

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
 Data File : VY000766.D
 Acq On : 21 Nov 2019 14:36
 Operator : SY/MD
 Sample : K5957-01
 Misc : 5.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

Manual Integrations
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MMDadoda
 11/23/2019 6:11:10 AM

Quant Time: Nov 27 04:04:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	509704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	424062	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	173611	59.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.12%	
35) Dibromofluoromethane	7.72	113	155178	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	10.19	98	732301	64.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.00%	
62) 4-Bromofluorobenzene	12.45	95	6113938	1414.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	2828.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	13784	48.168	ug/l #	85
16) Acetone	3.96	43	23333	28.798	ug/l	99
17) Carbon Disulfide	4.20	76	16401	1.833	ug/l	97
30) Chloroform	7.52	83	8160	1.485	ug/l #	82
39) Methylcyclohexane	9.17	83	58560	9.407	ug/l #	49
64) Tetrachloroethene	10.73	164	10401	3.018	ug/l #	83
73) Isopropylbenzene	12.35	105	5678405	181.179	ug/l	100
78) n-propylbenzene	12.69	91	5136122	135.819	ug/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	1592366	61.004	ug/l	69
83) tert-Butylbenzene	13.08	119	2114084	94.855	ug/l	90
84) 1,2,4-Trimethylbenzene	13.12	105	19303692	742.752	ug/l	78
85) sec-Butylbenzene	13.26	105	6119507	192.721	ug/l #	69
86) p-Isopropyltoluene	13.38	119	506444m	17.895	ug/l	
89) n-Butylbenzene	13.70	91	3117929	111.704	ug/l #	81

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

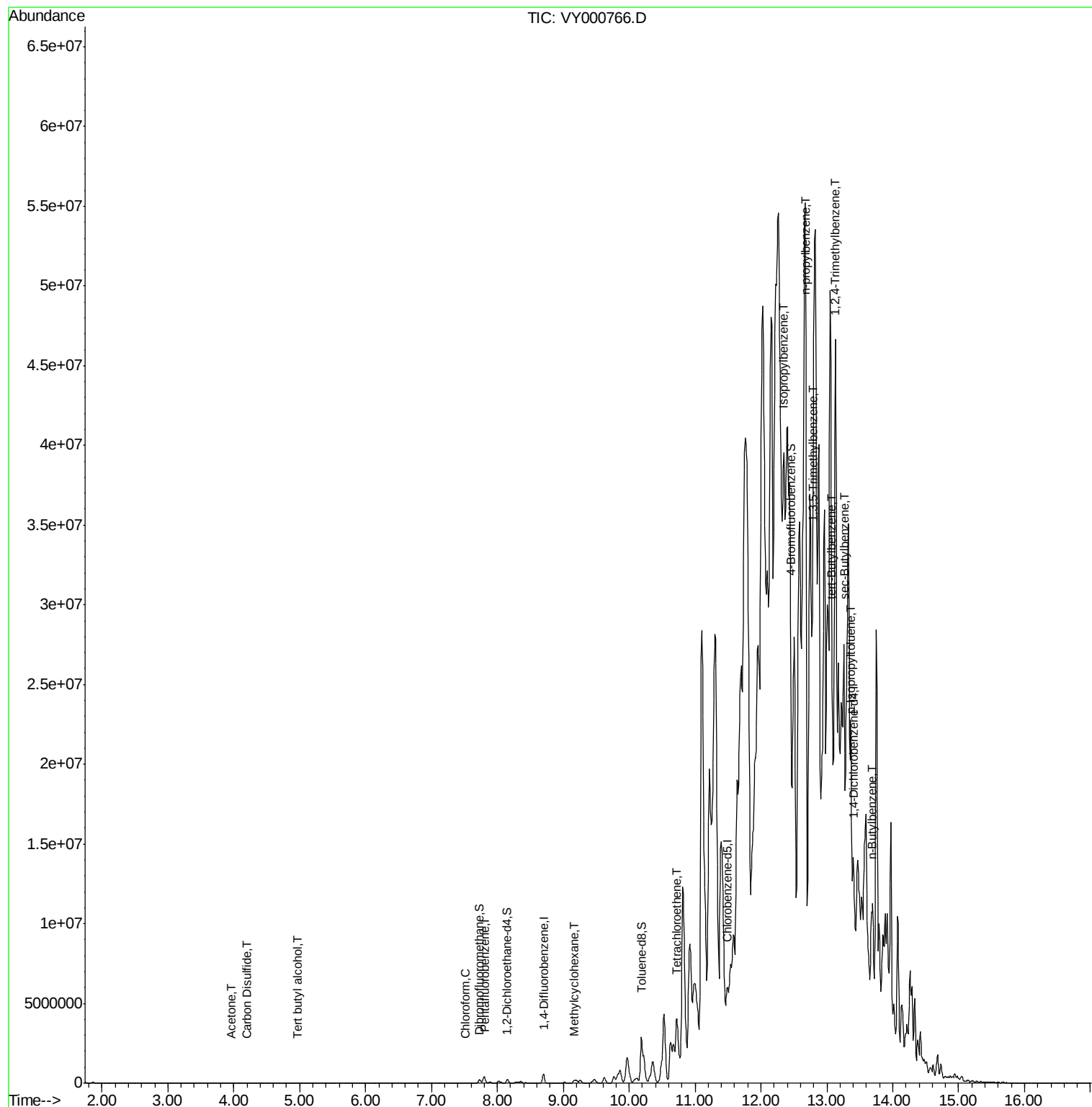
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000766.D
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Operator : SY/MD
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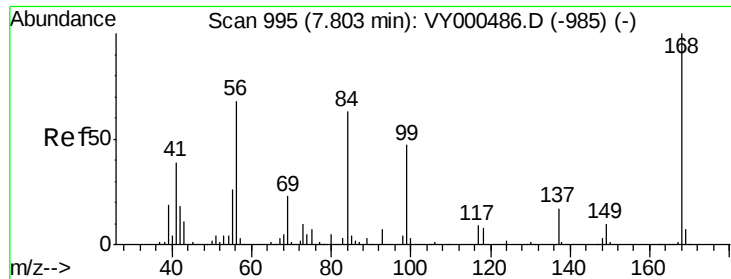
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

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Quant Time: Nov 27 04:04:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

Tgt Ion: 168 Resp: 284070

Ion Ratio Lower Upper

168 100

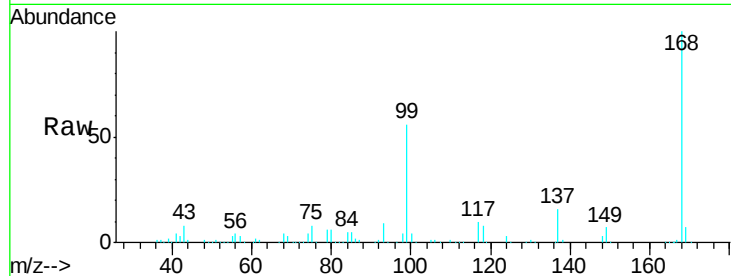
99 56.0 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

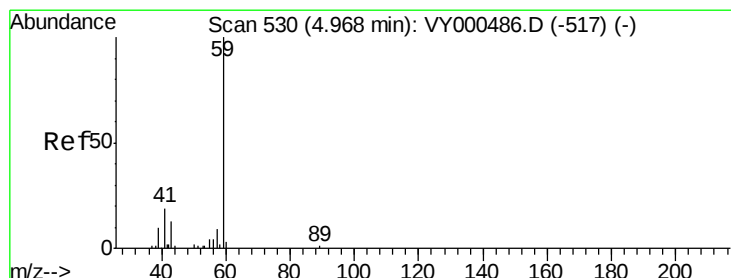
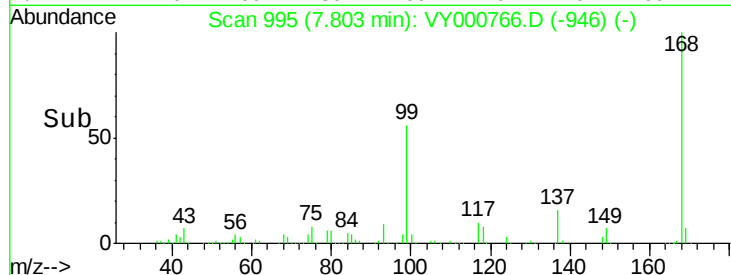
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 48.168 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000766.D

