

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053033.D
 Acq On : 20 Dec 2018 1:56
 Operator : MD\SY
 Sample : J6411-09 10X
 Misc : 6.07µ/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 28

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

Manual Integrations
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 12/20/2018 9:33:13 AM

Quant Time: Dec 20 07:45:13 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	1350365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2050456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1904078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	834661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	640185	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	7.59	113	520837	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
50) Toluene-d8	10.09	98	2570489	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	1057088	59.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.76%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	72570	3.035	ug/l	97
67) Ethyl Benzene	11.51	91	280546	3.865	ug/l	99
68) m/p-Xylenes	11.62	106	826141	29.939	ug/l	99
69) o-Xylene	11.95	106	36989	1.397	ug/l	51
73) Isopropylbenzene	12.25	105	1593840	24.406	ug/l	99
78) n-propylbenzene	12.59	91	4446830	59.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5890651	110.666	ug/l	97
83) tert-Butylbenzene	12.99	119	286211	6.080	ug/l	92
84) 1,2,4-Trimethylbenzene	13.03	105	17570851m	328.364	ug/l	
85) sec-Butylbenzene	13.17	105	2347725	36.870	ug/l #	74
86) p-Isopropyltoluene	13.29	119	2194006	39.876	ug/l	100
89) n-Butylbenzene	13.62	91	2243713m	47.401	ug/l	
95) Naphthalene	15.13	128	121865	4.775	ug/l	95

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

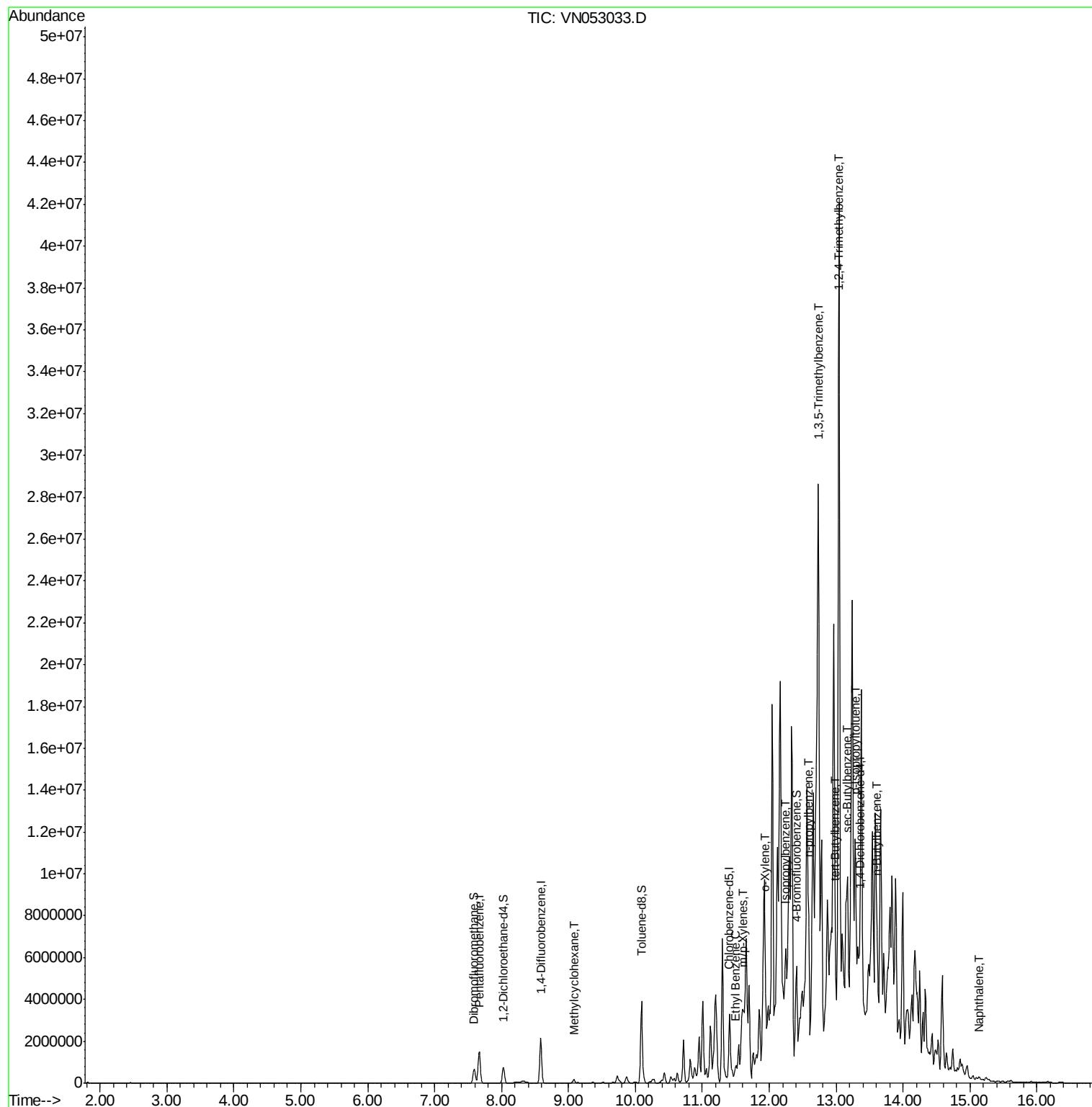
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053033.D
Acq On : 20 Dec 2018 1:56
Operator : MD\SY
Sample : J6411-09 10X
Misc : 6.07µ/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 40 Sample Multiplier: 28

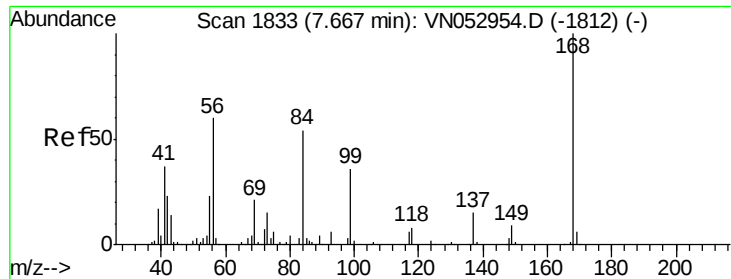
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-3A(17-18FT)1218

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Quant Time: Dec 20 07:45:13 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053033.D

Acq: 20 Dec 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

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

Tot Ion:168 Resp: 1350365

Ion Ratio Lower Upper

168 100

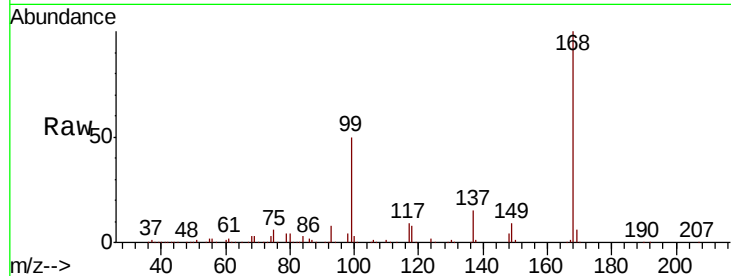
99 49.9 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

