

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053177.D
 Acq On : 24 Dec 2018 11:40
 Operator : MD\SY
 Sample : J6426-14MEDL 10X
 Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:53:40 AM

Quant Time: Dec 24 23:26:15 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	1180239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1827698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1733959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	791530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	592833	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.59	113	513505	61.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.02%	
50) Toluene-d8	10.09	98	2273924	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	836003	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	48978	2.298	ug/l	99
65) Chlorobenzene	11.43	112	161679	4.206	ug/l	100
68) m/p-Xylenes	11.62	106	357168	14.213	ug/l	100
73) Isopropylbenzene	12.25	105	125753	2.031	ug/l	100
78) n-propylbenzene	12.59	91	256502	3.637	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	193566	3.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1096956	21.617	ug/l	99
85) sec-Butylbenzene	13.17	105	41102	0.681	ug/l #	67
86) p-Isopropyltoluene	13.29	119	52955	1.015	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	20211m	0.709	ug/l	
88) 1,4-Dichlorobenzene	13.36	146	584289	20.250	ug/l	97
89) n-Butylbenzene	13.61	91	55618	1.239	ug/l #	77
95) Naphthalene	15.13	128	252231	9.066	ug/l	100

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

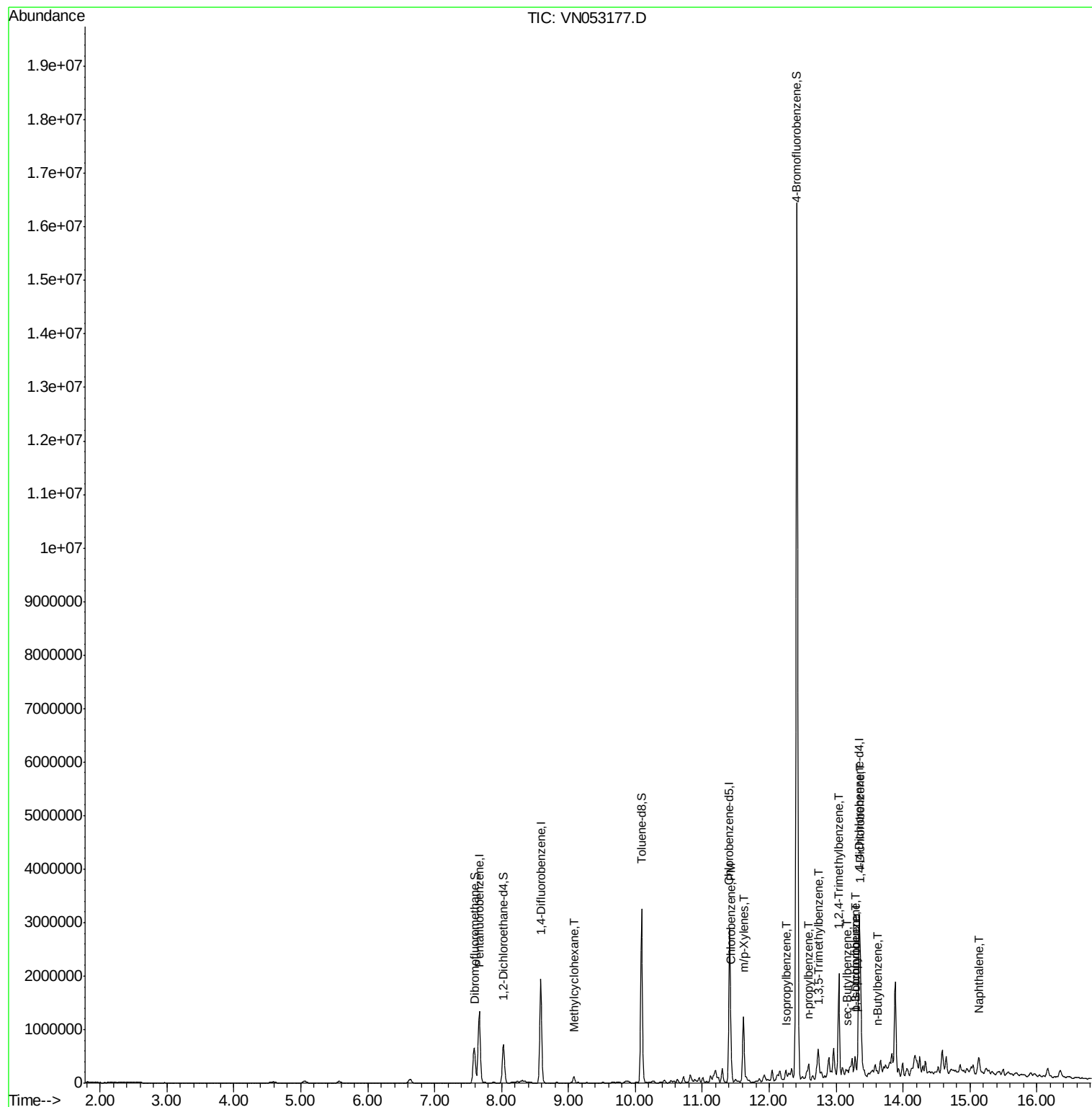
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122418\
Data File : VN053177.D
Acq On : 24 Dec 2018 11:40
Operator : MD\SY
Sample : J6426-14MEDL 10X
Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 28

