

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055353.D
 Acq On : 2 May 2019 16:44
 Operator : JC/SP
 Sample : K2658-09 5X
 Misc : 5.65g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

Manual Integrations
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 5/3/2019 1:09:57 PM

Quant Time: May 03 04:17:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	343539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	600004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	585762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	297545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	244051	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	7.59	113	190122	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	796317	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
62) 4-Bromofluorobenzene	12.40	95	443081	99.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	199.38%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	16611	11.862	ug/l	94
39) Methylcyclohexane	9.08	83	101837	16.666	ug/l	98
67) Ethyl Benzene	11.51	91	1723374	83.332	ug/l	99
68) m/p-Xylenes	11.62	106	2426511	328.712	ug/l	100
69) o-Xylene	11.95	106	165741	22.653	ug/l	87
73) Isopropylbenzene	12.25	105	2840871	124.717	ug/l	100
78) n-propylbenzene	12.59	91	8053811	263.506	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	12454957	533.939	ug/l	100
83) tert-Butylbenzene	12.99	119	485072	28.104	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	21154849m	1014.035	ug/l	
85) sec-Butylbenzene	13.17	105	3939373	155.376	ug/l #	75
86) p-Isopropyltoluene	13.29	119	3555724	170.631	ug/l	99
89) n-Butylbenzene	13.62	91	3769069	254.536	ug/l #	79
95) Naphthalene	15.13	128	1581513	181.823	ug/l	100

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

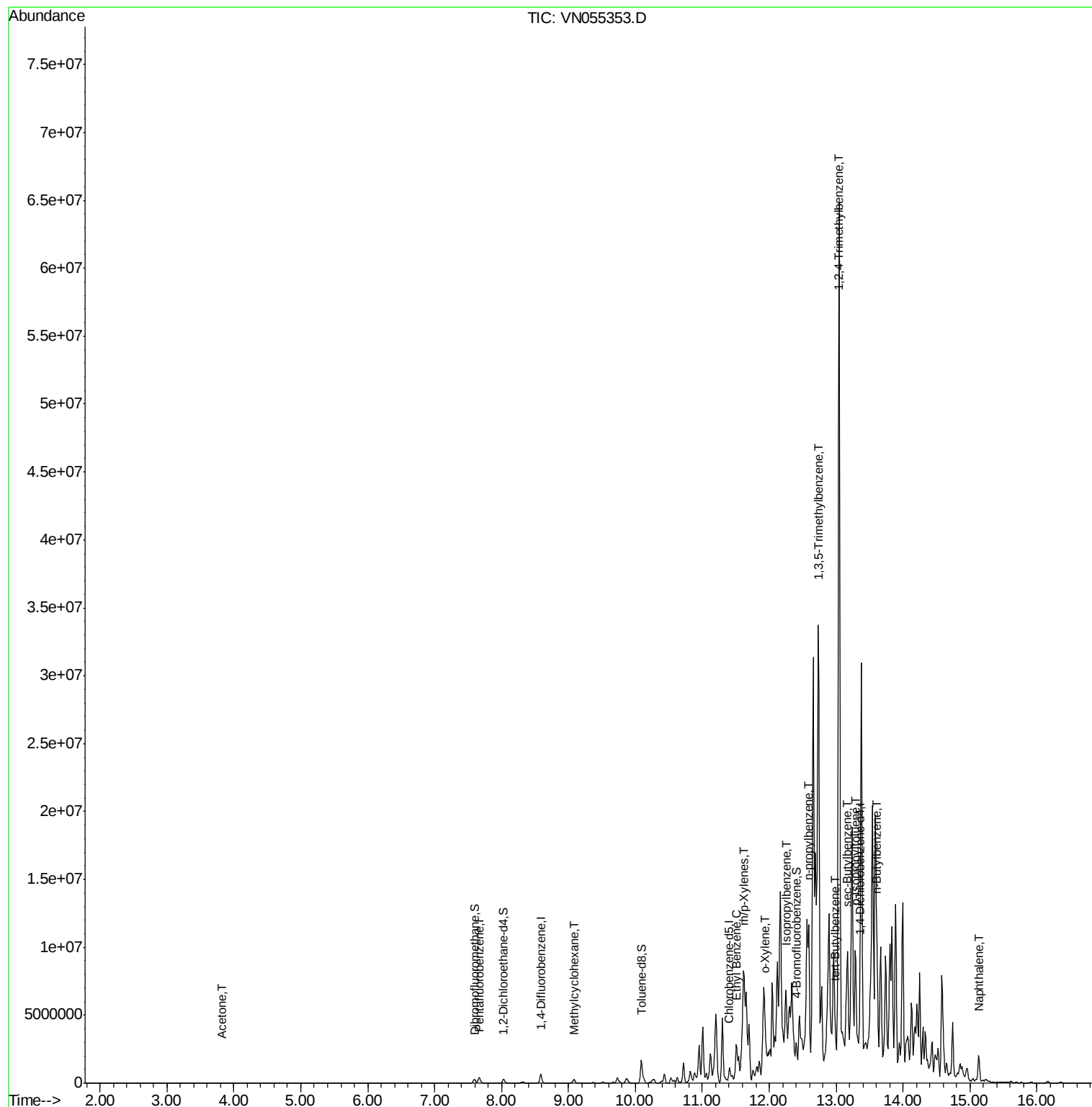
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055353.D
Acq On : 2 May 2019 16:44
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ALS Vial : 20 Sample Multiplier: 1

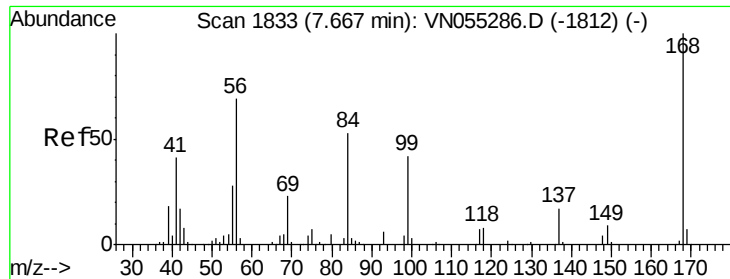
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Manual Integrations
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Quant Time: May 03 04:17:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

Tgt Ion: 168 Resp: 343539

Ion Ratio Lower Upper

168 100

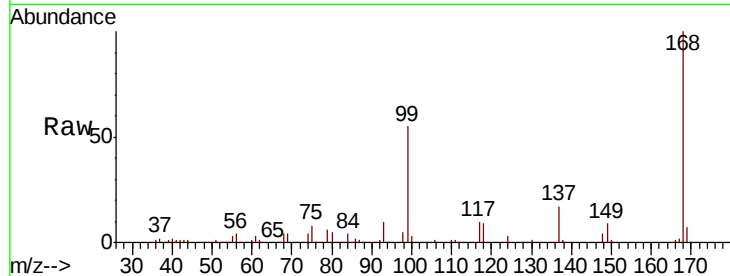
99 55.2 43.6 65.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN055353.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055353.D (-1740) (-)

7.67

150000

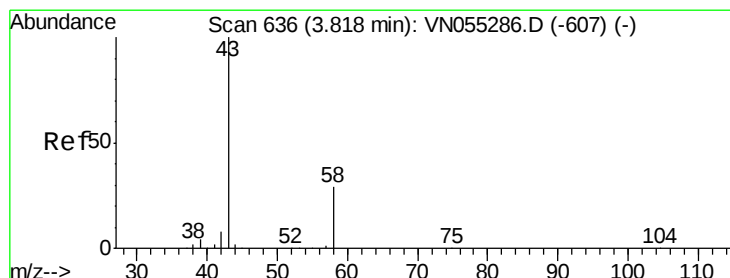
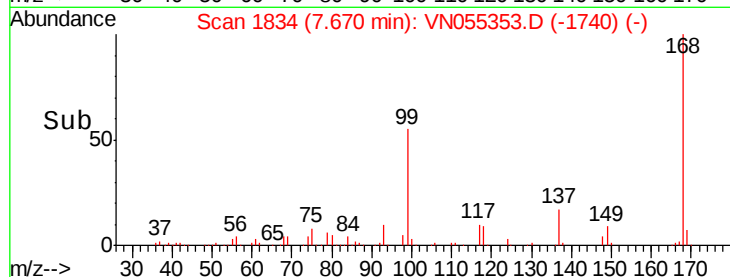
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.862 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055353.D

