

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053117.D
 Acq On : 21 Dec 2018 22:03
 Operator : MD\SY
 Sample : J6392-12ME 20X
 Misc : 5.35g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(22-24)ME

Manual Integrations
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MMDadoda
 12/22/2018 10:49:55 AM

Quant Time: Dec 22 03:20:46 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	1255109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1903092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1752246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	823171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	612657	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.59	113	492022	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
50) Toluene-d8	10.09	98	2363756	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	842882	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	230808	9.622	ug/l #	73
39) Methylcyclohexane	9.08	83	443456	19.985	ug/l	94
40) Benzene	8.04	78	153424	2.824	ug/l	98
52) Toluene	10.16	92	6276012	186.358	ug/l	99
67) Ethyl Benzene	11.51	91	8096745	121.211	ug/l	100
68) m/p-Xylenes	11.62	106	11042037	434.829	ug/l #	1
69) o-Xylene	11.95	106	4184923	171.741	ug/l	100
73) Isopropylbenzene	12.25	105	1592306	24.723	ug/l	99
78) n-propylbenzene	12.59	91	2730699	37.227	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3097865	59.011	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	10585845	200.590	ug/l	100
85) sec-Butylbenzene	13.17	105	234333m	3.731	ug/l	
86) p-Isopropyltoluene	13.29	119	2833654	52.220	ug/l	100
89) n-Butylbenzene	13.62	91	404639	8.668	ug/l #	73
95) Naphthalene	15.13	128	895494	28.181	ug/l	99

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

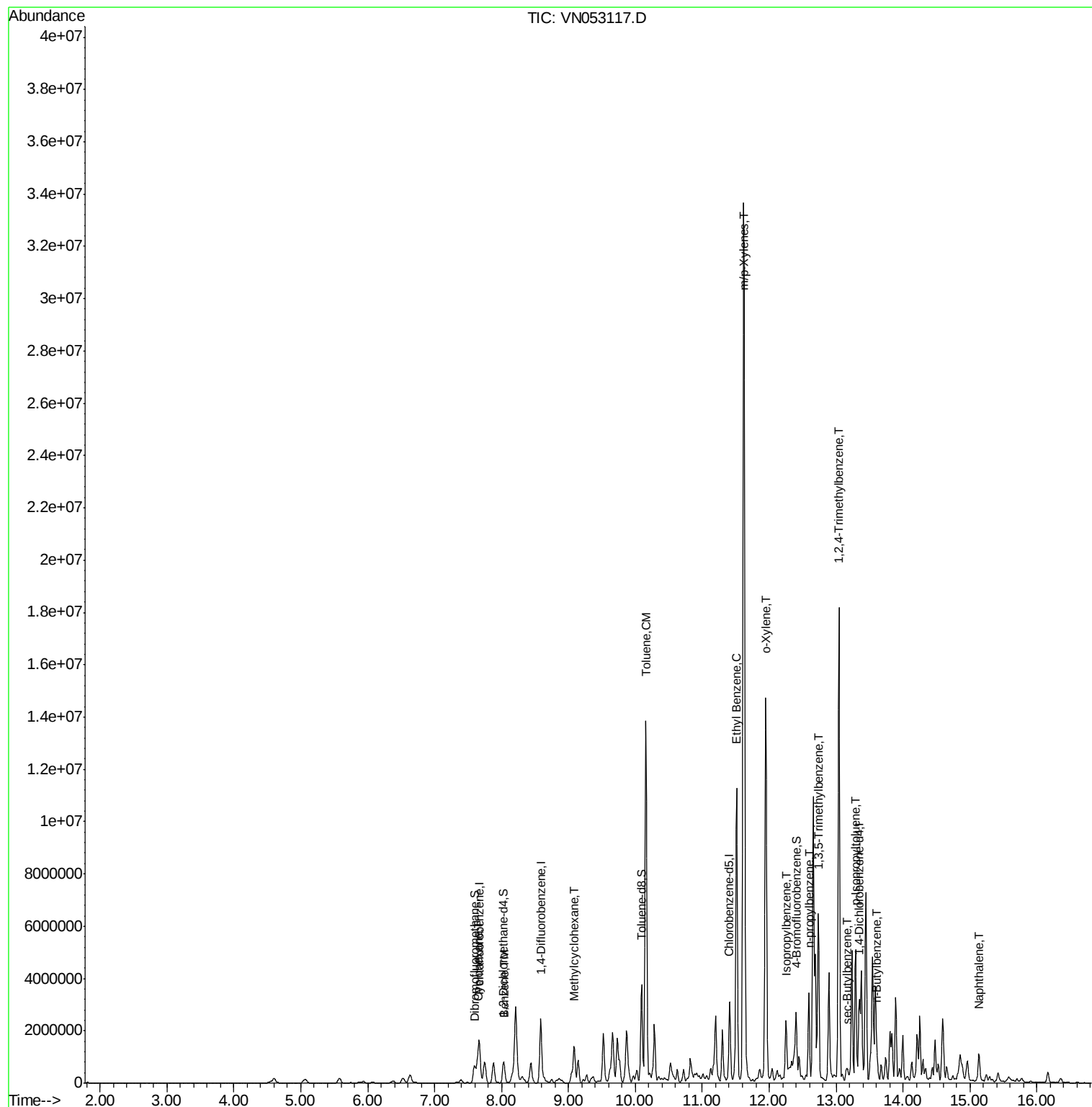
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053117.D
Acq On : 21 Dec 2018 22:03
Operator : MD\SY
Sample : J6392-12ME 20X
Misc : 5.35g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 27 Sample Multiplier: 28

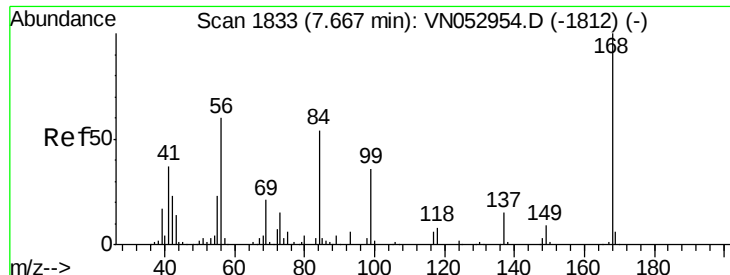
Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

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Quant Time: Dec 22 03:20:46 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: VN053117.D

Acq: 21 Dec 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218-(22-24)ME

Tgt Ion:168 Resp: 1255109

Ion Ratio Lower Upper

168 100

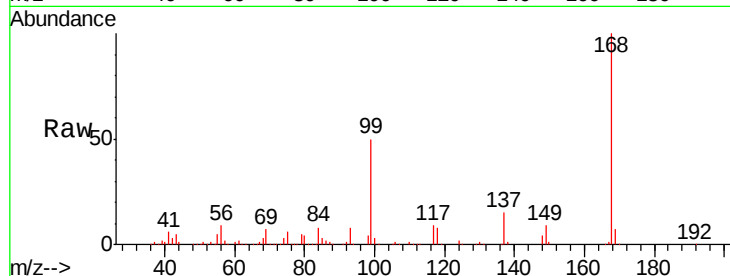
99 49.6 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

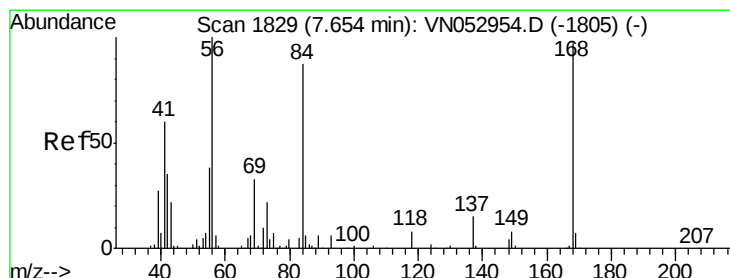
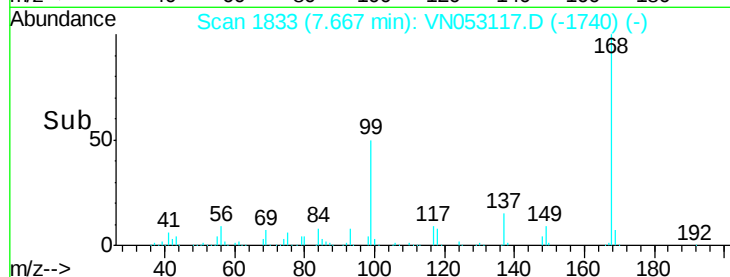
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 9.622 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN053117.D

