

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW051719\
 Data File : VW010444.D
 Acq On : 18 May 2019 07:16
 Operator : SY/VA
 Sample : K2871-03
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04(32)

Manual Integrations
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 5/20/2019 12:15:06 PM

Quant Time: May 29 16:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 18 01:59:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1506901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2775319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2113215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	724281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	585869	35.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.90%	
35) Dibromofluoromethane	7.88	113	435289	25.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.78%	
50) Toluene-d8	10.32	98	2491022	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
62) 4-Bromofluorobenzene	12.62	95	827324	32.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.94%	
Target Compounds						
17) Carbon Disulfide	4.37	76	125359	2.921	ug/l	98
39) Methylcyclohexane	9.34	83	309363	9.429	ug/l	96
73) Isopropylbenzene	12.47	105	186797	3.335	ug/l	97
78) n-propylbenzene	12.80	91	242049	3.726	ug/l	98
83) tert-Butylbenzene	13.21	119	58410	1.449	ug/l	96
85) sec-Butylbenzene	13.38	105	272325	4.797	ug/l	80
89) n-Butylbenzene	13.83	91	223674m	4.571	ug/l	

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

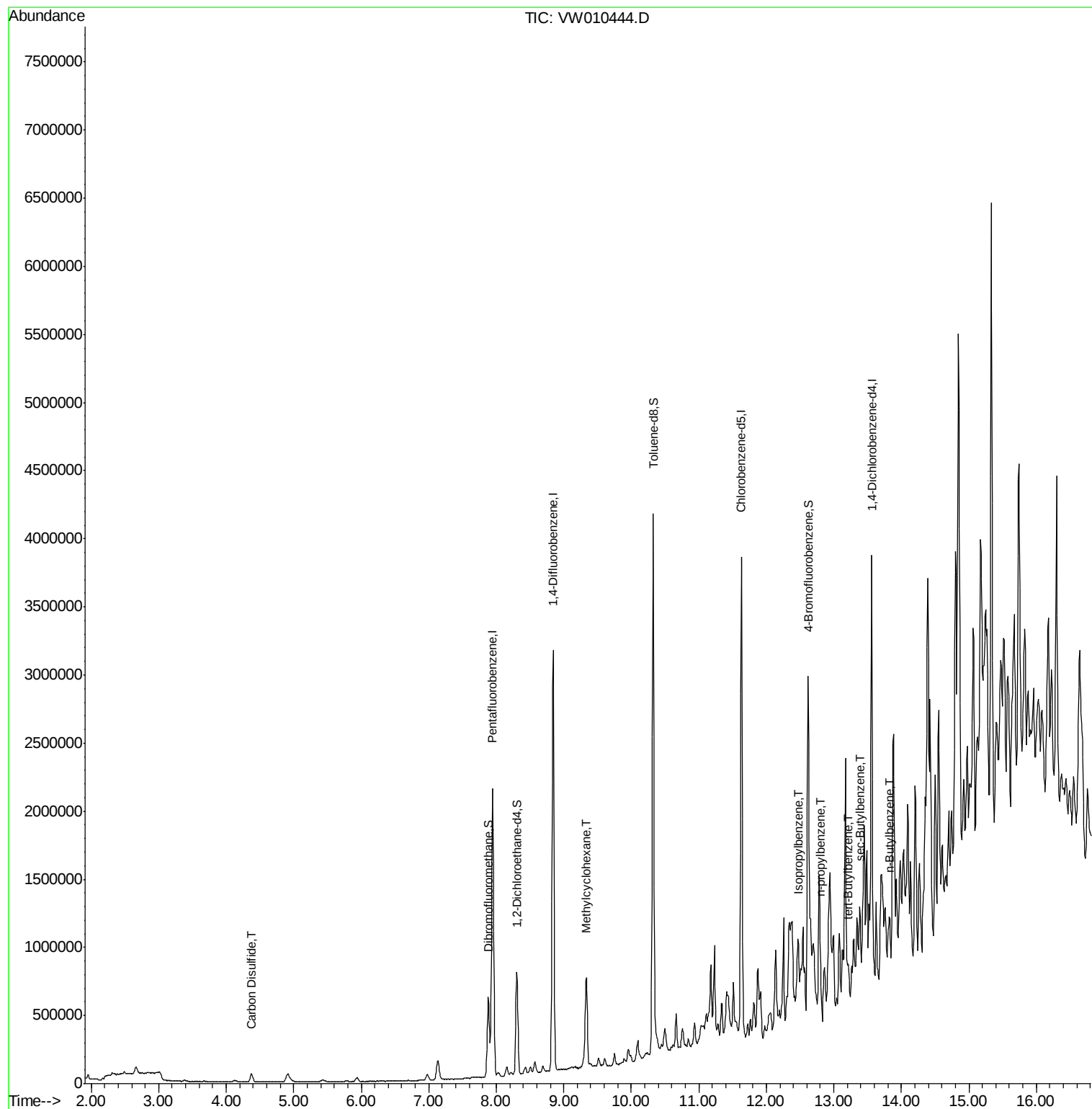
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW051719\
Data File : VW010444.D
Acq On : 18 May 2019 07:16
Operator : SY/VA
Sample : K2871-03
Misc : 6.02G/5ML/MSVOA W/SOIL
ALS Vial : 35 Sample Multiplier: 1

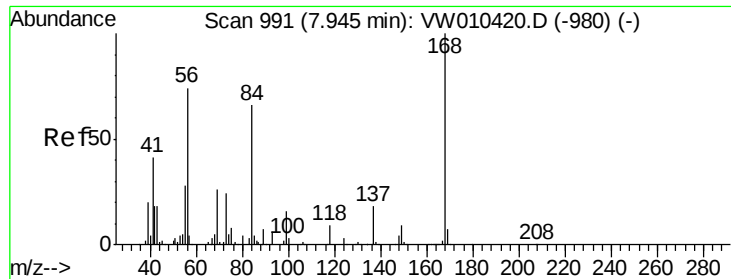
Instrument :
MSVOA_W
ClientSampleId :
SB-04(32)