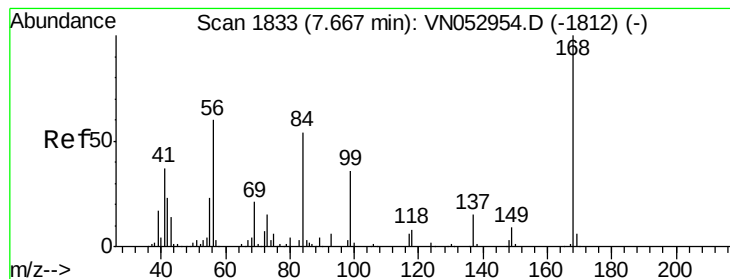
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Manual Integrations
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12/26/2018 10:53:40 AM

Quant Time: Dec 24 23:26:15 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: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

Tot Ion:168 Resp: 1180239

Ion Ratio Lower Upper

168 100

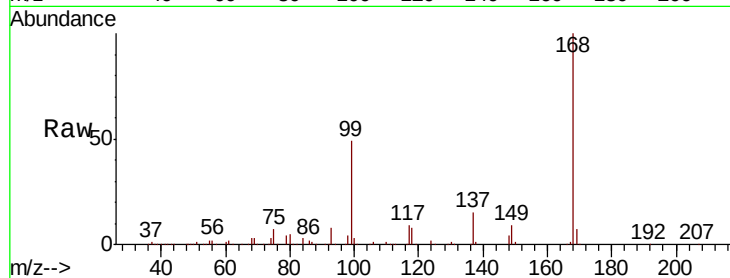
99 49.3 40.2 60.2

Manual Integrations

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12/26/2018 10:53:40 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

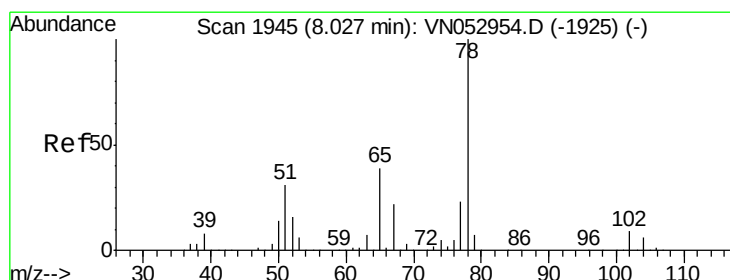
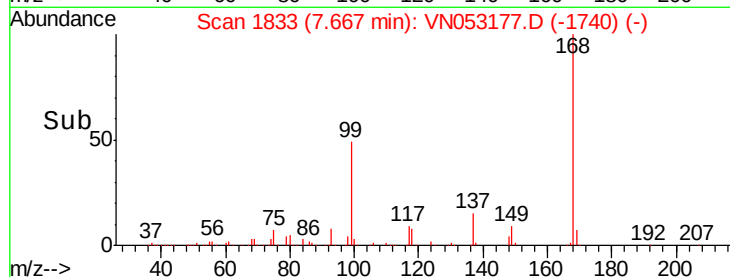
300000

