

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053034.D
 Acq On : 20 Dec 2018 2:23
 Operator : MD\SY
 Sample : J6411-10 10X
 Misc : 5.85uL/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 9:33:18 AM

Quant Time: Dec 20 07:48:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1372094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2070227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1933157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	883695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	645263	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	529389	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
50) Toluene-d8	10.09	98	2622074	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	1301859	73.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.10%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	138888	5.754	ug/l	99
67) Ethyl Benzene	11.51	91	113103m	1.535	ug/l	
68) m/p-Xylenes	11.62	106	2194980	78.348	ug/l	100
73) Isopropylbenzene	12.25	105	2872751	41.549	ug/l	99
78) n-propylbenzene	12.59	91	7922707	100.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	11892594	211.025	ug/l	97
83) tert-Butylbenzene	12.99	119	510917	10.251	ug/l	93
84) 1,2,4-Trimethylbenzene	13.03	105	20623709m	364.030	ug/l	
85) sec-Butylbenzene	13.17	105	4012445	59.518	ug/l #	72
86) p-Isopropyltoluene	13.29	119	3771180	64.738	ug/l	100
89) n-Butylbenzene	13.62	91	3559141	71.018	ug/l #	79
95) Naphthalene	15.13	128	8520	1.386	ug/l #	69

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

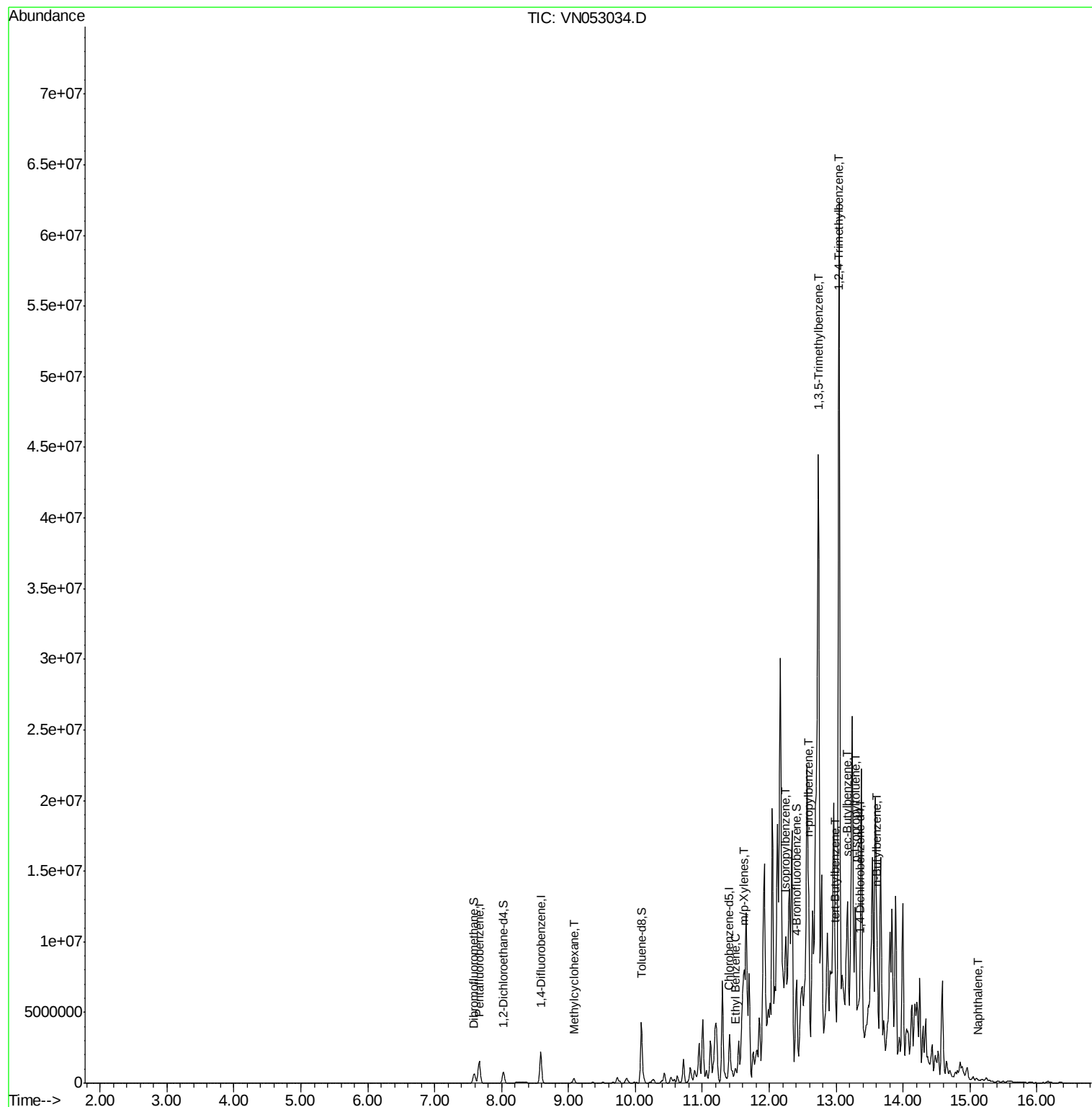
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053034.D
Acq On : 20 Dec 2018 2:23
Operator : MD\SY
Sample : J6411-10 10X
Misc : 5.85g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 41 Sample Multiplier: 28

Instrument :
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EP1-SBR-3B(17-18FT)1218

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Quant Time: Dec 20 07:48:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

Tot Ion:168 Resp: 1372094

Ion Ratio Lower Upper

168 100

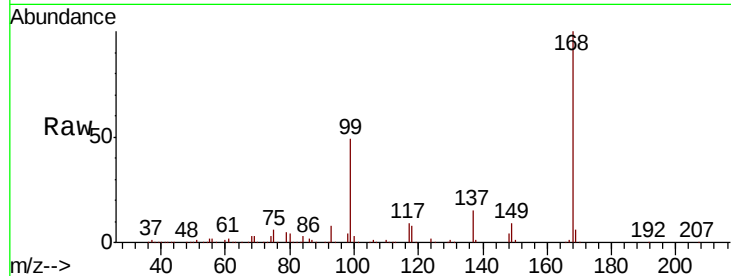
99 48.6 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

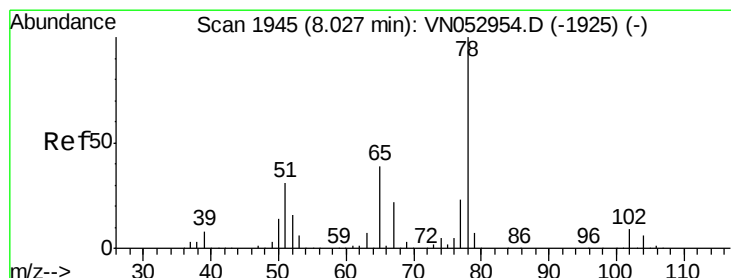
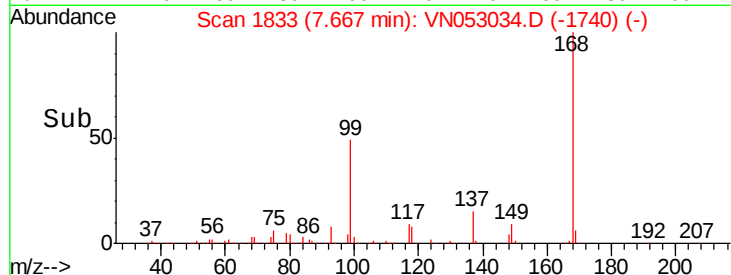
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053034.D