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Quant Time: May 29 16:36:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Sat May 18 01:59:40 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: VW010444.D

Acq: 18 May 2019 07:16

Instrument :

MSVOA_W

ClientSampleId :

SB-04(32)

Tot Ion:168 Resp: 1506901

Ion Ratio Lower Upper

168 100

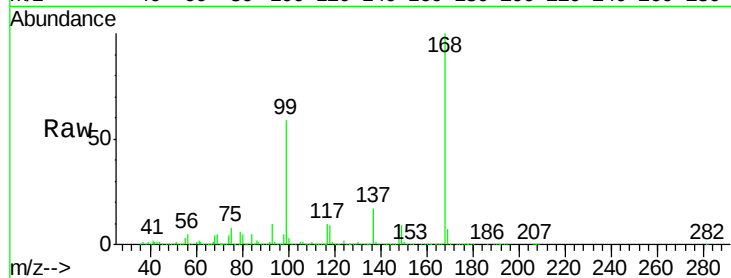
99 59.4 50.8 76.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

800000

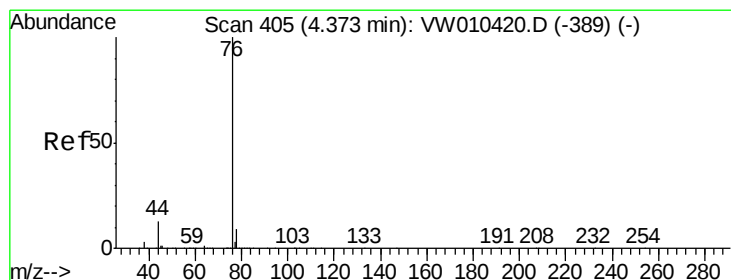
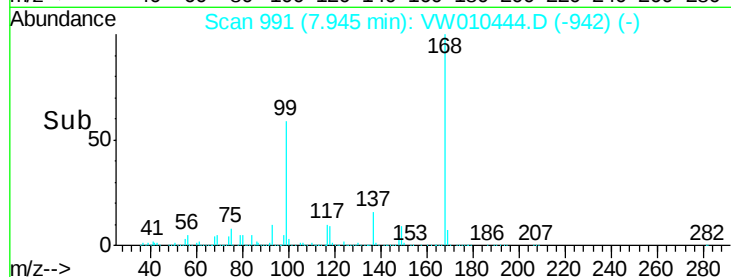
600000

400000

200000

0

Time--> 7.80 7.90 8.00



#17

Carbon Disulfide

Concen: 2.921 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010444.D

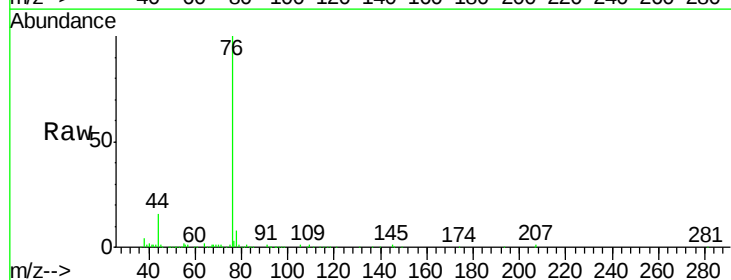
Acq: 18 May 2019 07:16

Tgt Ion: 76 Resp: 125359

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

50000

40000

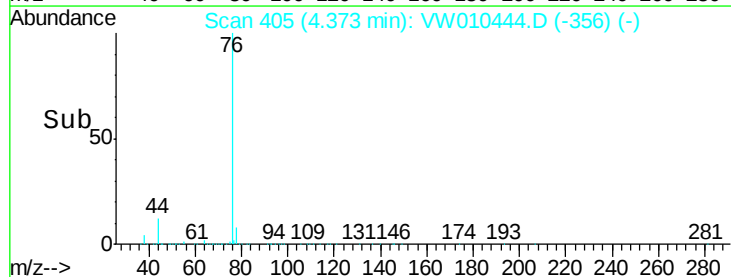
30000

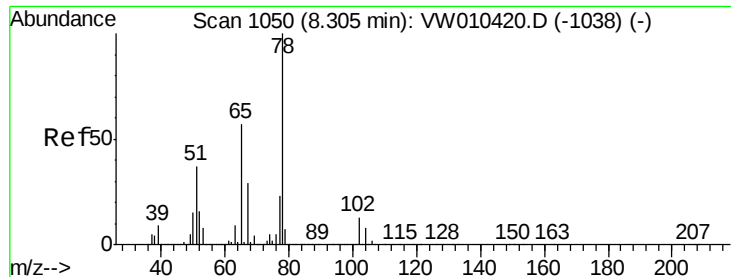
20000

10000

0

Time--> 4.30 4.40 4.50





#33

1,2-Dichloroethane-d4

Concen: 35.450 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010444.D

Acq: 18 May 2019 07:16

Instrument :

MSVOA_W

ClientSampleId :

SB-04(32)

