

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052858.D
 Acq On : 13 Dec 2018 12:27
 Operator : MD\SY
 Sample : J6319-02
 Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2

Manual Integrations
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MMDadoda
 12/14/2018 9:02:21 AM

Quant Time: Dec 14 08:59:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1149137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1721502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1499909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	792901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	549441	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	7.59	113	442862	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.09	98	2770773	66.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.00%	
62) 4-Bromofluorobenzene	12.40	95	938406	66.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.94%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	1682473	81.625	ug/l #	77
39) Methylcyclohexane	9.08	83	9617750	494.384	ug/l	98
40) Benzene	8.04	78	79972	1.681	ug/l	94
73) Isopropylbenzene	12.25	105	1592820	26.905	ug/l	99
78) n-propylbenzene	12.59	91	3597823	53.287	ug/l	99
83) tert-Butylbenzene	12.99	119	72165	1.712	ug/l	73
84) 1,2,4-Trimethylbenzene	13.04	105	33943	0.702	ug/l	94
85) sec-Butylbenzene	13.17	105	878590	15.389	ug/l #	59
86) p-Isopropyltoluene	13.29	119	55035m	1.113	ug/l	
89) n-Butylbenzene	13.62	91	1504201	36.124	ug/l #	80

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

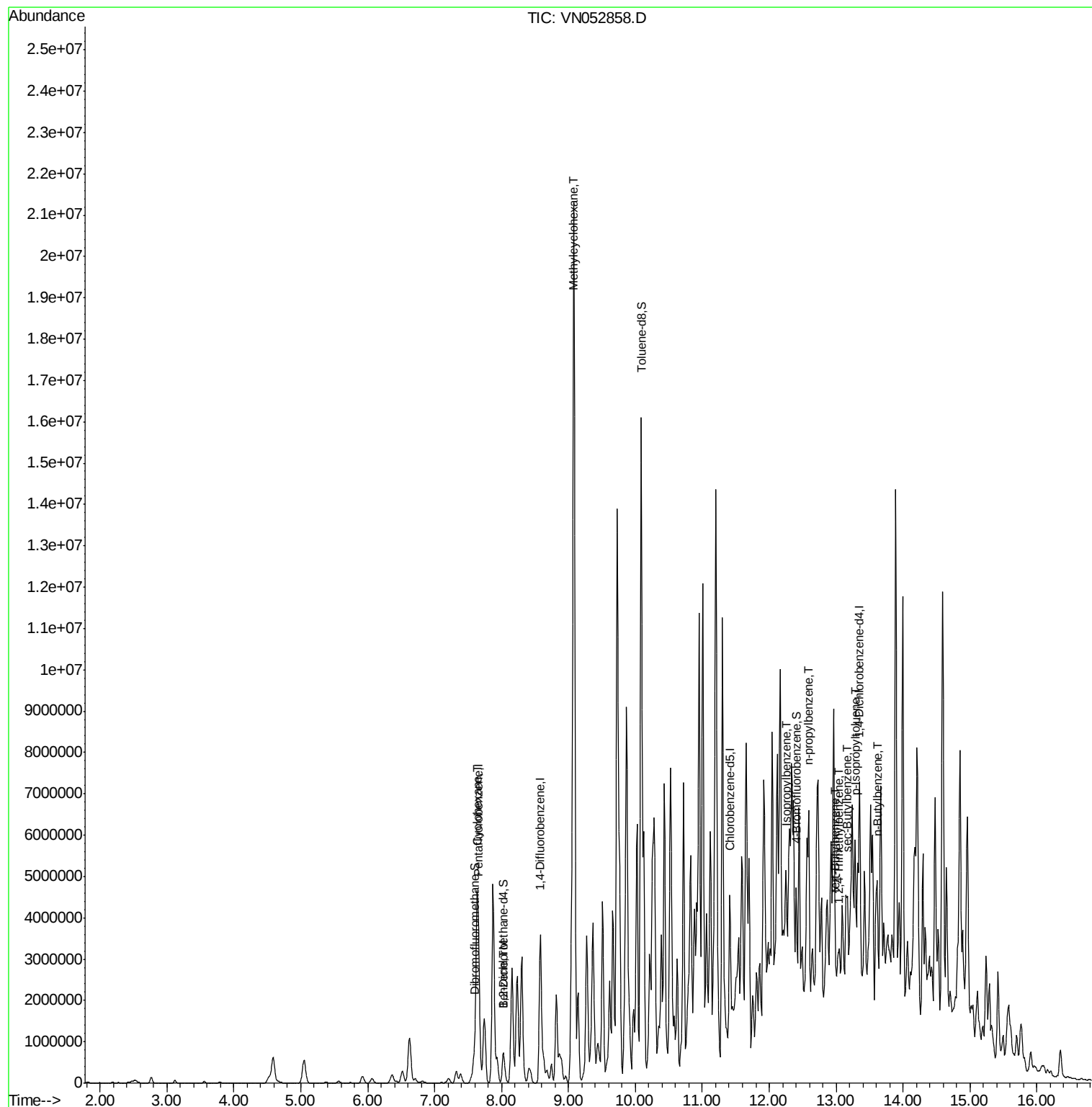
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052858.D
Acq On : 13 Dec 2018 12:27
Operator : MD\SY
Sample : J6319-02
Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 28

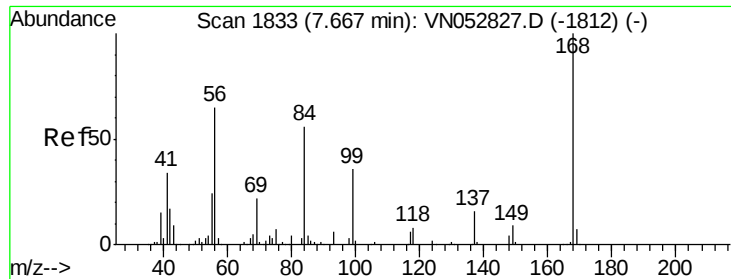
Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2

Manual Integrations
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12/14/2018 9:02:21 AM

Quant Time: Dec 14 08:59:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052858.D

Acq: 13 Dec 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

056_BT-1-2

Tot Ion:168 Resp: 1149137

Ion Ratio Lower Upper

168 100

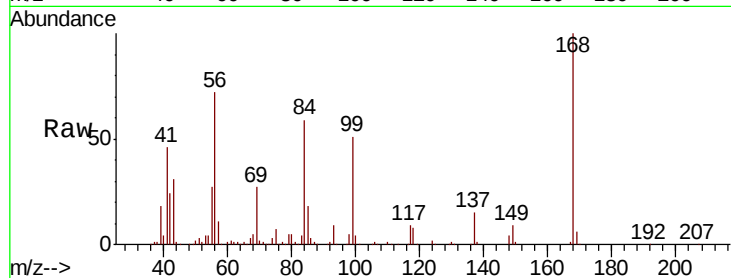
99 50.5 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.66