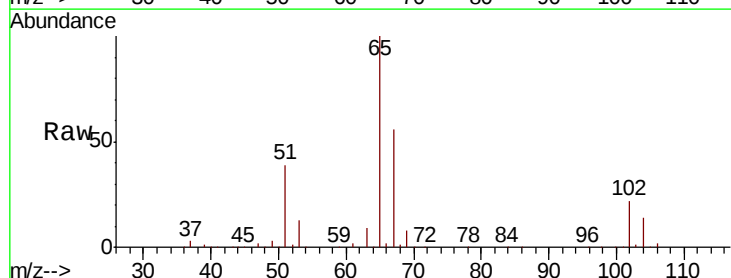
Acq: 20 Dec 2018 2:23

Tgt Ion: 65 Resp: 645263

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

8.03

300000

250000

200000

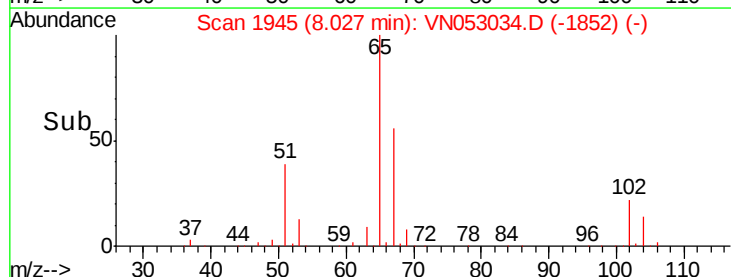
150000

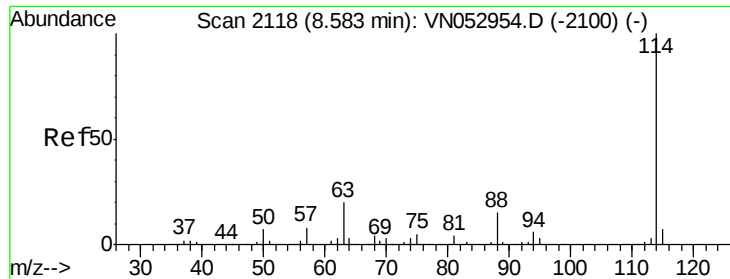
100000

50000

0

Time-->





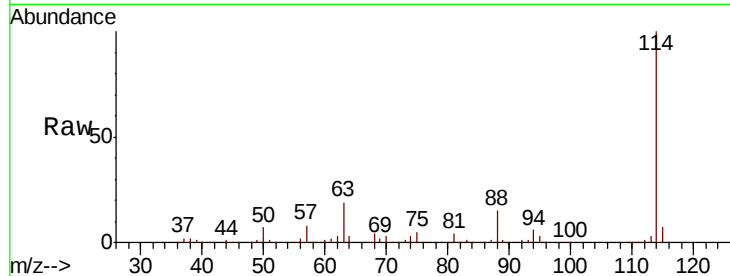
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-3B(17-18FT)1218

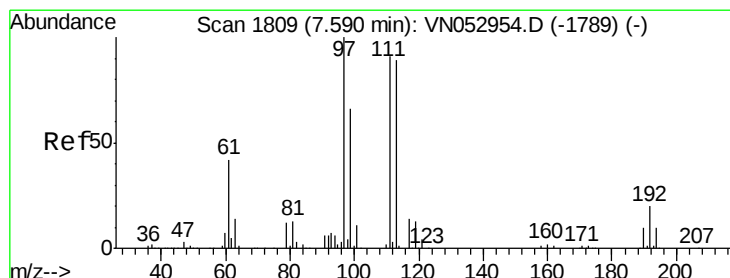
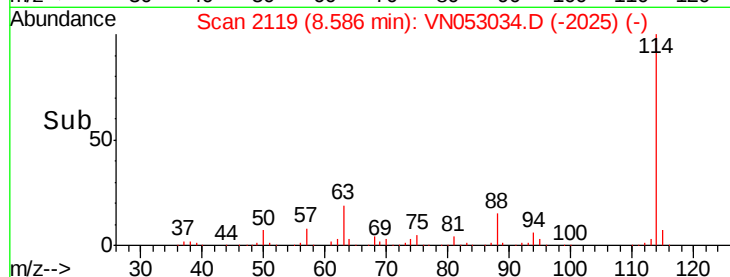
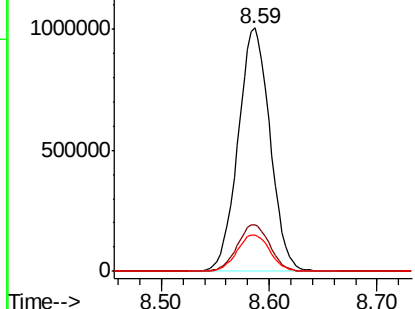
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.8
88	15.0	0.0	31.0

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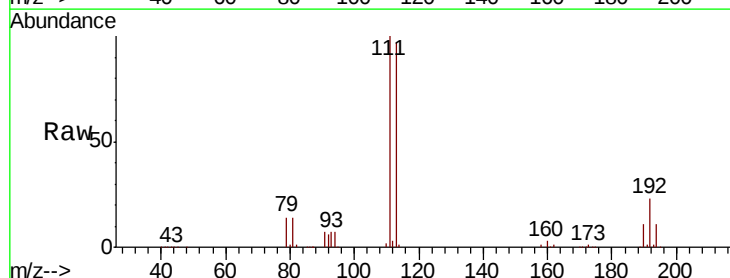


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

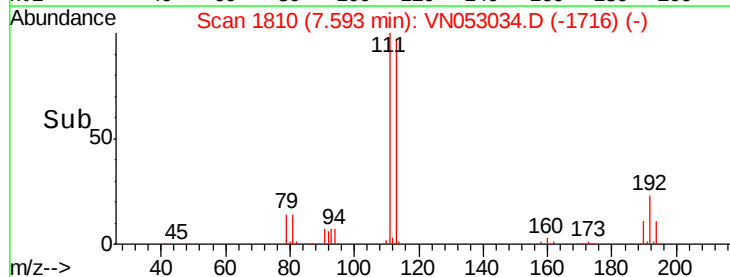
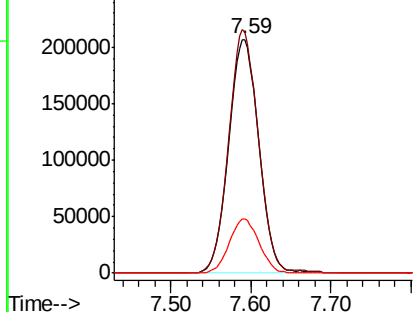