Tot Ion: 65 Resp: 585869

Ion Ratio Lower Upper

65 100

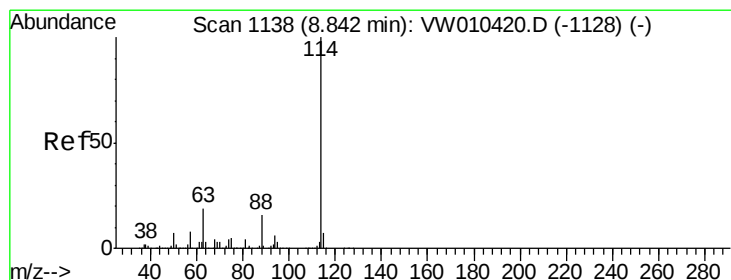
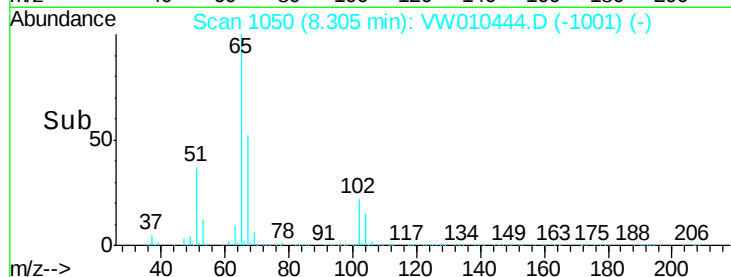
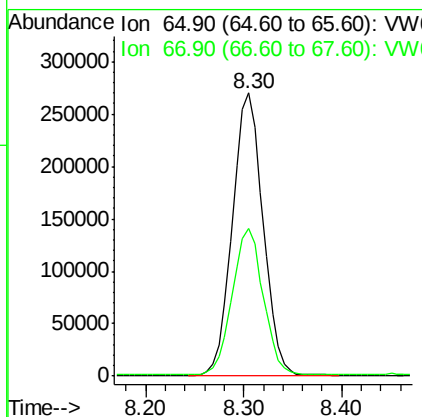
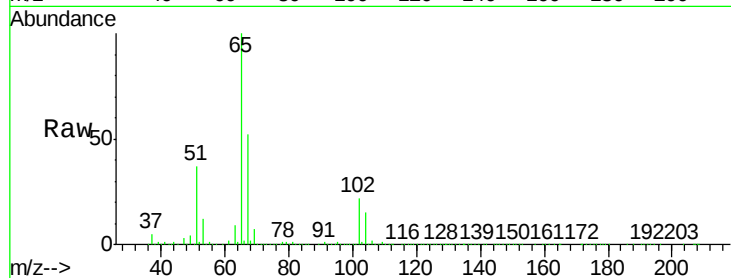
67 52.3 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010444.D

Acq: 18 May 2019 07:16

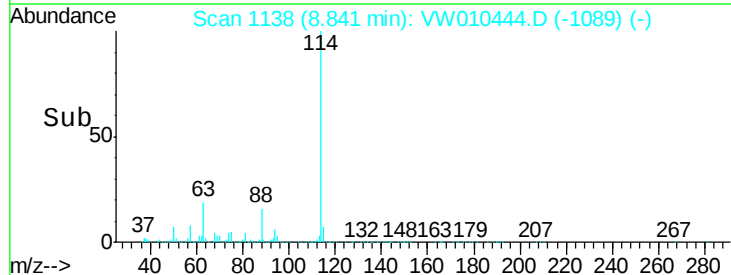
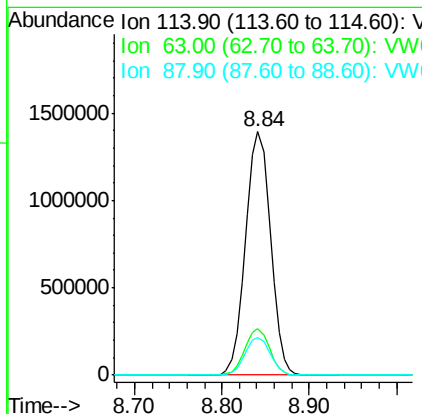
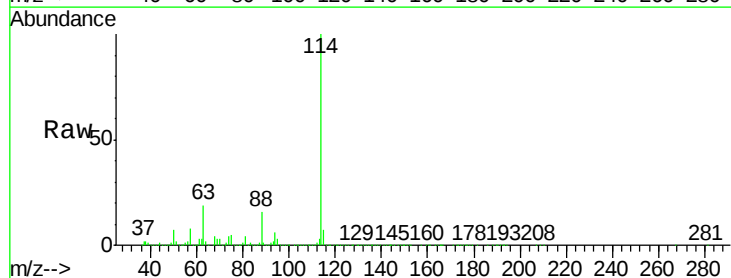
Tgt Ion: 114 Resp: 2775319

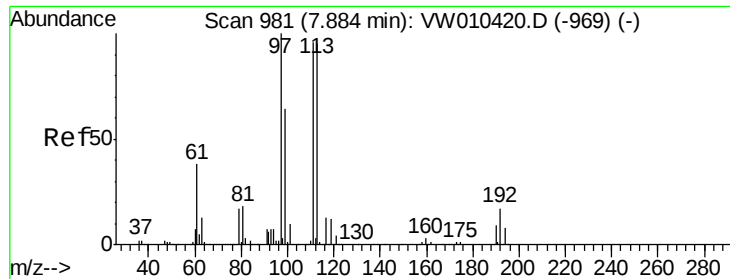
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 25.394 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010444.D

Acq: 18 May 2019 07:16

Instrument :