500000

400000

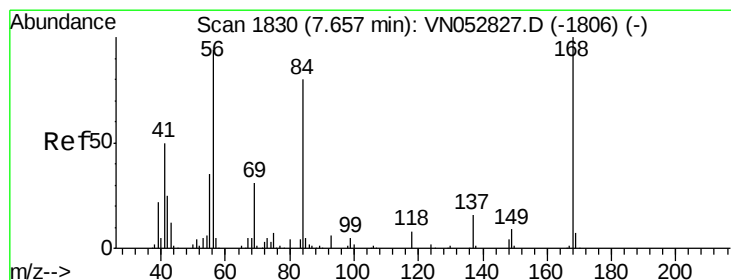
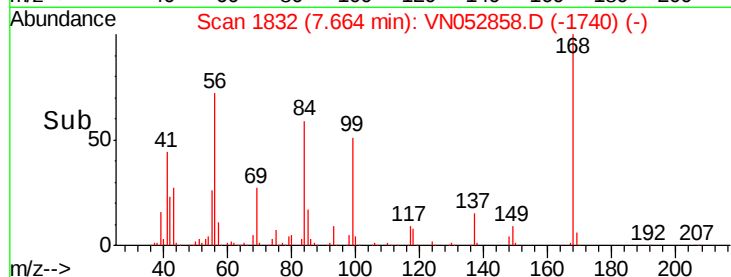
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#31

Cyclohexane

Concen: 81.625 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.02 min

Lab File: VN052858.D

Acq: 13 Dec 2018 12:27

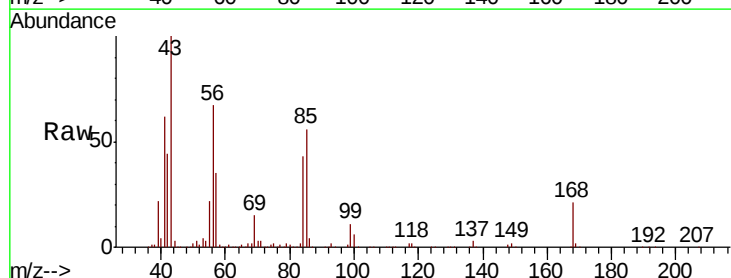
Tgt Ion: 56 Resp: 1682473

Ion Ratio Lower Upper

56 100

69 19.8 26.6 39.8#

84 64.2 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN052858.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN052858.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN052858.D (-1737) (-)

7.64

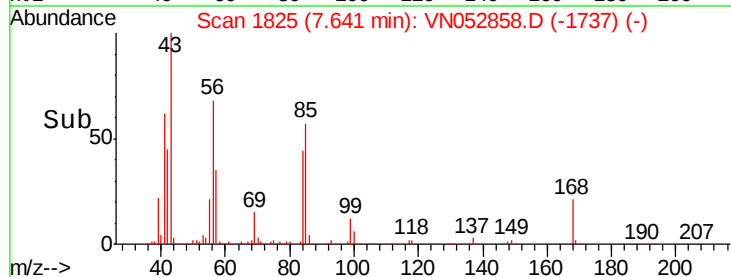
600000

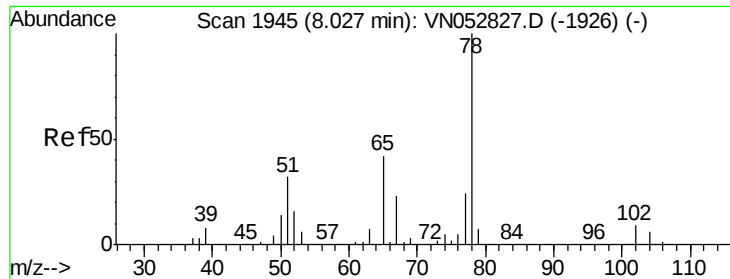
400000

200000

0

Time--> 7.55 7.60 7.65 7.70





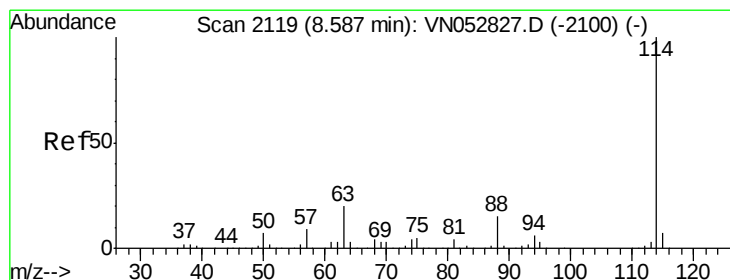
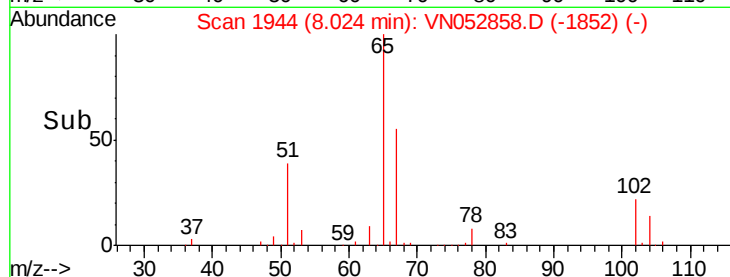
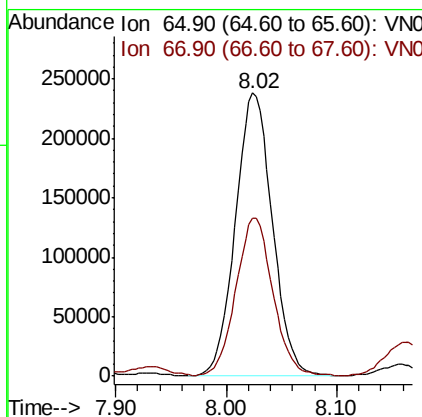
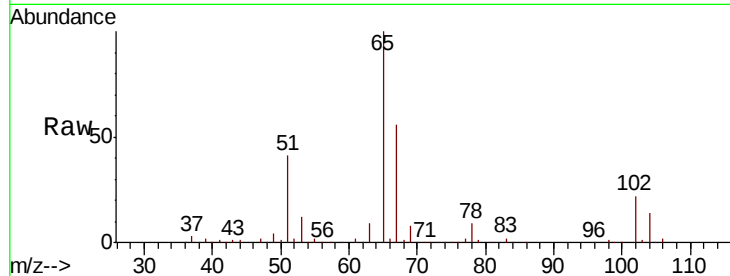
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN052858.D
 Acq: 13 Dec 2018 12:27