Acq: 21 Dec 2018 22:03

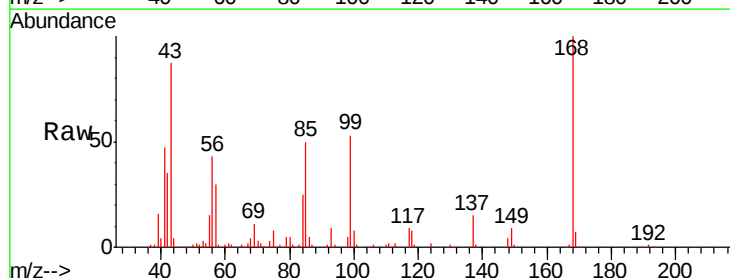
Tgt Ion: 56 Resp: 230808

Ion Ratio Lower Upper

56 100

69 22.2 26.6 39.8#

84 58.2 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

200000

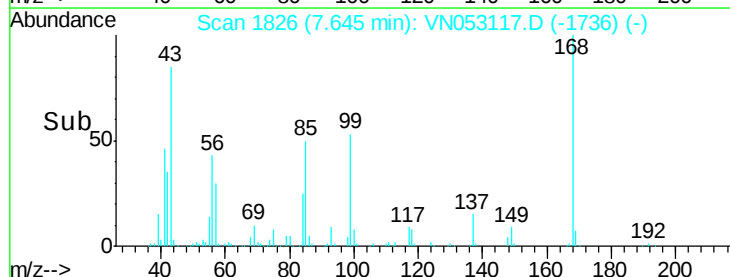
150000

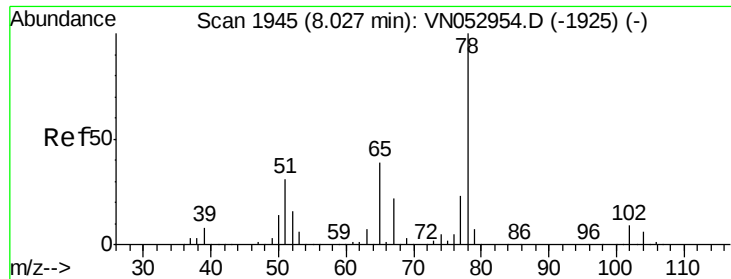
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50000

0

Time-->





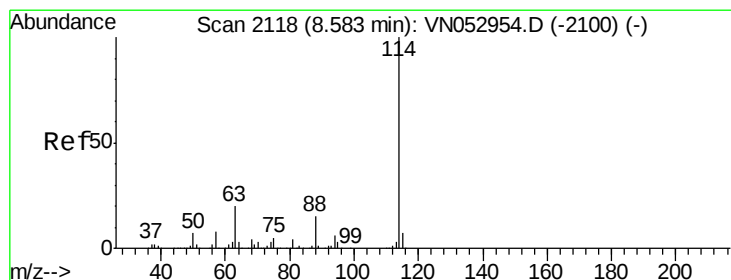
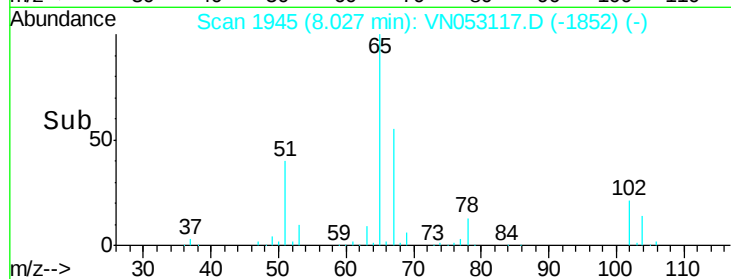
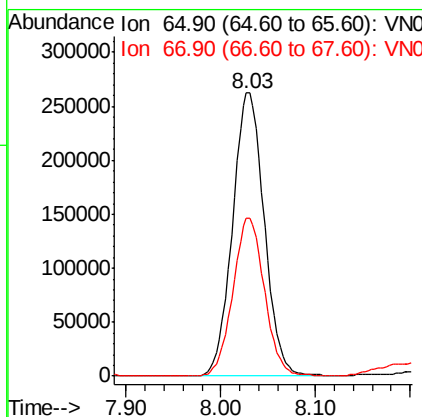
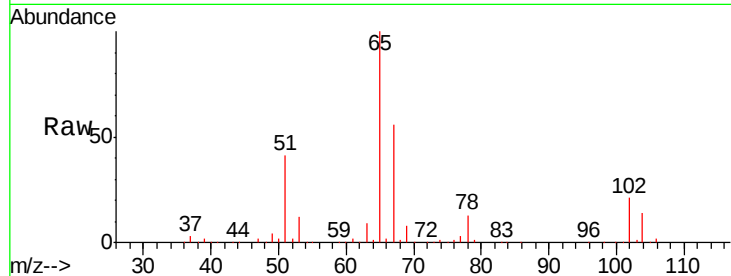
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053117.D
 Acq: 21 Dec 2018 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(22-24)ME

Tgt Ion: 65 Resp: 612657
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4

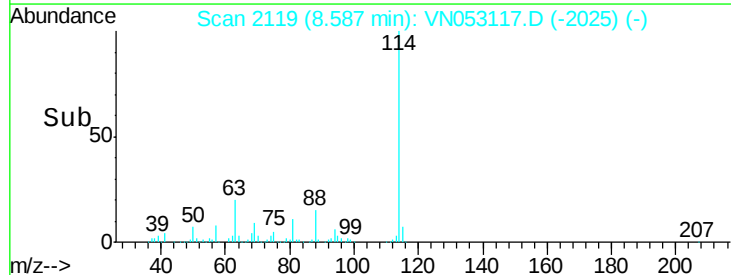
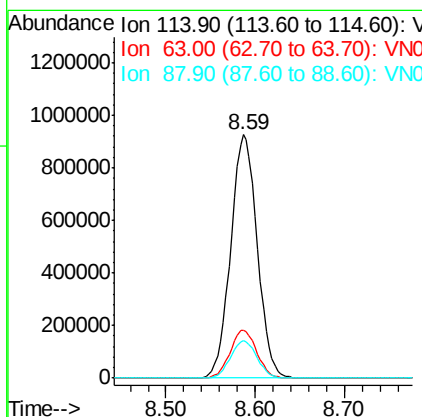
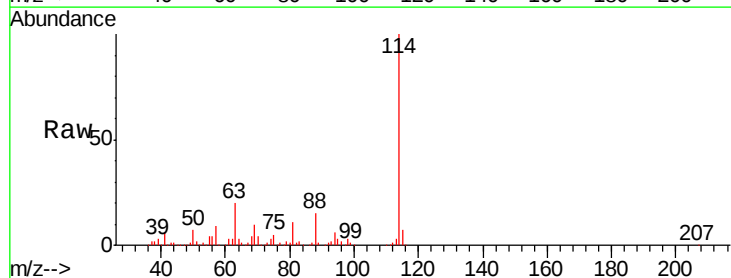
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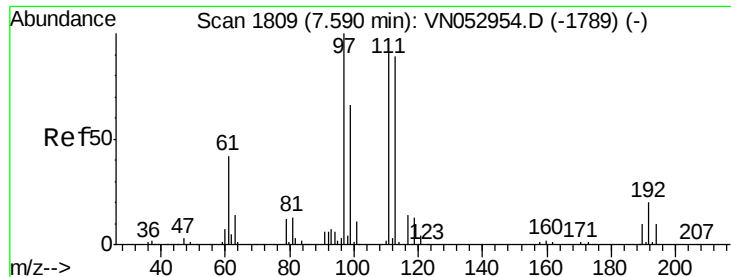
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053117.D
 Acq: 21 Dec 2018 22:03

Tgt Ion: 114 Resp: 1903092
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.3 0.0 31.0