MSVOA_W

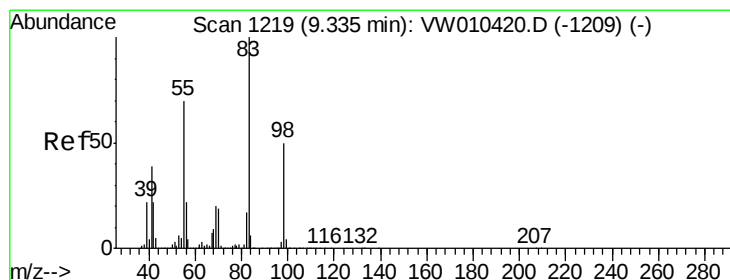
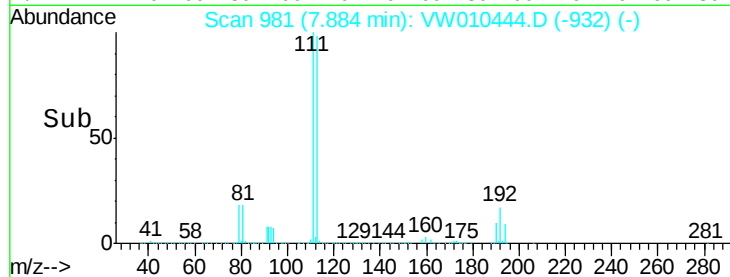
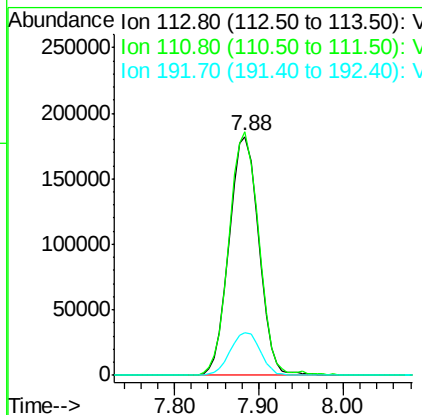
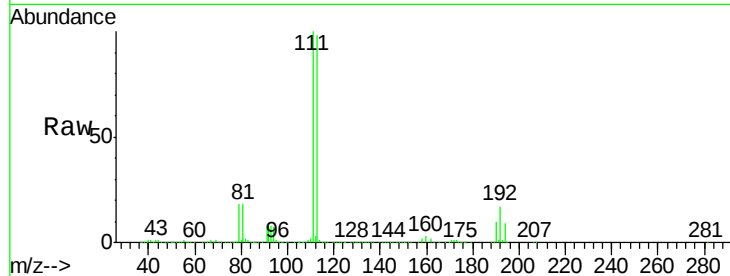
ClientSampled :

SB-04(32)

Tot Ion:	113	Resp:	435289
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.5	123.7
192	18.1	14.2	21.4

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#39

Methylcyclohexane

Concen: 9.429 ug/l

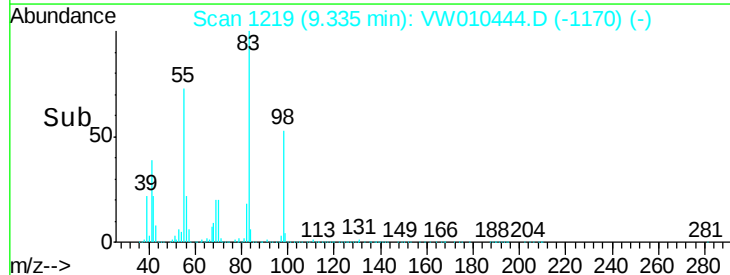
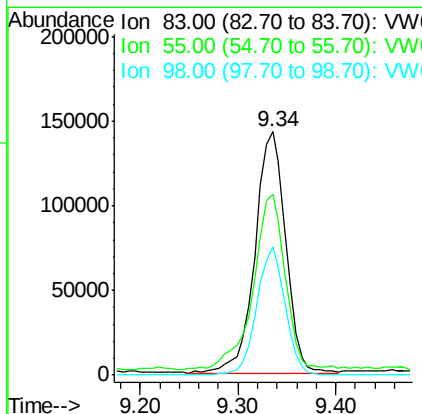
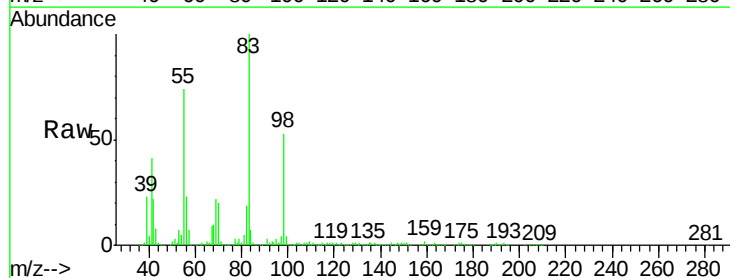
RT: 9.34 min Scan# 1219

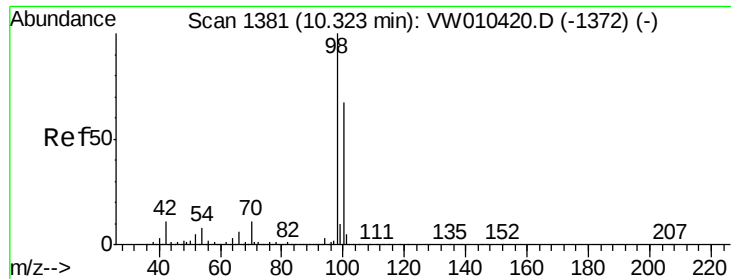
Delta R.T. -0.00 min

Lab File: VW010444.D

Acq: 18 May 2019 07:16

Tgt Ion:	83	Resp:	309363
Ion Ratio	Lower	Upper	
83	100		
55	72.1	55.7	83.5
98	53.2	40.2	60.4