Instrument :
 MSVOA_N
 ClientSampled :
 056_BT-1-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	549441		
67	55.4	0.0	110.4	

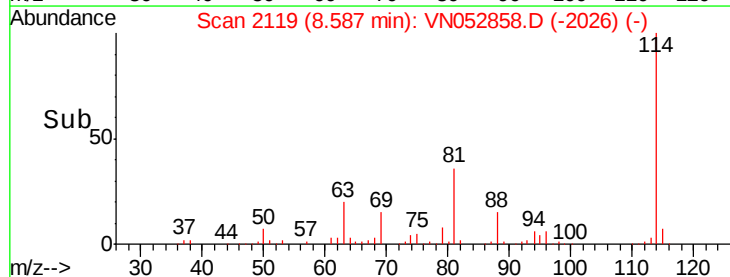
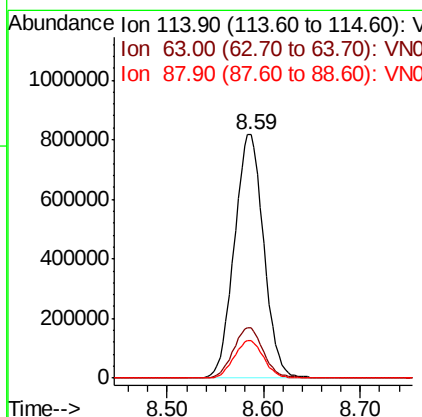
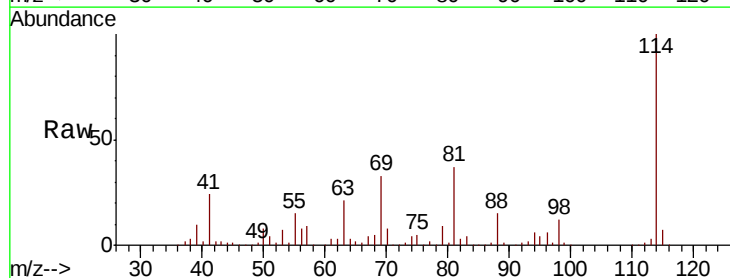
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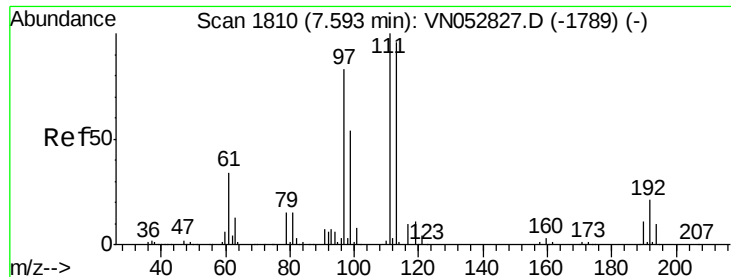
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052858.D
 Acq: 13 Dec 2018 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1721502		
63	20.6	0.0	39.8	
88	15.4	0.0	31.0	





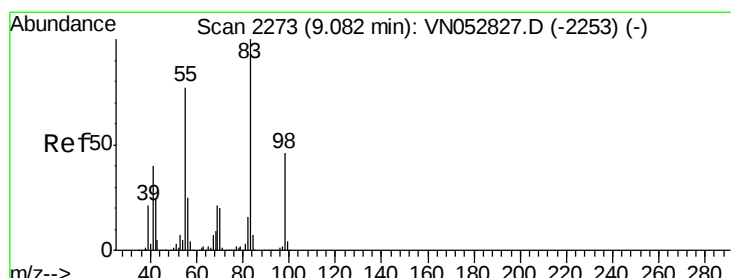
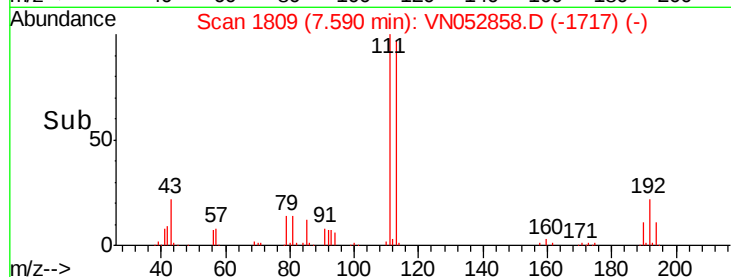
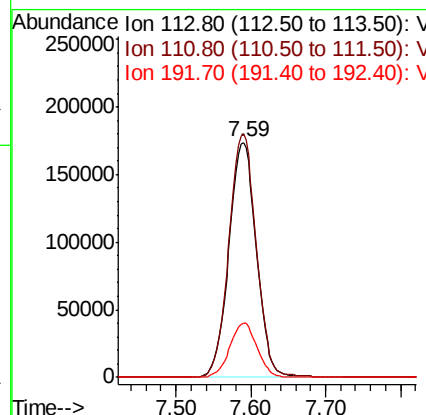
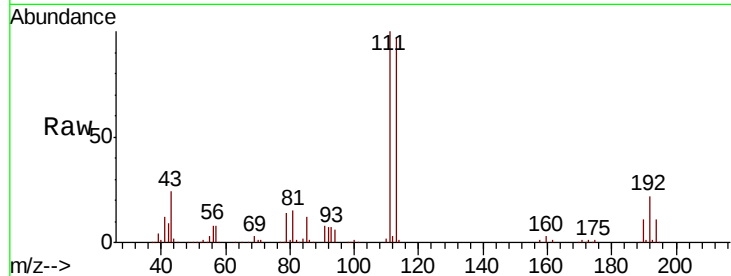
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Resp	Lower	Upper
113	100	442862		
111	103.0	83.0	124.4	
192	22.9	17.5	26.3	