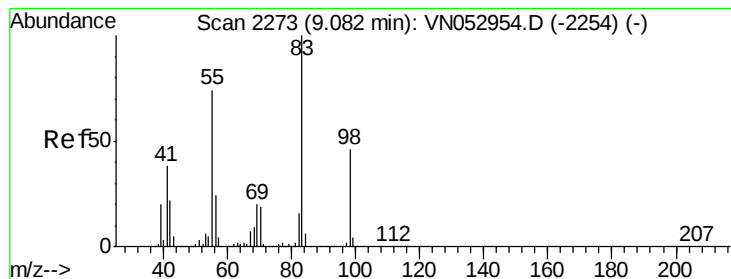
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053034.D
 Acq: 20 Dec 2018 2:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	22.8	17.5	26.3



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





#39

Methylcyclohexane

Concen: 5.754 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

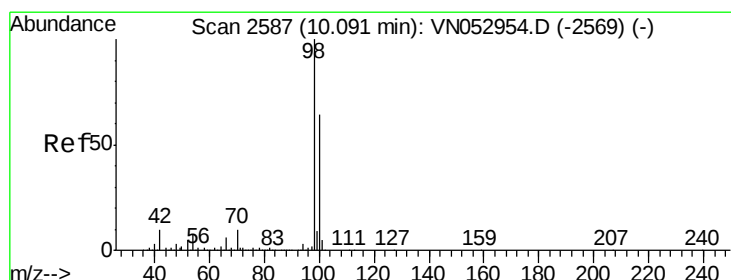
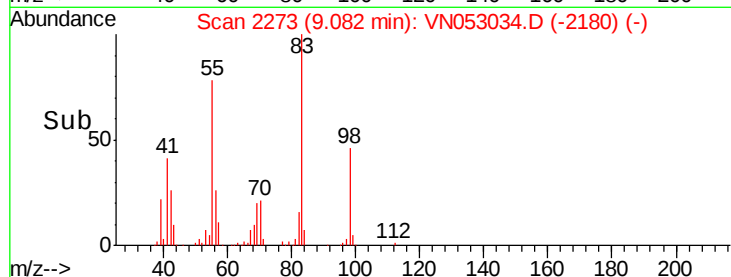
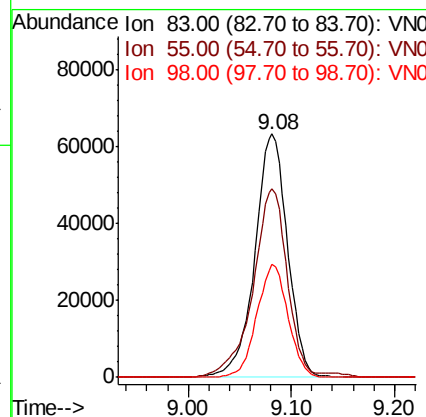
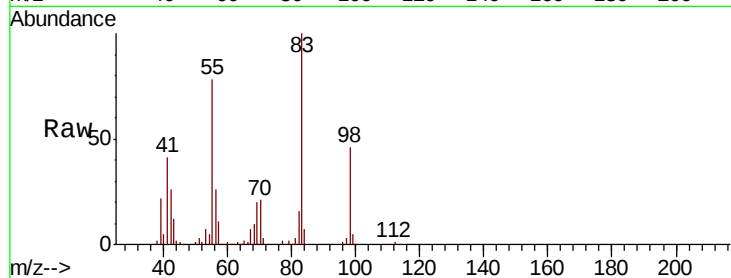
ClientSampleId :

EP1-SBR-3B(17-18FT)1218

Tot Ion:	83	Resp:	138888
Ion Ratio	Lower	Upper	
83	100		
55	77.6	61.3	91.9
98	46.4	37.0	55.4

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#50

Toluene-d8

Concen: N.D. ug/l

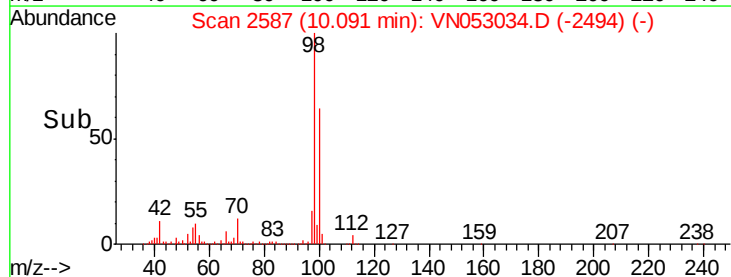
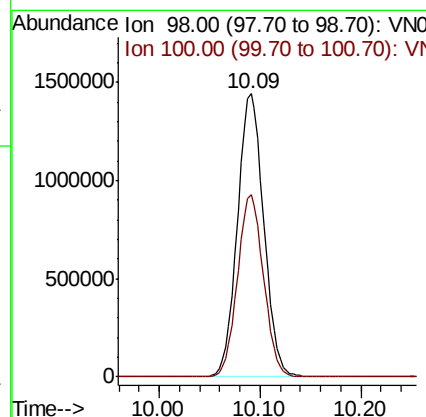
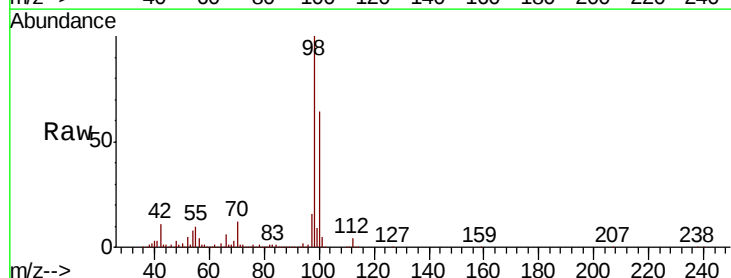
RT: 10.09 min Scan# 2587

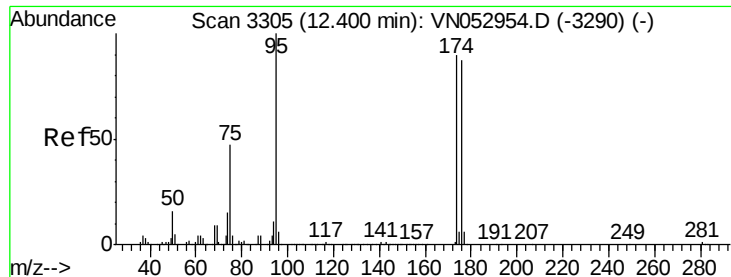
Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Tgt Ion:	98	Resp:	2622074
Ion Ratio	Lower	Upper	
98	100		
100	63.5	51.6	77.4