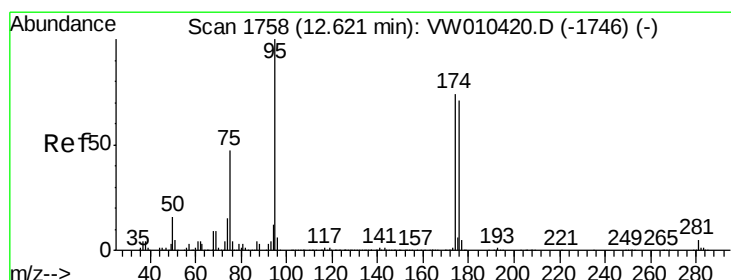
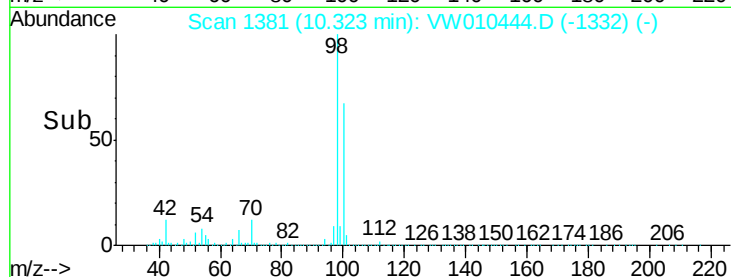
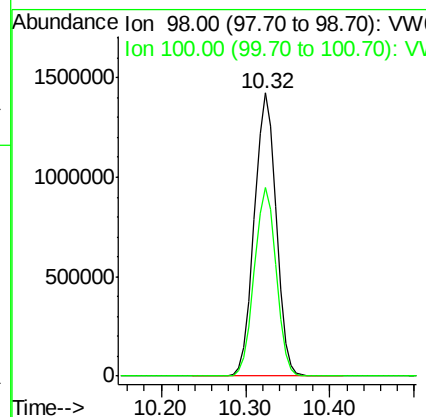
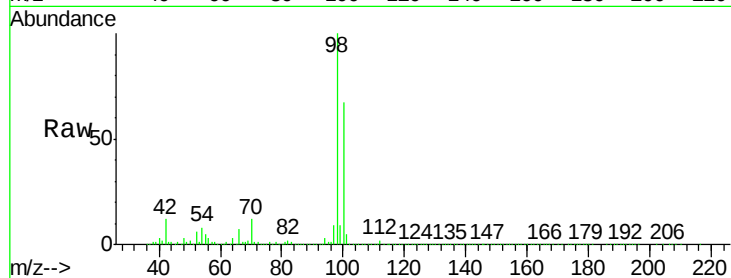
#50
Toluene-d8
Concen: 38.970 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010444.D
Acq: 18 May 2019 07:16

Instrument :
MSVOA_W
ClientSampleId :
SB-04(32)

Tot Ion: 98 Resp: 2491022
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9

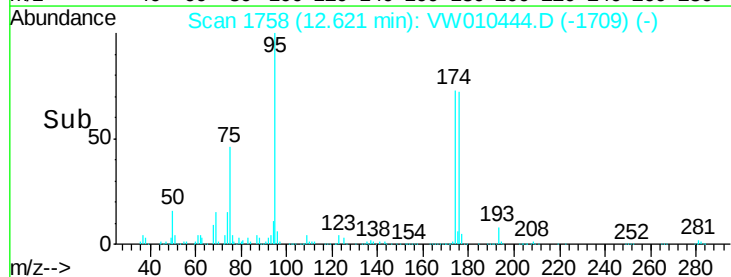
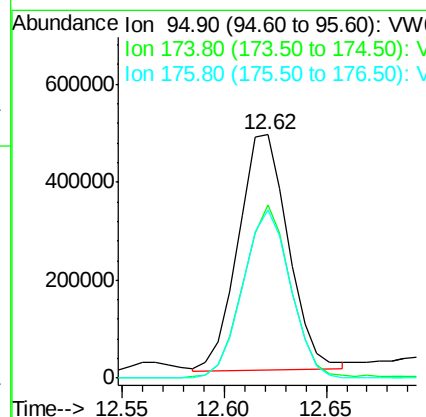
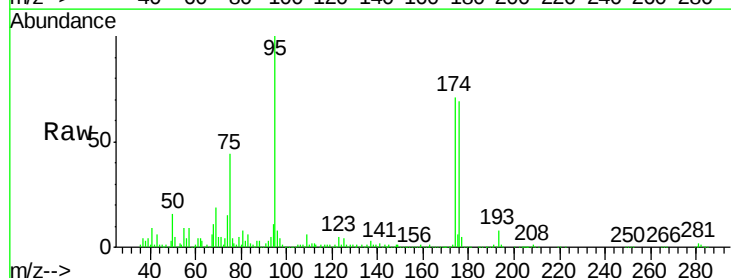
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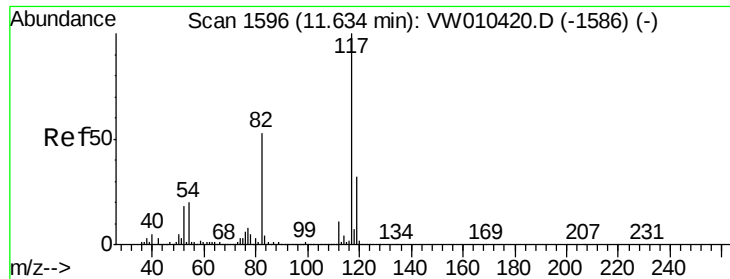
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#62
4-Bromofluorobenzene
Concen: 32.966 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010444.D
Acq: 18 May 2019 07:16

Tgt Ion: 95 Resp: 827324
Ion Ratio Lower Upper
95 100
174 68.6 0.0 146.6
176 67.0 0.0 141.4