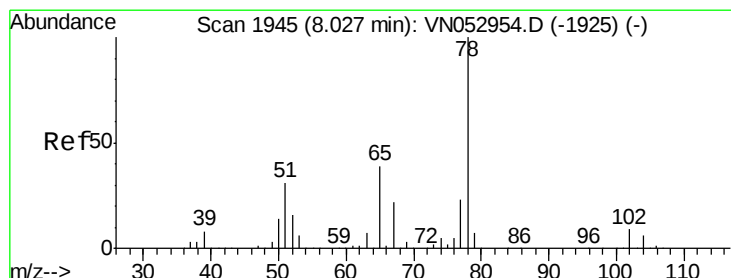
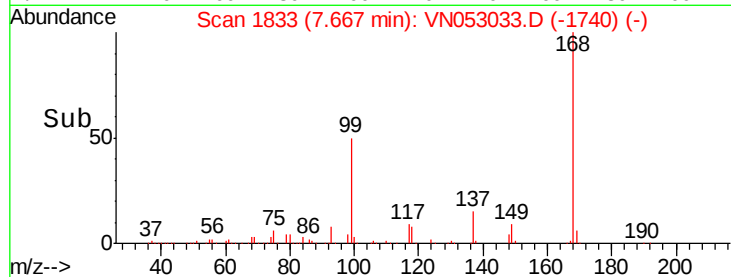
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053033.D

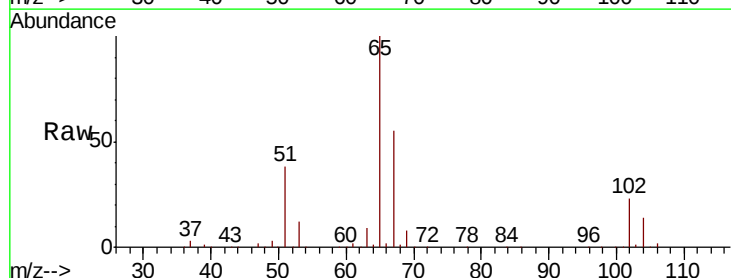
Acq: 20 Dec 2018 1:56

Tgt Ion: 65 Resp: 640185

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

300000

250000

200000

150000

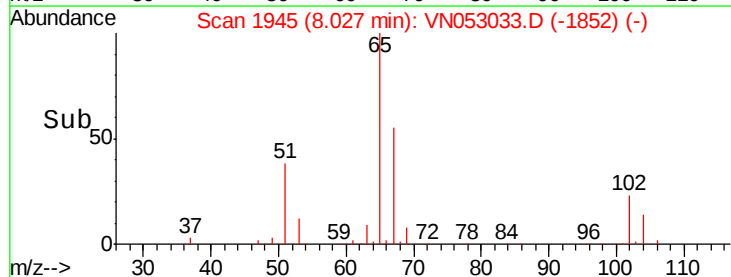
100000

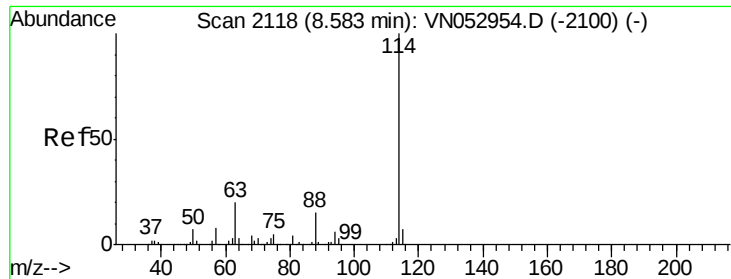
50000

0

7.90 8.00 8.10

Time-->





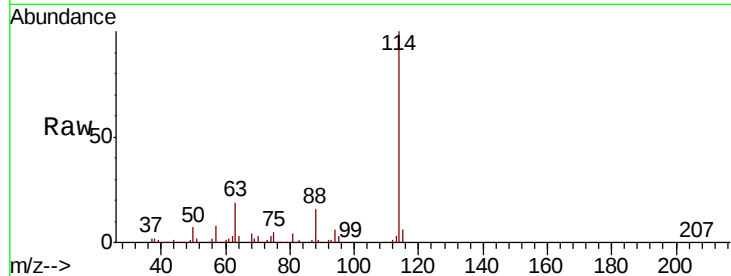
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053033.D
 Acq: 20 Dec 2018 1:56

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

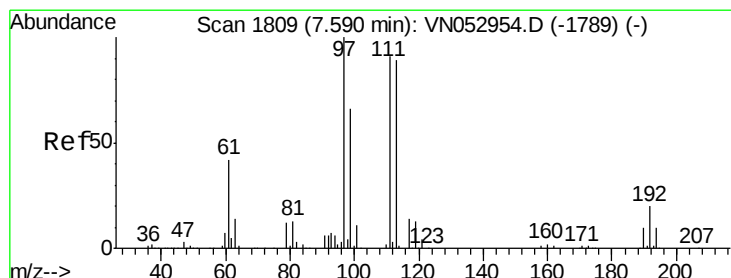
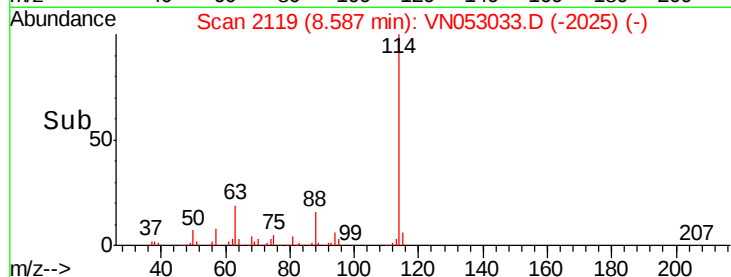
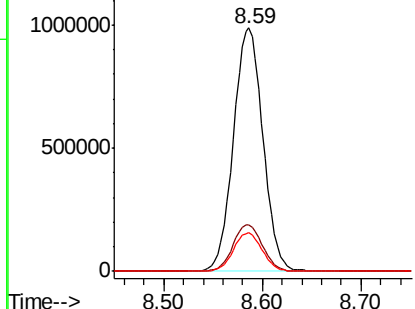
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.8
88	15.7	0.0	31.0

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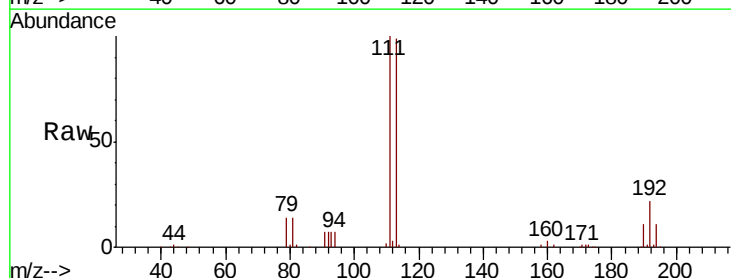


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

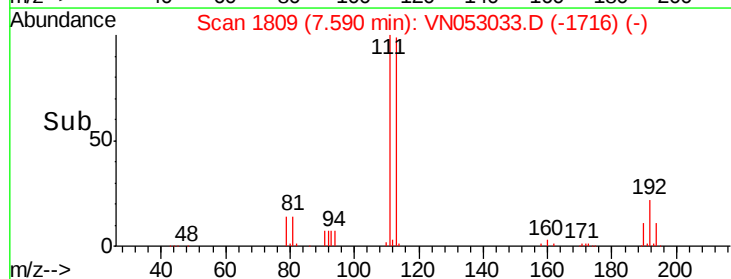
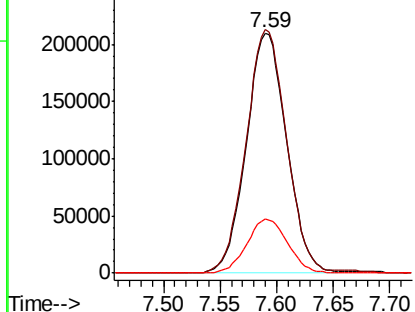