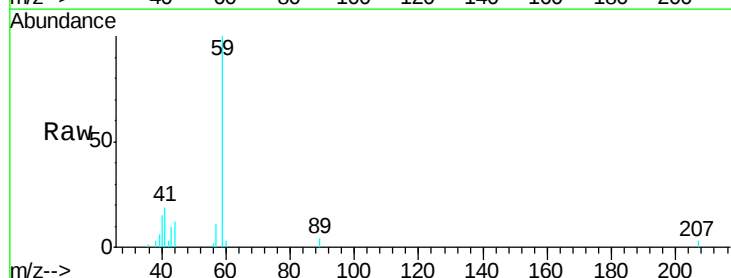
Acq: 21 Nov 2019 14:36

Tgt Ion: 59 Resp: 13784

Ion Ratio Lower Upper

59 100

57 5.1 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY000486.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY000486.D (-517) (-)

4.97

4000

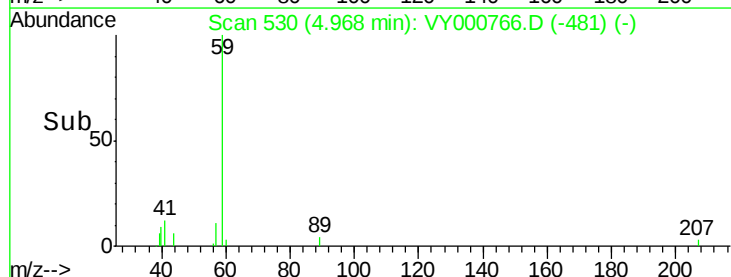
3000

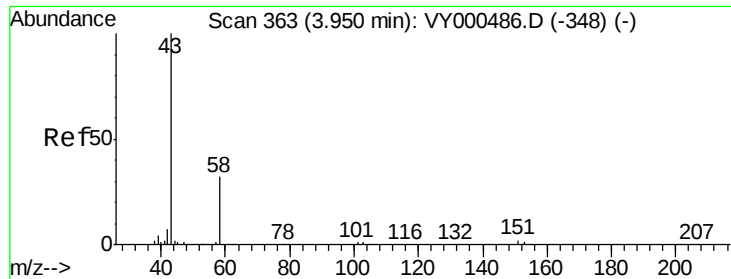
2000

1000

0

Time-->





#16

Acetone

Concen: 28.798 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

Tgt Ion: 43 Resp: 23333

Ion Ratio Lower Upper

43 100

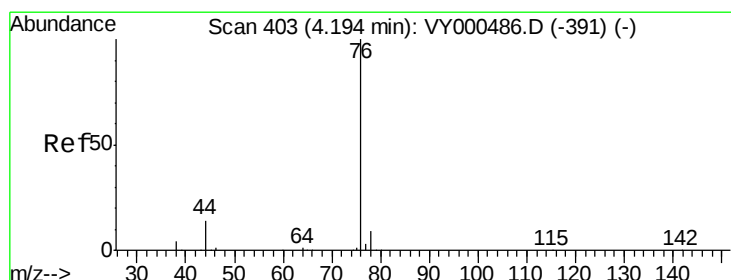
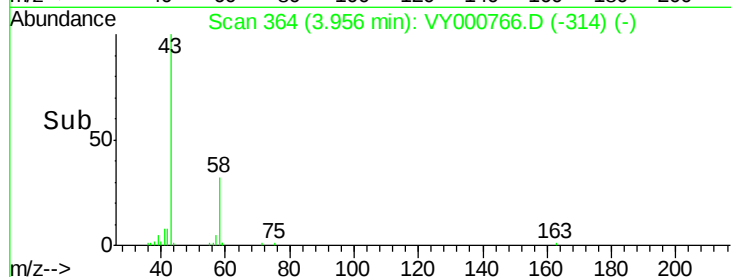
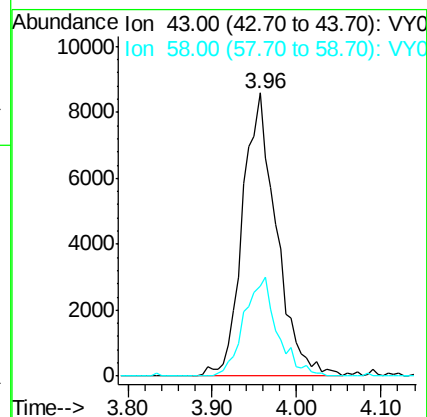
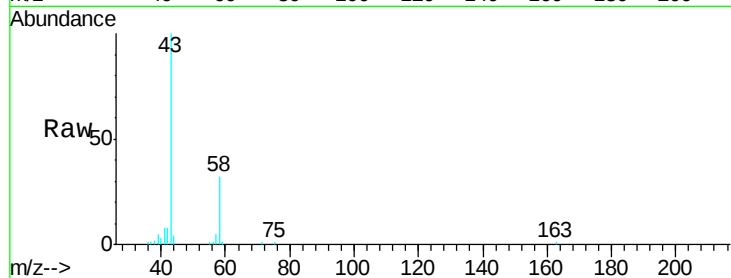
58 31.7 25.8 38.6

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.833 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000766.D

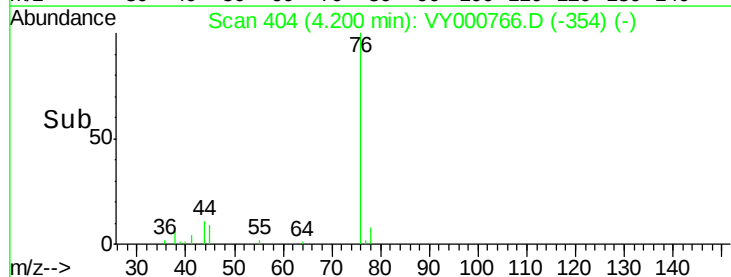
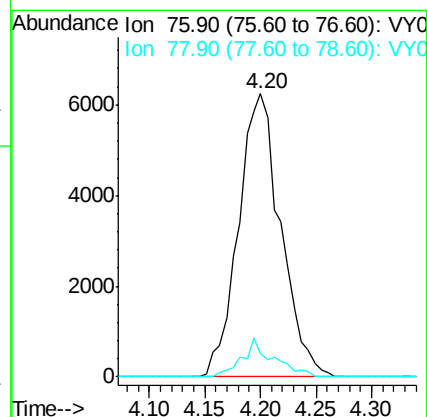
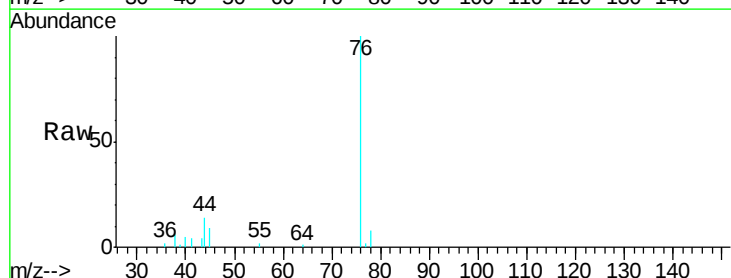
Acq: 21 Nov 2019 14:36