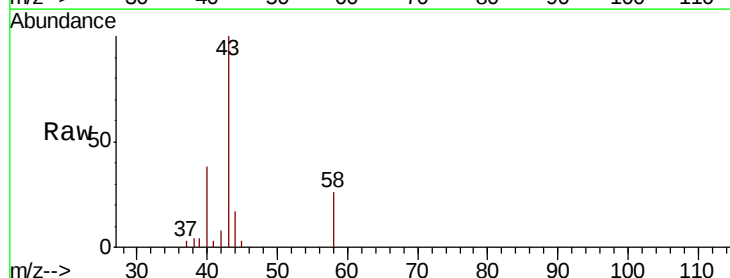
Acq: 2 May 2019 16:44

Tgt Ion: 43 Resp: 16611

Ion Ratio Lower Upper

43 100

58 26.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055353.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055353.D (-543) (-)

3.82

8000

6000

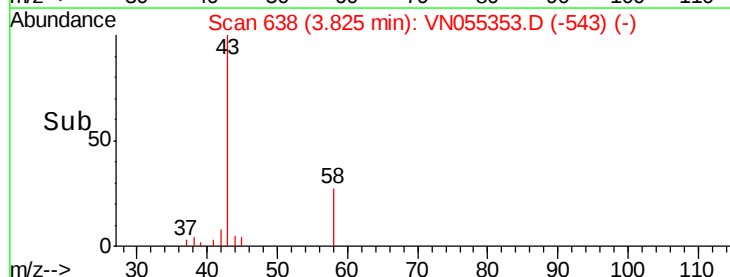
4000

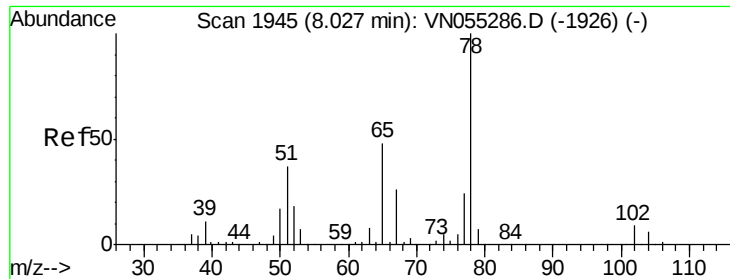
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0

3.75 3.80 3.85 3.90

Time-->





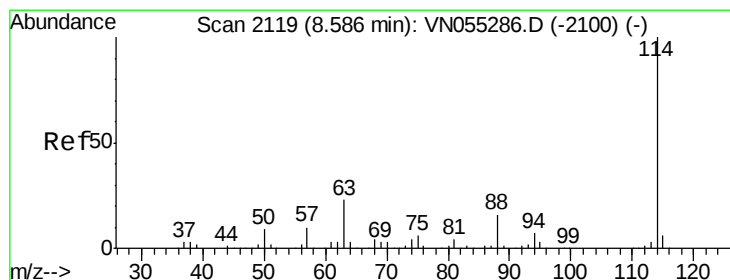
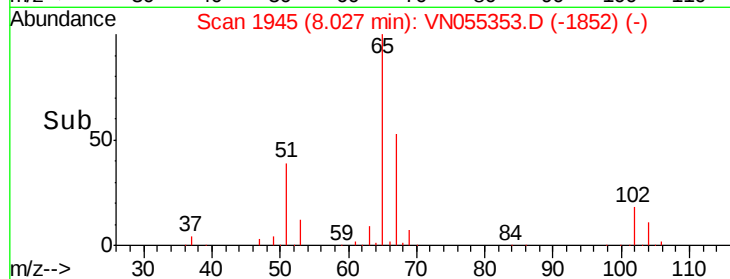
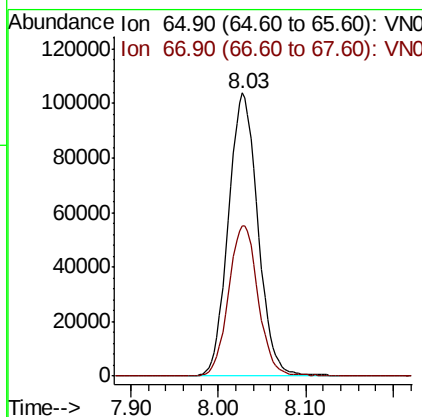
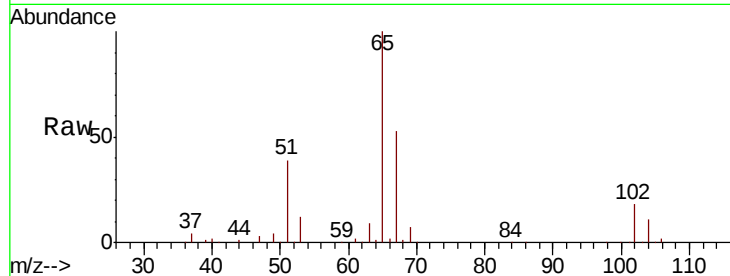
#33
 1,2-Dichloroethane-d4
 Concen: 54.303 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

Tgt Ion: 65 Resp: 244051
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8

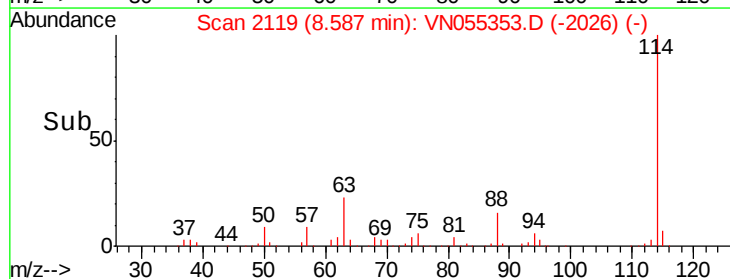
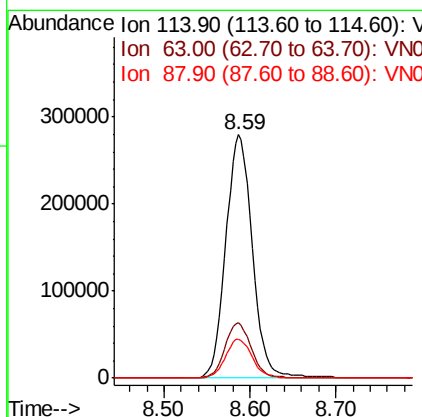
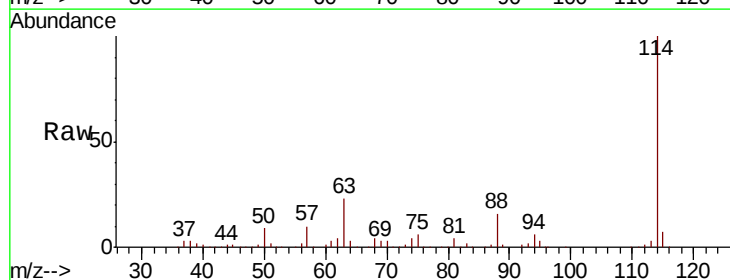
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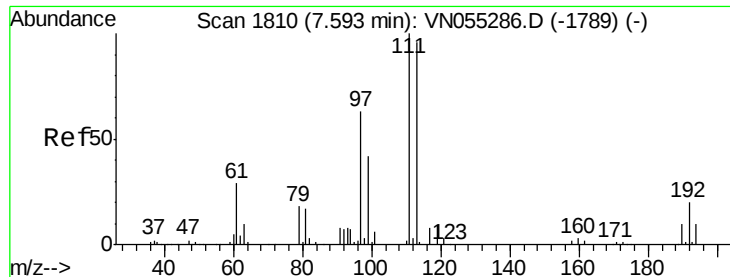
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion: 114 Resp: 600004
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 16.0 0.0 31.6