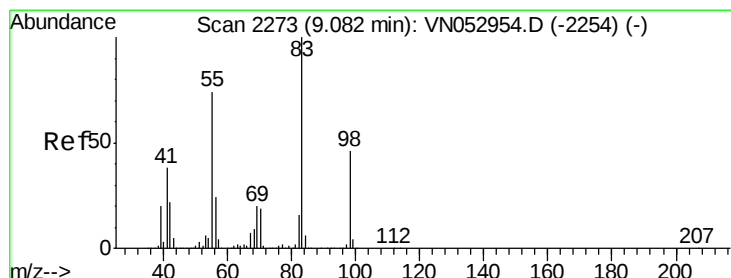
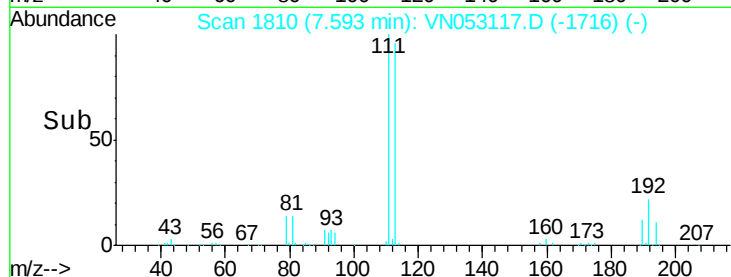
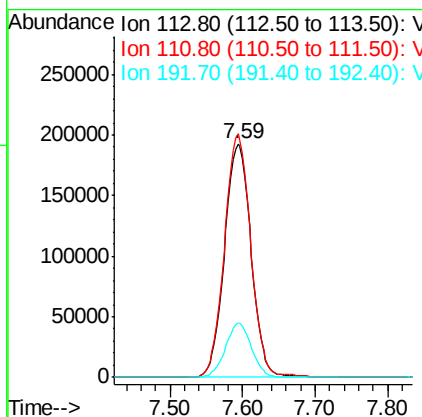
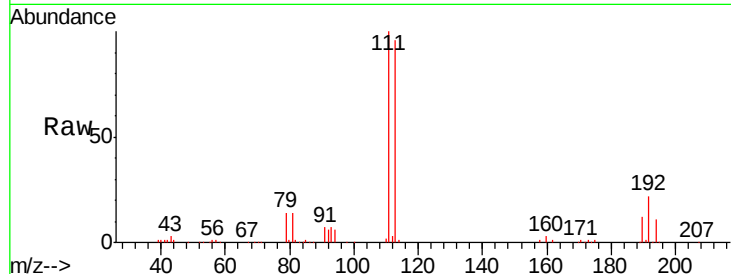
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053117.D
 Acq: 21 Dec 2018 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(22-24)ME

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	492022		
111	102.1	83.0	124.4	
192	22.8	17.5	26.3	

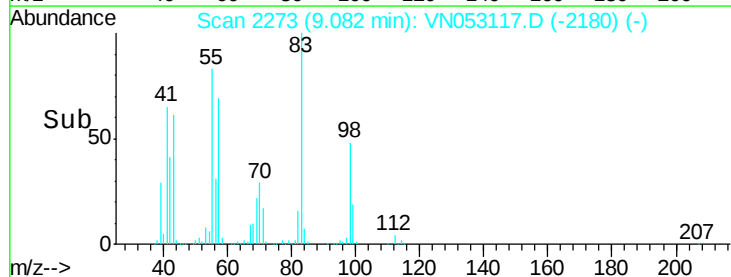
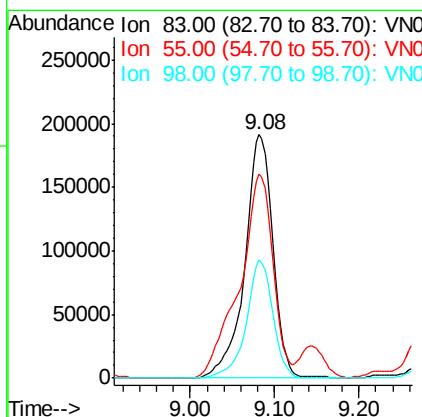
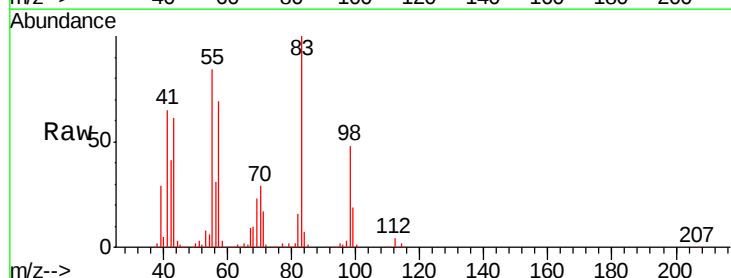
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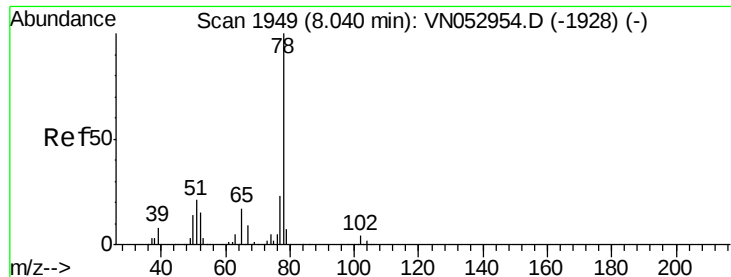
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#39
 Methylcyclohexane
 Concen: 19.985 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN053117.D
 Acq: 21 Dec 2018 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	443456		
55	83.4	61.3	91.9	
98	48.3	37.0	55.4	





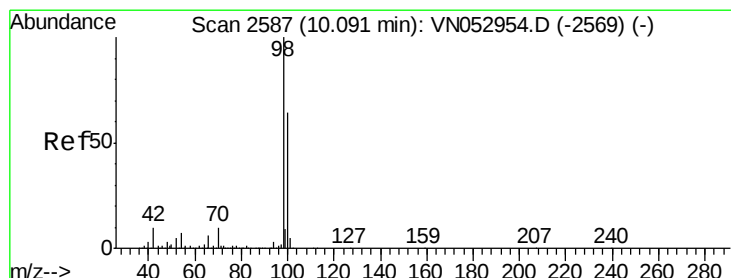
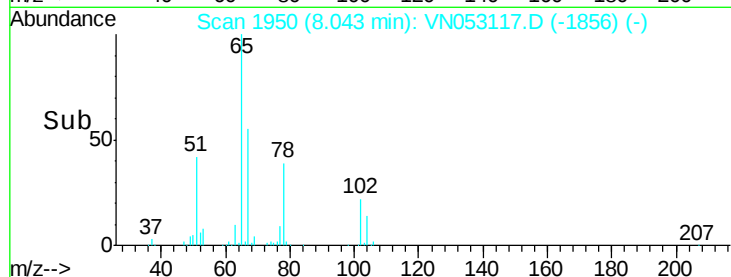
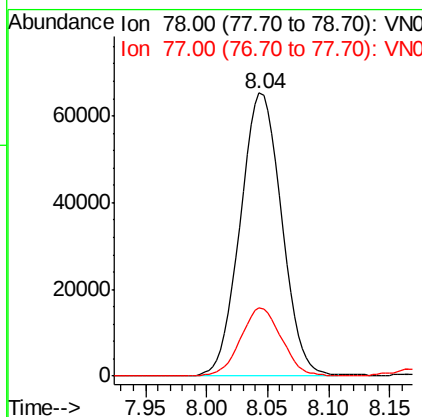
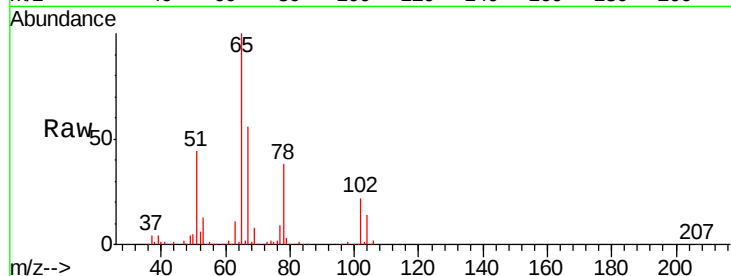
#40
Benzene
Concen: 2.824 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