200000

100000

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: VN053177.D

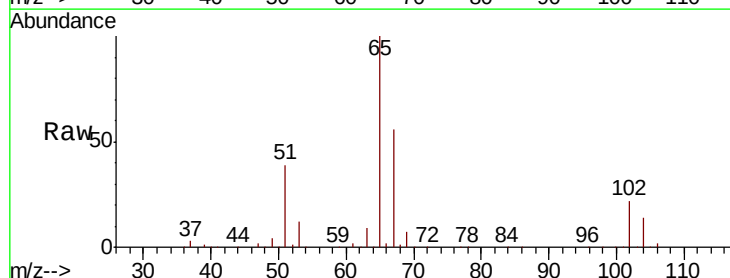
Acq: 24 Dec 2018 11:40

Tgt Ion: 65 Resp: 592833

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

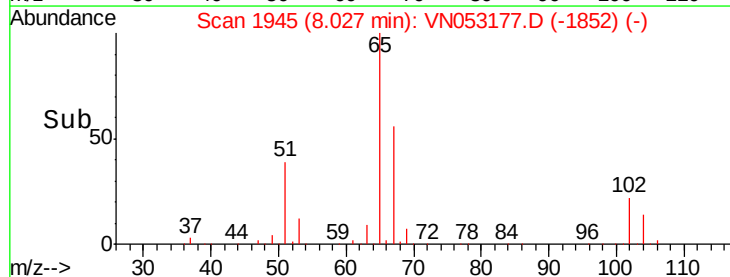
150000

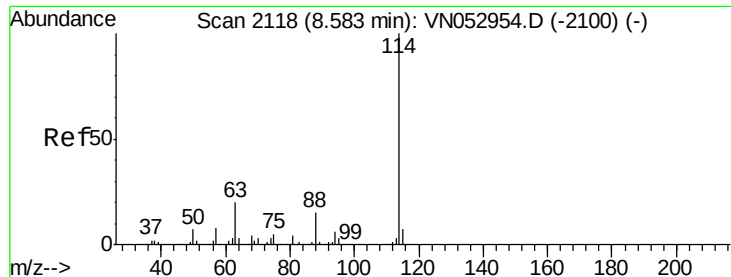
100000

50000

0

Time-->





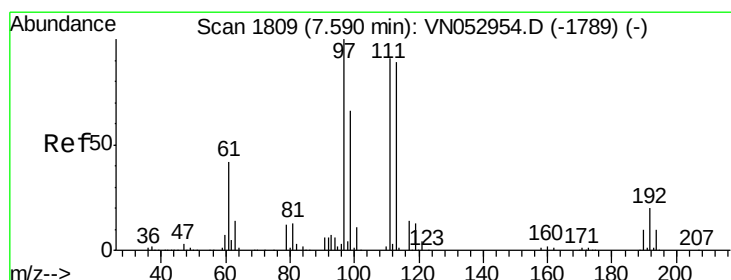
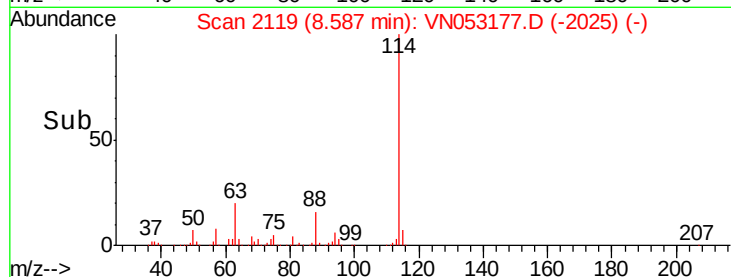
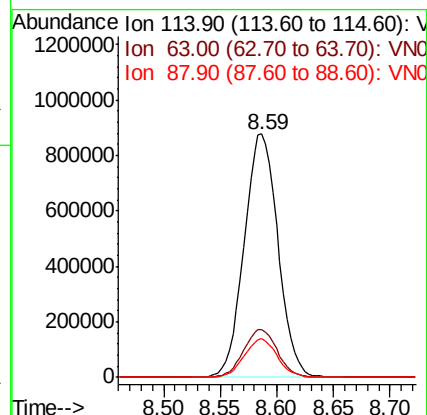
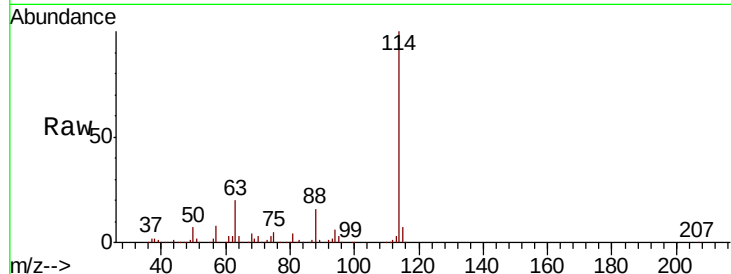
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.7	0.0	31.0