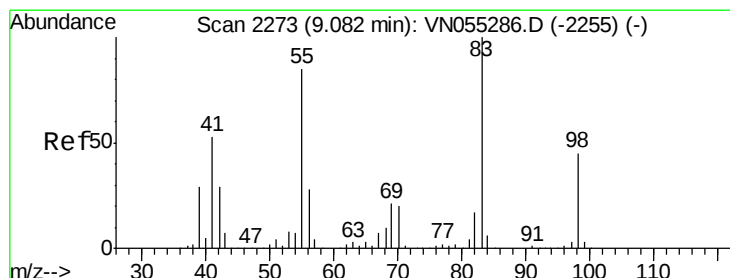
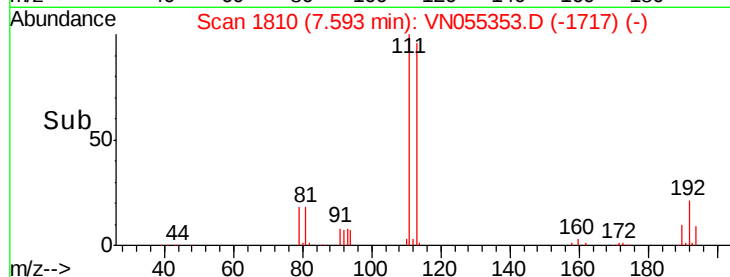
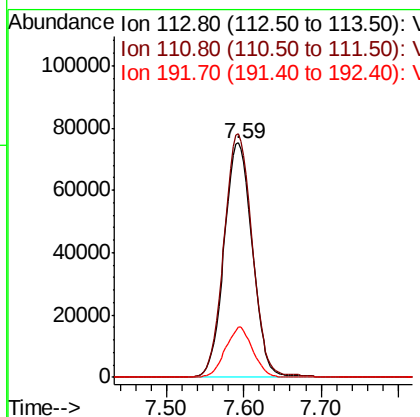
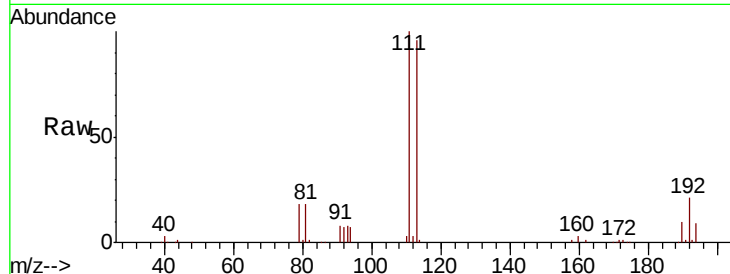
#35
Dibromofluoromethane
Concen: 48.276 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	190122		
111	103.2	82.3	123.5	
192	20.7	17.0	25.6	

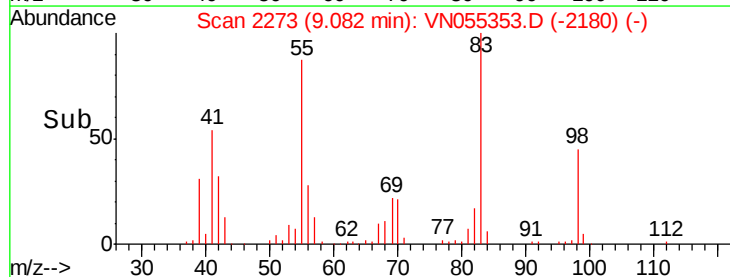
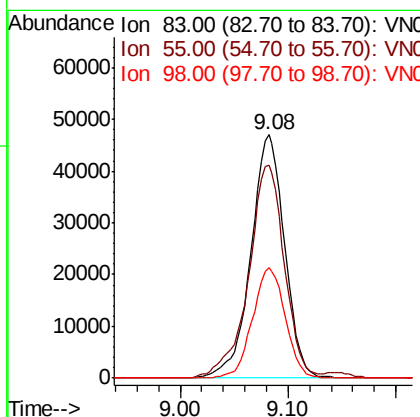
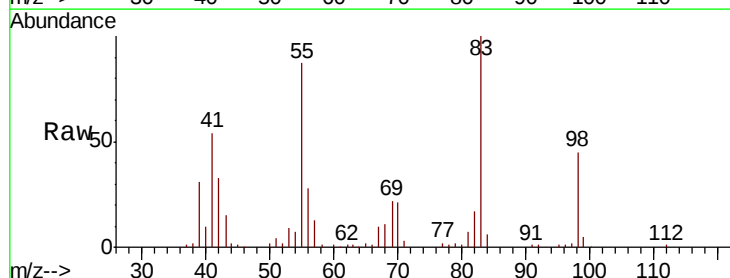
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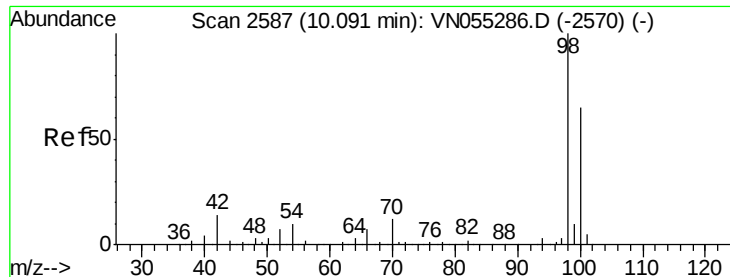
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#39
Methylcyclohexane
Concen: 16.666 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	101837		
55	87.4	67.8	101.6	
98	45.4	36.2	54.4	





#50

Toluene-d8

Concen: 55.998 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Tgt Ion: 98 Resp: 796317

Ion Ratio Lower Upper

98 100

100 61.6 51.7 77.5

Instrument :

MSVOA_N

ClientSampleId :

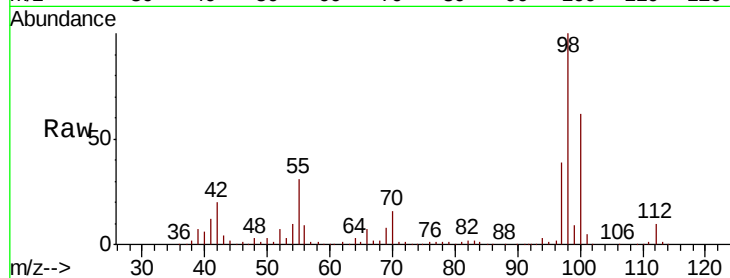
EP1-SB-E2-3(14-17)

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

400000

300000

200000

100000

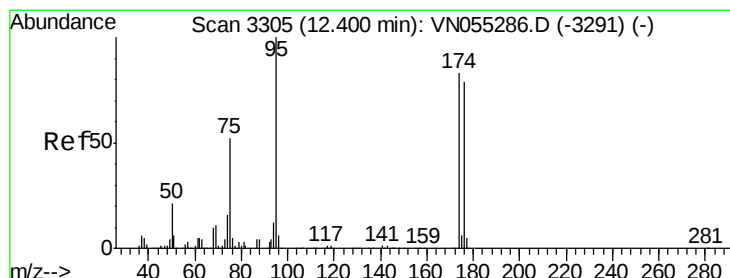
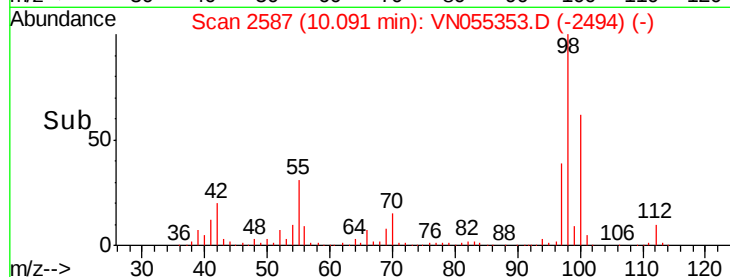
0