Tgt Ion: 78 Resp: 153424
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7

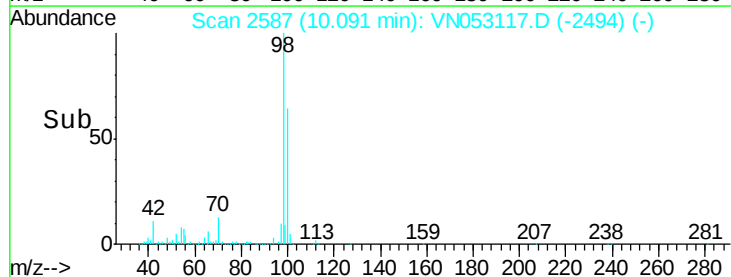
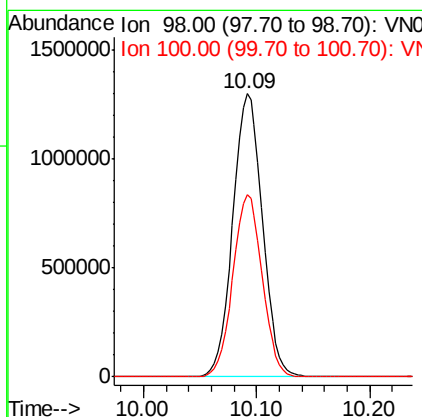
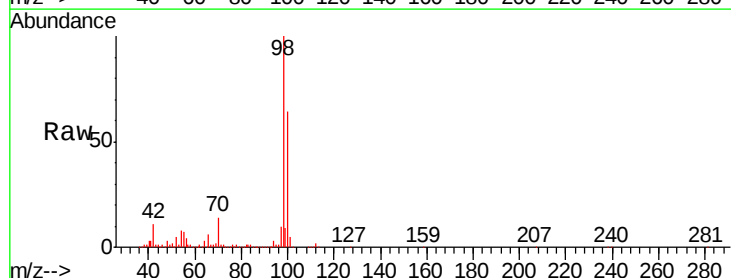
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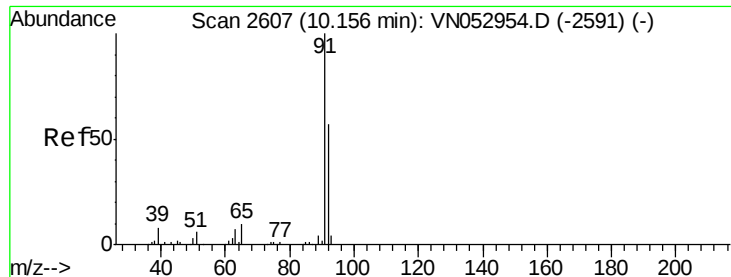
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Tgt Ion: 98 Resp: 2363756
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4





#52

Toluene

Concen: 186.358 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053117.D

Acq: 21 Dec 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218-(22-24)ME

Tgt Ion: 92 Resp: 6276012

Ion Ratio Lower Upper

92 100

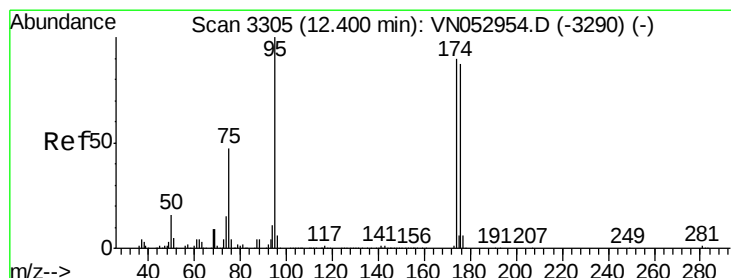
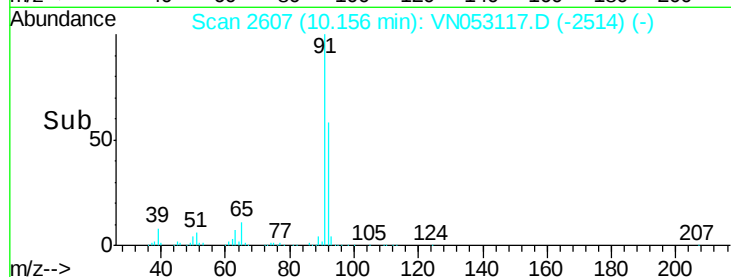
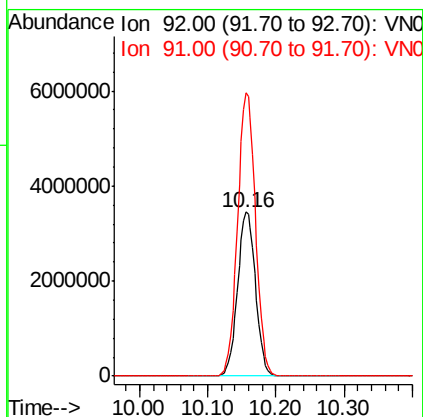
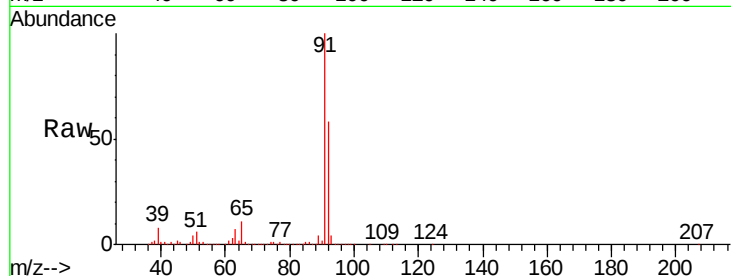
91 172.7 139.8 209.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053117.D

Acq: 21 Dec 2018 22:03

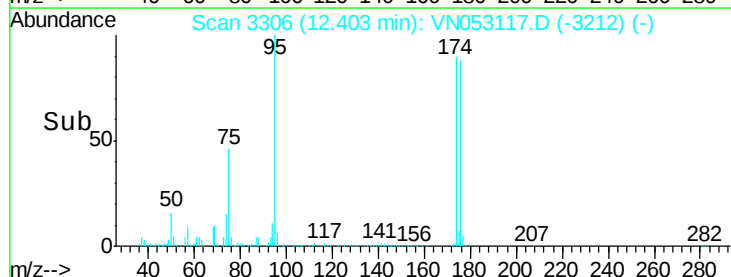
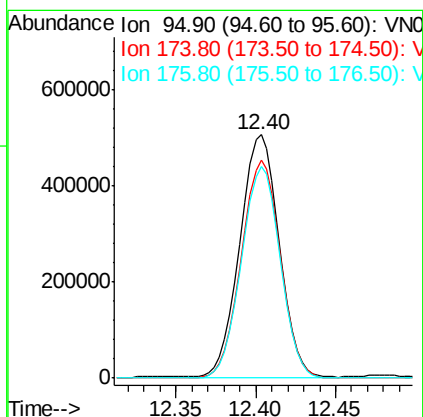
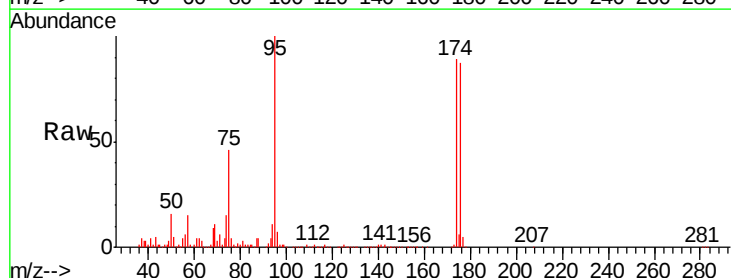
Tgt Ion: 95 Resp: 842882

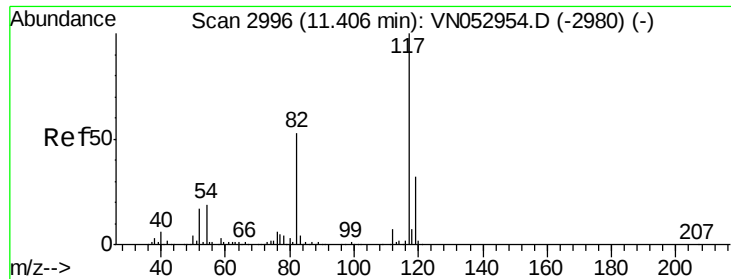
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