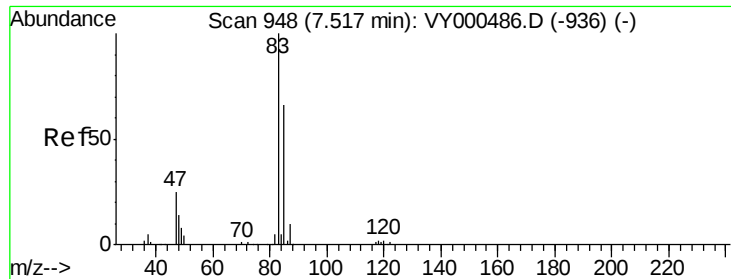
Tgt Ion: 76 Resp: 16401

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3





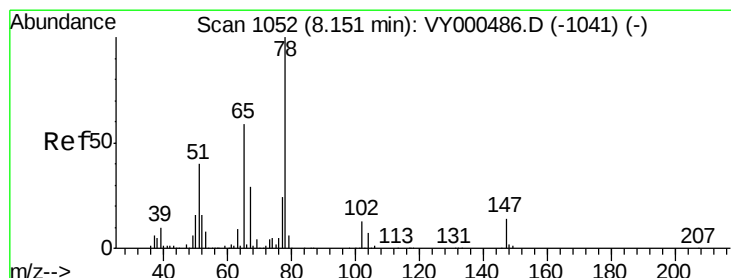
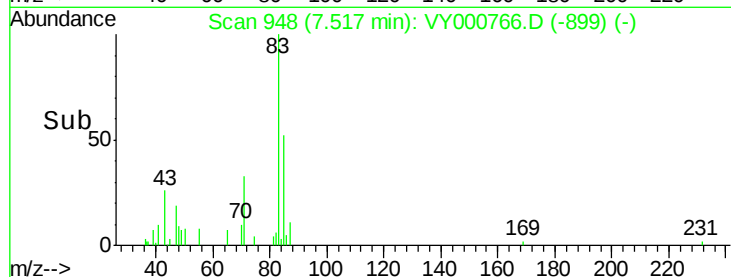
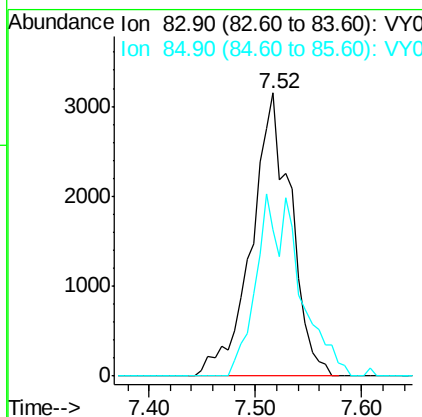
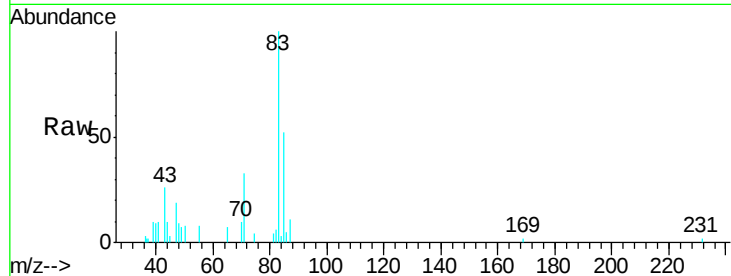
#30
Chloroform
Concen: 1.485 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

Tgt Ion: 83 Resp: 8160
Ion Ratio Lower Upper
83 100
85 52.0 53.0 79.4#

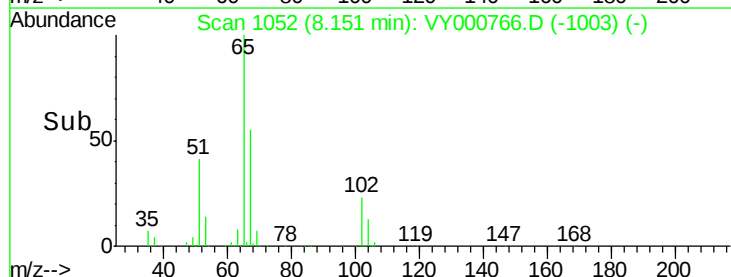
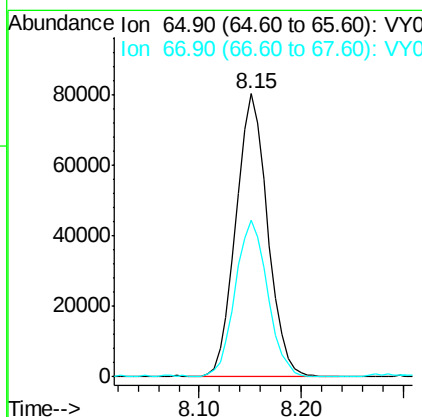
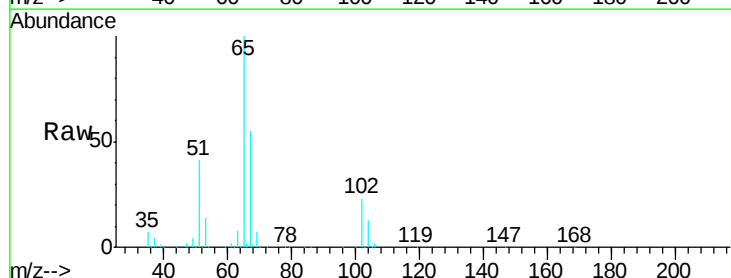
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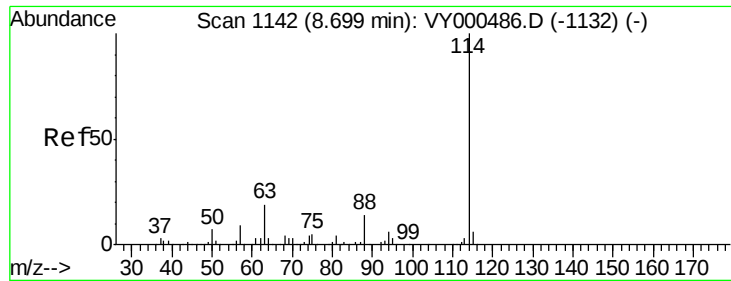
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#33
1,2-Dichloroethane-d4
Concen: 59.056 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion: 65 Resp: 173611
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.2





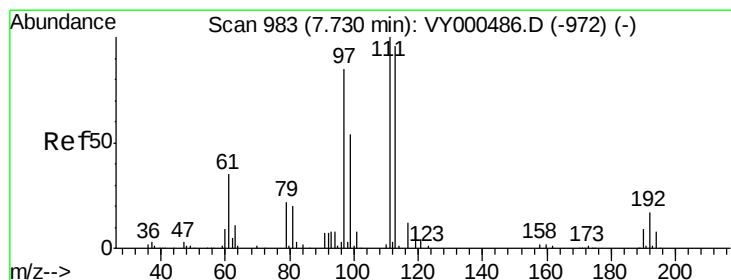
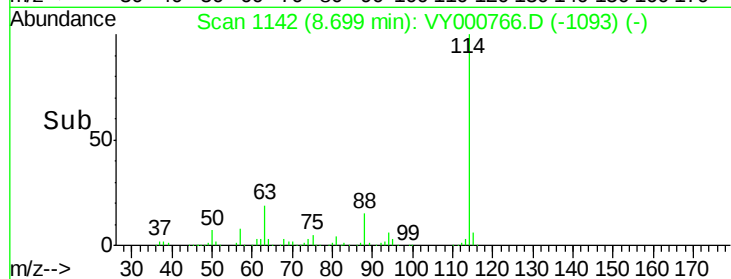
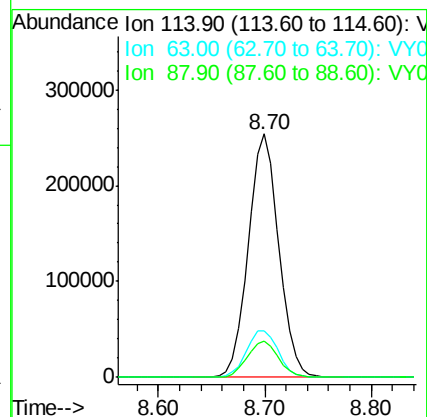
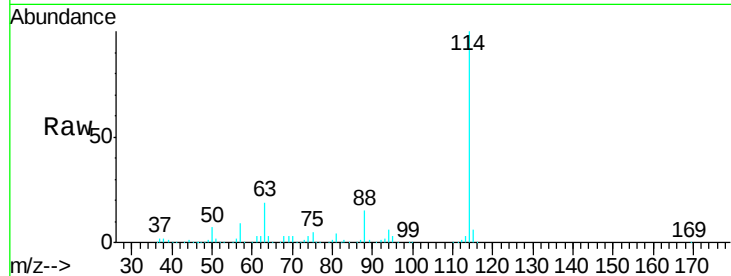
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	509704		
63	19.3		0.0	38.0
88	14.9		0.0	28.6