10.00

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 99.694 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

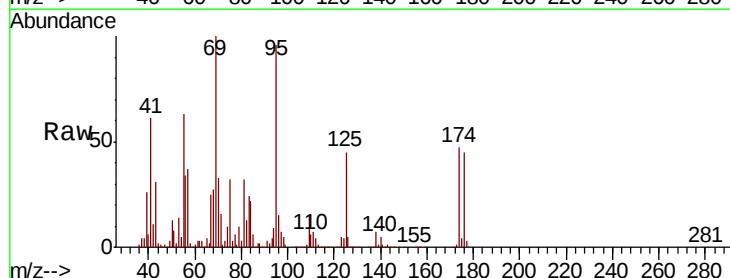
Tgt Ion: 95 Resp: 443081

Ion Ratio Lower Upper

95 100

174 52.5 0.0 166.6

176 51.6 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

300000

200000

100000

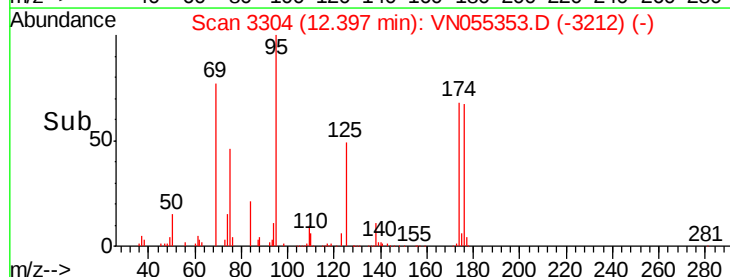
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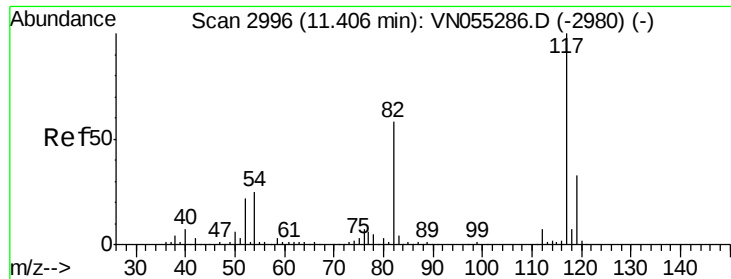
12.35

12.40

12.45

Time-->





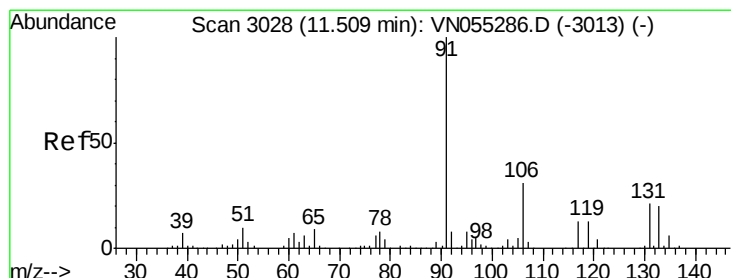
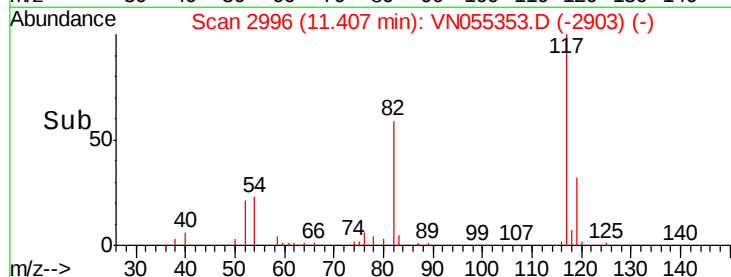
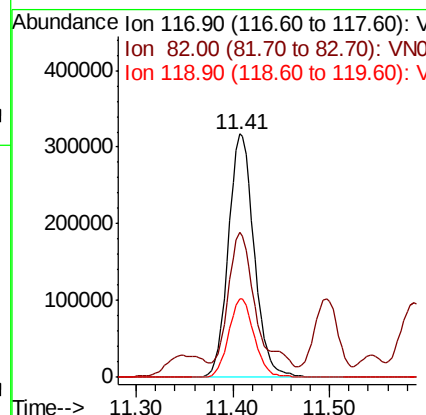
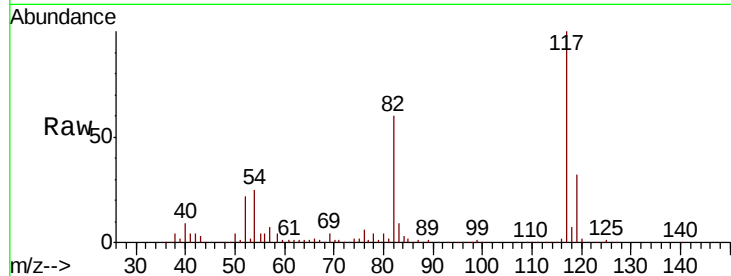
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	46.2	69.4
119	32.2	26.6	40.0

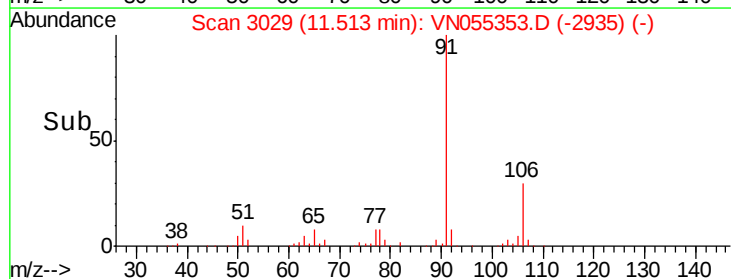
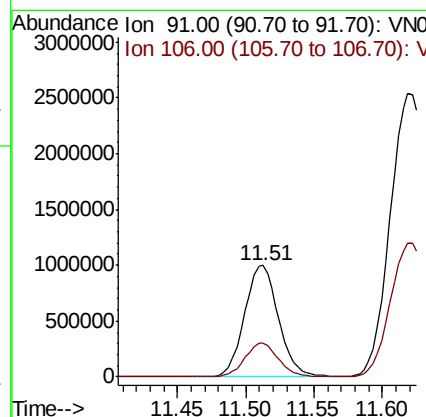
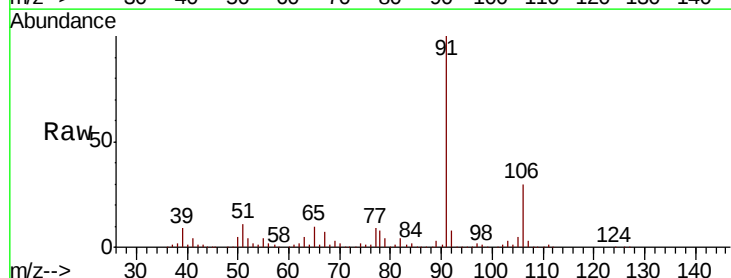
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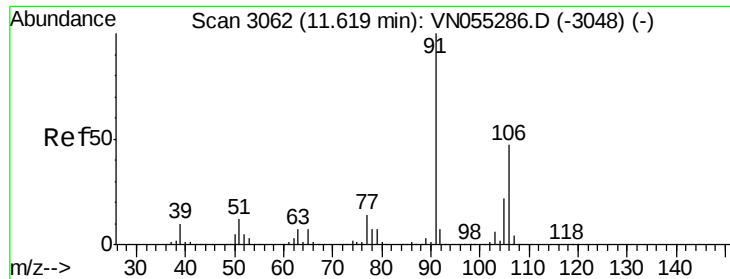
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#67
Ethyl Benzene
Concen: 83.332 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.6	36.8