176 86.6 0.0 173.8





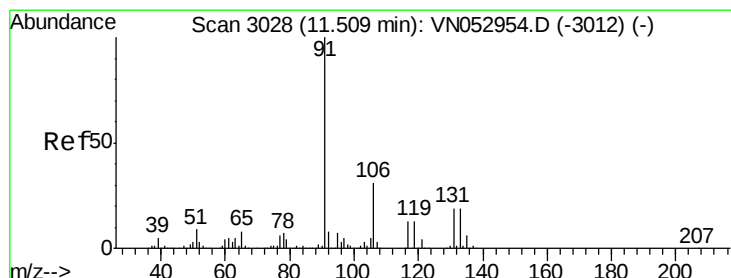
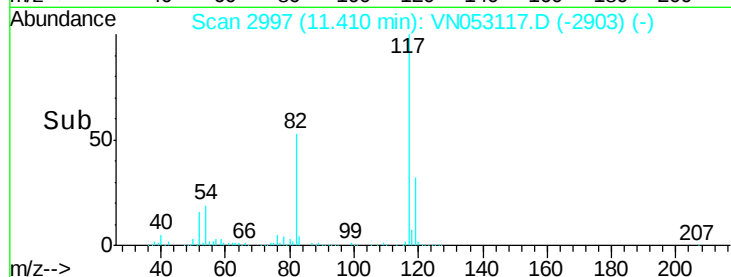
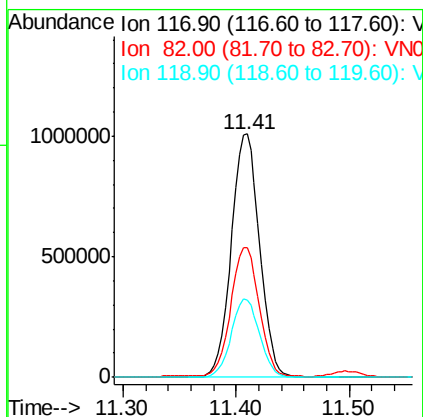
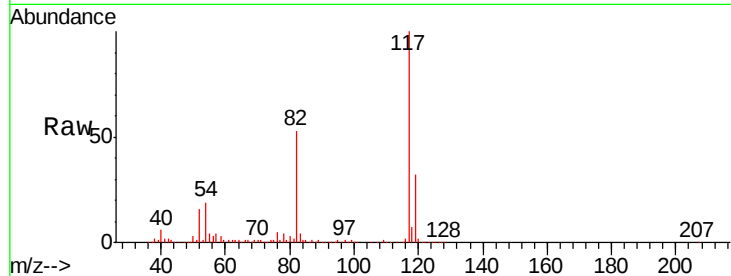
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

Tgt Ion: 117 Resp: 1752246
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 31.8 25.5 38.3

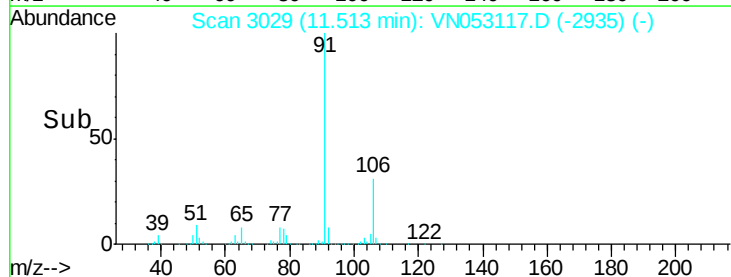
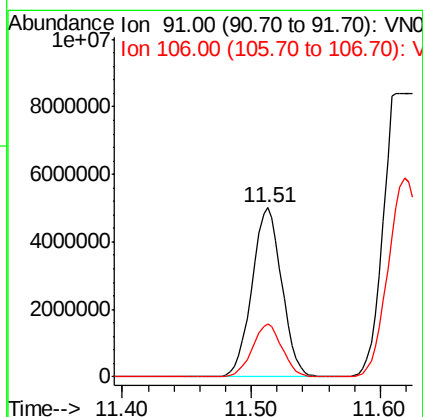
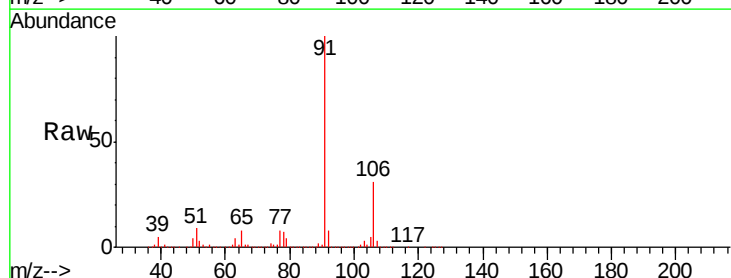
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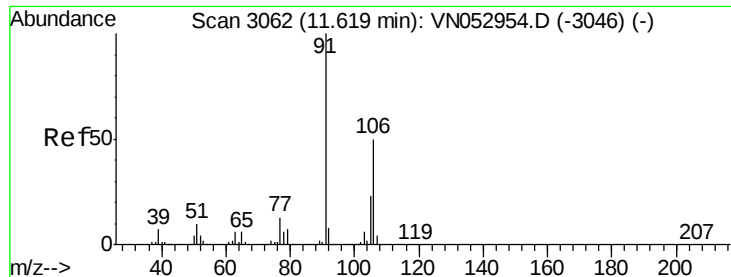
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#67
Ethyl Benzene
Concen: 121.211 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Tgt Ion: 91 Resp: 8096745
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





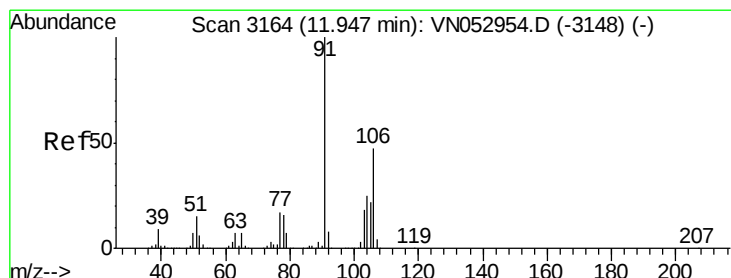
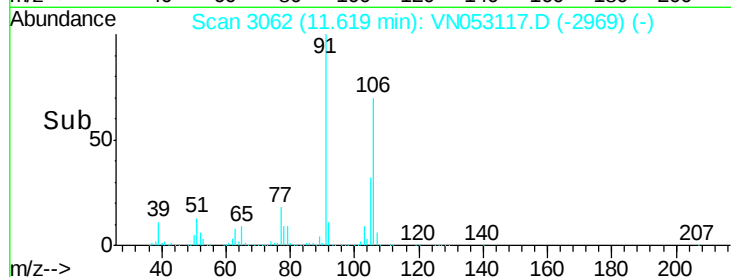
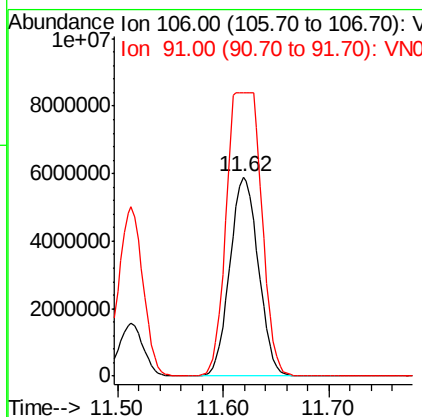
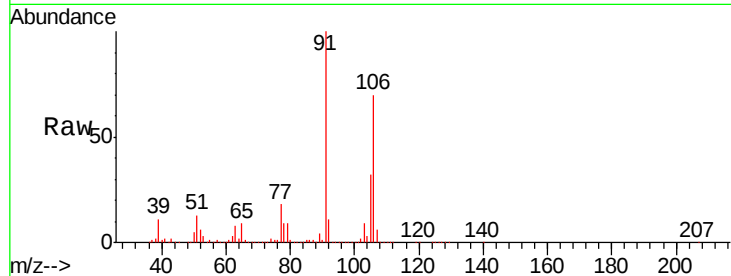
#68
m/p-Xylenes
Concen: 434.829 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