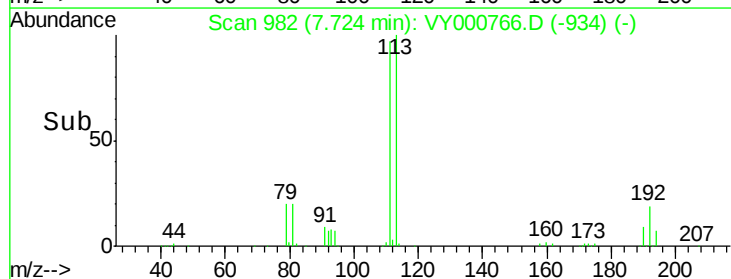
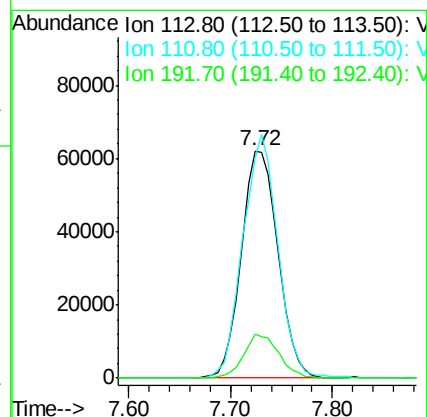
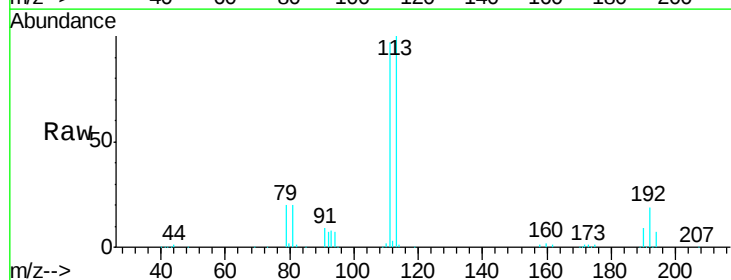
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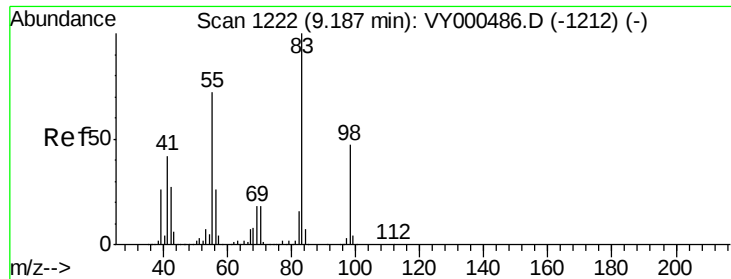
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#35
 Dibromofluoromethane
 Concen: 51.859 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	155178		
111	102.4		81.7	122.5
192	18.3		15.0	22.4





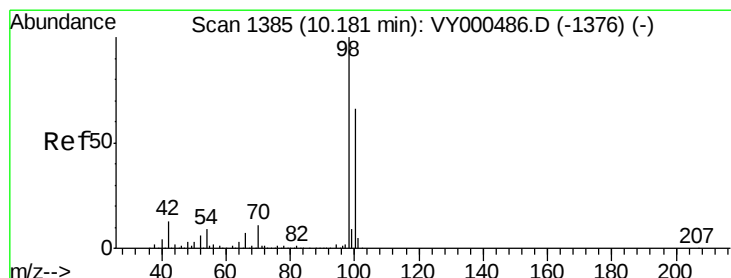
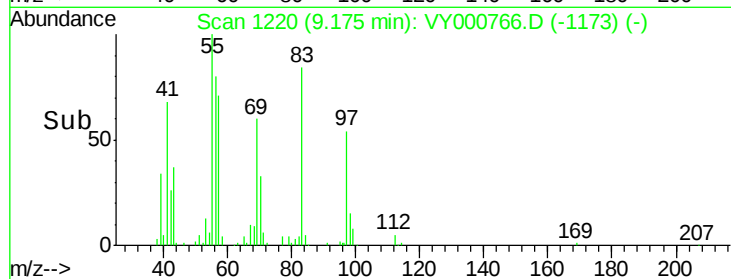
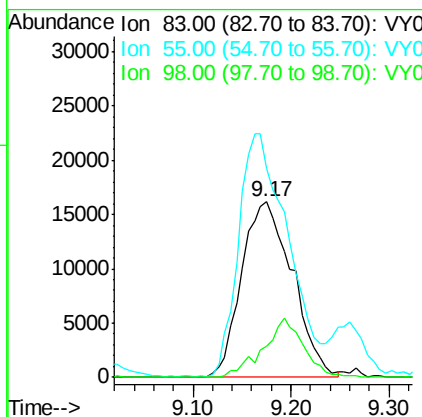
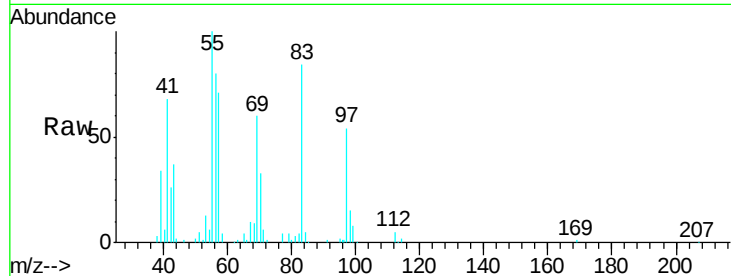
#39
Methylcyclohexane
Concen: 9.407 ug/l
RT: 9.17 min Scan# 1220
Delta R.T. -0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

Tgt Ion	Ratio	Lower	Upper
83	100		
55	118.7	57.5	86.3#
98	18.0	38.0	57.0#

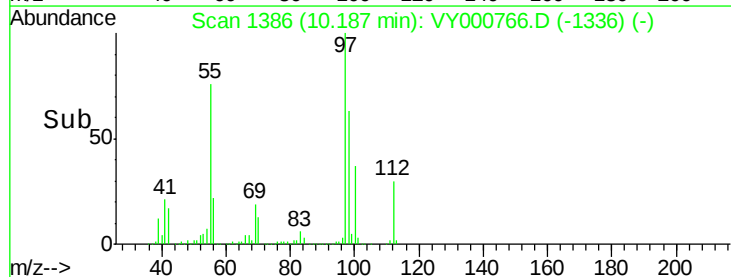
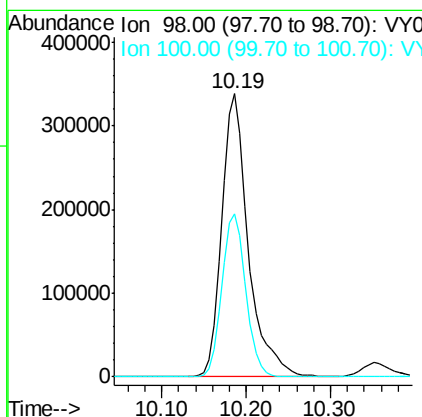
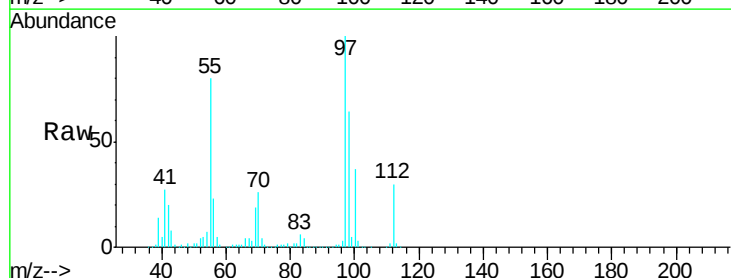
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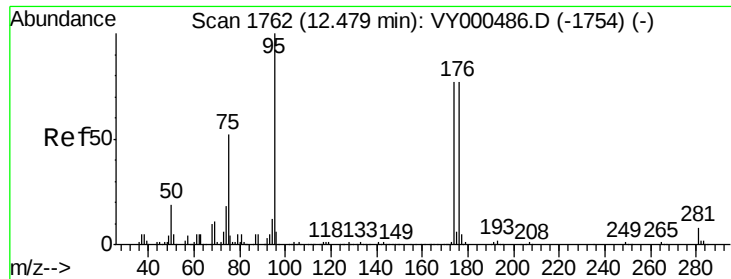
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#50
Toluene-d8
Concen: 64.496 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	51.8	52.9	79.3#