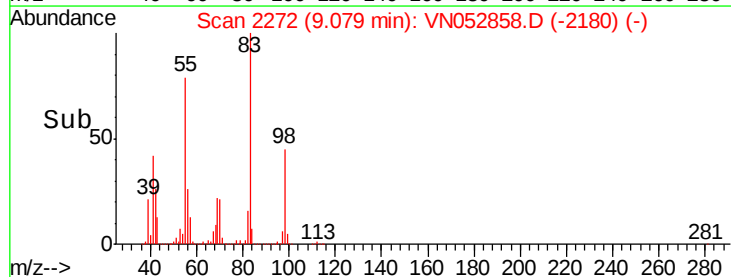
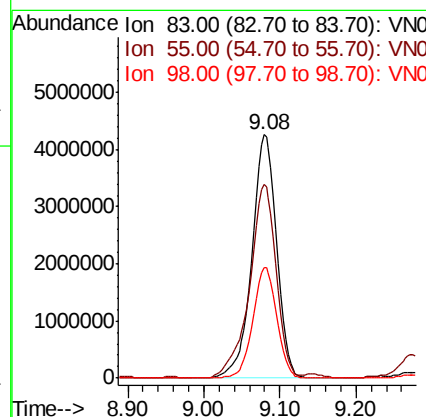
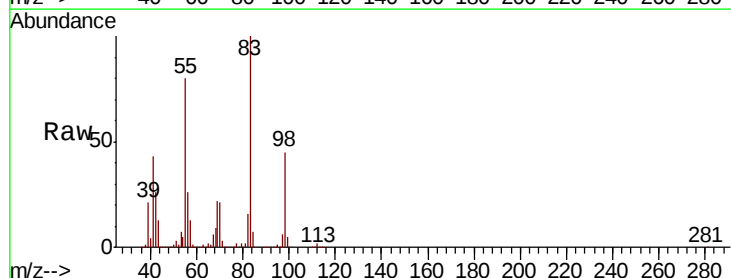
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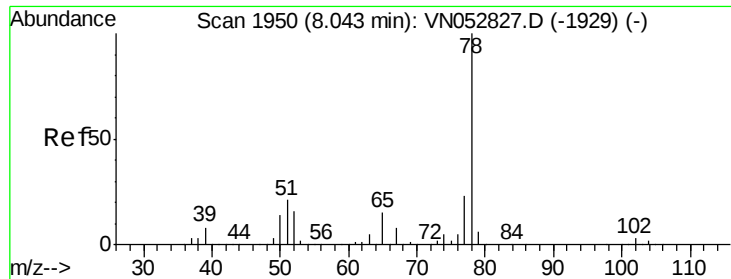
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#39
Methylcyclohexane
Concen: 494.384 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	9617750		
55	79.4	61.3	91.9	
98	45.4	37.0	55.4	





#40

Benzene

Concen: 1.681 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN052858.D

Acq: 13 Dec 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

056_BT-1-2

Tot Ion: 78 Resp: 79972

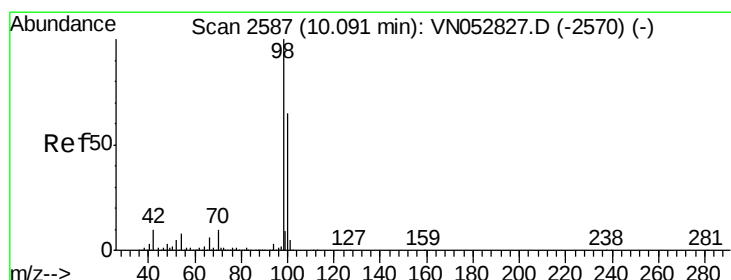
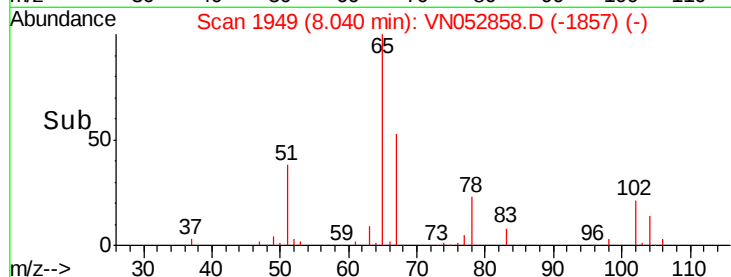
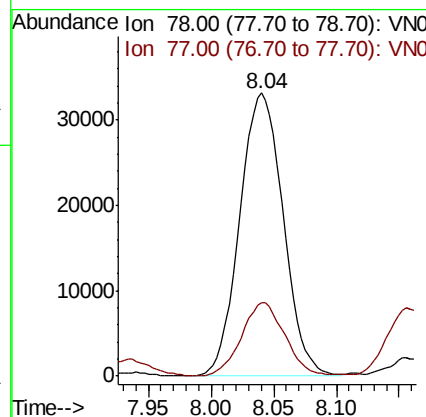
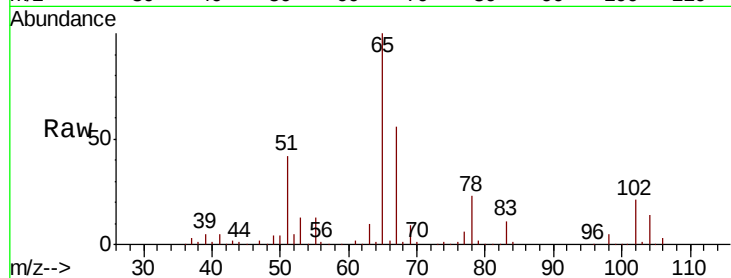
Ion Ratio Lower Upper

78 100

77 26.2 18.5 27.7

Manual Integrations
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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: VN052858.D

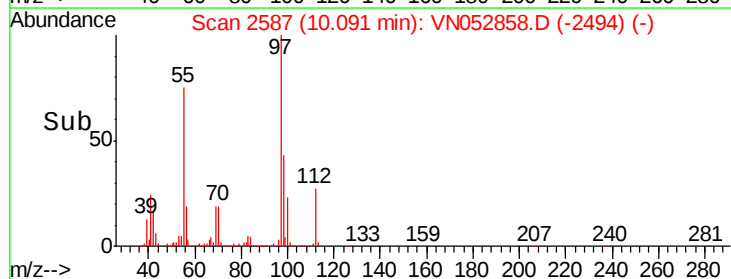
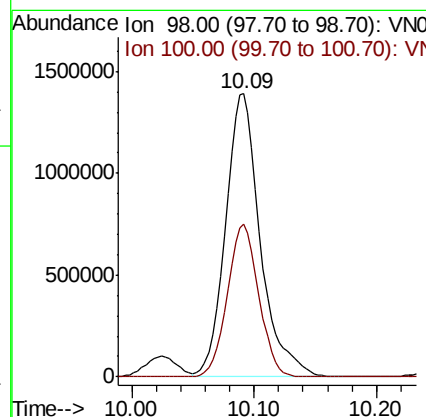
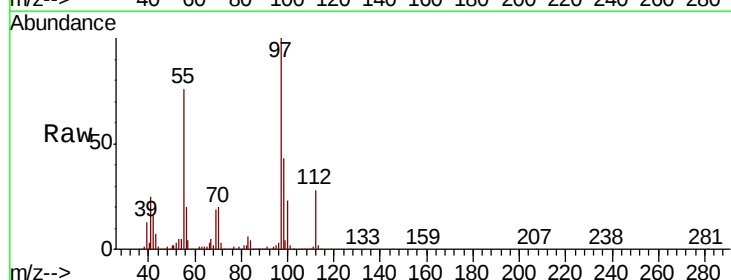
Acq: 13 Dec 2018 12:27