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

Tot Ion: 95 Resp: 1301859

Ion Ratio Lower Upper

95 100

174 59.7 0.0 178.8

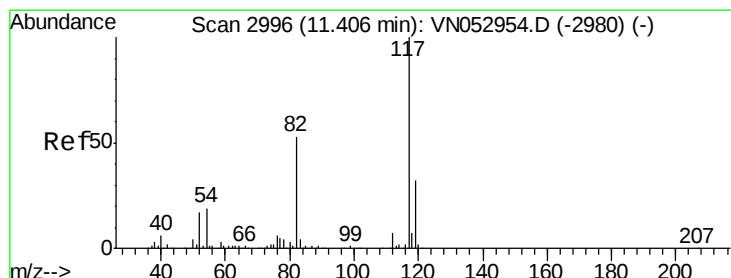
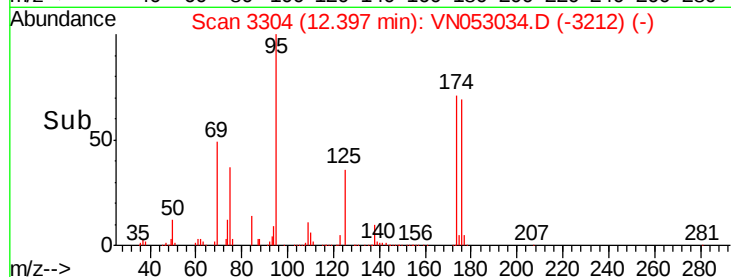
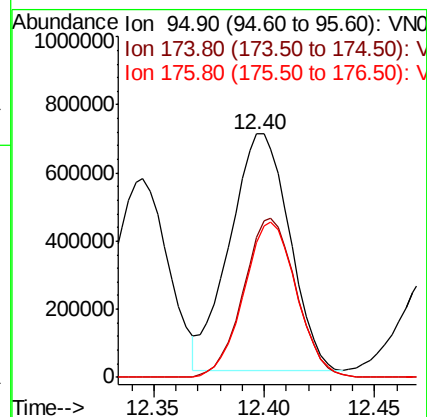
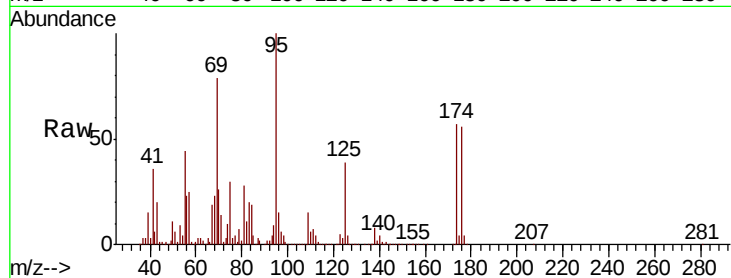
176 58.3 0.0 173.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

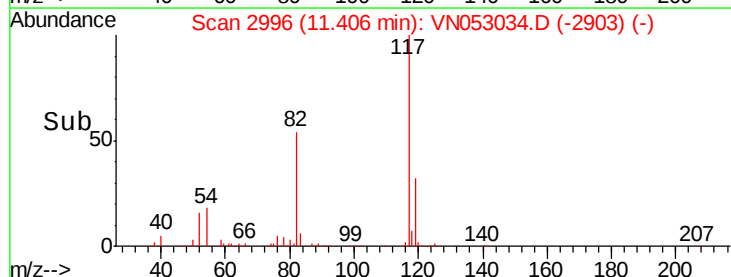
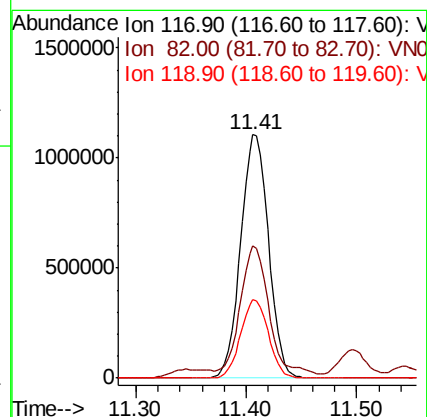
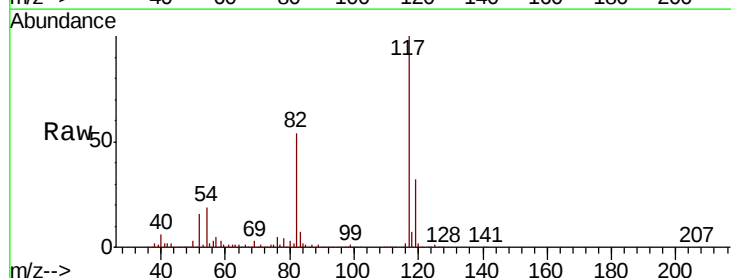
Tgt Ion: 117 Resp: 1933157

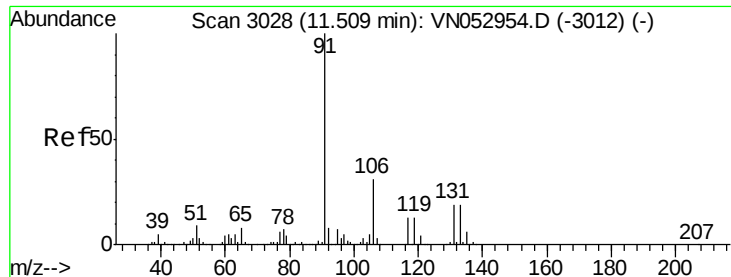
Ion Ratio Lower Upper

117 100

82 50.9 42.8 64.2

119 32.1 25.5 38.3





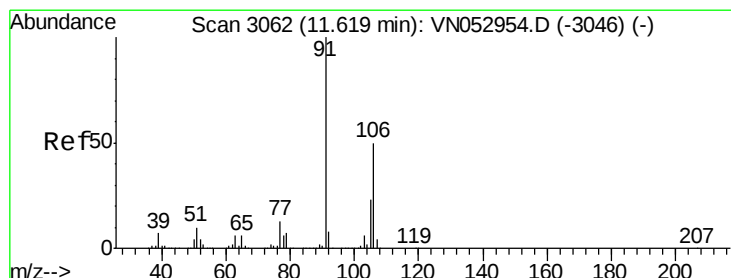
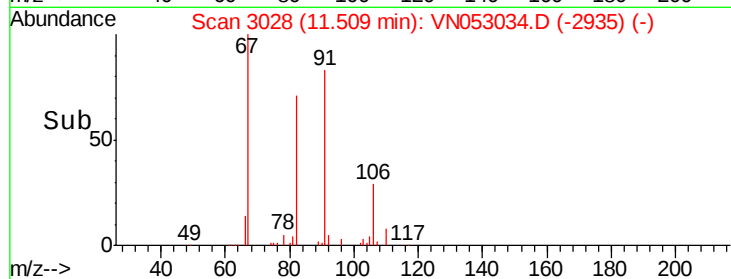
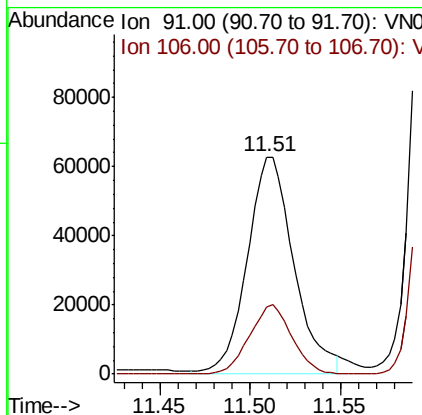
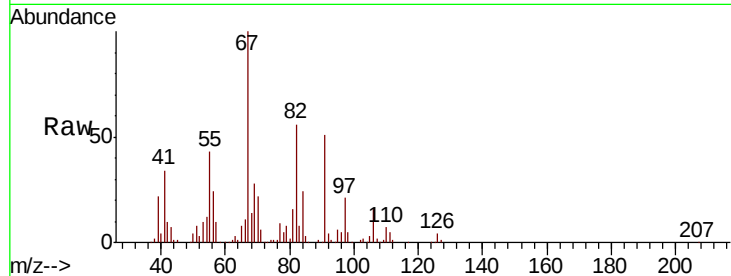
#67
Ethyl Benzene
Concen: 1.535 ug/l m
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