#62

4-Bromofluorobenzene

Concen: 1414.457 ug/l

RT: 12.45 min Scan# 1758

Delta R.T. -0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

Tgt Ion: 95 Resp: 6113938

Ion Ratio Lower Upper

95 100

174 0.0 0.0 161.6

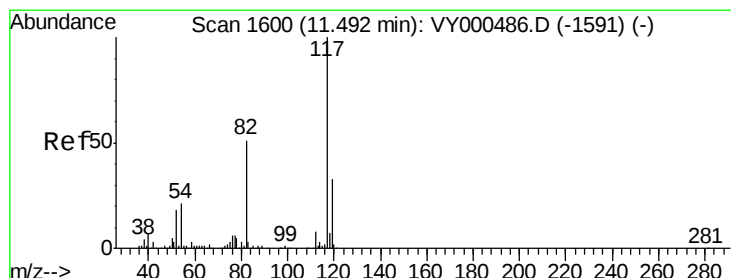
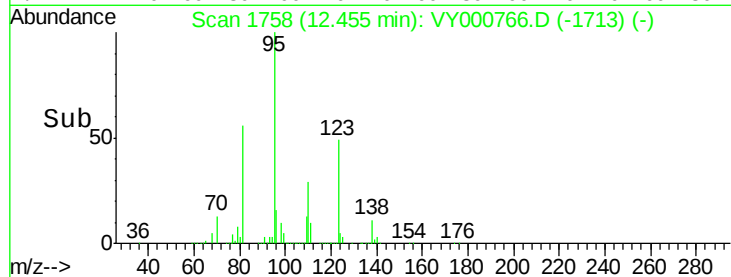
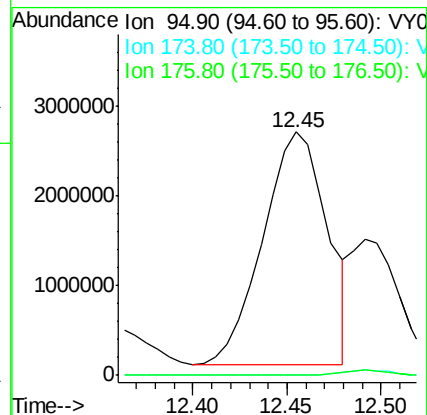
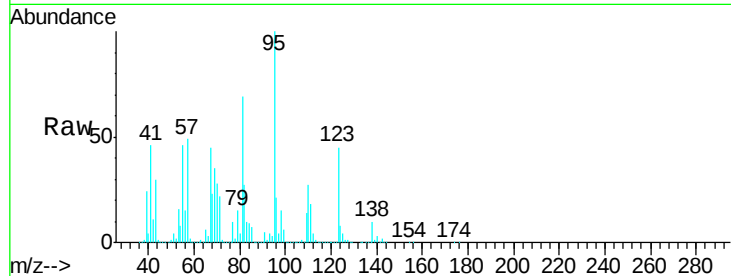
176 0.0 0.0 157.8

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

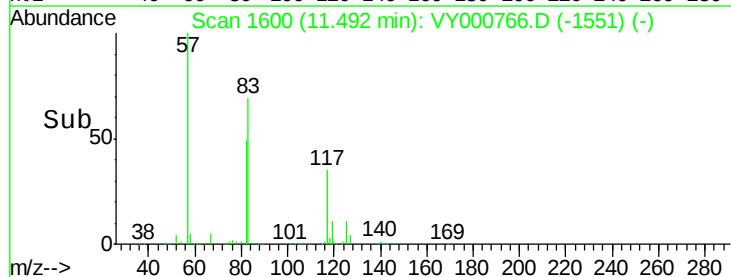
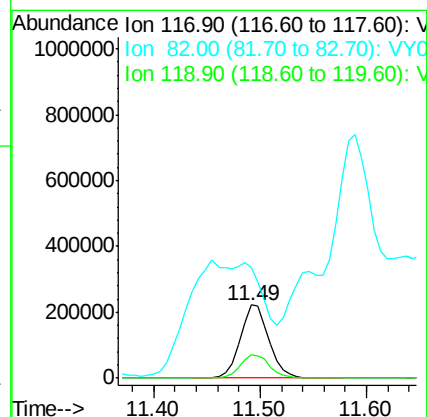
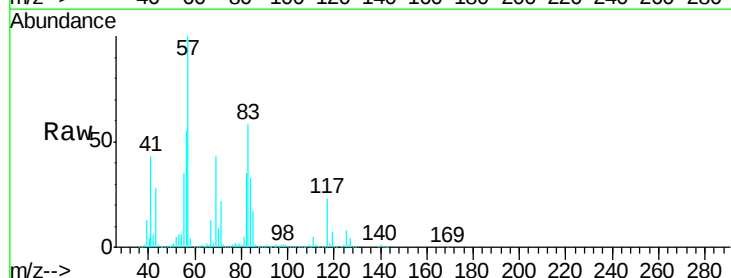
Tgt Ion: 117 Resp: 416756

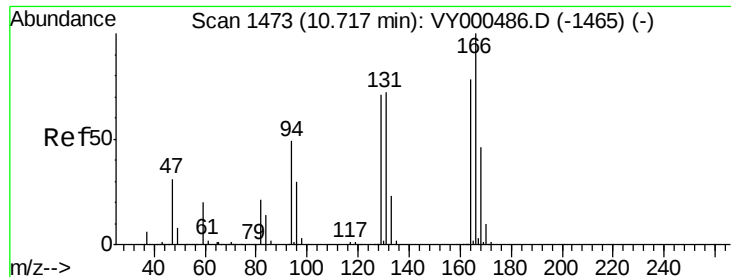
Ion Ratio Lower Upper

117 100

82 31.3 40.8 61.2#

119 31.7 26.2 39.2





#64

Tetrachloroethene

Concen: 3.018 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

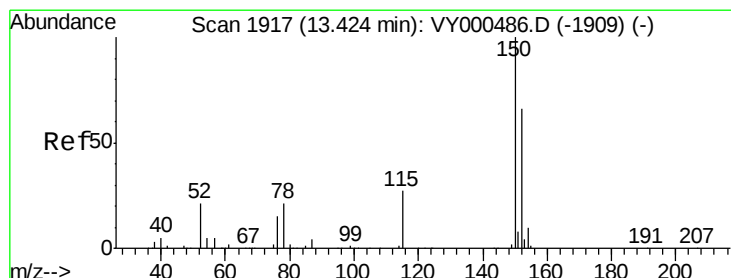
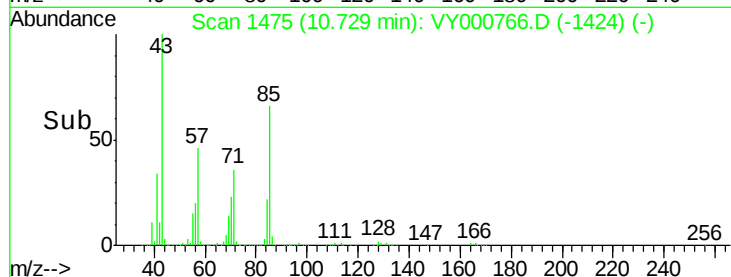
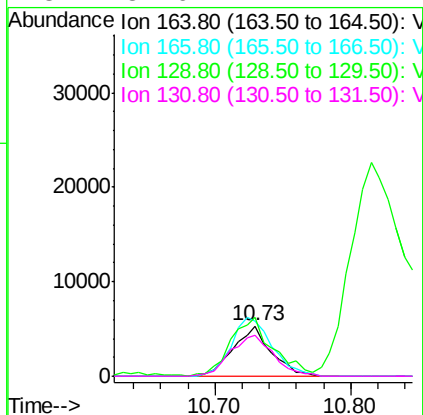
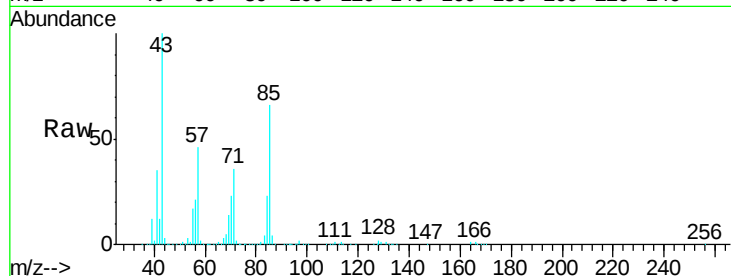
ClientSampleId :