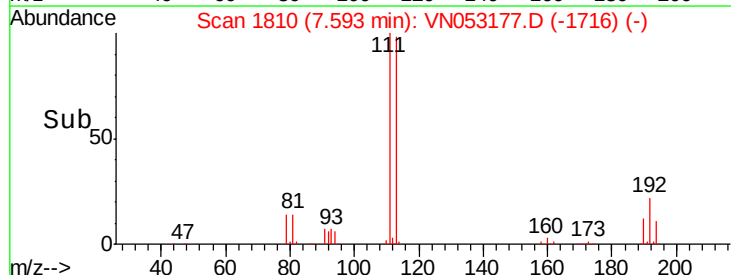
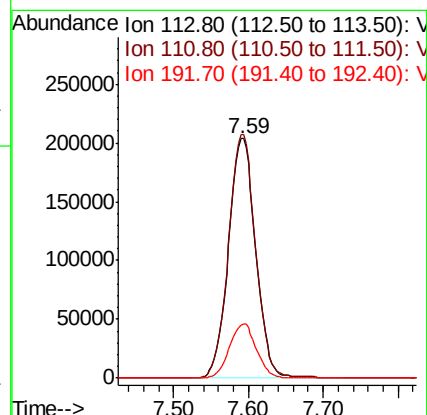
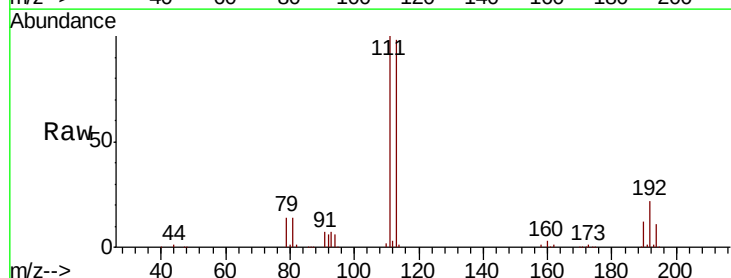
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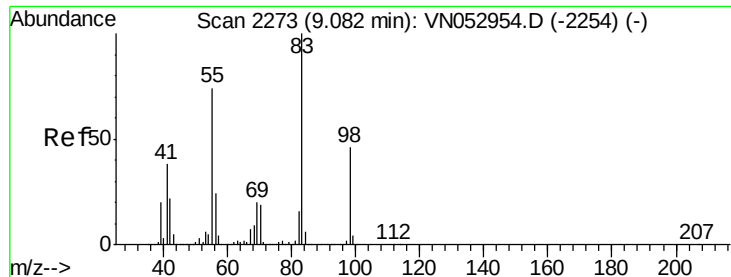
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12/26/2018 10:53:40 AM



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.0	124.4
192	22.4	17.5	26.3





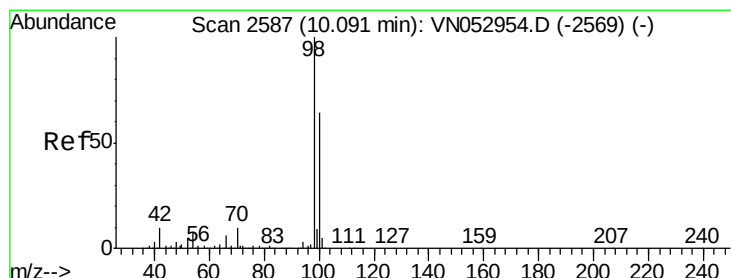
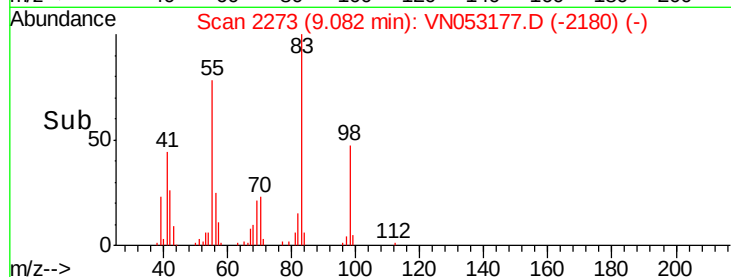
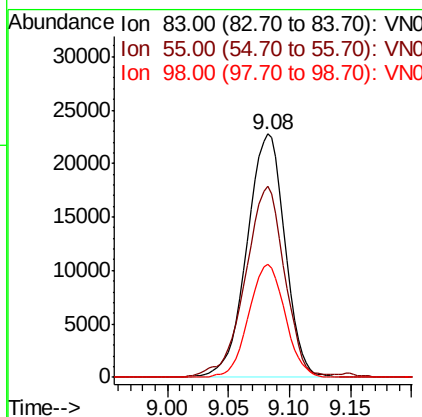
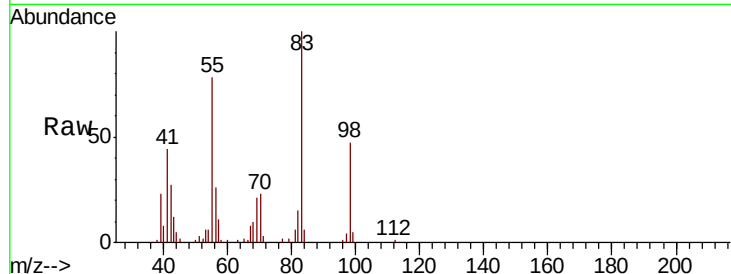
#39
Methylcyclohexane
Concen: 2.298 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.3	91.9
98	46.6	37.0	55.4