Tot Ion: 91 Resp: 113103
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

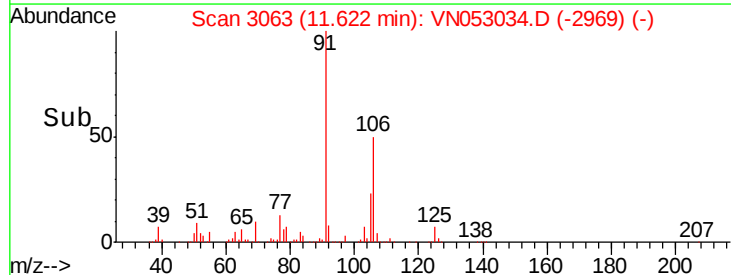
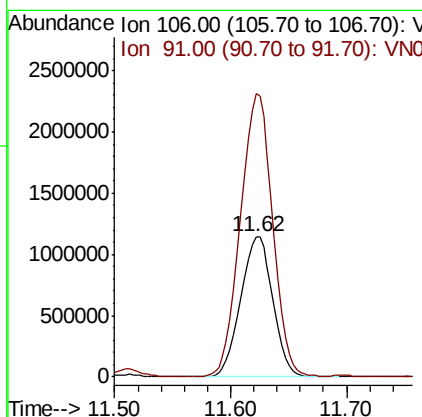
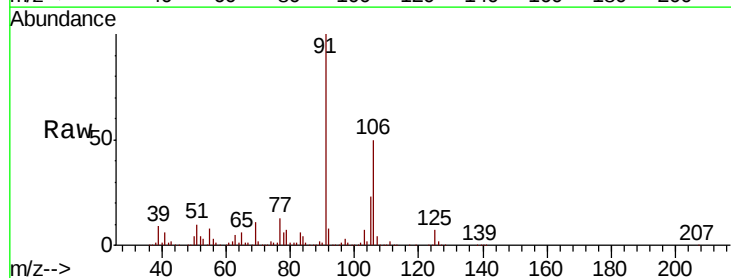
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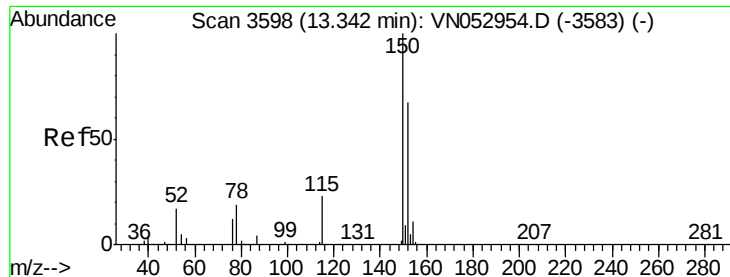
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#68
m/p-Xylenes
Concen: 78.348 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 106 Resp: 2194980
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

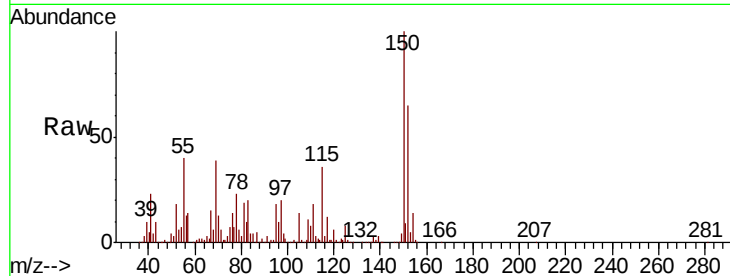
ClientSampleId :

EP1-SBR-3B(17-18FT)1218

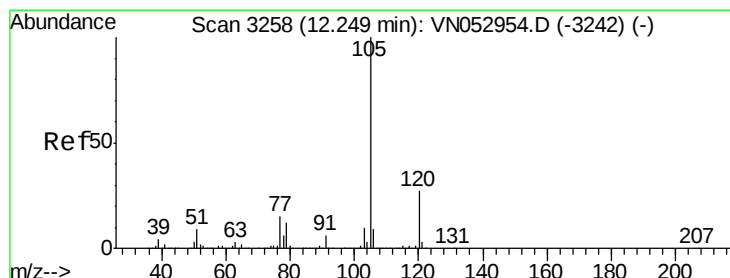
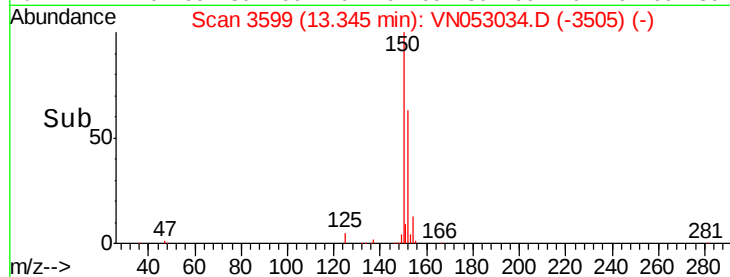
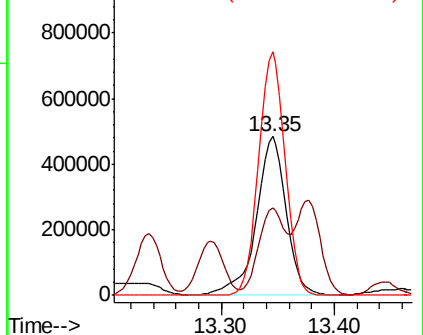
Tot Ion:	152	Resp:	883695
Ion Ratio	Lower	Upper	
152	100		
115	48.9	28.3	85.0
150	136.4	0.0	347.8

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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: 41.549 ug/l

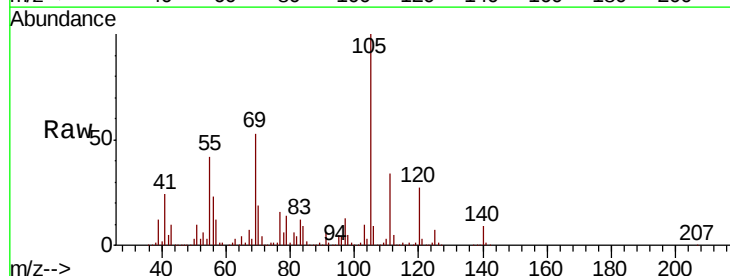
RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