MW-1-(12-14)

Tgt Ion:	164	Resp:	10401
Ion Ratio	Lower	Upper	
164	100		
166	111.0	102.7	154.1
129	115.8	73.2	109.8#
131	82.6	74.2	111.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

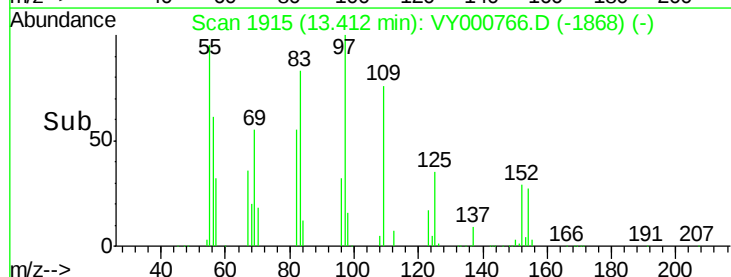
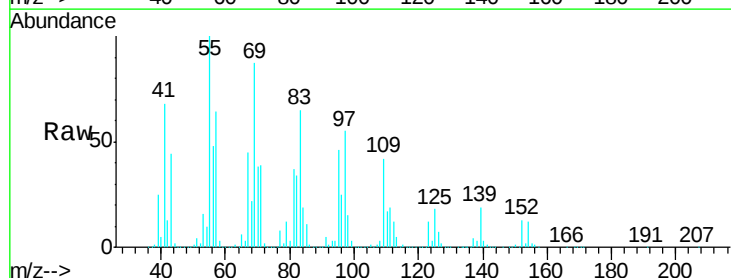
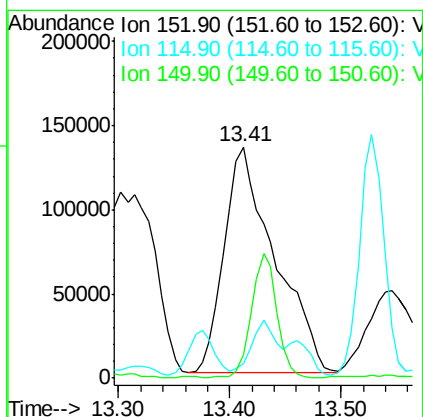
RT: 13.41 min Scan# 1915

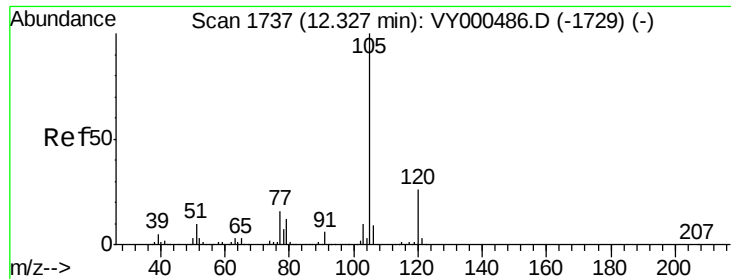
Delta R.T. -0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Tgt Ion:	152	Resp:	424062
Ion Ratio	Lower	Upper	
152	100		
115	11.0	29.1	87.4#
150	27.6	0.0	348.8





#73

Isopropylbenzene

Concen: 181.179 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

Tgt Ion: 105 Resp: 5678405

Ion Ratio Lower Upper

105 100

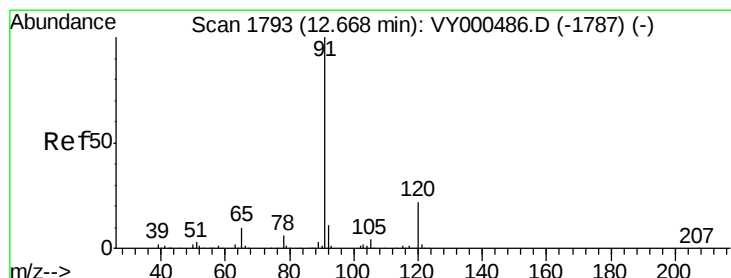
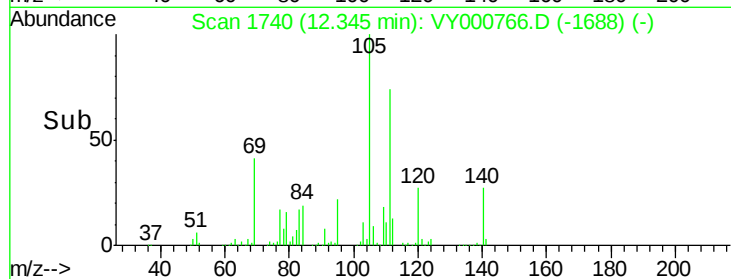
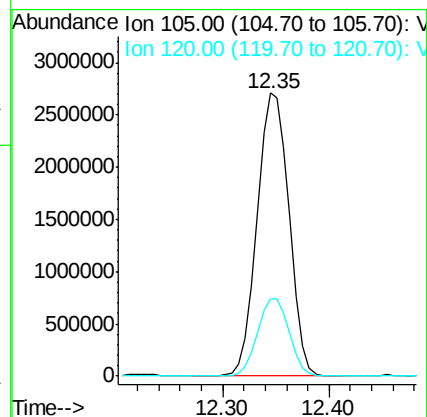
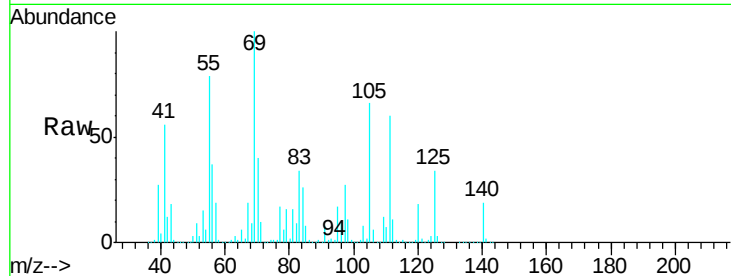
120 27.1 13.5 40.4

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#78

n-propylbenzene

Concen: 135.819 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.02 min

Lab File: VY000766.D

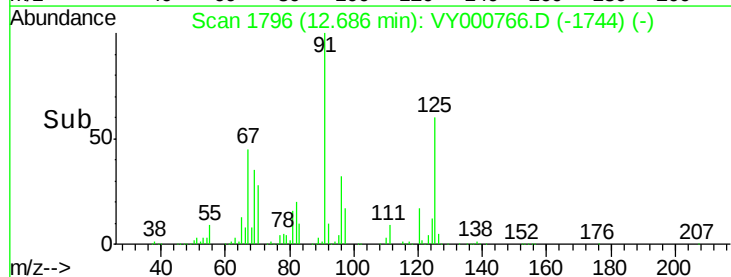
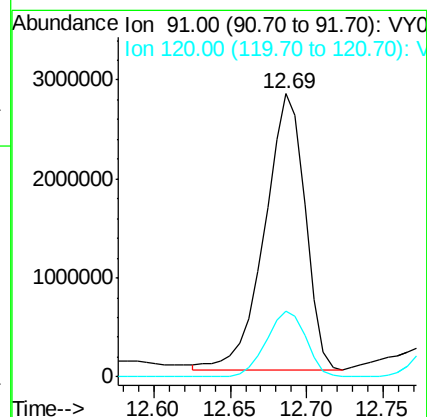
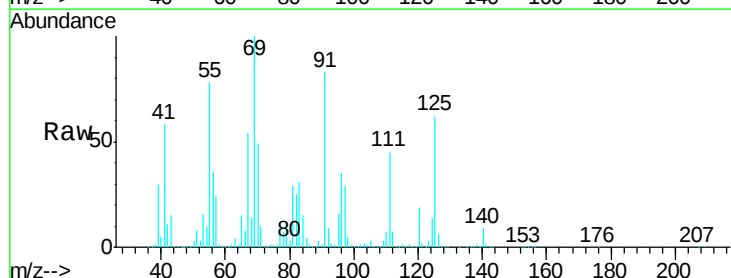
Acq: 21 Nov 2019 14:36