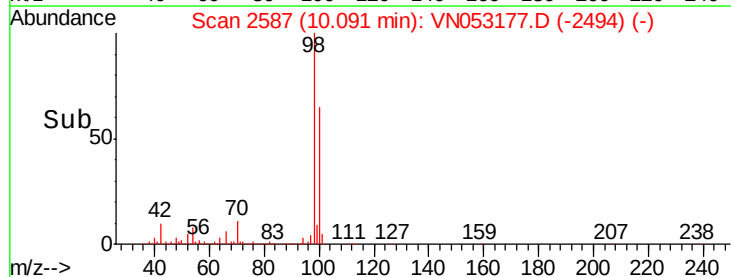
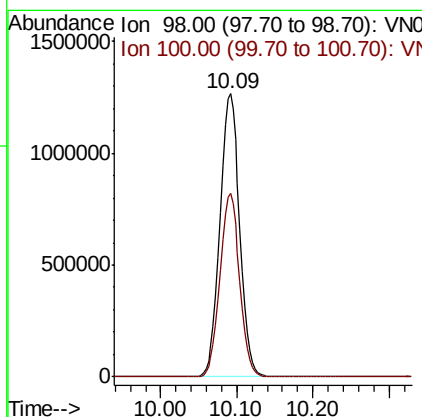
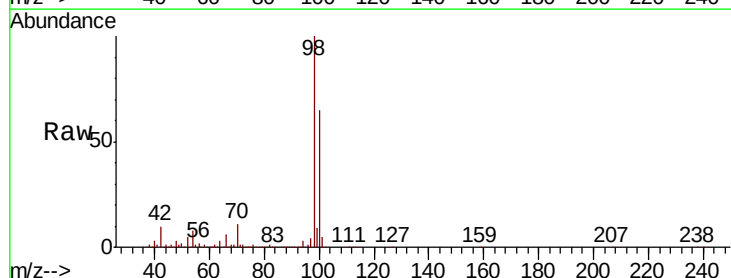
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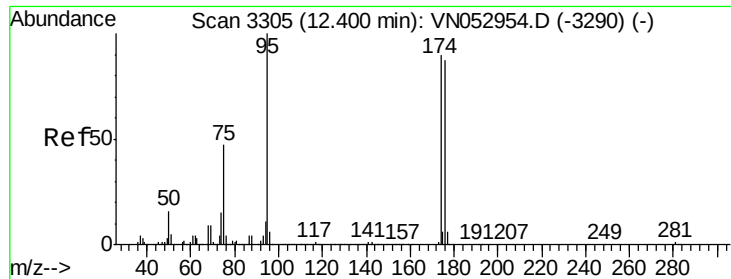
MMDadoda
12/26/2018 10:53:40 AM



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	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: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

