013779.D

Acq: 28 Oct 2019 20:43

Instrument :

MSVOA_W

ClientSampleId :

TP-1

Tot Ion: 91 Resp: 18449

Ion Ratio Lower Upper

91 100

92 31.7 27.5 82.4

134 0.0 14.0 41.9#