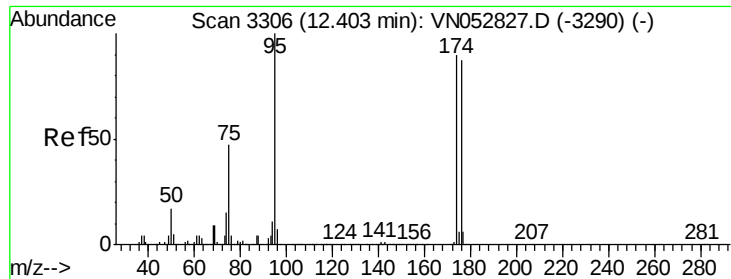
Tgt Ion: 98 Resp: 2770773

Ion Ratio Lower Upper

98 100

100 48.6 51.6 77.4#





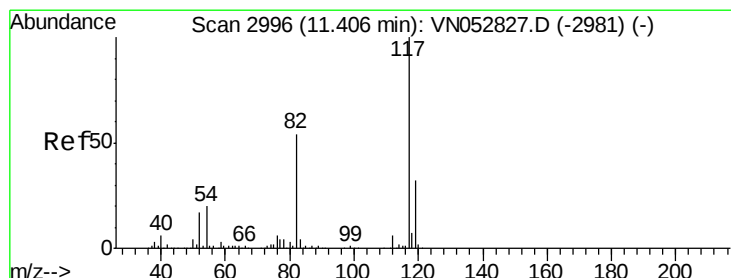
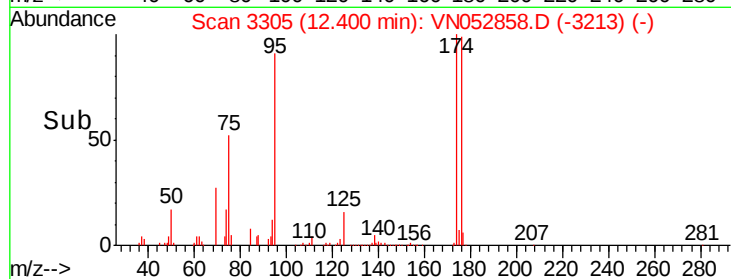
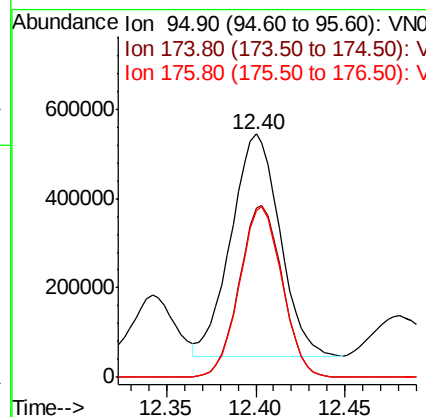
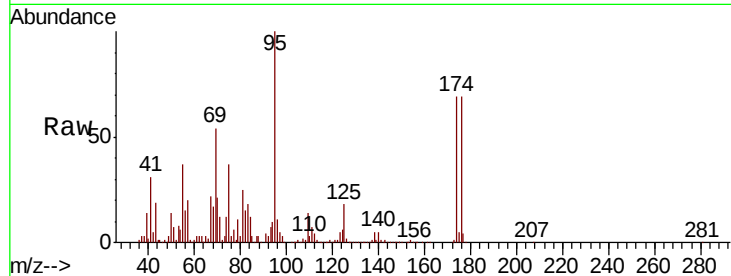
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	938406		
174	68.9	0.0	178.8	
176	67.7	0.0	173.8	

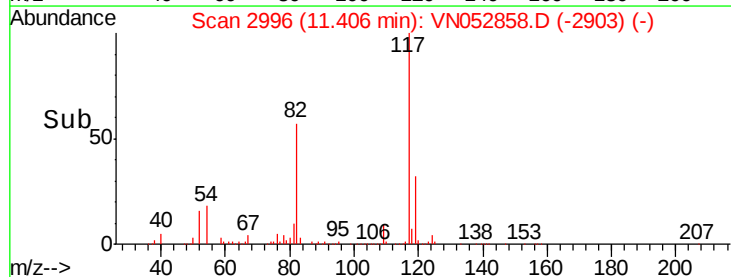
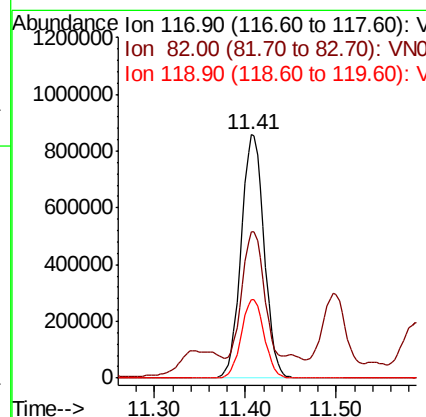
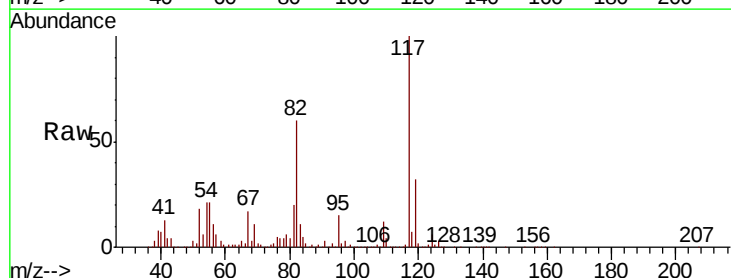
Manual Integrations
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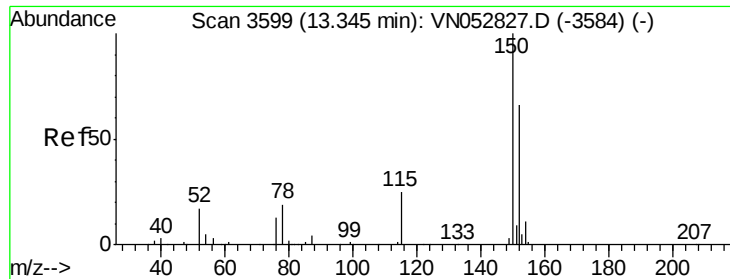
MMDadoda
12/14/2018 9:02:21 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1499909		
82	48.8	42.8	64.2	
119	32.3	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052858.D

Acq: 13 Dec 2018 12:27

Instrument :