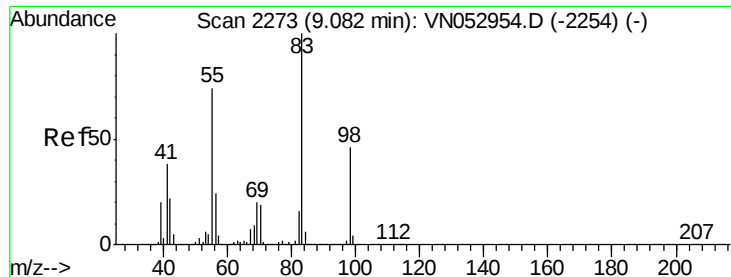
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053033.D
 Acq: 20 Dec 2018 1:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	22.7	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





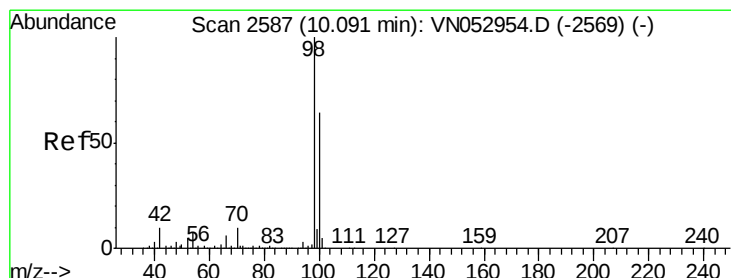
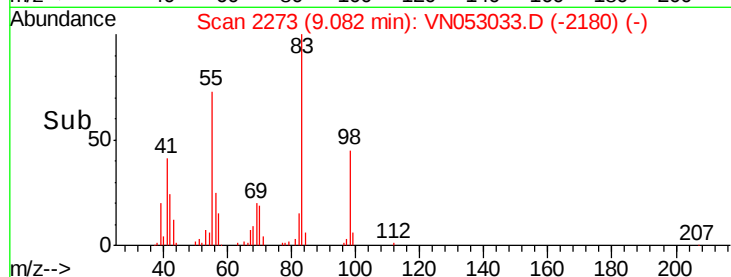
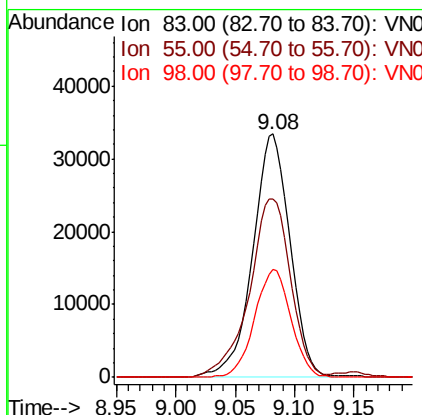
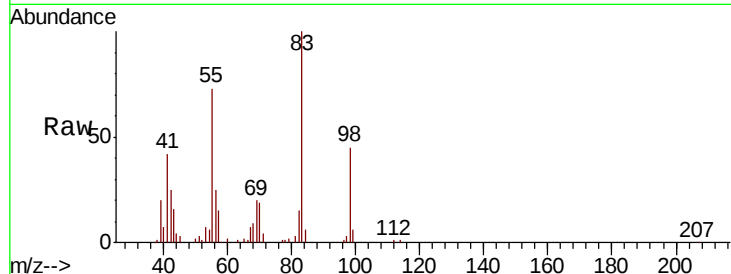
#39
Methvlcvclohexane
Concen: 3.035 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	61.3	91.9
98	44.6	37.0	55.4

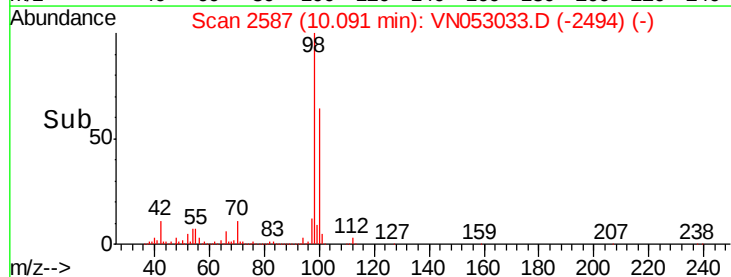
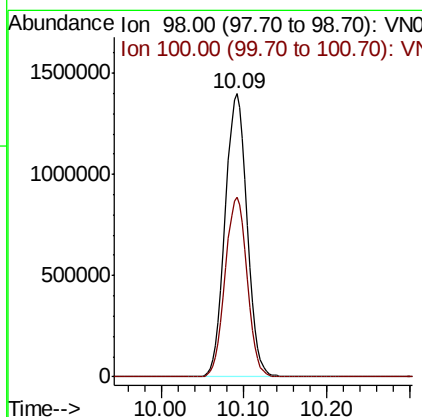
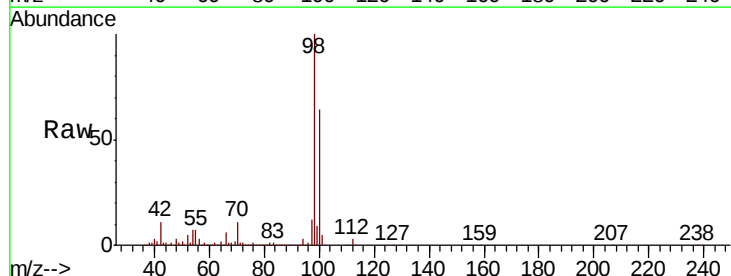
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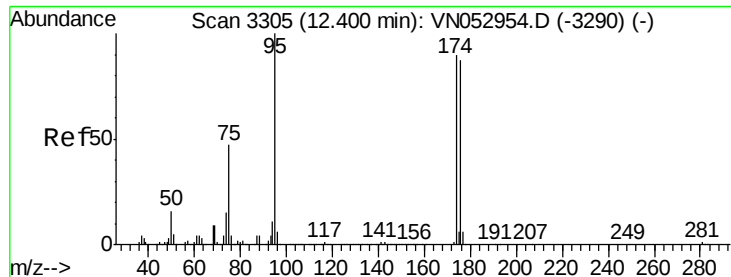
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4





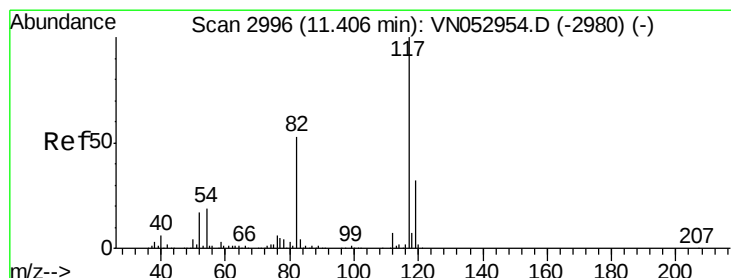
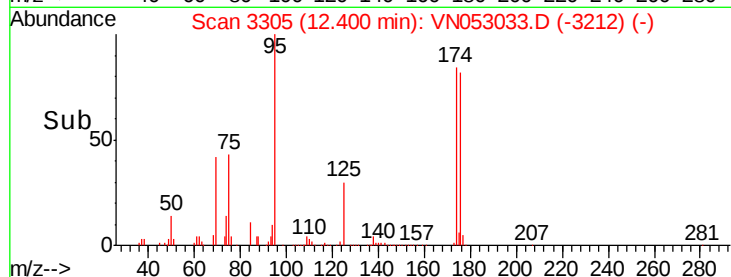
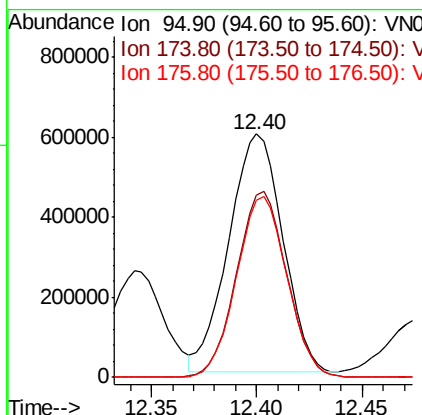
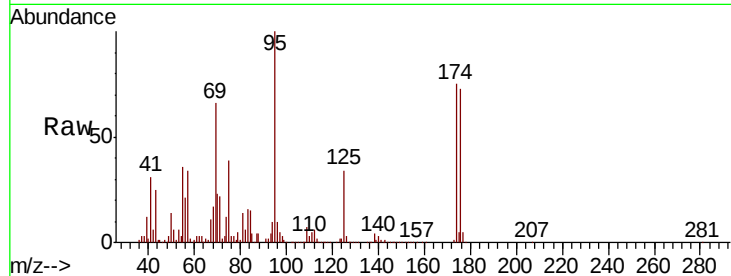
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