Tgt Ion:106 Resp:11042037
Ion Ratio Lower Upper
106 100
91 0.0 162.2 243.4#

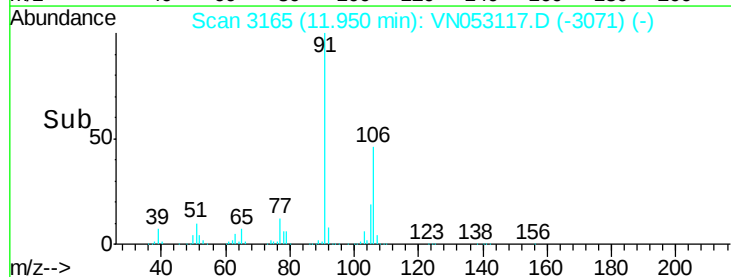
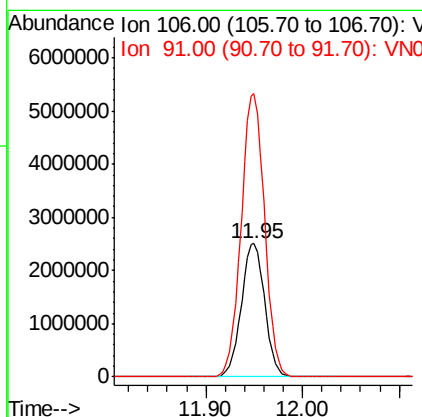
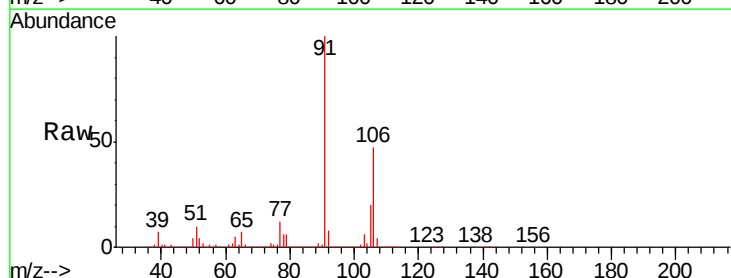
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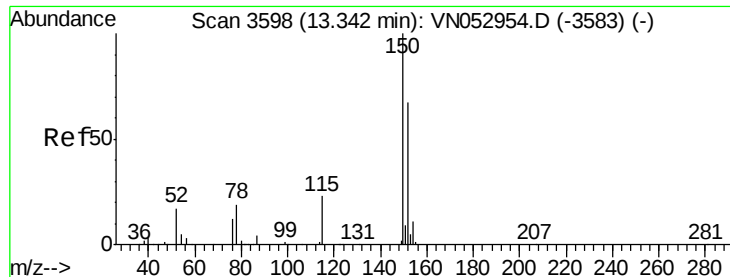
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#69
o-Xylene
Concen: 171.741 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Tgt Ion:106 Resp: 4184923
Ion Ratio Lower Upper
106 100
91 213.2 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053117.D

Acq: 21 Dec 2018 22:03

Instrument :

MSVOA_N

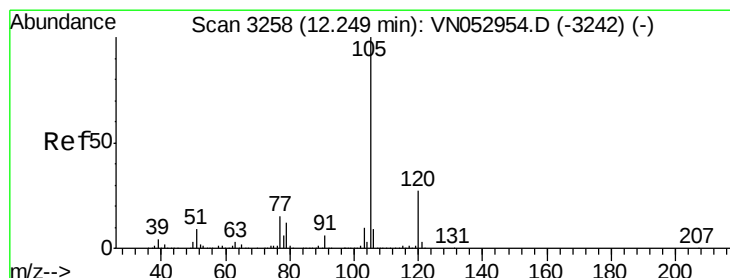
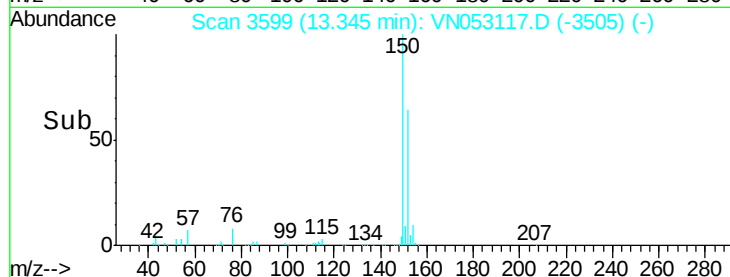
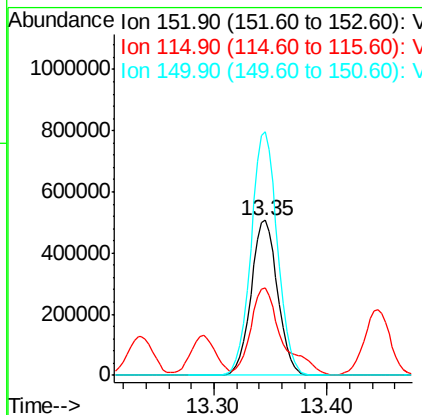
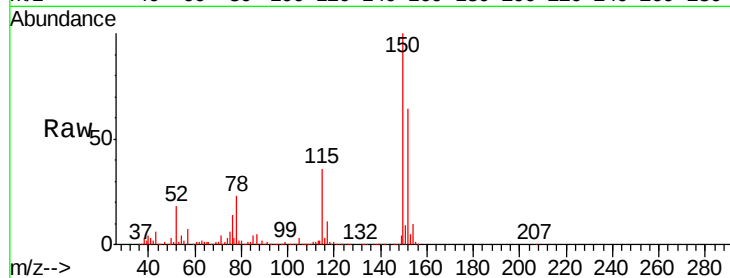
ClientSampleId :

KY001SB104-121218-(22-24)ME

Tgt	Ion	152	Resp:	823171
	Ion	Ratio	Lower	Upper
	152	100		
	115	66.2	28.3	85.0
	150	156.2	0.0	347.8

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#73

Isopropylbenzene

Concen: 24.723 ug/l

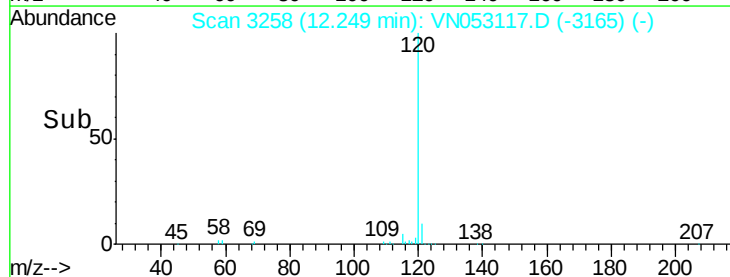
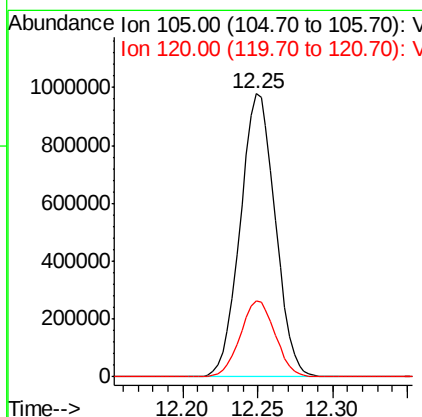
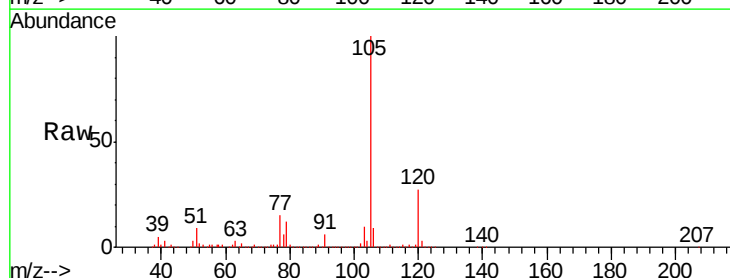
RT: 12.25 min Scan# 3258