MSVOA_N

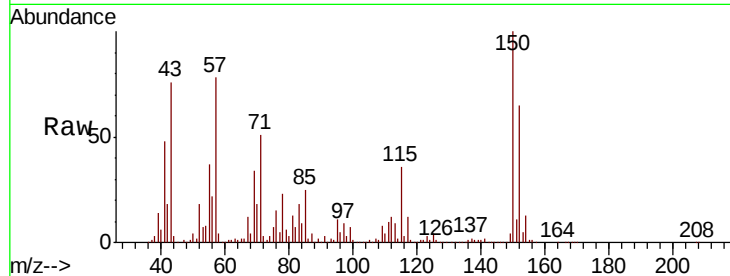
ClientSampleId :

056_BT-1-2

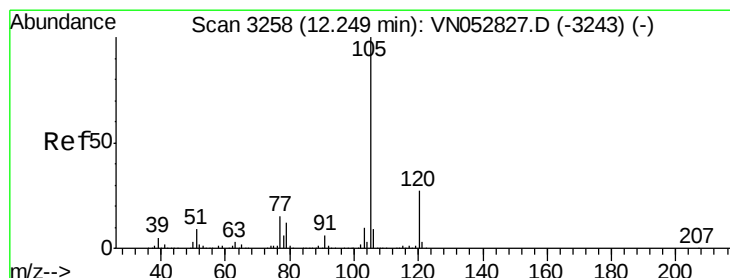
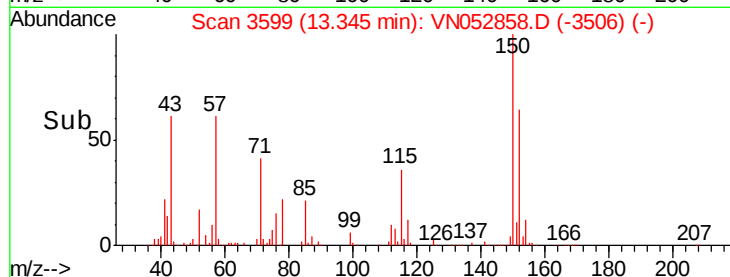
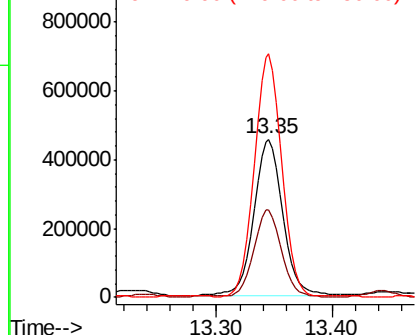
Tot Ion:	152	Resp:	792901
Ion Ratio	Lower	Upper	
152	100		
115	52.6	28.3	85.0
150	146.1	0.0	347.8

Manual Integrations
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12/14/2018 9:02:21 AM



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: 26.905 ug/l

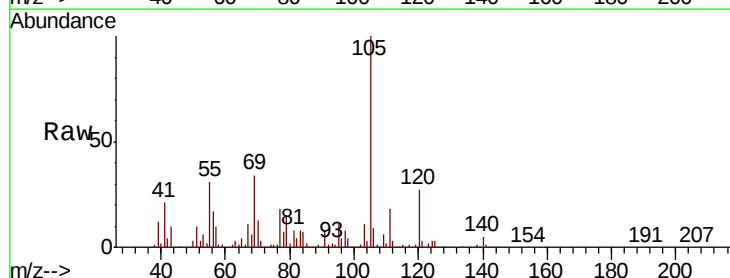
RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

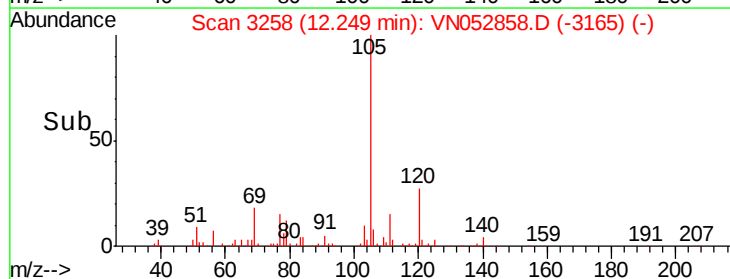
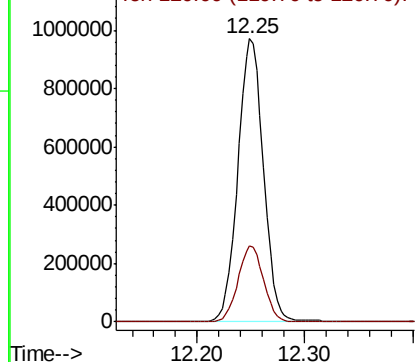
Lab File: VN052858.D

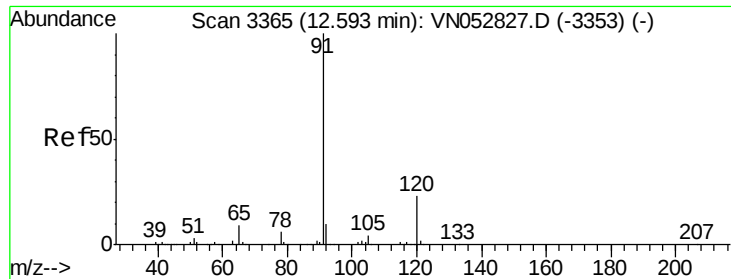
Acq: 13 Dec 2018 12:27

Tgt Ion:	105	Resp:	1592820
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.3	39.9