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

Tot Ion: 95 Resp: 1057088
Ion Ratio Lower Upper
95 100
174 72.9 0.0 178.8
176 71.2 0.0 173.8

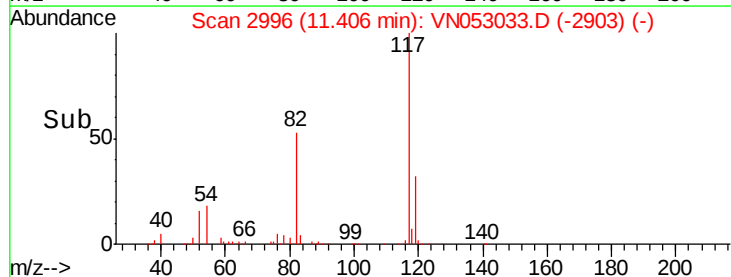
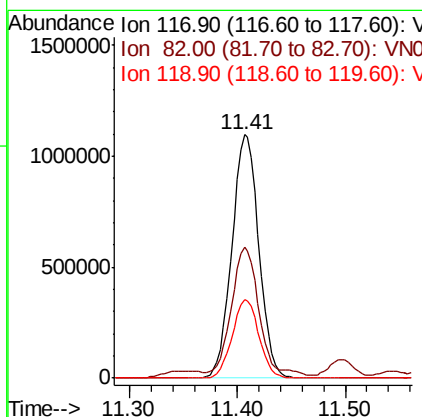
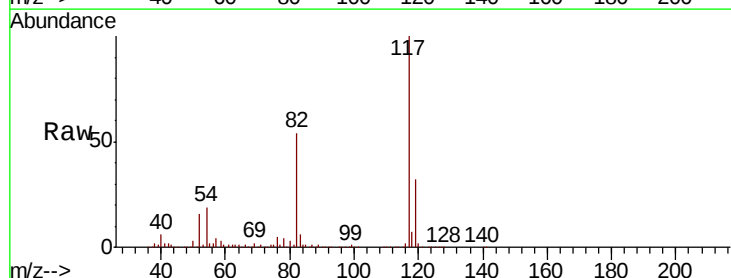
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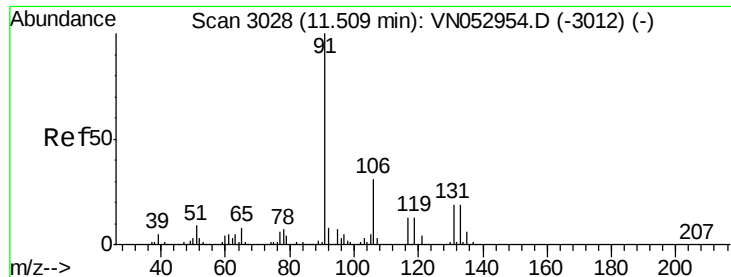
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

Tgt Ion: 117 Resp: 1904078
Ion Ratio Lower Upper
117 100
82 50.9 42.8 64.2
119 32.1 25.5 38.3





#67

Ethyl Benzene

Concen: 3.865 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053033.D

Acq: 20 Dec 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

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

Tot Ion: 91 Resp: 280546

Ion Ratio Lower Upper

91 100

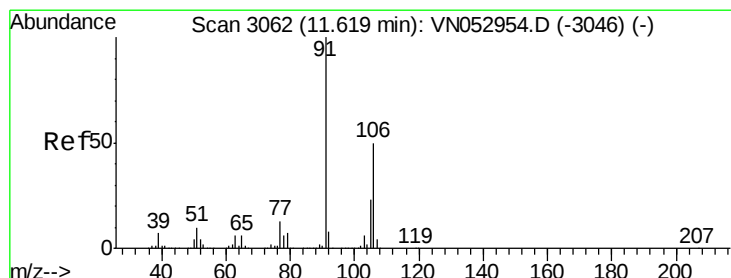
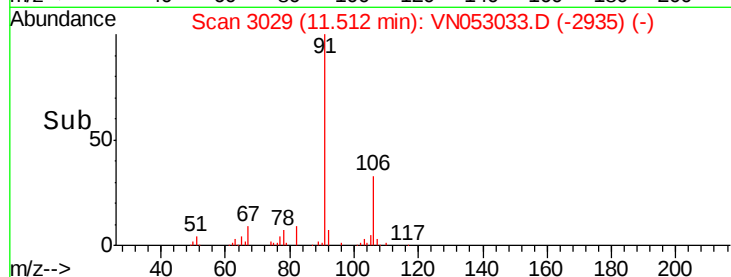
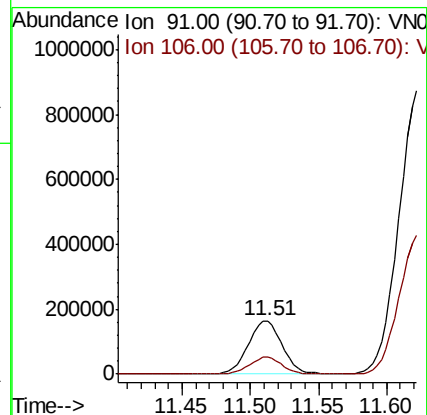
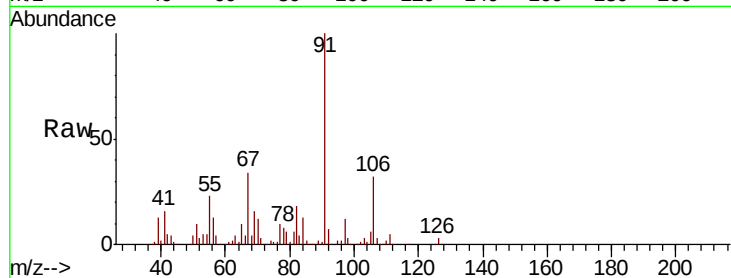
106 31.8 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 29.939 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053033.D

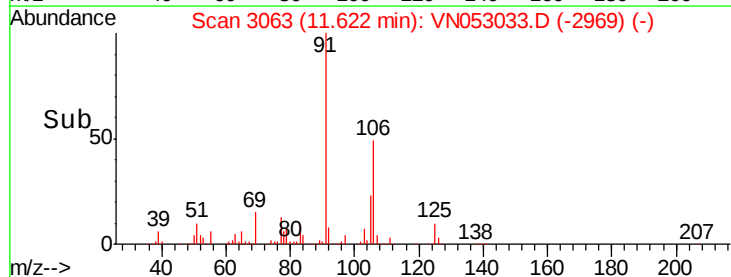
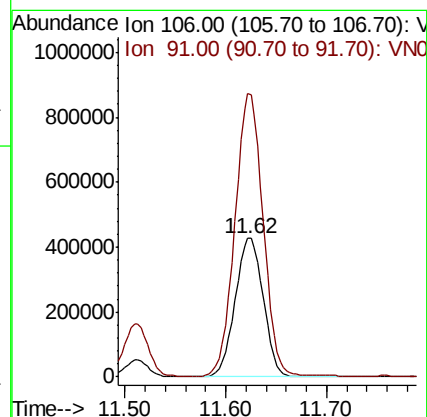
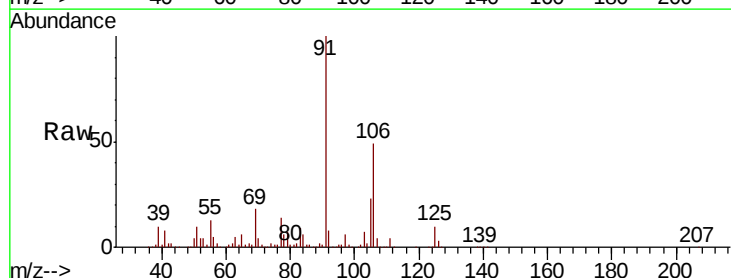
Acq: 20 Dec 2018 1:56