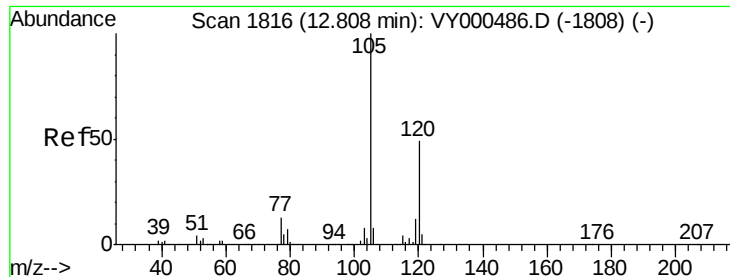
Tgt Ion: 91 Resp: 5136122

Ion Ratio Lower Upper

91 100

120 23.5 11.4 34.1





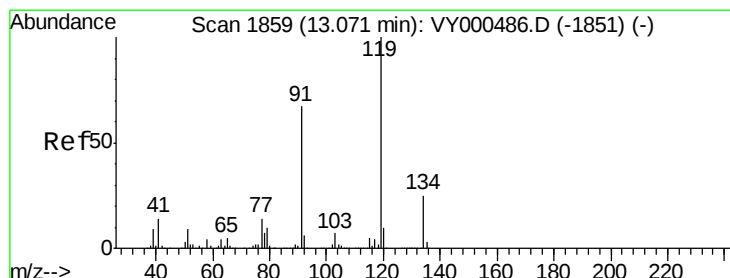
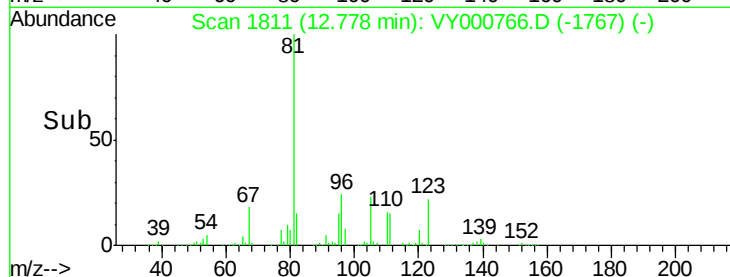
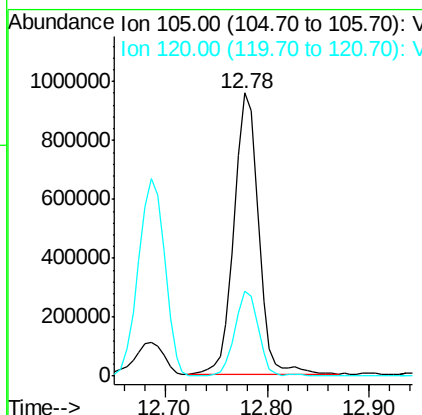
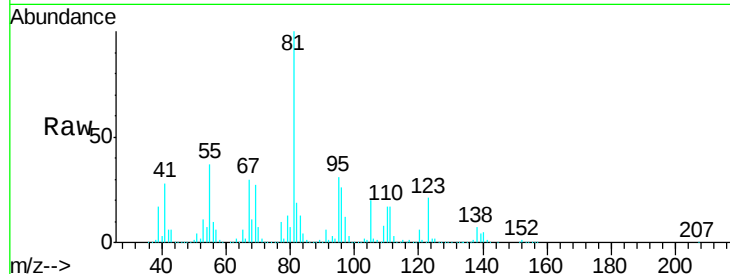
#80
 1,3,5-Trimethylbenzene
 Concen: 61.004 ug/l
 RT: 12.78 min Scan# 1811
 Delta R.T. -0.03 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

Tgt Ion:105 Resp: 1592366
 Ion Ratio Lower Upper
 105 100
 120 28.5 24.9 74.8

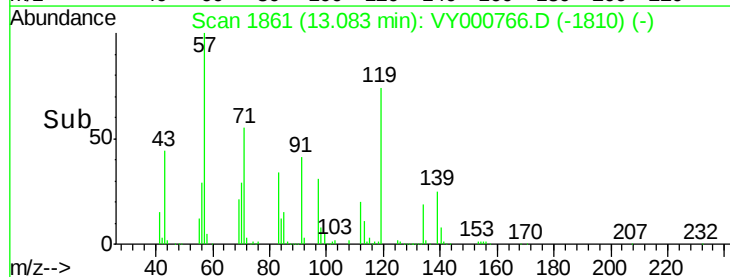
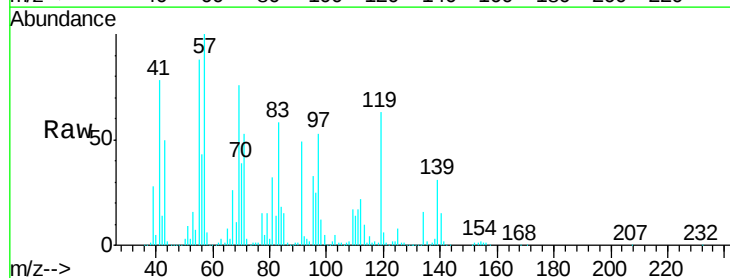
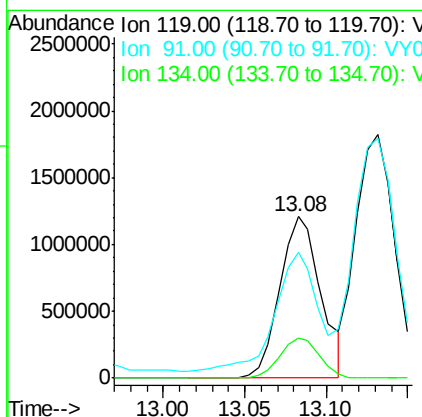
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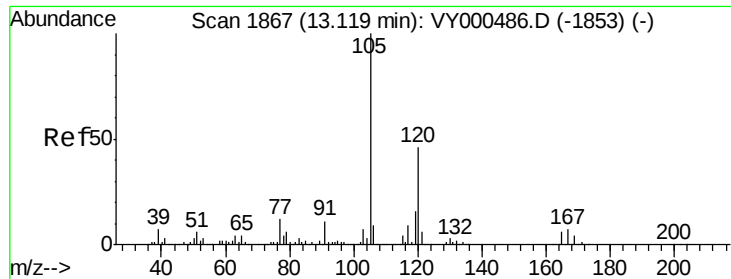
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#83
 tert-Butylbenzene
 Concen: 94.855 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion:119 Resp: 2114084
 Ion Ratio Lower Upper
 119 100
 91 74.2 32.1 96.3
 134 23.9 13.2 39.5