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





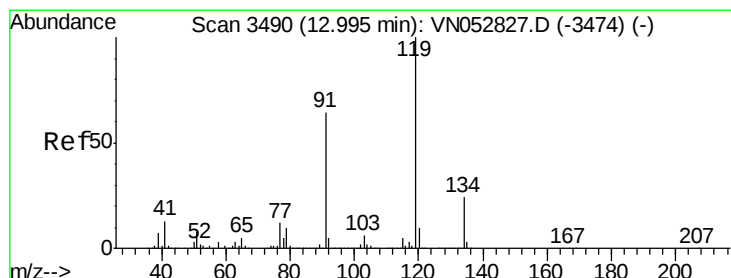
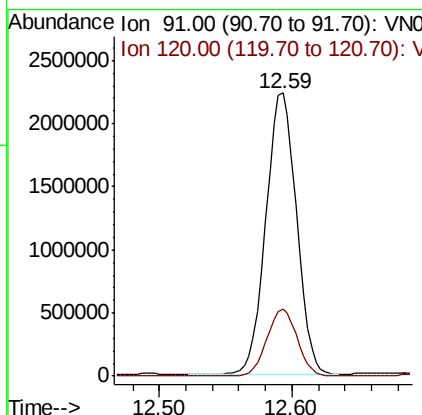
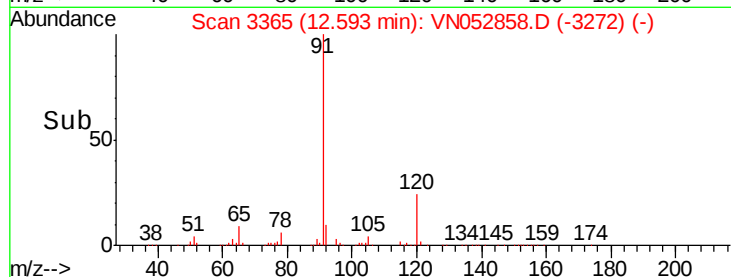
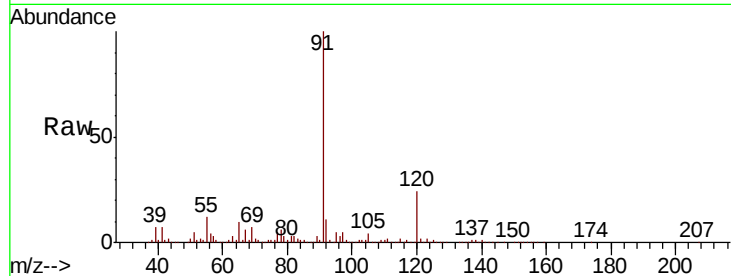
#78
n-propylbenzene
Concen: 53.287 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2

Tot Ion: 91 Resp: 3597823
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

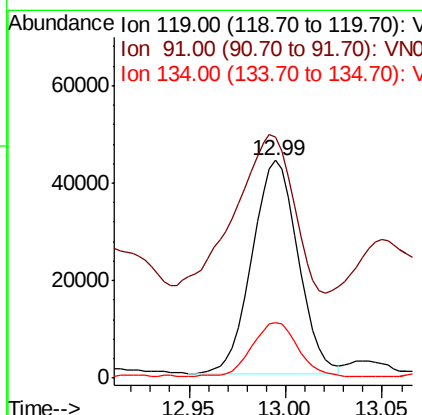
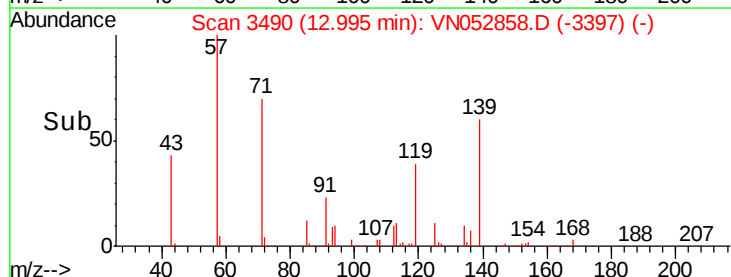
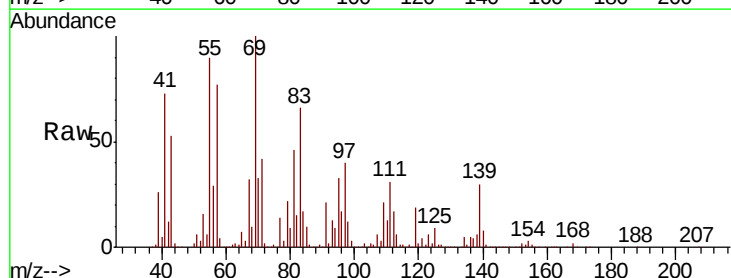
Manual Integrations
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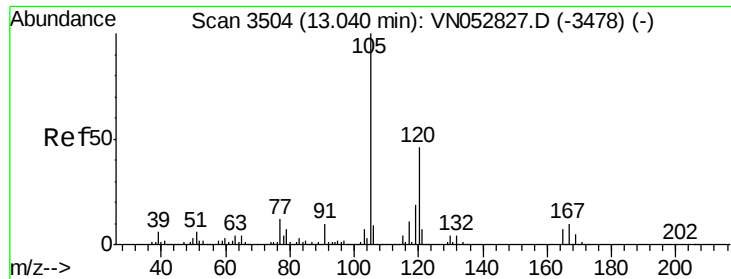
MMDadoda
12/14/2018 9:02:21 AM



#83
tert-Butylbenzene
Concen: 1.712 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Tgt Ion: 119 Resp: 72165
Ion Ratio Lower Upper
119 100
91 93.5 31.9 95.5
134 25.2 12.8 38.4





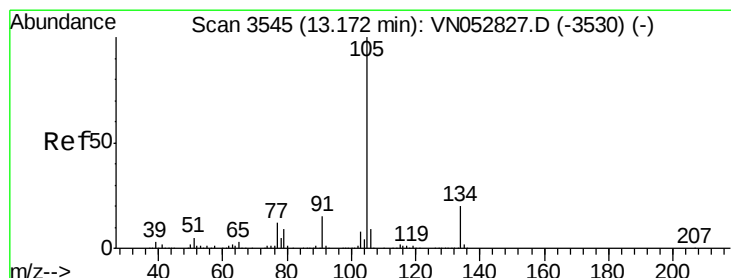
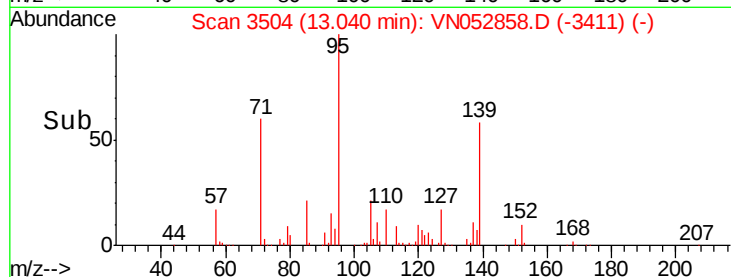
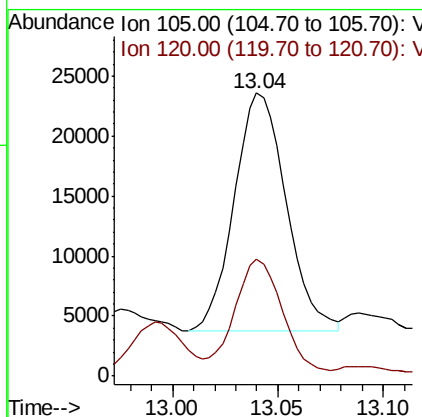
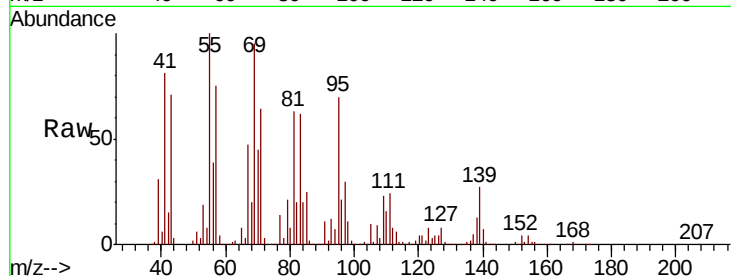
#84
 1,2,4-Trimethylbenzene
 Concen: 0.702 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052858.D
 Acq: 13 Dec 2018 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 056_BT-1-2