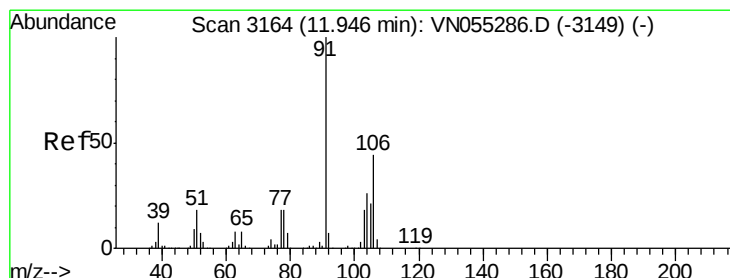
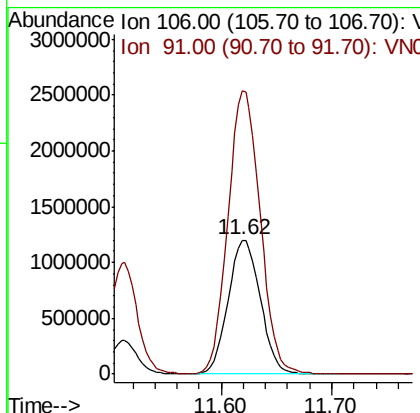
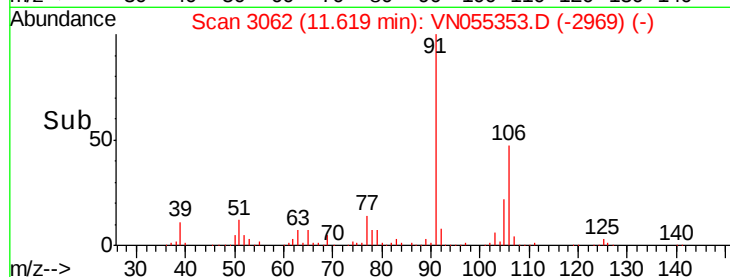
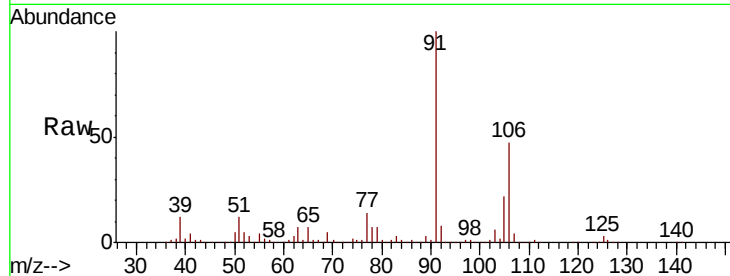
#68
m/p-Xylenes
Concen: 328.712 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Tgt Ion:106 Resp: 2426511
Ion Ratio Lower Upper
106 100
91 212.3 169.5 254.3

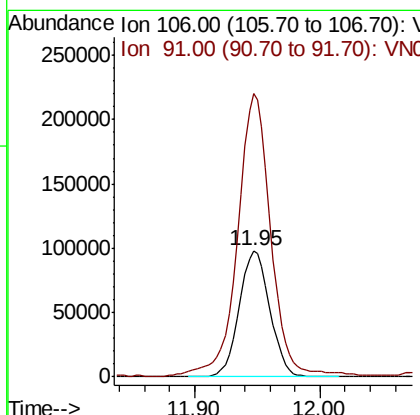
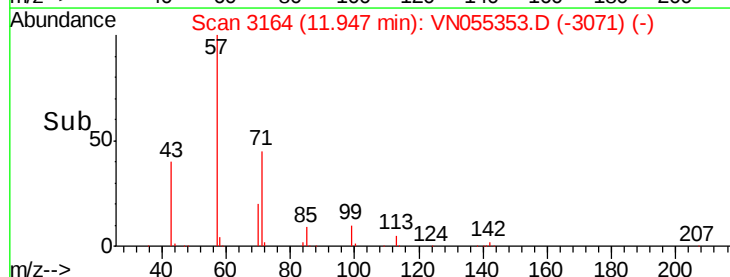
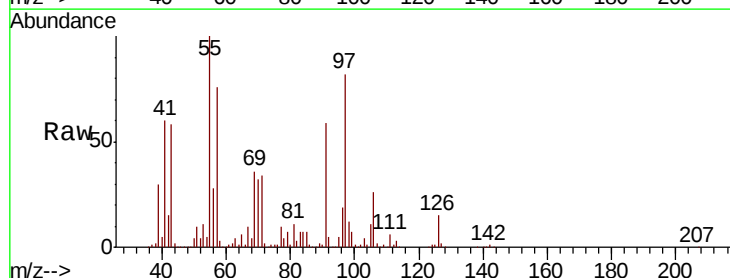
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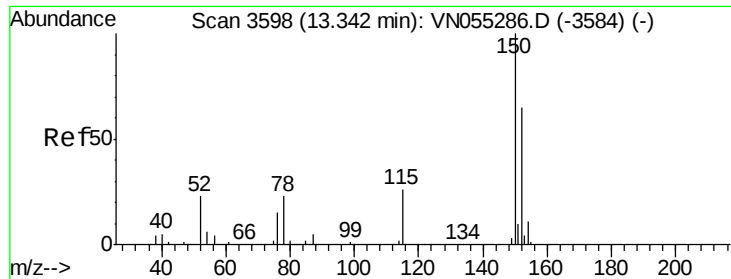
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#69
o-Xylene
Concen: 22.653 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion:106 Resp: 165741
Ion Ratio Lower Upper
106 100
91 243.6 111.5 334.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

Tgt Ion:152 Resp: 297545

Ion Ratio Lower Upper

152 100

115 0.0 29.0 87.0#

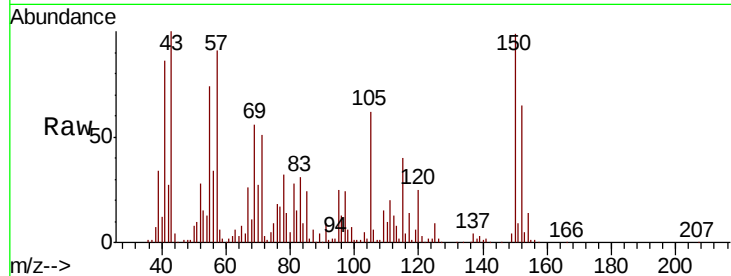
150 135.5 0.0 345.6

Manual Integrations

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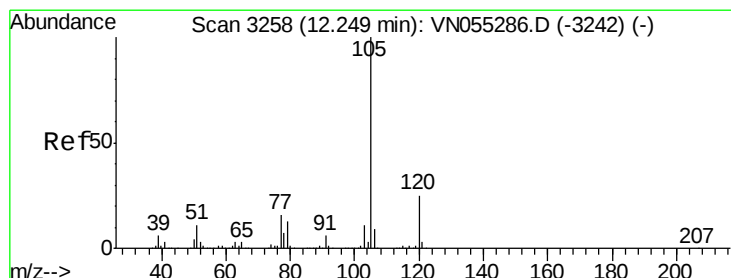
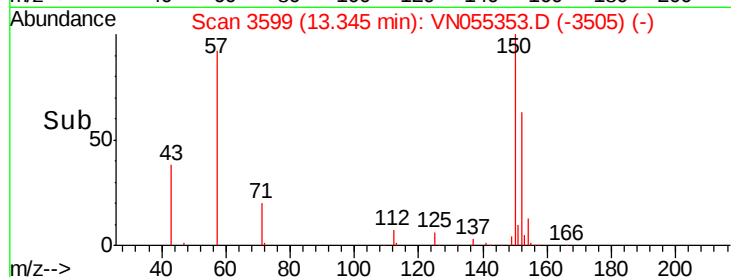
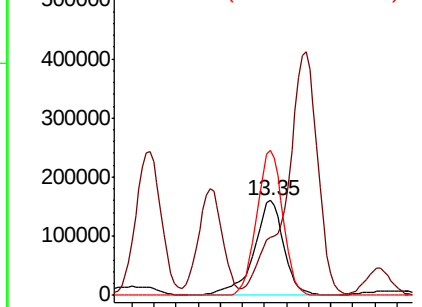
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 124.717 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055353.D