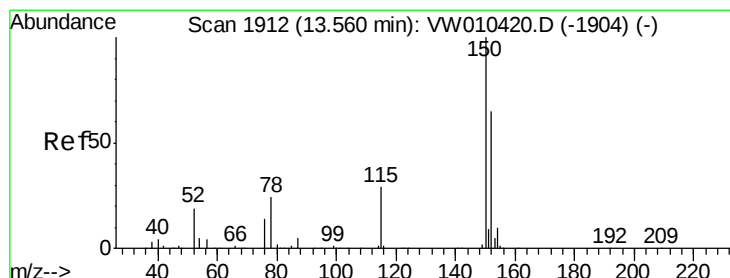
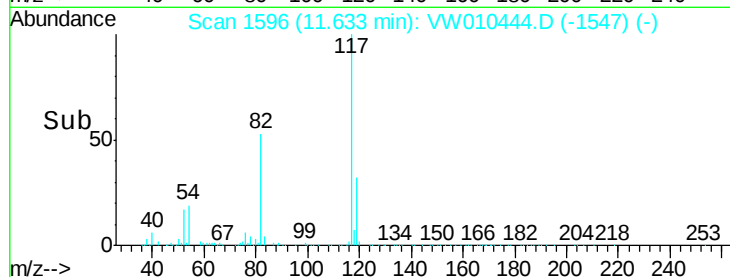
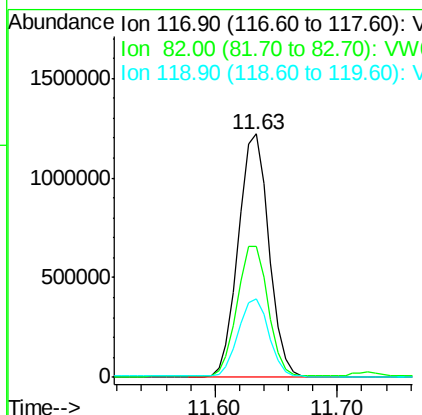
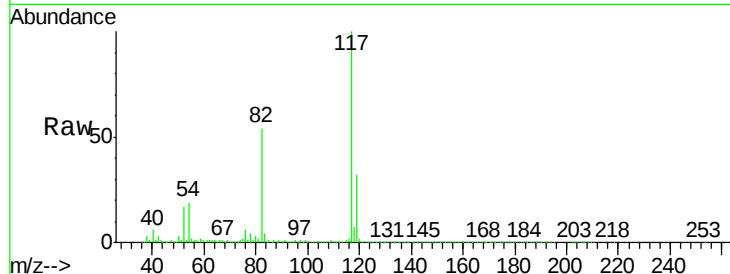
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010444.D
Acq: 18 May 2019 07:16

Instrument :
MSVOA_W
ClientSampleId :
SB-04(32)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	31.9	25.6	38.4

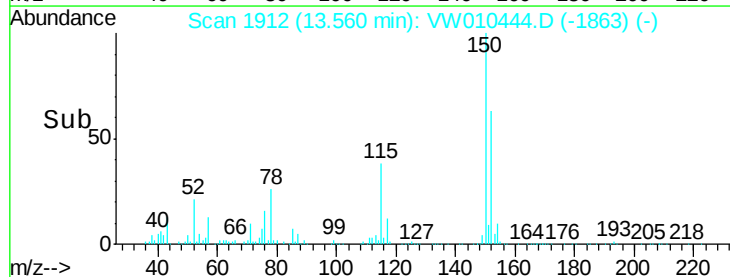
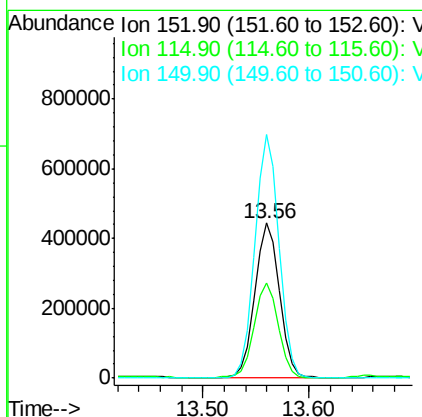
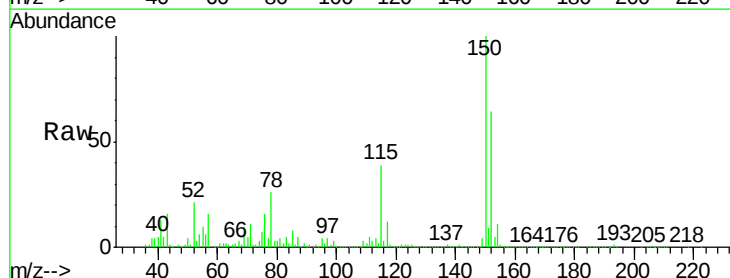
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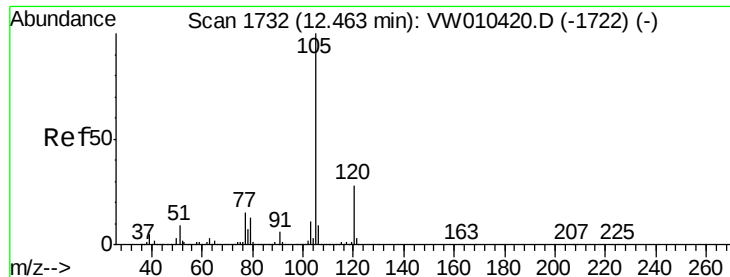
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010444.D
Acq: 18 May 2019 07:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.0	90.1
150	152.4	0.0	350.2





#73

Isopropylbenzene

Concen: 3.335 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010444.D

Acq: 18 May 2019 07:16

Instrument :

MSVOA_W

ClientSampleId :

SB-04(32)