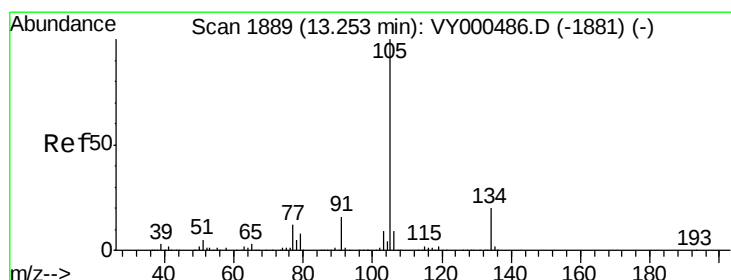
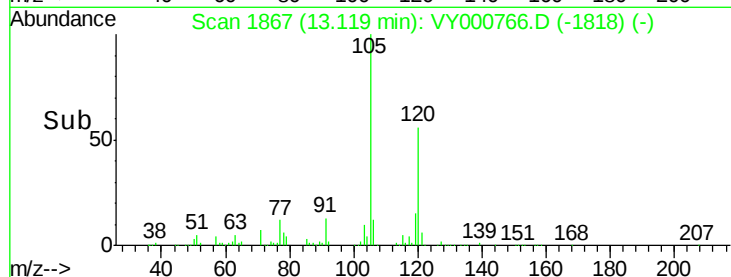
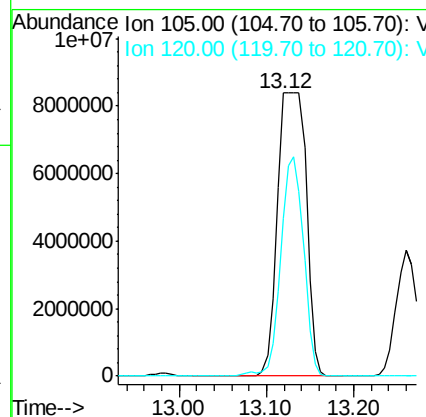
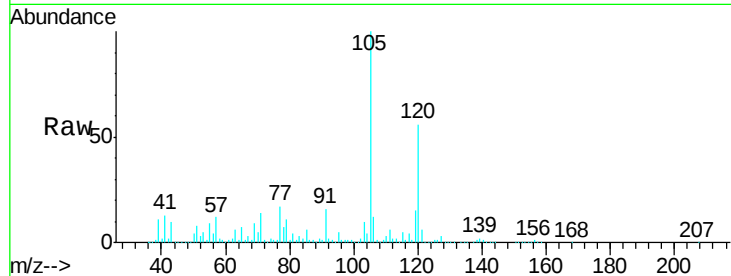
#84
1,2,4-Trimethylbenzene
Concen: 742.752 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

Tgt Ion:105 Resp:19303692
Ion Ratio Lower Upper
105 100
120 61.5 23.3 69.9

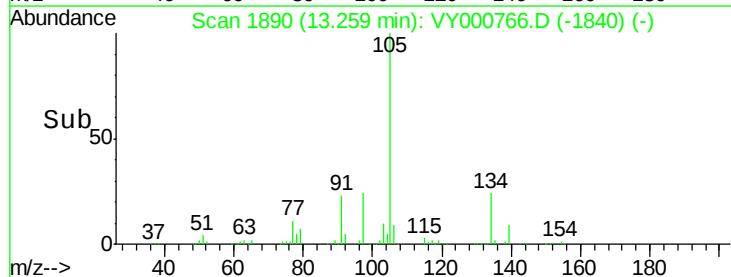
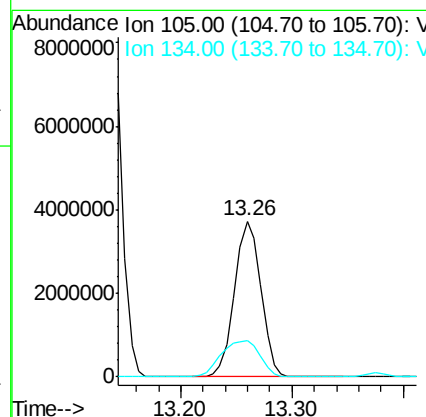
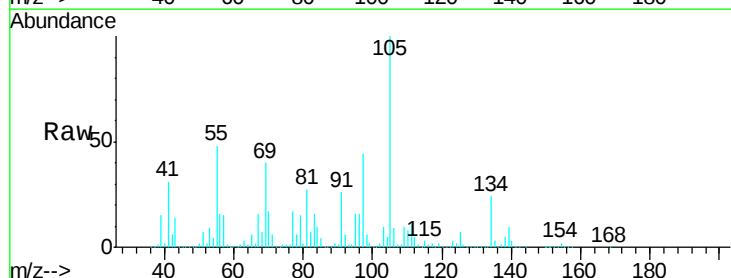
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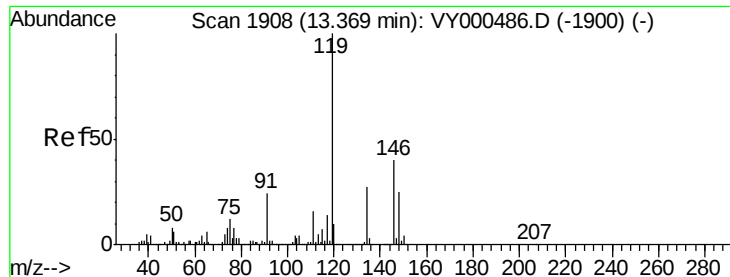
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#85
sec-Butylbenzene
Concen: 192.721 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion:105 Resp: 6119507
Ion Ratio Lower Upper
105 100
134 34.2 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 17.895 ug/l m

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

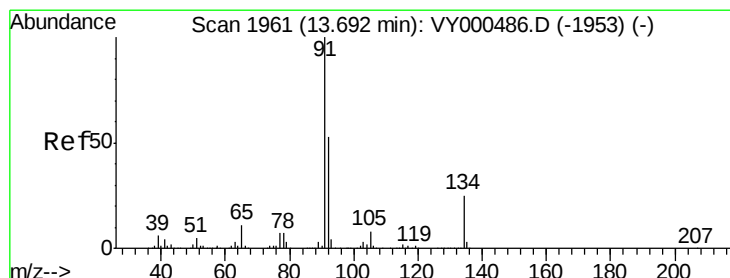
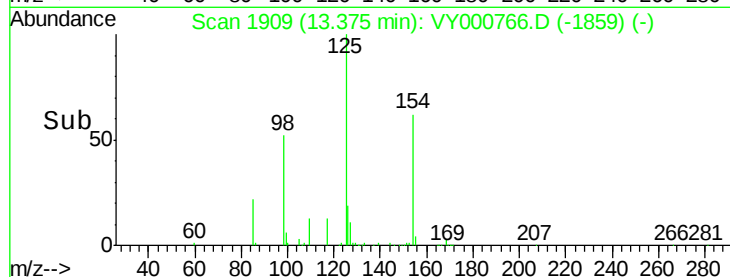
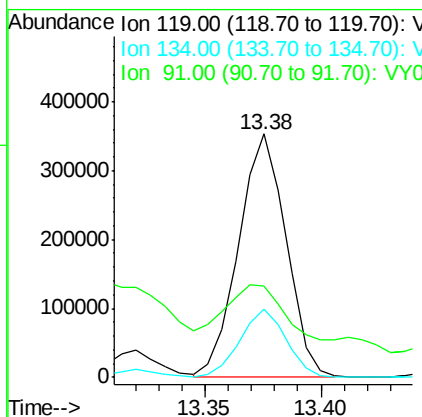
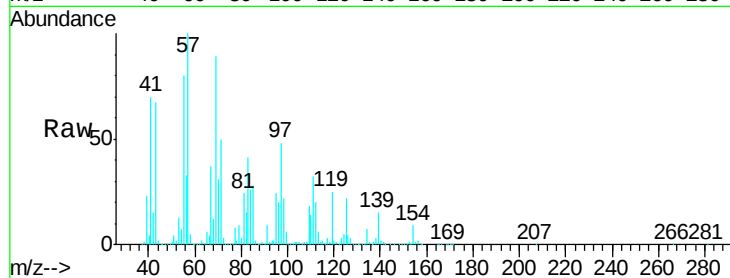
ClientSampleId :

MW-1-(12-14)

Tgt Ion:	119	Resp:	506444
Ion Ratio	Lower	Upper	
119	100		
134	142.2	13.6	40.8#
91	139.0	12.0	36.1#

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#89

n-Butylbenzene

Concen: 111.704 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Tgt Ion:	91	Resp:	3117929
Ion Ratio	Lower	Upper	
91	100		
92	49.8	26.8	80.3
134	50.7	12.9	38.7#