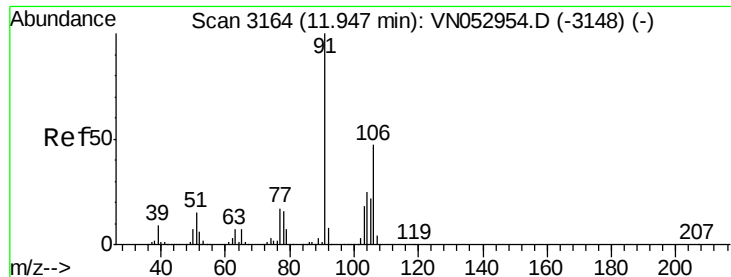
Tgt Ion: 106 Resp: 826141

Ion Ratio Lower Upper

106 100

91 203.9 162.2 243.4





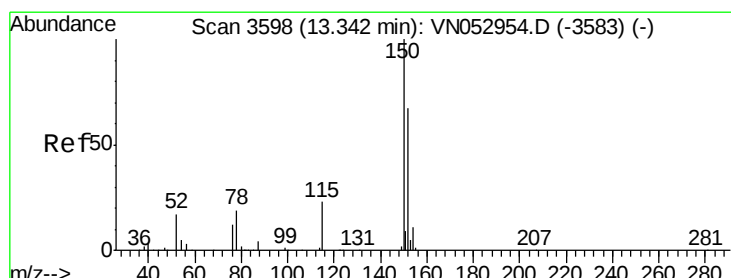
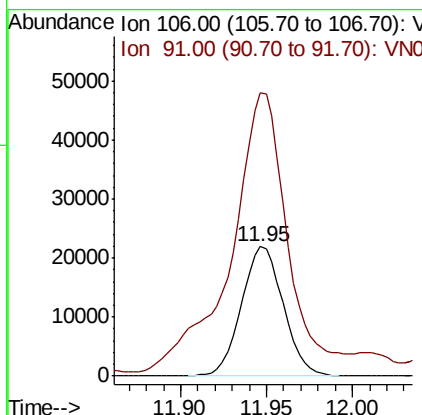
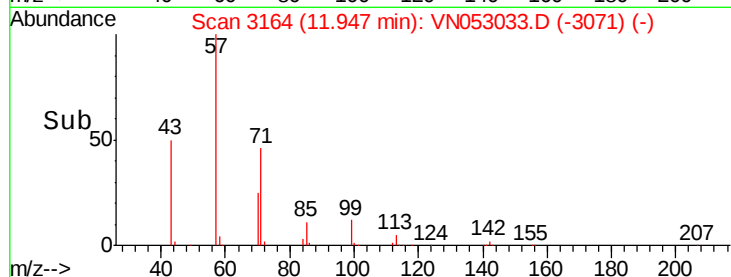
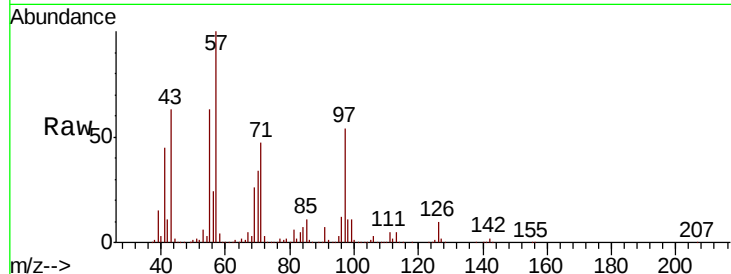
#69
o-Xylene
Concen: 1.397 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

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

Tot Ion:106 Resp: 36989
Ion Ratio Lower Upper
106 100
91 290.9 106.6 319.8

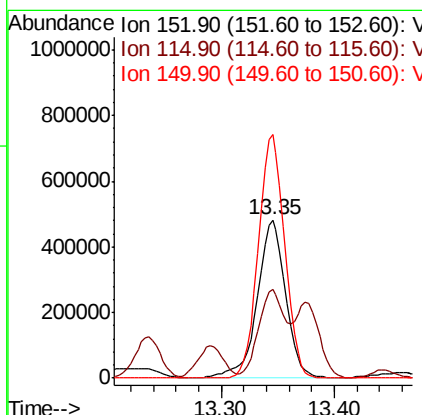
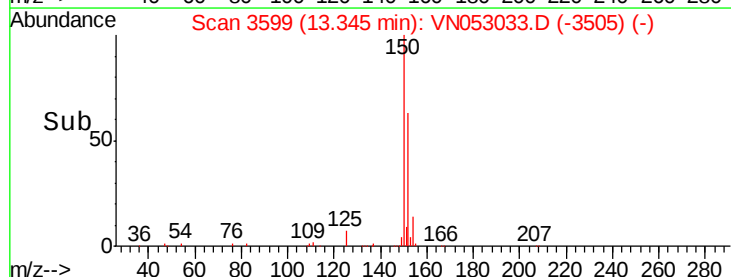
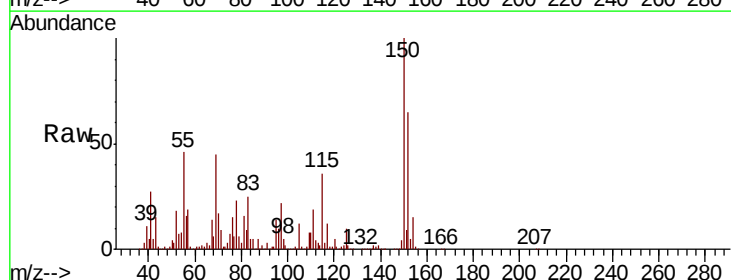
Manual Integrations
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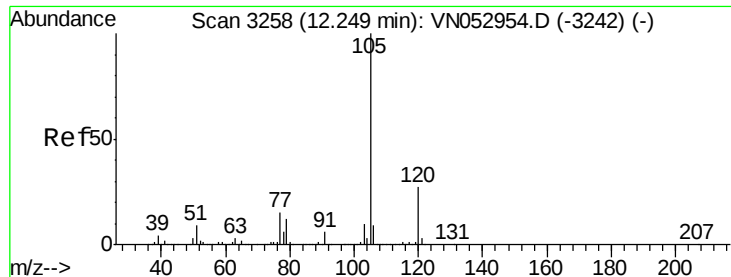
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

Tgt Ion:152 Resp: 834661
Ion Ratio Lower Upper
152 100
115 51.9 28.3 85.0
150 143.0 0.0 347.8