Tot Ion: 105 Resp: 186797

Ion Ratio Lower Upper

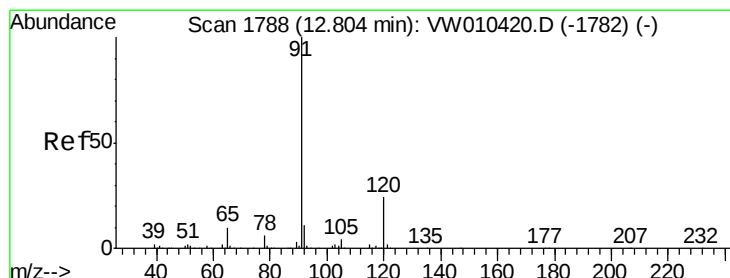
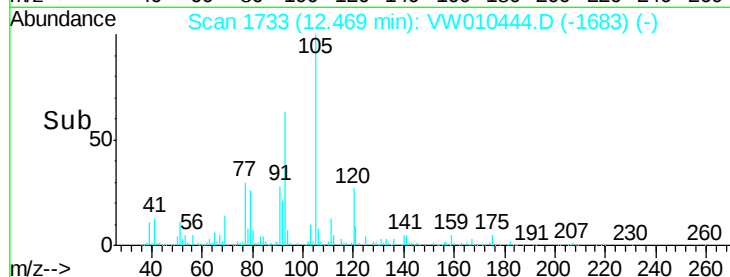
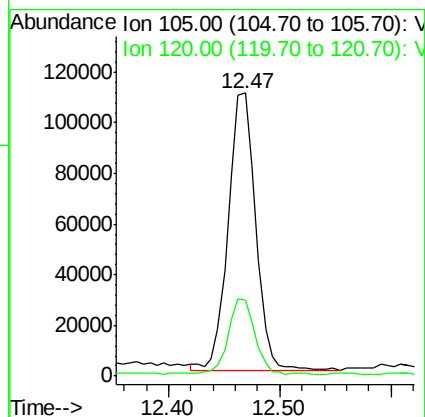
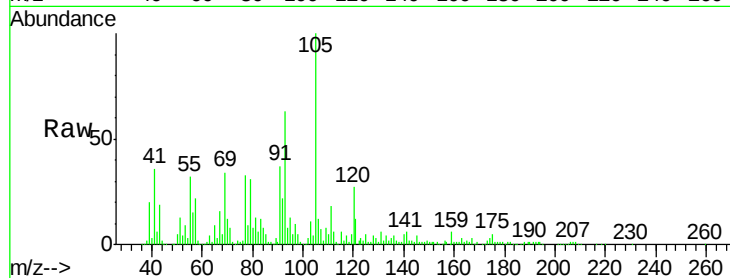
105 100

120 26.1 13.9 41.6

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#78

n-propylbenzene

Concen: 3.726 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010444.D

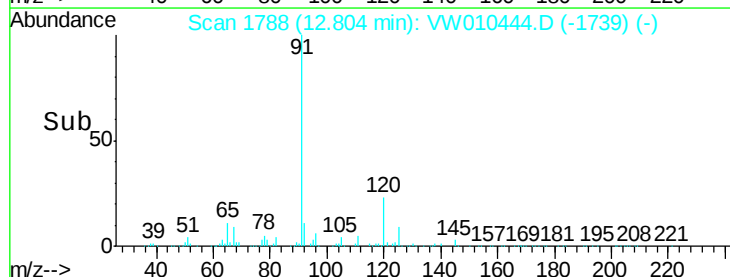
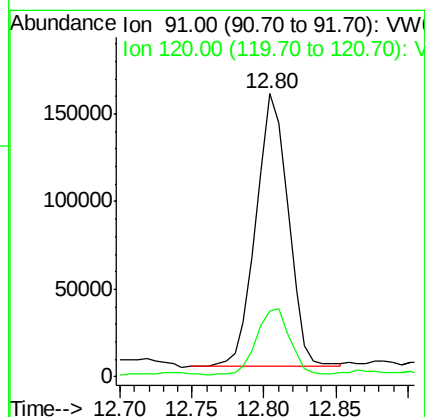
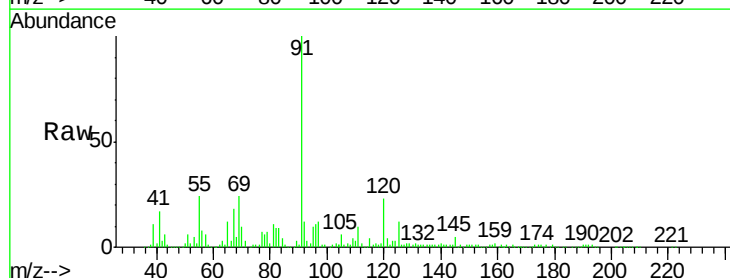
Acq: 18 May 2019 07:16