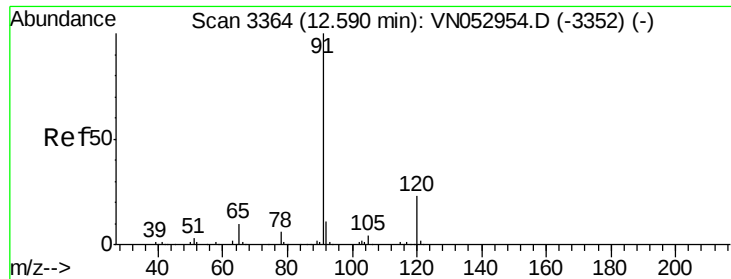
Delta R.T. -0.00 min

Lab File: VN053117.D

Acq: 21 Dec 2018 22:03

Tgt	Ion	105	Resp:	1592306
	Ion	Ratio	Lower	Upper
	105	100		
	120	26.9	13.3	39.9





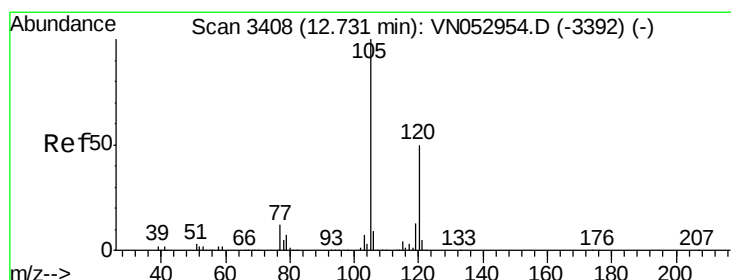
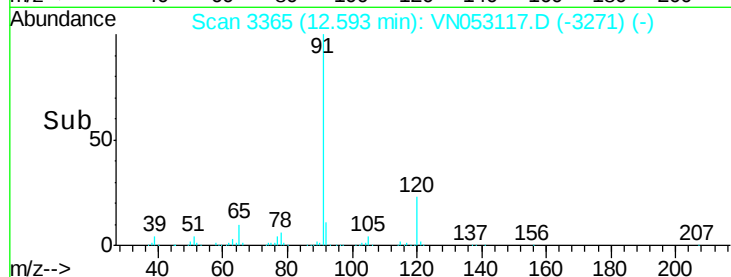
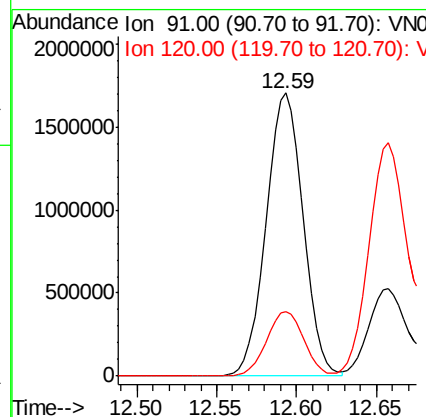
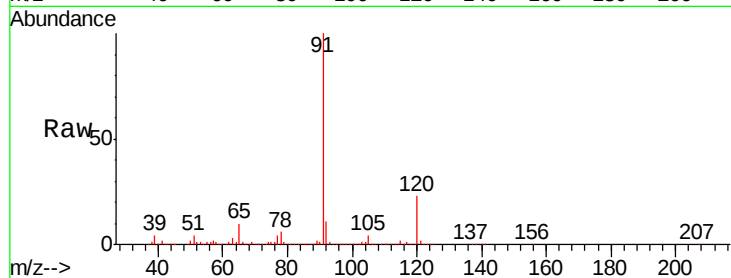
#78
n-propylbenzene
Concen: 37.227 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

Tgt Ion: 91 Resp: 2730699
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5

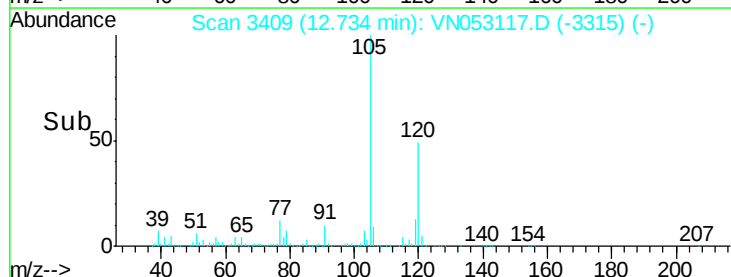
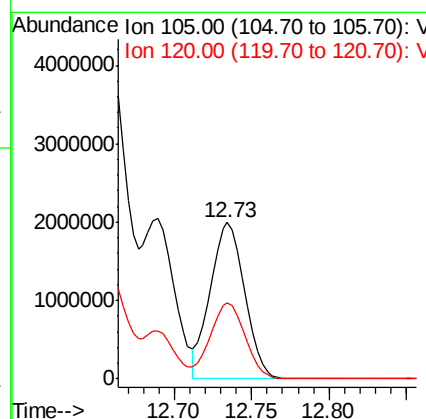
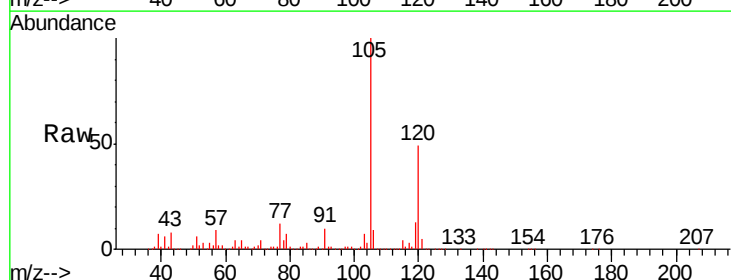
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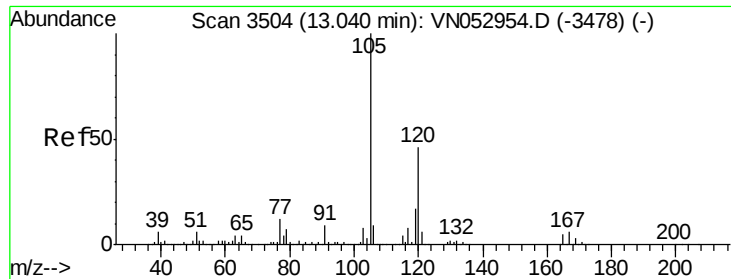
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#80
1,3,5-Trimethylbenzene
Concen: 59.011 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Tgt Ion: 105 Resp: 3097865
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.2





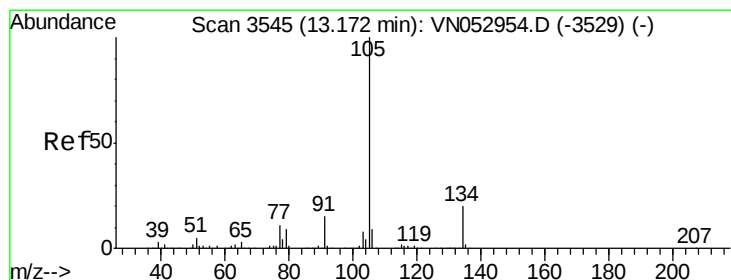
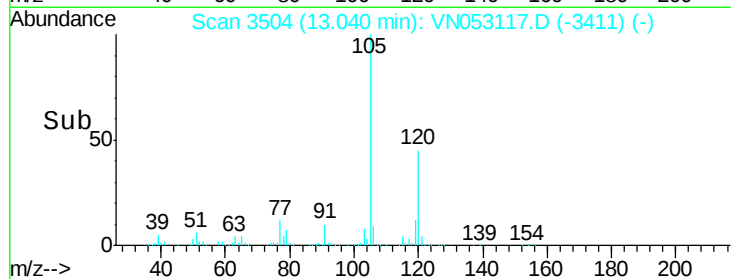
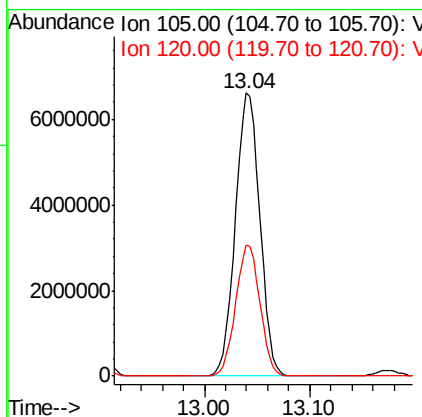
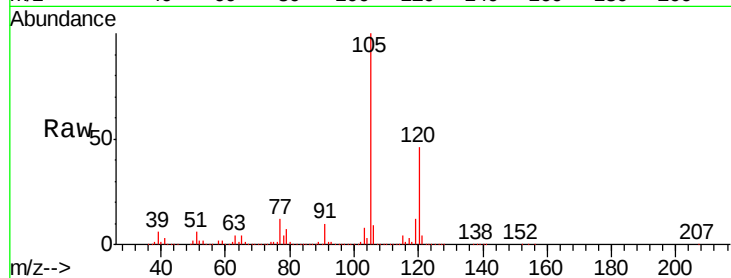
#84
 1,2,4-Trimethylbenzene
 Concen: 200.590 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053117.D
 Acq: 21 Dec 2018 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218-(22-24)ME