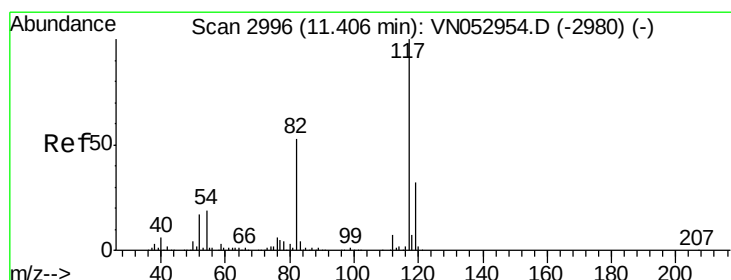
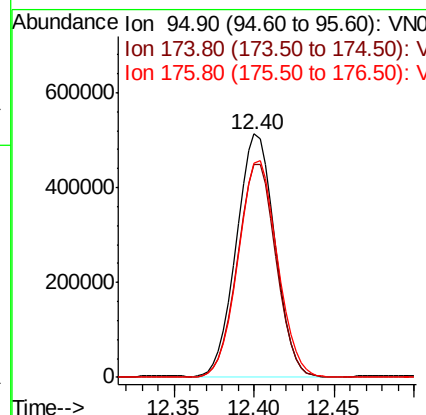
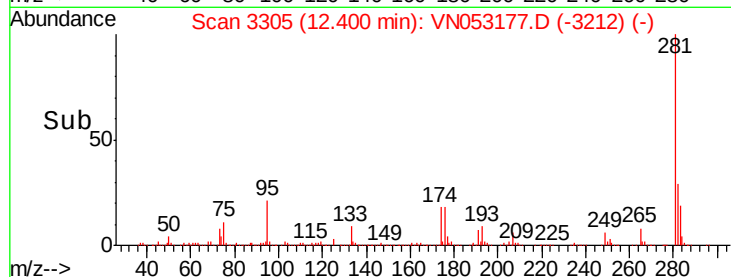
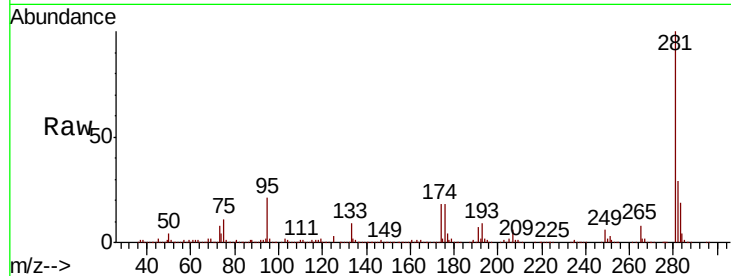
ClientSampleId :

P001-SS013B-4248-01MEDL

Tot Ion:	95	Resp:	836003
Ion Ratio	Lower	Upper	
95	100		
174	88.2	0.0	178.8
176	91.3	0.0	173.8

Manual Integrations
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12/26/2018 10:53:40 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

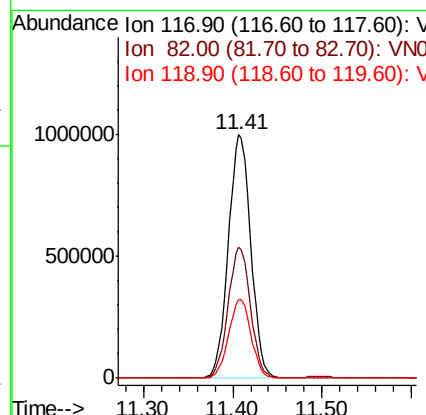
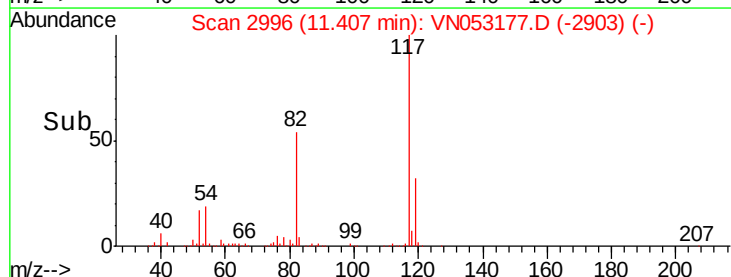
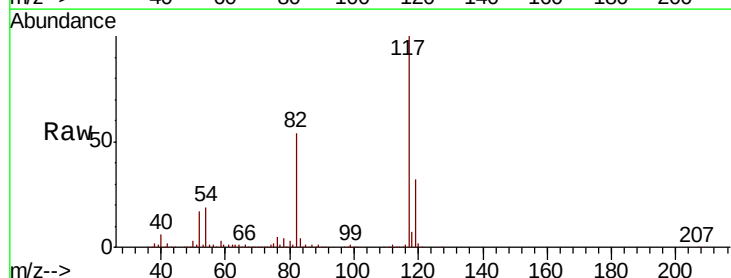
RT: 11.41 min Scan# 2996