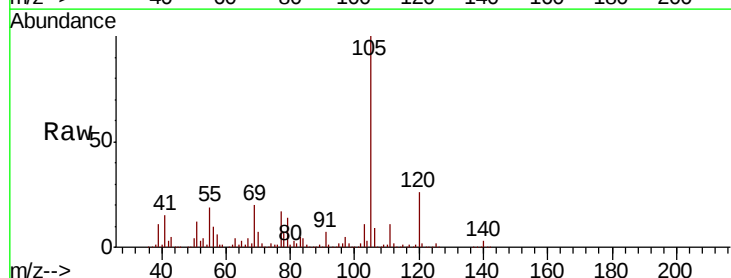
Acq: 2 May 2019 16:44

Tgt Ion:105 Resp: 2840871

Ion Ratio Lower Upper

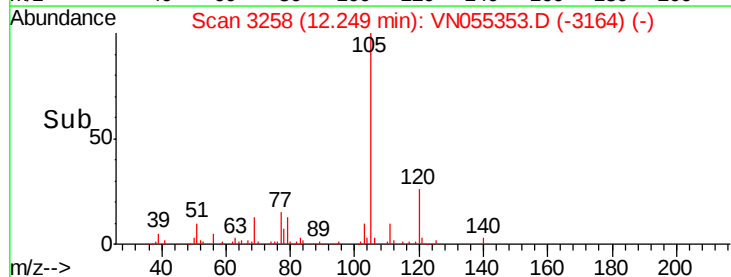
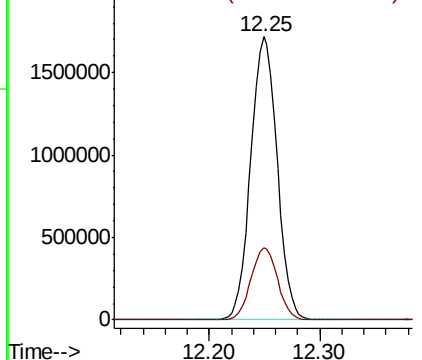
105 100

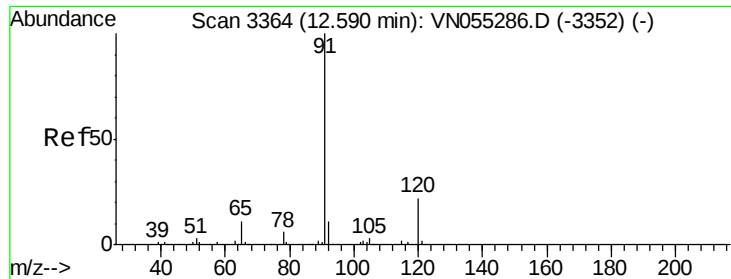
120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





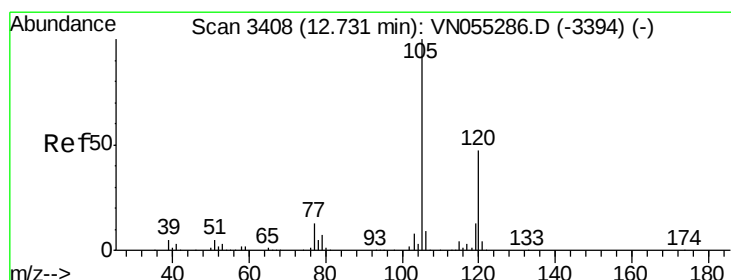
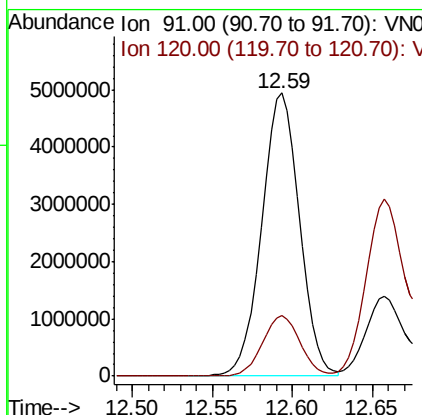
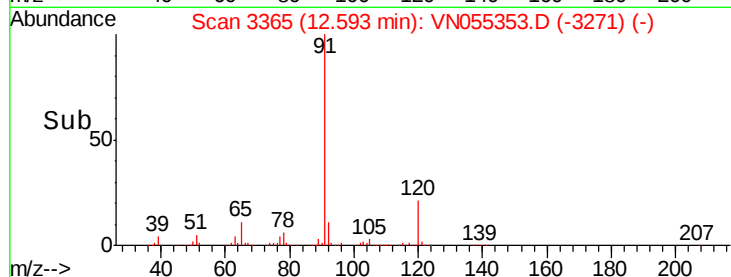
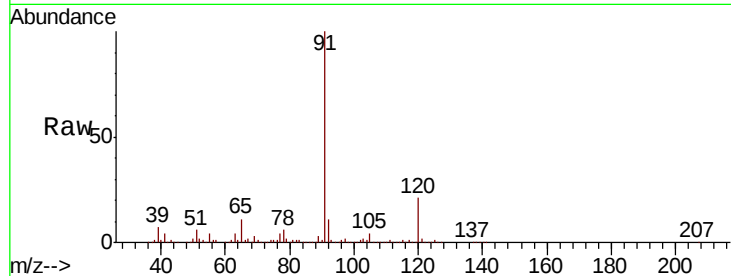
#78
n-propylbenzene
Concen: 263.506 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Tgt Ion: 91 Resp: 8053811
Ion Ratio Lower Upper
91 100
120 21.3 11.0 33.0

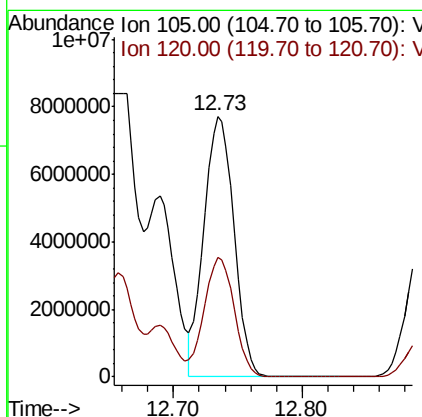
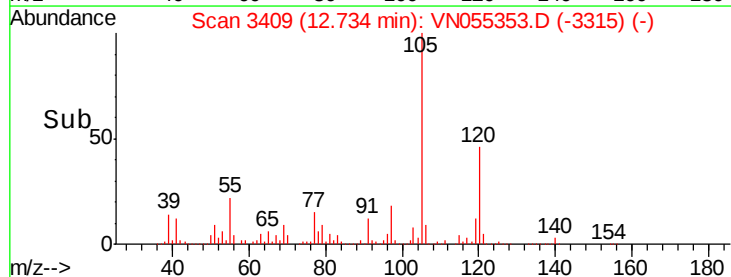
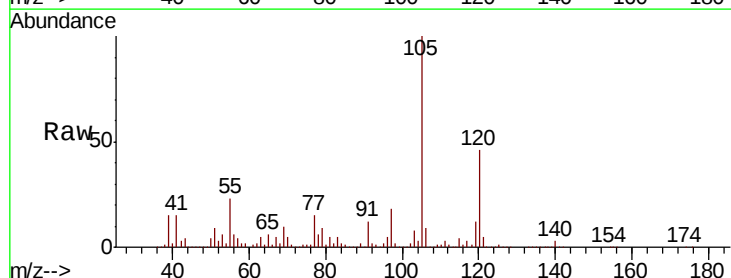
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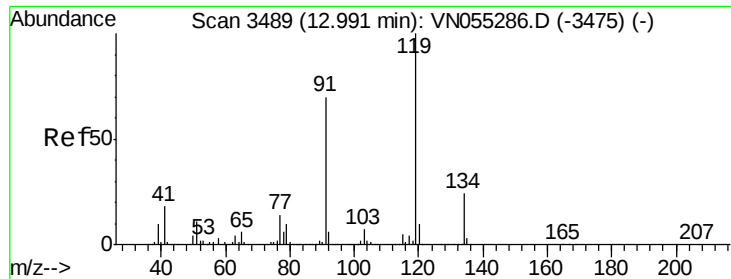
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 533.939 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion: 105 Resp: 12454957
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.0