Tot Ion:105 Resp: 33943
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.9 68.8

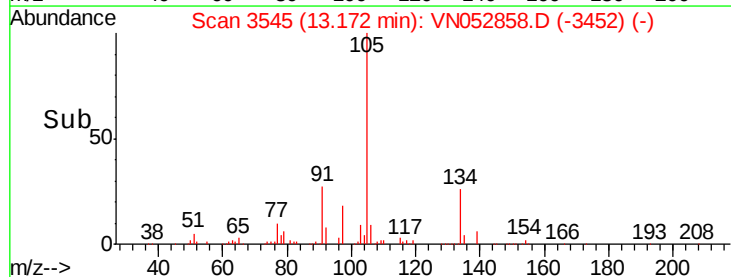
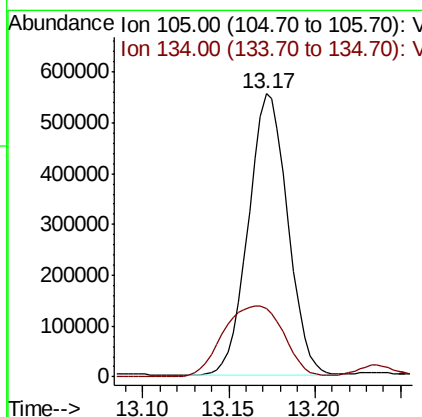
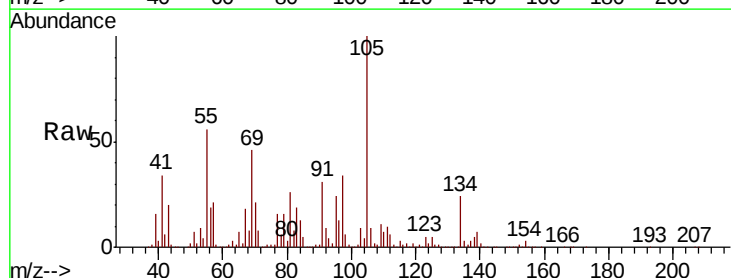
Manual Integrations
 APPROVED

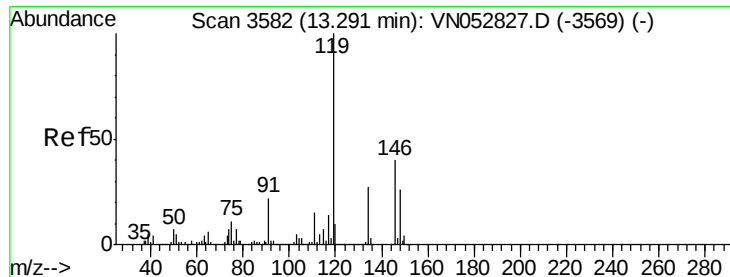
MMDadoda
 12/14/2018 9:02:21 AM



#85
 sec-Butylbenzene
 Concen: 15.389 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052858.D
 Acq: 13 Dec 2018 12:27

Tgt Ion:105 Resp: 878590
 Ion Ratio Lower Upper
 105 100
 134 39.0 10.1 30.3#





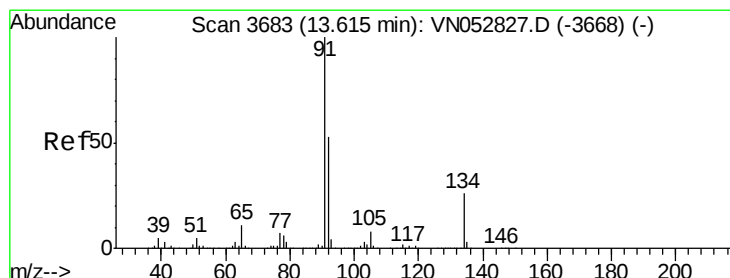
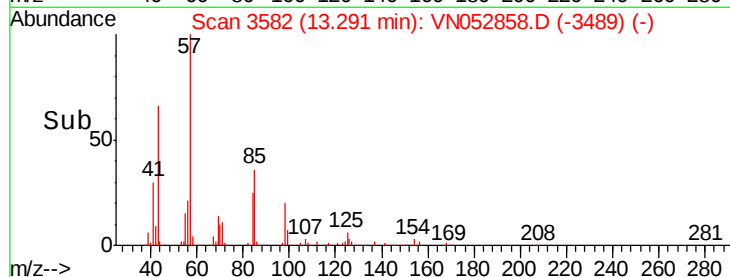
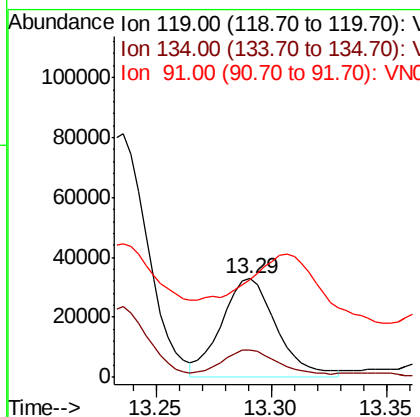
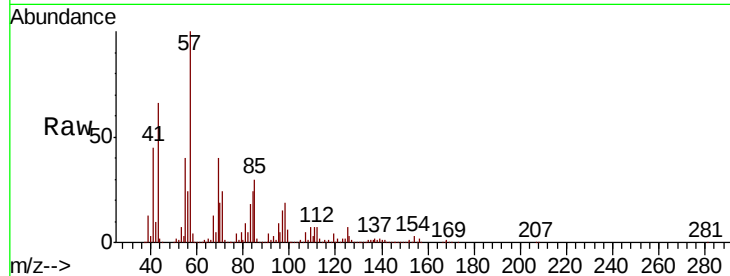
#86
p-Isopropyltoluene
Concen: 1.113 ug/l m
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	59.6	13.4	40.2#
91	56.3	11.1	33.3#

Manual Integrations
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12/14/2018 9:02:21 AM



#89
n-Butylbenzene
Concen: 36.124 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052858.D
Acq: 13 Dec 2018 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.1	26.3	78.9
134	47.3	13.3	39.8#