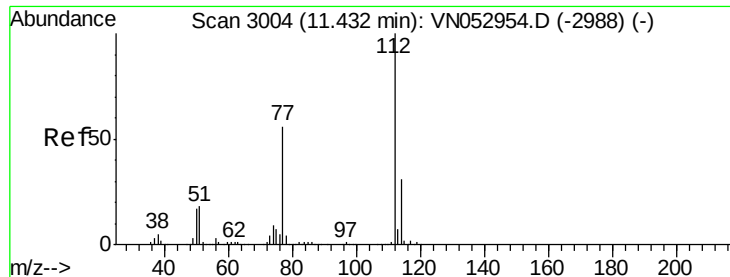
Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Tgt Ion:	117	Resp:	1733959
Ion Ratio	Lower	Upper	
117	100		
82	53.6	42.8	64.2
119	32.4	25.5	38.3





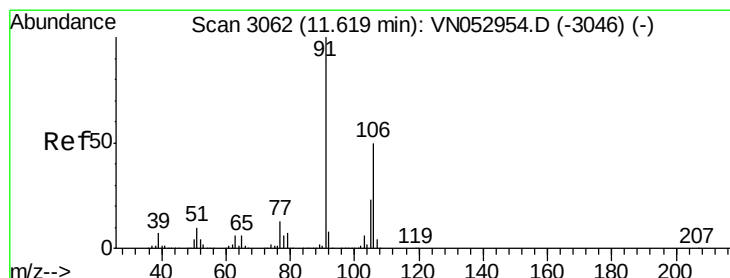
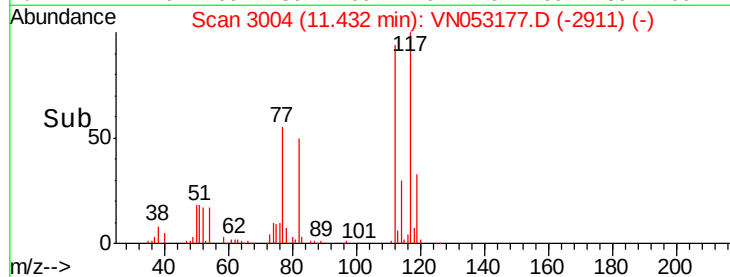
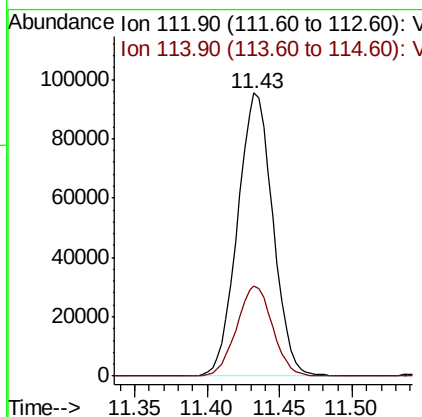
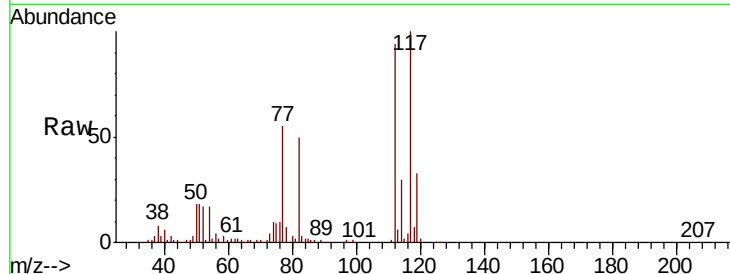
#65
Chlorobenzene
Concen: 4.206 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Tot Ion:112 Resp: 161679
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