#73

Isopropylbenzene

Concen: 24.406 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053033.D

Acq: 20 Dec 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

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

Tot Ion:105 Resp: 1593840

Ion Ratio Lower Upper

105 100

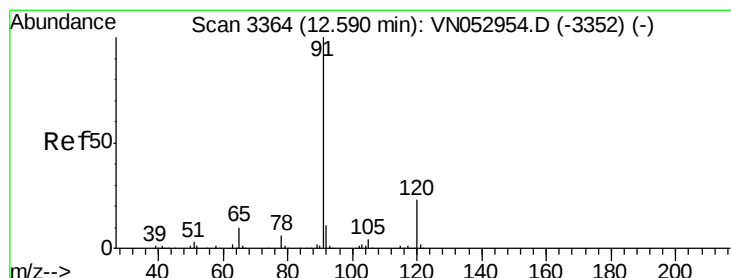
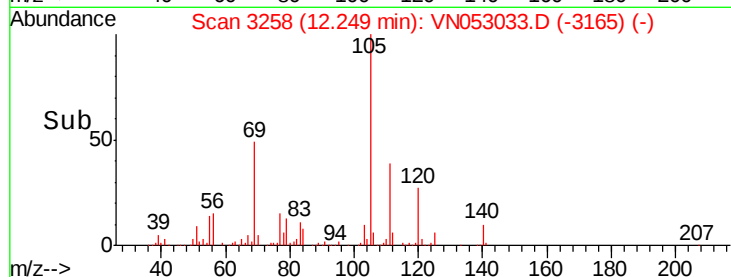
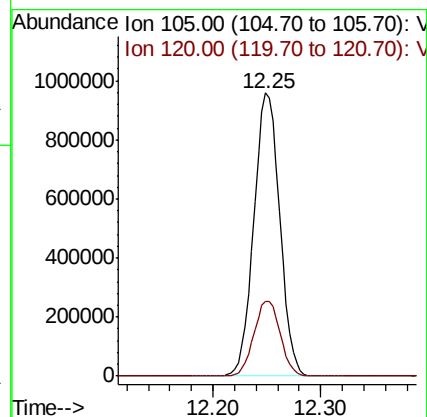
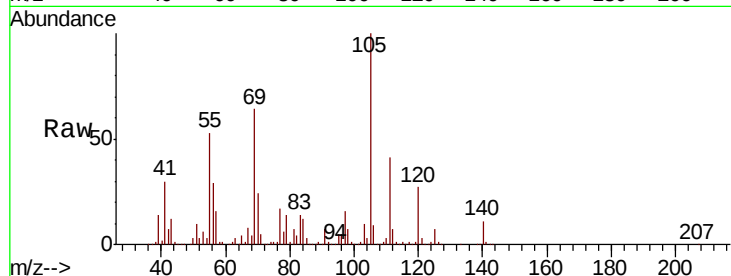
120 27.0 13.3 39.9

Manual Integrations

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#78

n-propylbenzene

Concen: 59.788 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053033.D

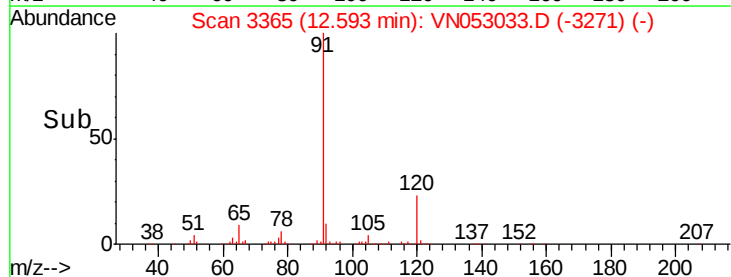
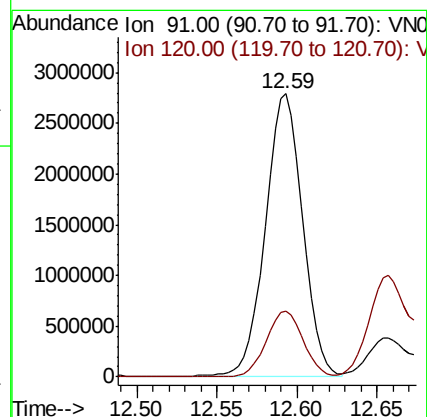
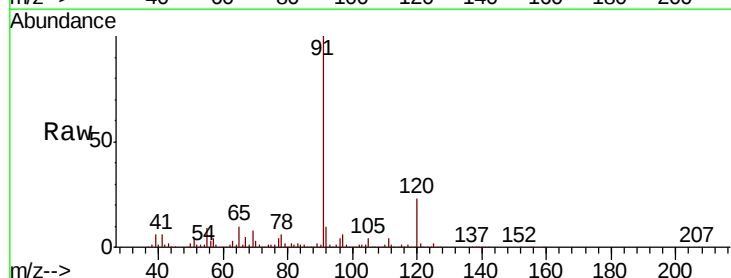
Acq: 20 Dec 2018 1:56

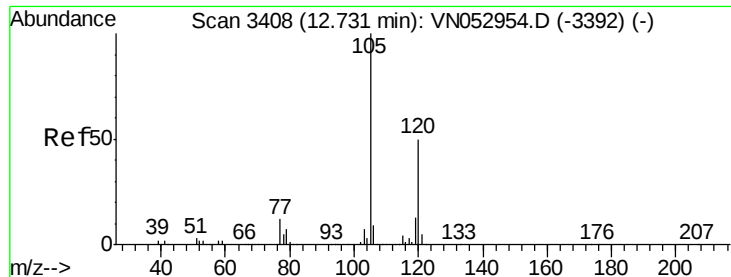
Tgt Ion: 91 Resp: 4446830

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5





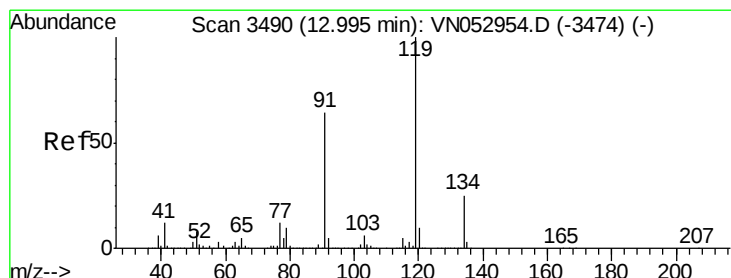
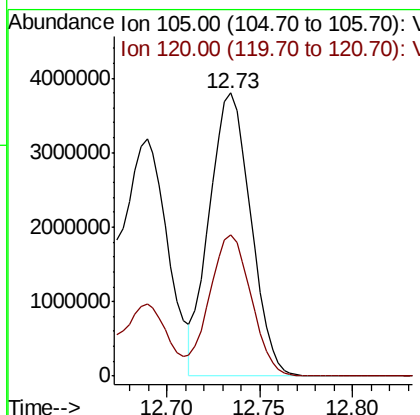
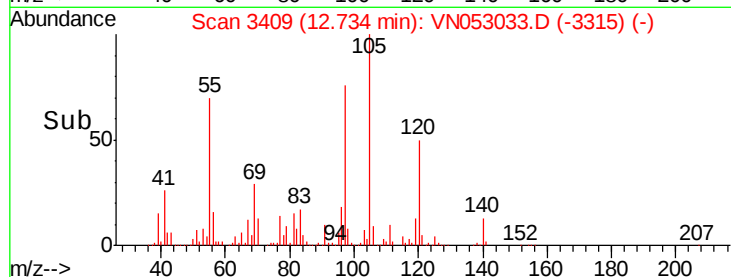
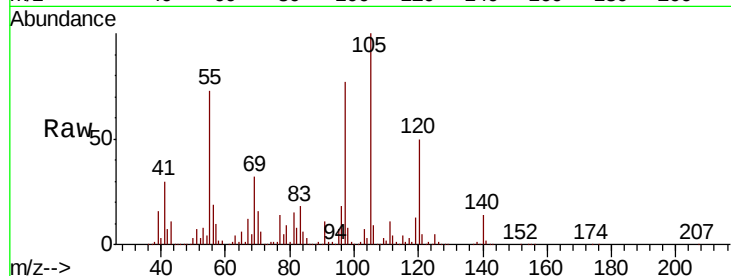
#80
1,3,5-Trimethylbenzene
Concen: 110.666 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