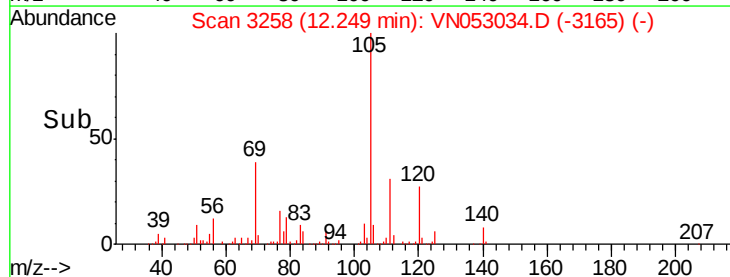
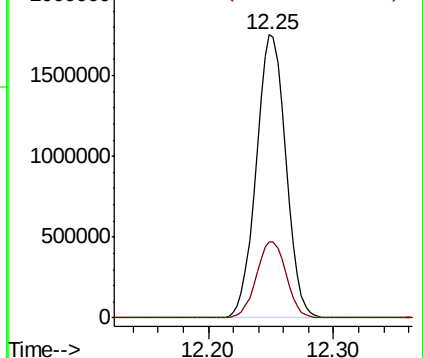
Lab File: VN053034.D

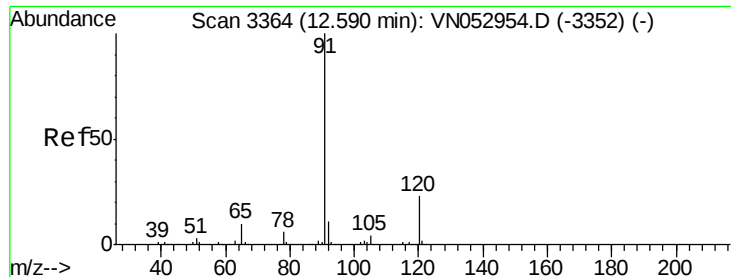
Acq: 20 Dec 2018 2:23

Tgt Ion:	105	Resp:	2872751
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.3	39.9



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





#78

n-propylbenzene

Concen: 100.611 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

Tot Ion: 91 Resp: 7922707

Ion Ratio Lower Upper

91 100

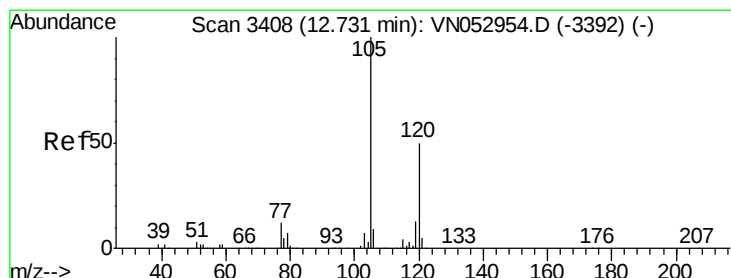
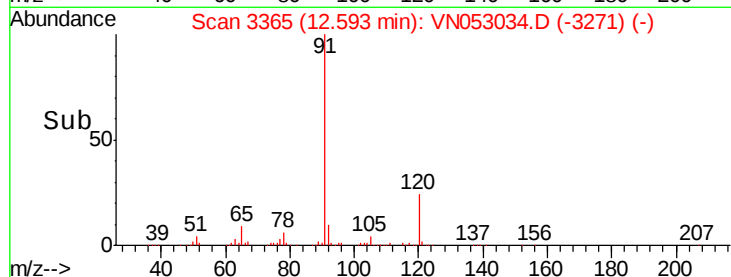
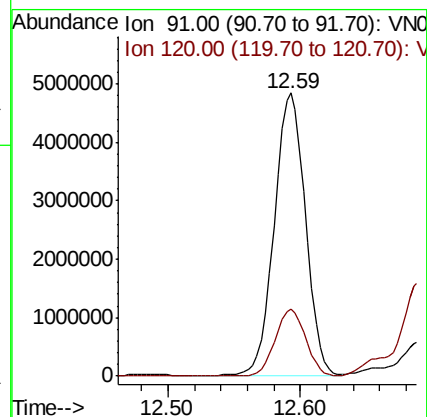
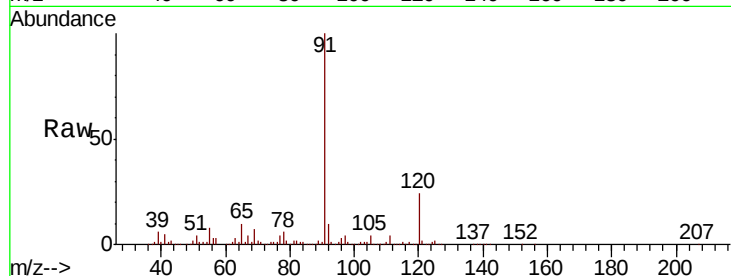
120 23.3 11.5 34.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 211.025 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053034.D

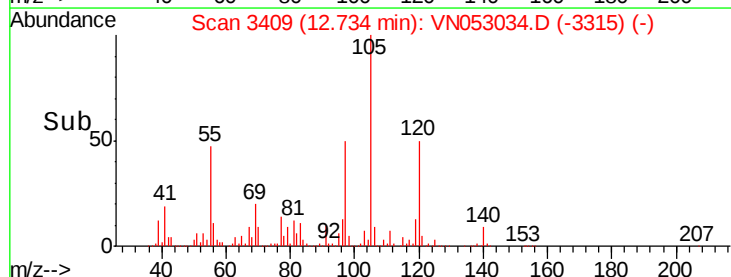
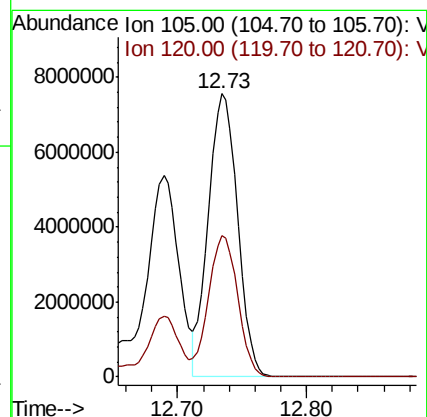
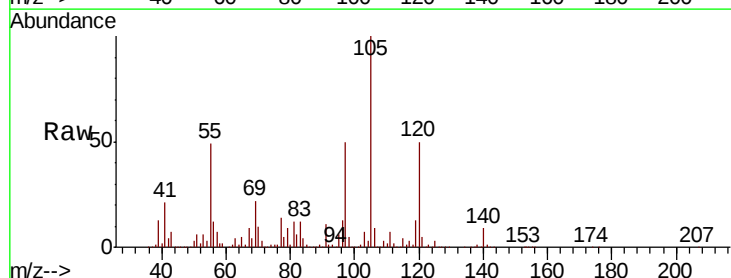
Acq: 20 Dec 2018 2:23