Tgt Ion:105 Resp:10585845
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8

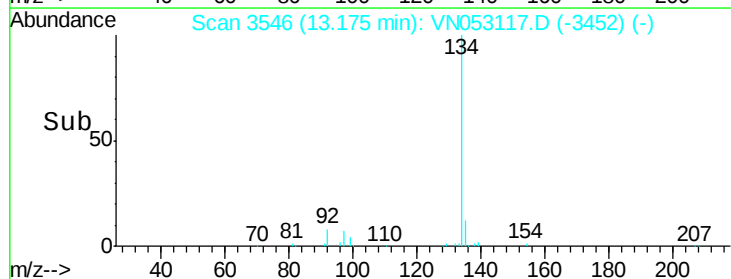
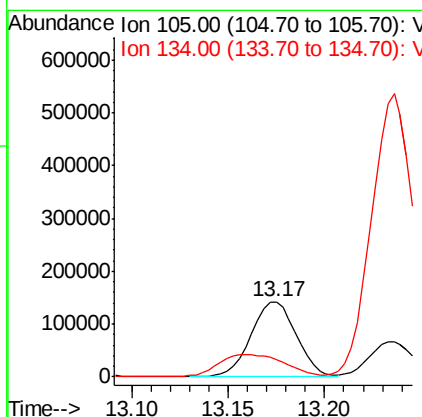
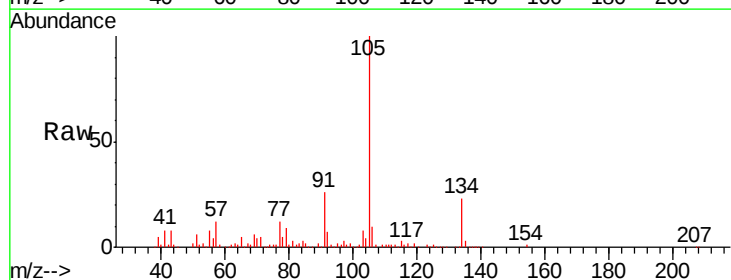
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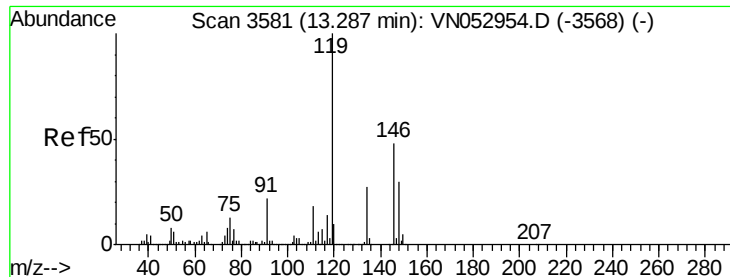
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#85
 sec-Butylbenzene
 Concen: 3.731 ug/l m
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053117.D
 Acq: 21 Dec 2018 22:03

Tgt Ion:105 Resp: 234333
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#





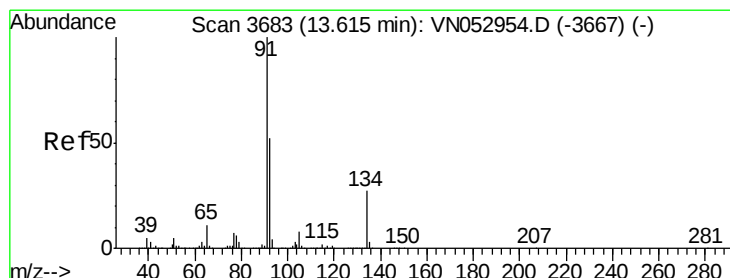
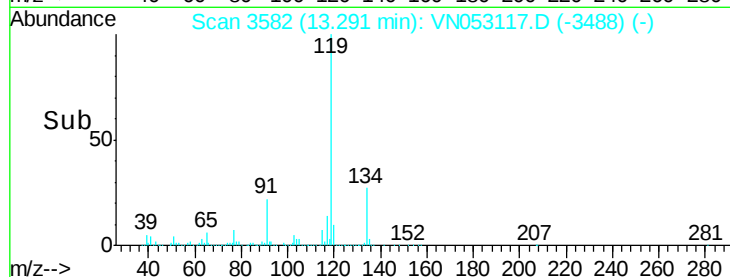
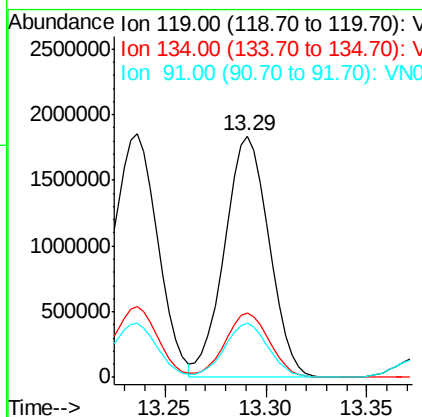
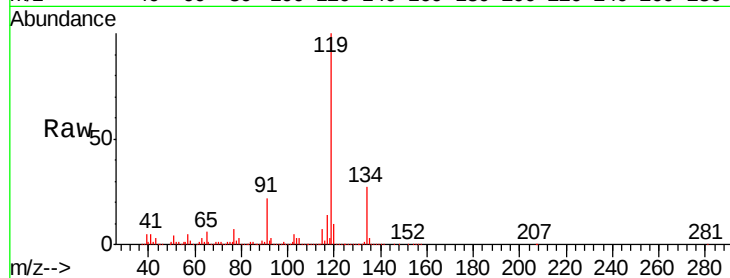
#86
p-Isopropyltoluene
Concen: 52.220 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.2
91	22.0	11.1	33.3

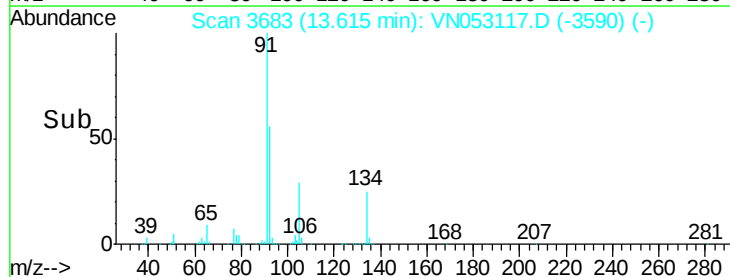
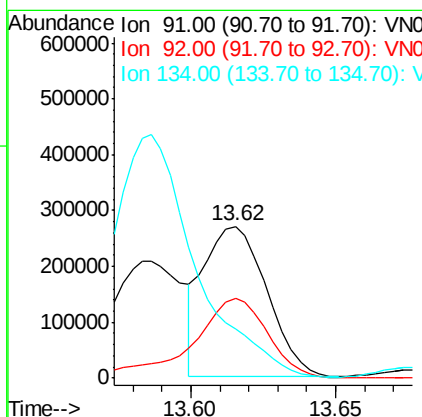
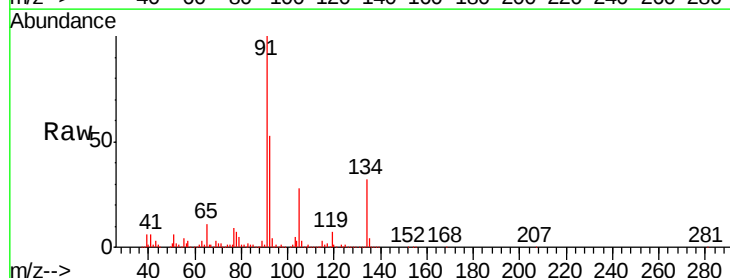
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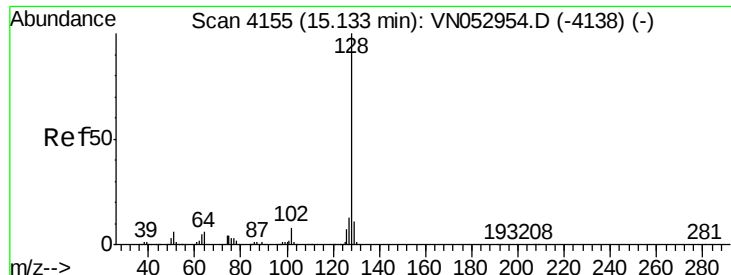
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#89
n-Butylbenzene
Concen: 8.668 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.4	26.3	78.9
134	0.0	13.3	39.8#





#95
Naphthalene
Concen: 28.181 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053117.D
Acq: 21 Dec 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218-(22-24)ME

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	895494		
127	12.9		10.2	15.4
129	11.4		8.6	13.0

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