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

Tot Ion:105 Resp: 5890651
Ion Ratio Lower Upper
105 100
120 50.7 24.4 73.2

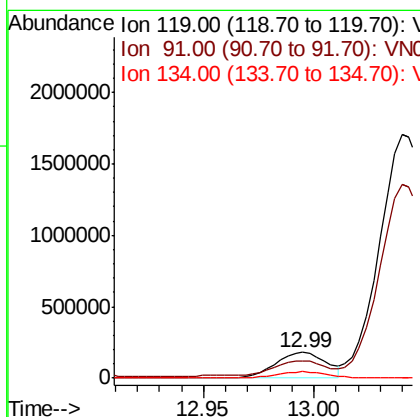
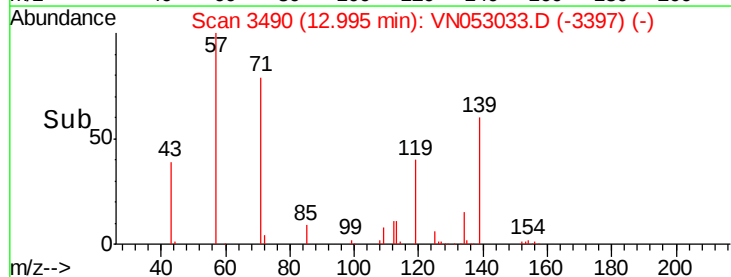
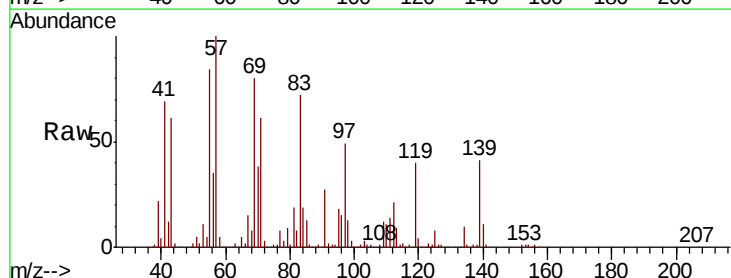
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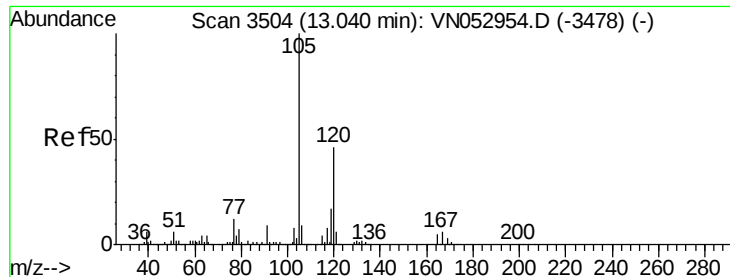
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#83
tert-Butylbenzene
Concen: 6.080 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

Tgt Ion:119 Resp: 286211
Ion Ratio Lower Upper
119 100
91 71.9 31.9 95.5
134 25.0 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 328.364 ug/l m

RT: 13.03 min Scan# 3502

Delta R.T. -0.01 min

Lab File: VN053033.D

Acq: 20 Dec 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

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

Tot Ion:105 Resp:17570851

Ion Ratio Lower Upper

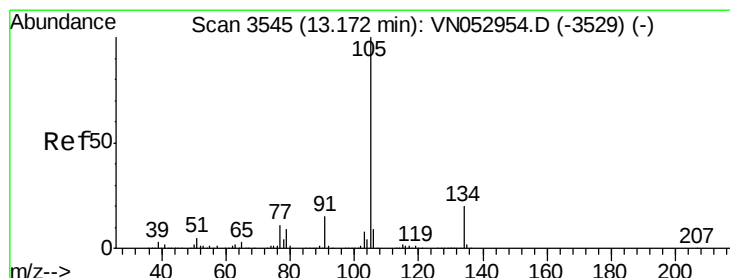
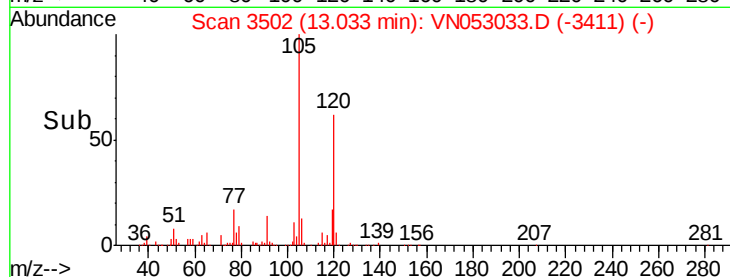
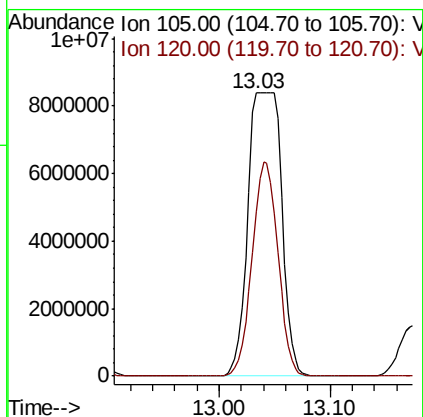
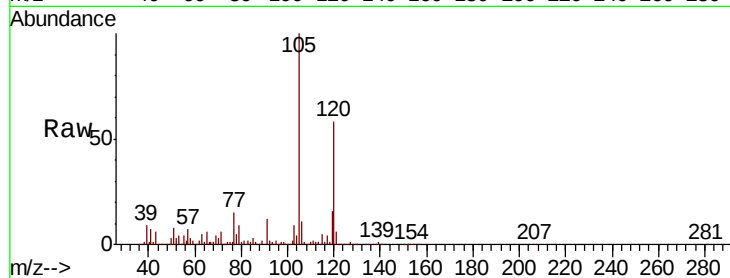
105 100

120 0.0 22.9 68.8#

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#85

sec-Butylbenzene

Concen: 36.870 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053033.D

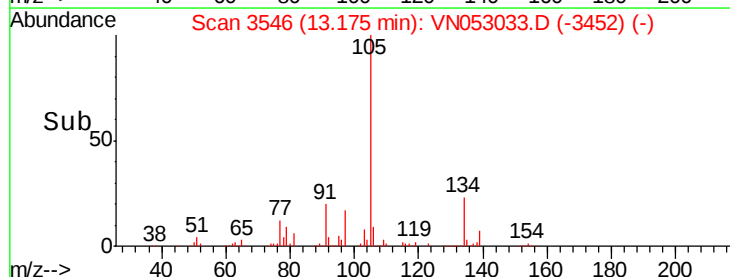
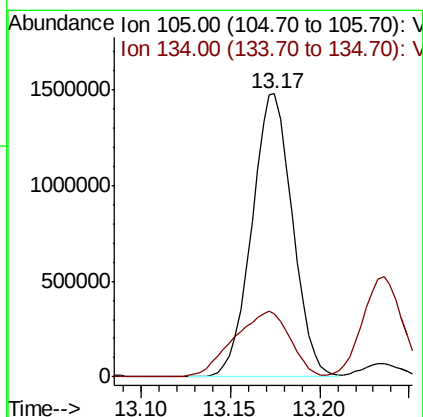
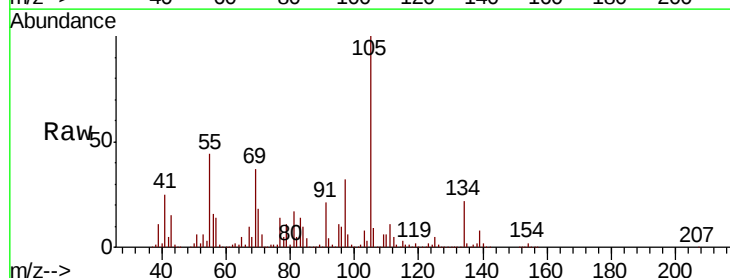
Acq: 20 Dec 2018 1:56