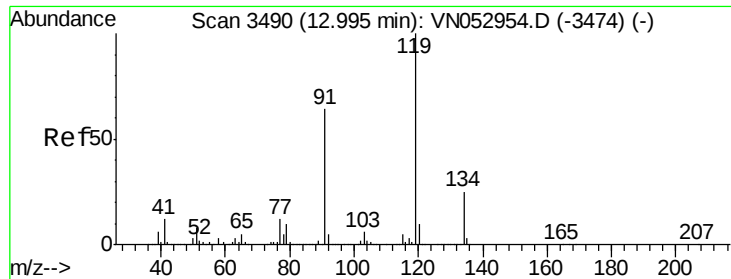
Tgt Ion: 105 Resp: 11892594

Ion Ratio Lower Upper

105 100

120 50.5 24.4 73.2





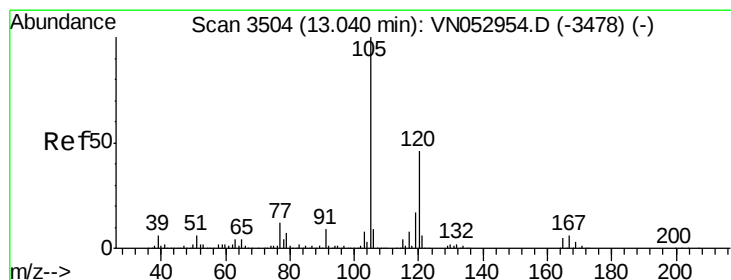
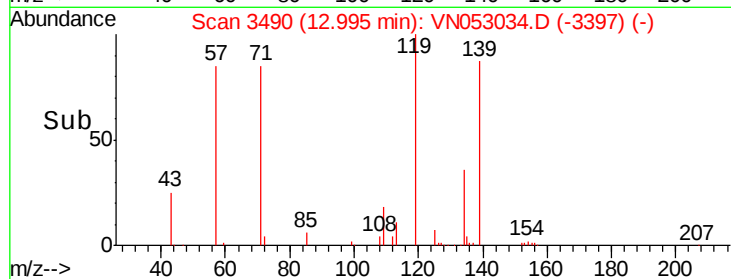
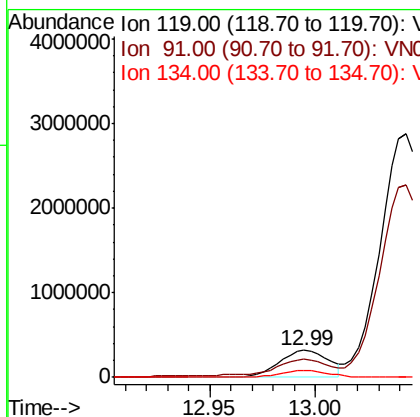
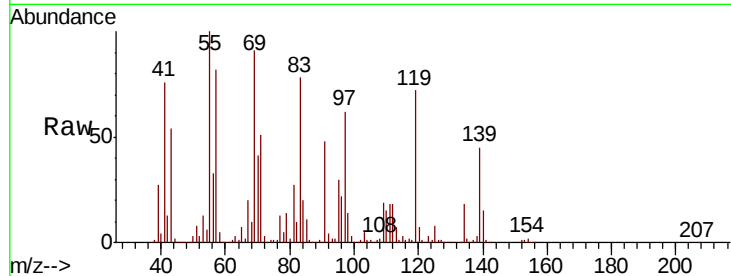
#83
tert-Butylbenzene
Concen: 10.251 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

Tot Ion	Ratio	Resp	Lower	Upper
119	100	510917		
91	70.8	31.9	95.5	
134	25.4	12.8	38.4	

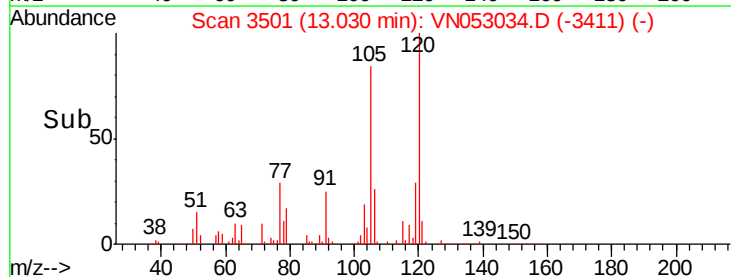
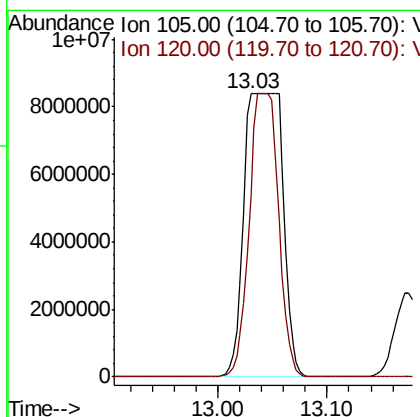
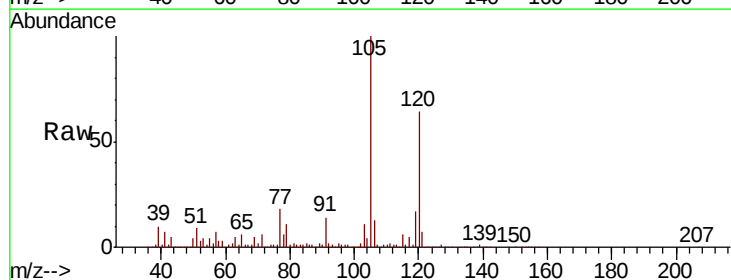
Manual Integrations
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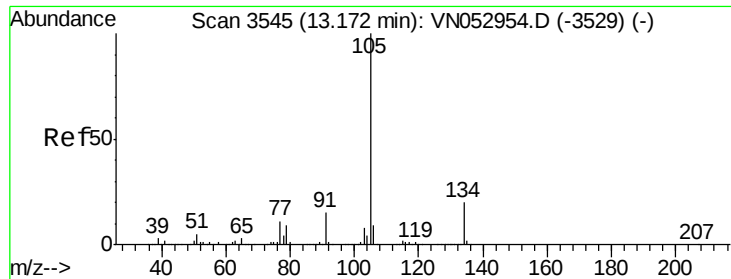
MMDadoda
12/20/2018 9:33:18 AM



#84
1,2,4-Trimethylbenzene
Concen: 364.030 ug/l m
RT: 13.03 min Scan# 3501
Delta R.T. -0.01 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	20623709		
120	0.0	22.9	68.8	#





#85

sec-Butylbenzene

Concen: 59.518 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-3B(17-18FT)1218

Tot Ion:105 Resp: 4012445

Ion Ratio Lower Upper

105 100

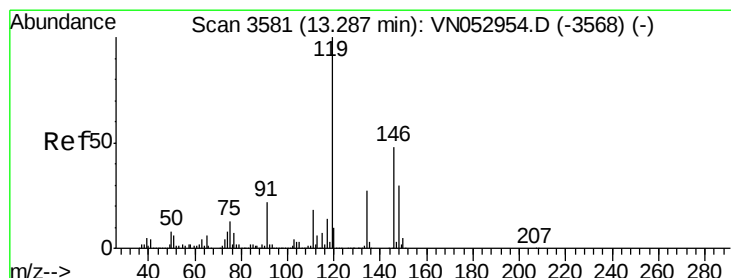
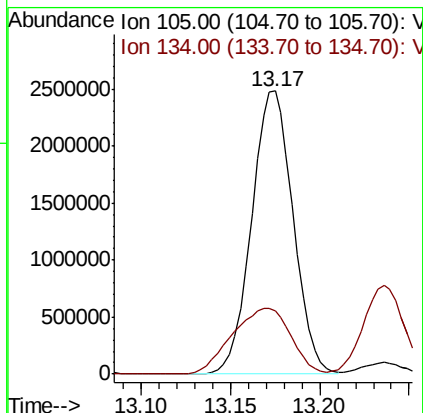
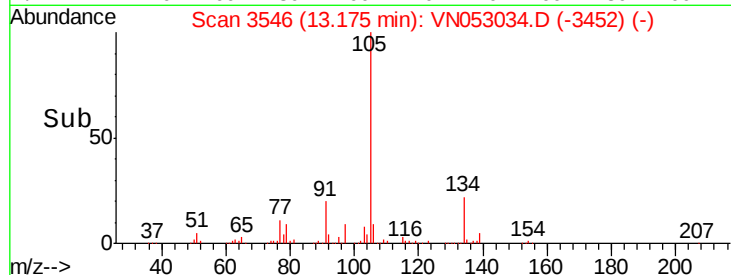
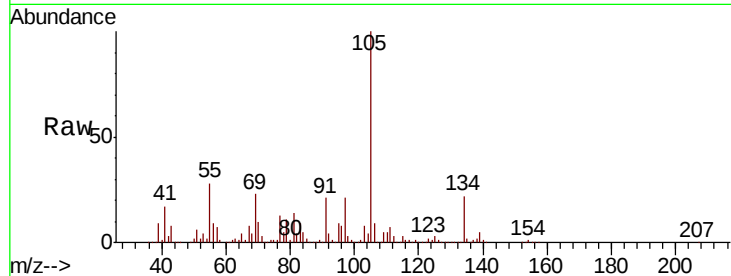
134 32.9 10.1 30.3#