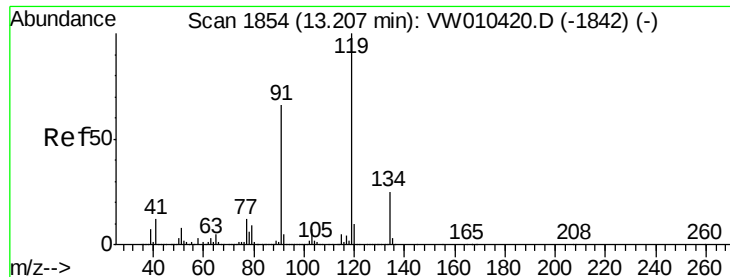
Tgt Ion: 91 Resp: 242049

Ion Ratio Lower Upper

91 100

120 25.1 12.0 36.1





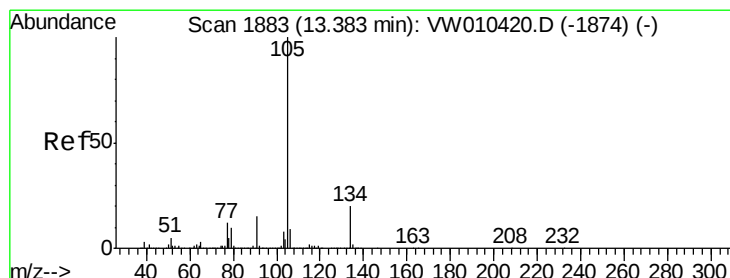
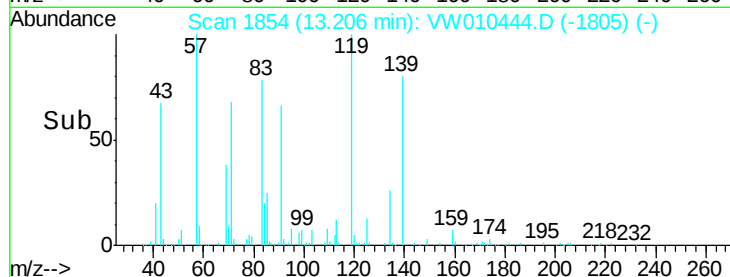
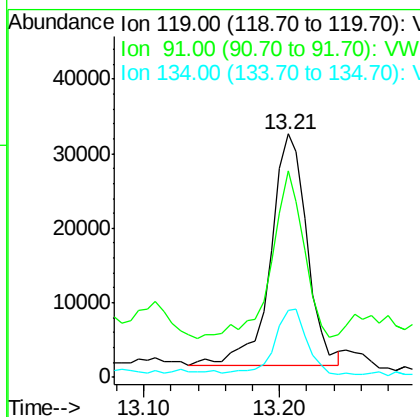
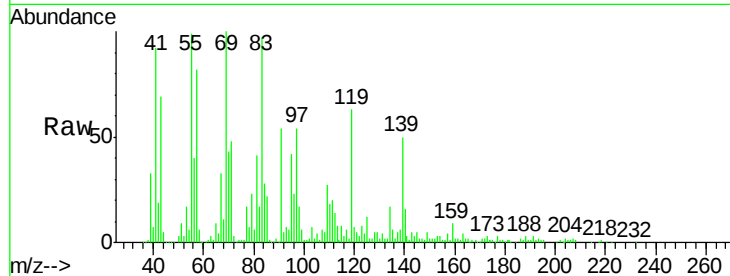
#83
tert-Butylbenzene
Concen: 1.449 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010444.D
Acq: 18 May 2019 07:16

Instrument :
MSVOA_W
ClientSampleId :
SB-04(32)

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	33.5	100.5
134	24.1	13.8	41.4

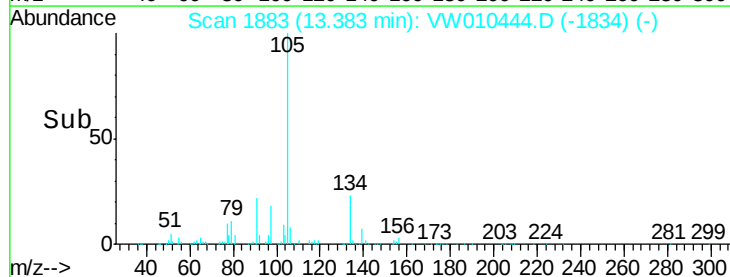
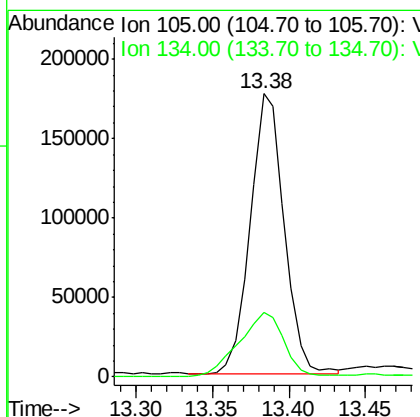
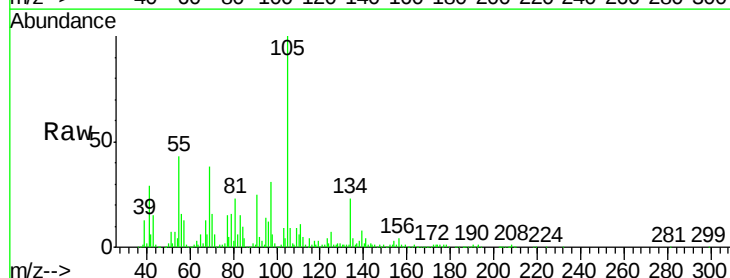
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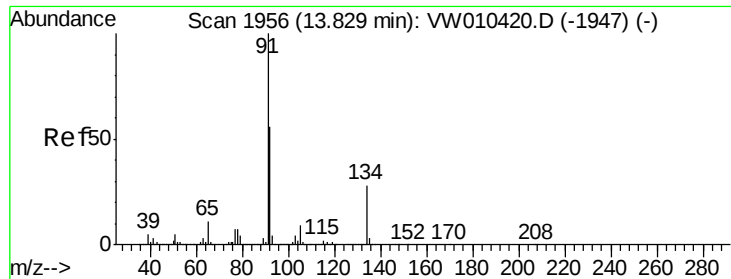
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#85
sec-Butylbenzene
Concen: 4.797 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW010444.D
Acq: 18 May 2019 07:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	30.2	10.4	31.4





#89
 n-Butylbenzene
 Concen: 4.571 ug/l m
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW010444.D
 Acq: 18 May 2019 07:16

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04(32)

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.7	27.7	83.0
134	45.3	13.8	41.3

Manual Integrations
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