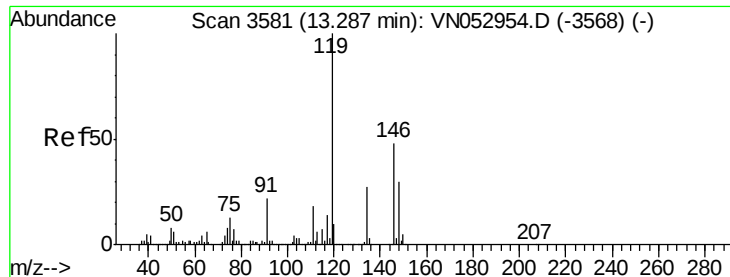
Tgt Ion:105 Resp: 2347725

Ion Ratio Lower Upper

105 100

134 32.3 10.1 30.3#





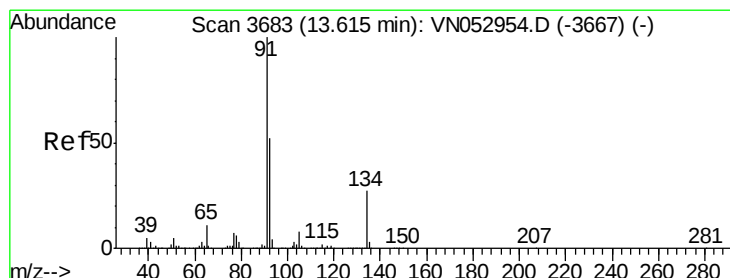
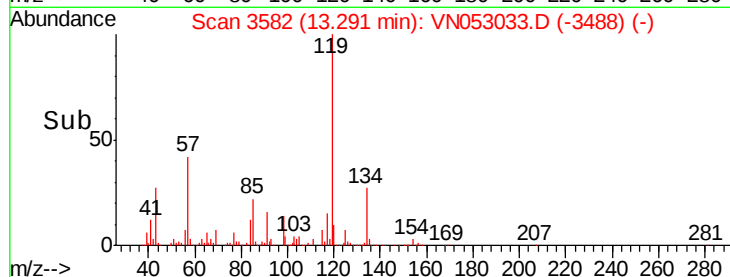
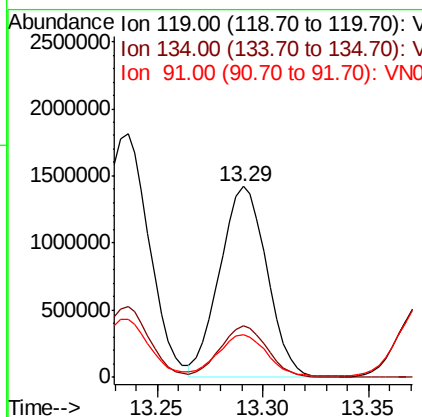
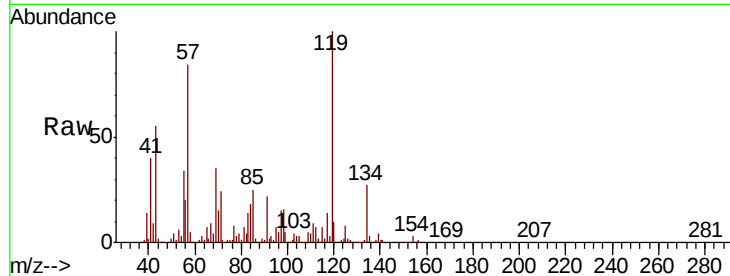
#86
p-Isopropyltoluene
Concen: 39.876 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	22.1	11.1	33.3

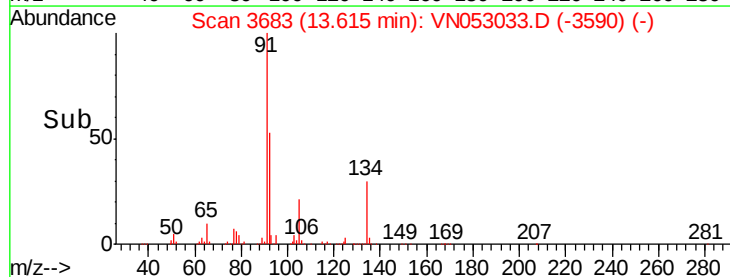
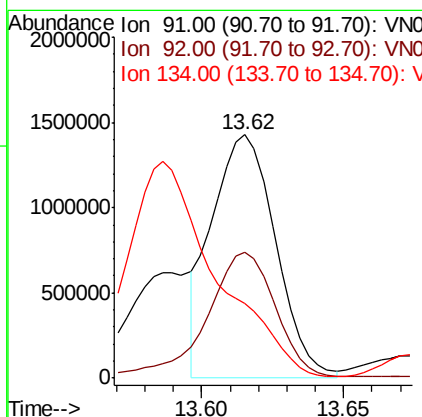
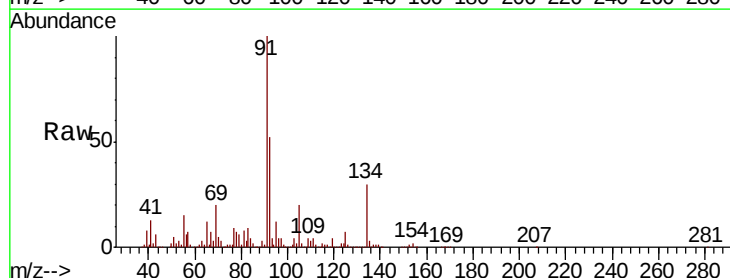
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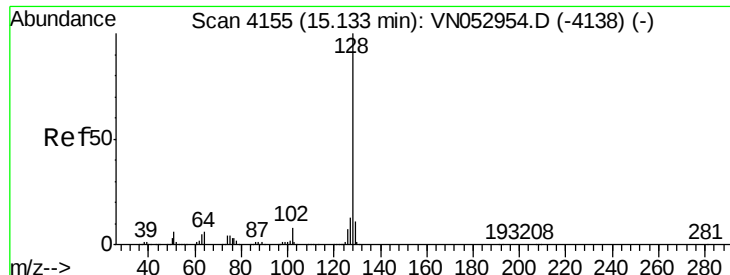
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#89
n-Butylbenzene
Concen: 47.401 ug/l m
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.3	78.9
134	0.0	13.3	39.8#





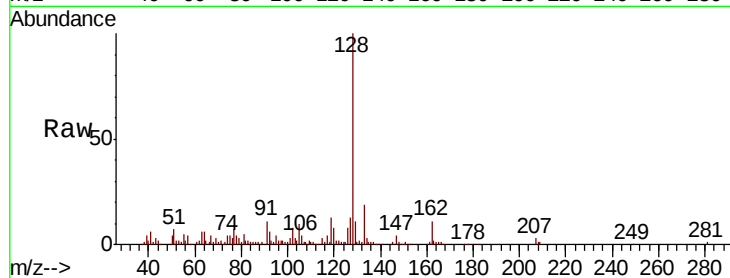
#95
Naphthalene
Concen: 4.775 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053033.D
Acq: 20 Dec 2018 1:56

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

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.9	10.2	15.4
129	9.3	8.6	13.0

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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