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#86

p-Isopropyltoluene

Concen: 64.738 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053034.D

Acq: 20 Dec 2018 2:23

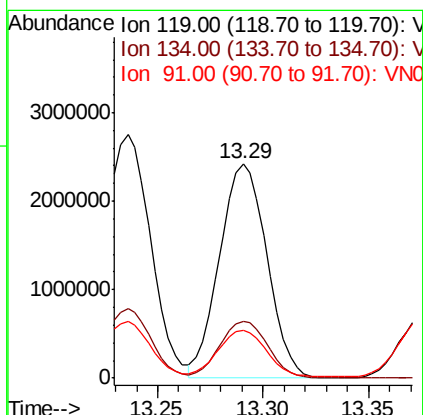
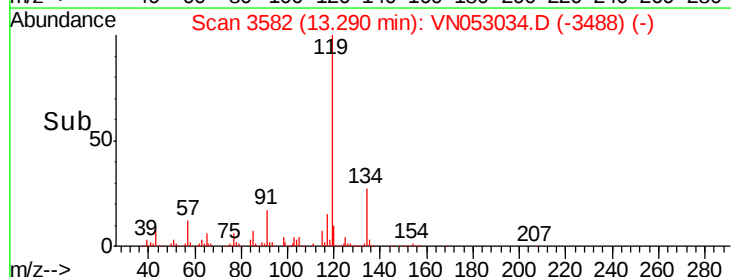
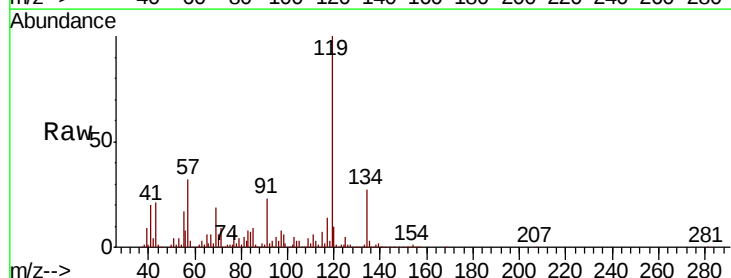
Tgt Ion:119 Resp: 3771180

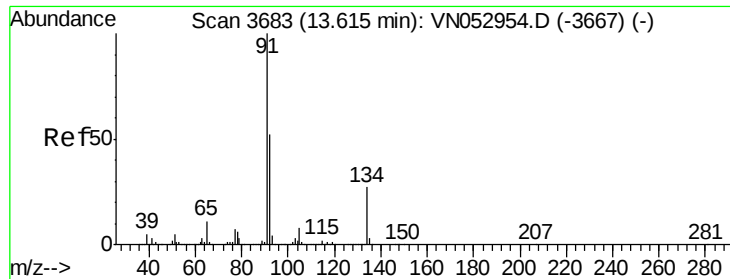
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.1 11.1 33.3





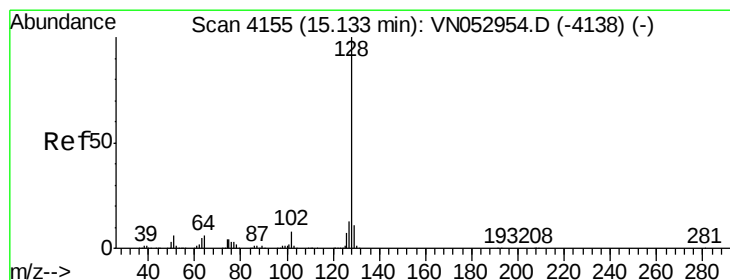
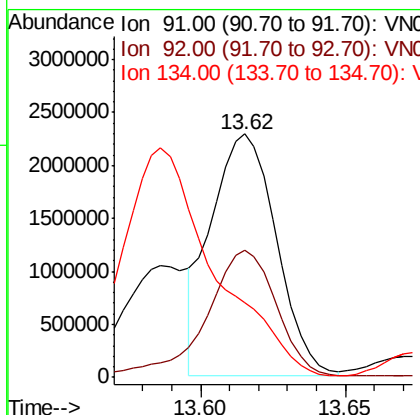
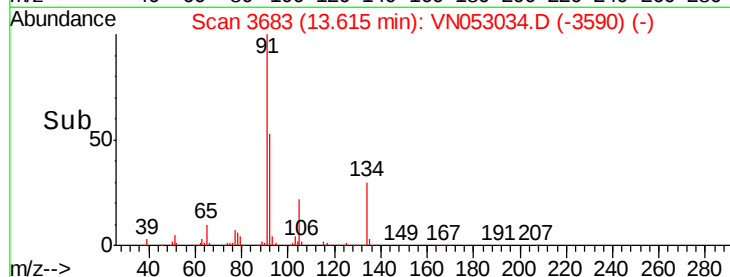
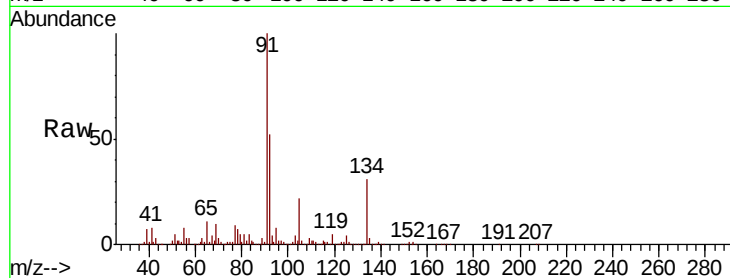
#89
n-Butylbenzene
Concen: 71.018 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3B(17-18FT)1218

Tot Ion: 91 Resp: 3559141
Ion Ratio Lower Upper
91 100
92 56.2 26.3 78.9
134 0.0 13.3 39.8#

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#95
Naphthalene
Concen: 1.386 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053034.D
Acq: 20 Dec 2018 2:23

Tgt Ion: 128 Resp: 8520
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 13.0#