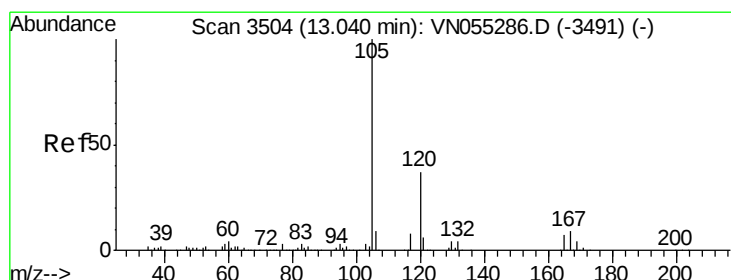
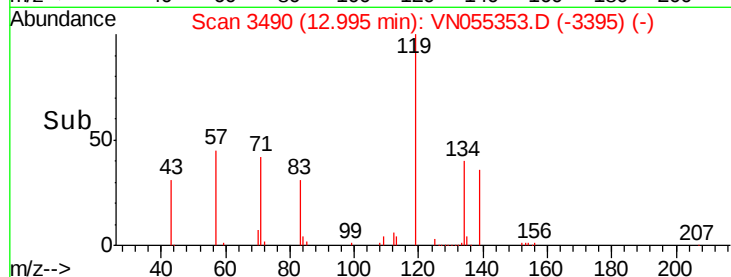
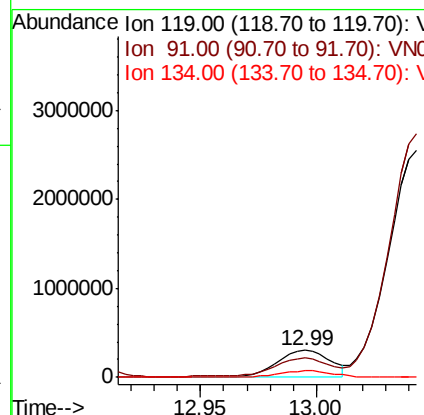
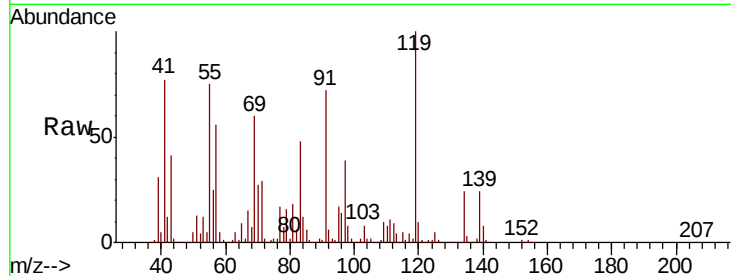
#83
 tert-Butylbenzene
 Concen: 28.104 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)

Tgt Ion	Ratio	Lower	Upper
119	100		
91	72.5	34.3	102.9
134	24.8	13.1	39.3

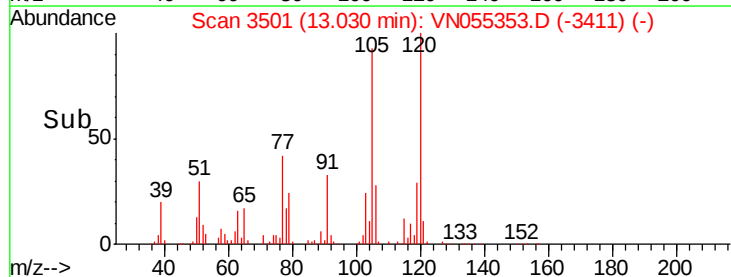
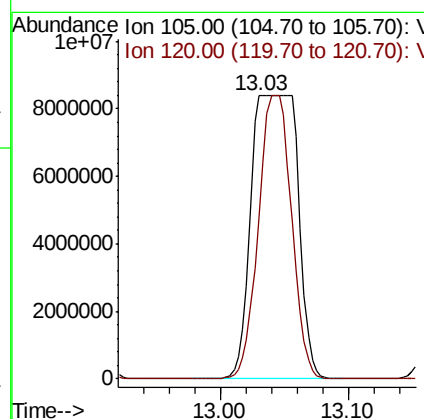
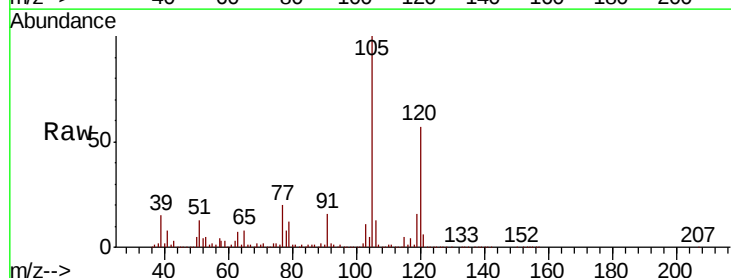
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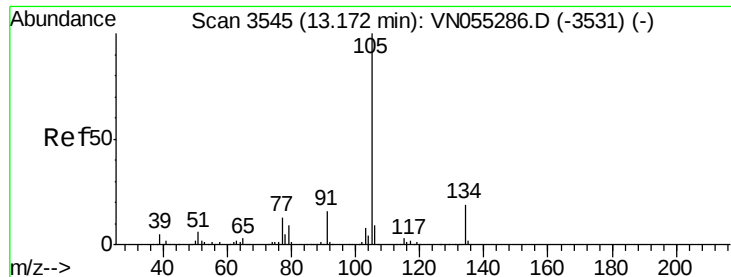
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#84
 1,2,4-Trimethylbenzene
 Concen: 1014.035 ug/l m
 RT: 13.03 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: VN055353.D
 Acq: 2 May 2019 16:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	8.7	22.1	66.5#





#85

sec-Butylbenzene

Concen: 155.376 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E2-3(14-17)

Tgt Ion:105 Resp: 3939373

Ion Ratio Lower Upper

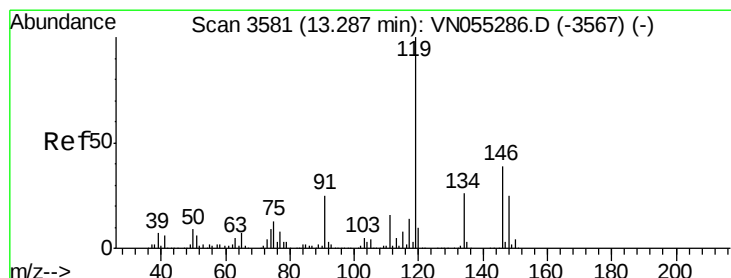
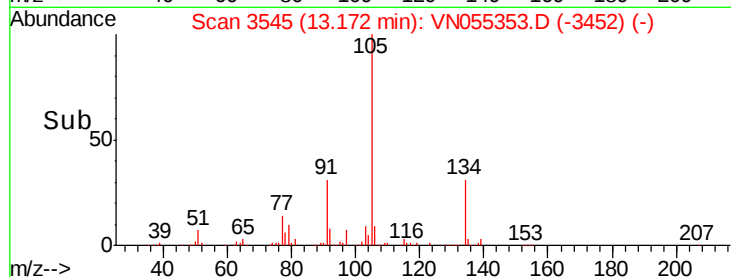
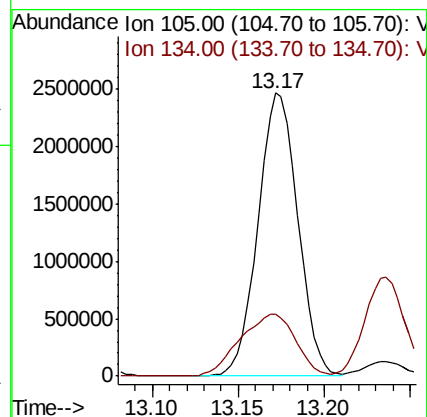
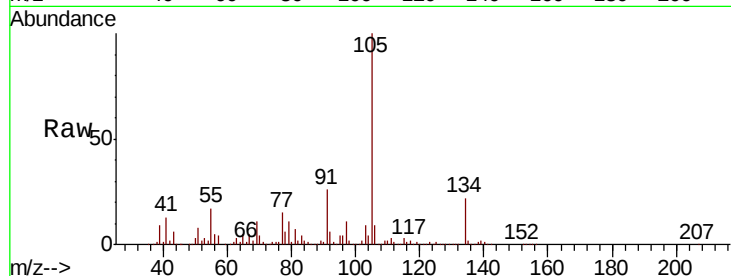
105 100

134 30.7 9.6 28.8#

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#86

p-Isopropyltoluene

Concen: 170.631 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055353.D

Acq: 2 May 2019 16:44

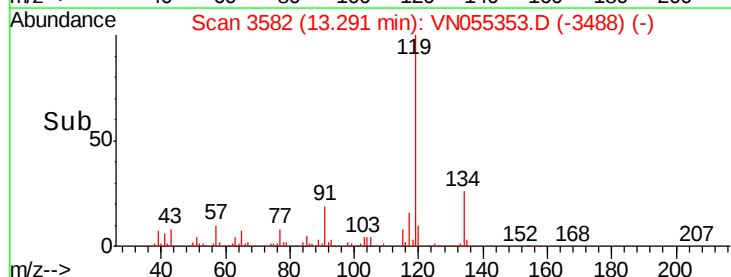
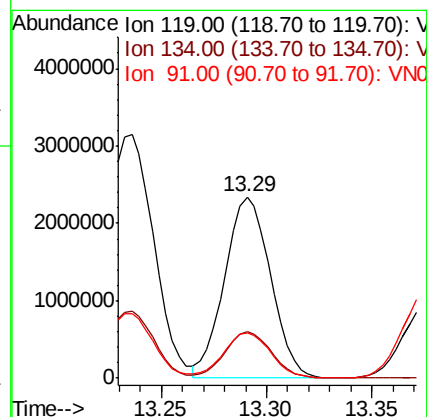
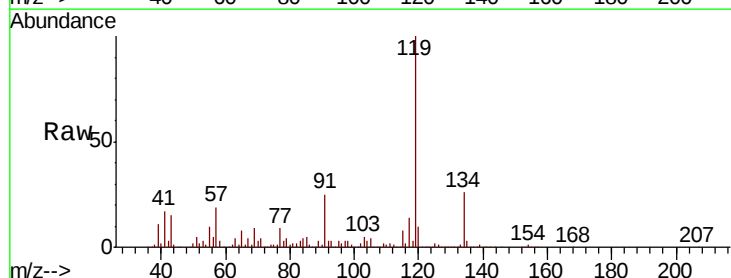
Tgt Ion:119 Resp: 3555724

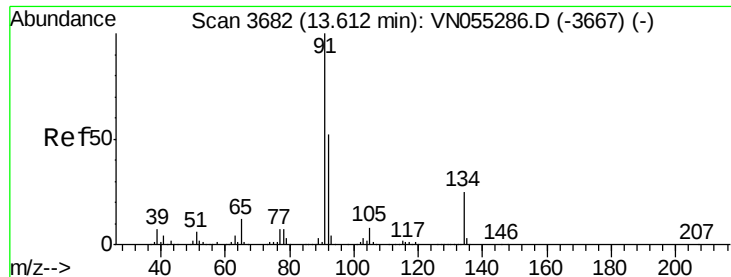
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 25.1 12.2 36.6





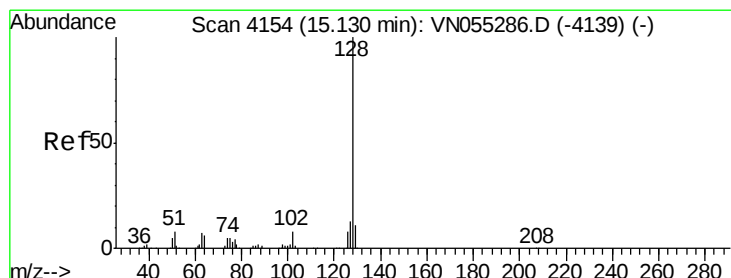
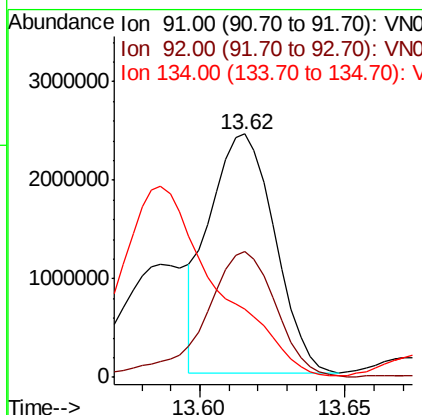
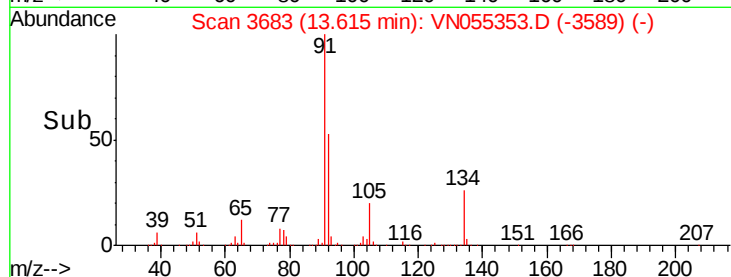
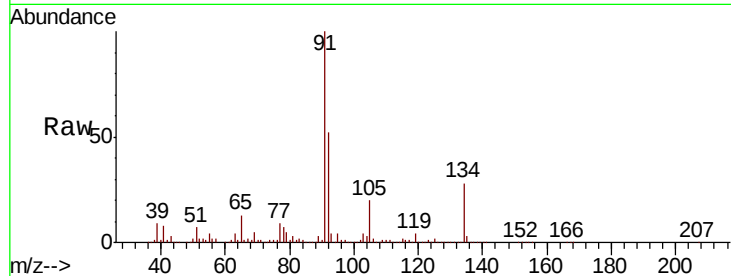
#89
n-Butylbenzene
Concen: 254.536 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E2-3(14-17)

Tgt Ion: 91 Resp: 3769069
Ion Ratio Lower Upper
91 100
92 57.2 26.1 78.3
134 0.0 12.4 37.4#

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#95
Naphthalene
Concen: 181.823 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055353.D
Acq: 2 May 2019 16:44

Tgt Ion: 128 Resp: 1581513
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.6 13.0