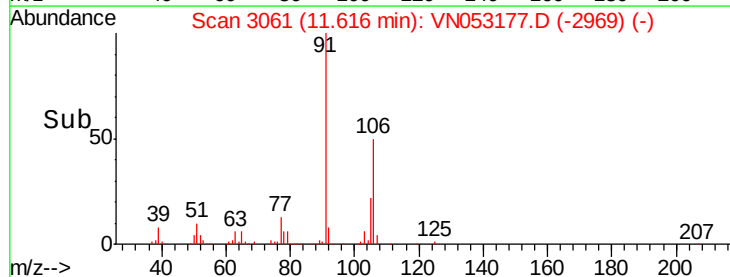
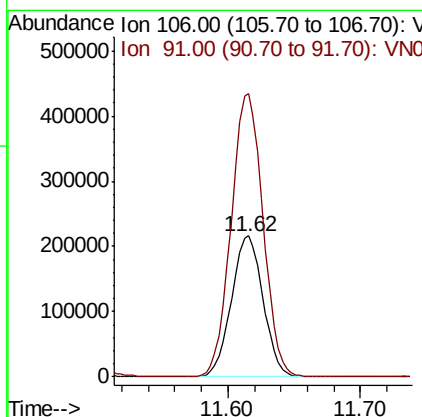
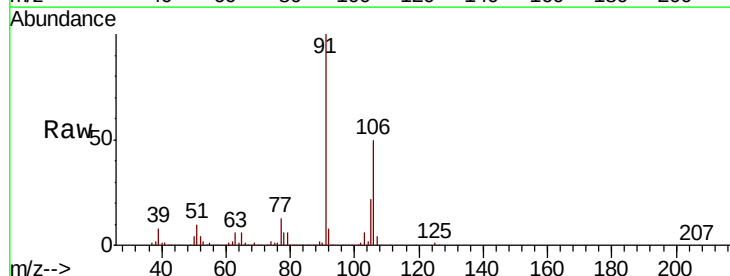
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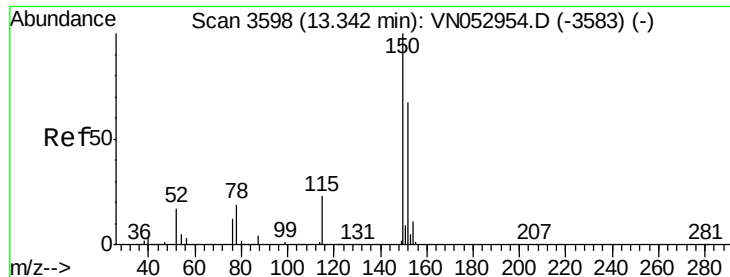
MMDadoda
12/26/2018 10:53:40 AM



#68
m/p-Xylenes
Concen: 14.213 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Tgt Ion:106 Resp: 357168
Ion Ratio Lower Upper
106 100
91 202.8 162.2 243.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

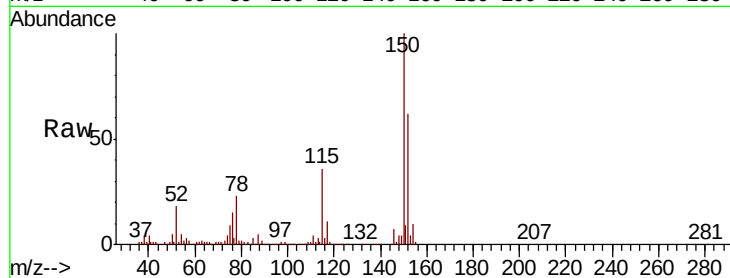
ClientSampleId :

P001-SS013B-4248-01MEDL

Tot Ion:	152	Resp:	791530
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.3	85.0
150	165.8	0.0	347.8

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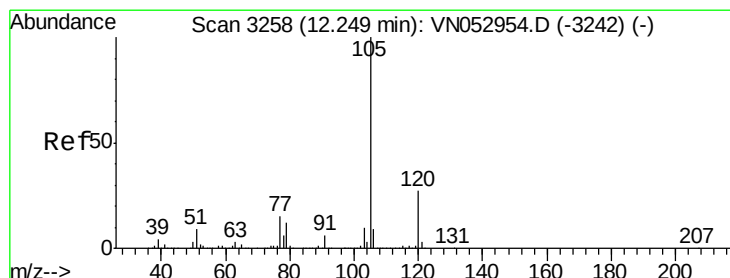
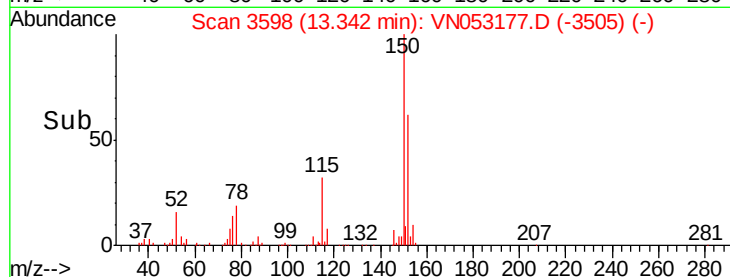
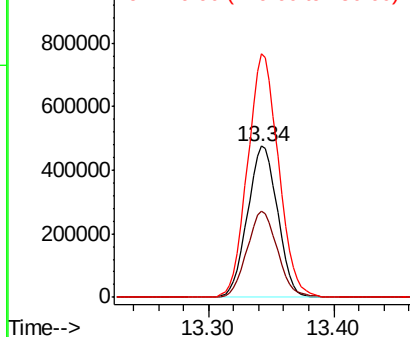


Abundance

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: 2.031 ug/l

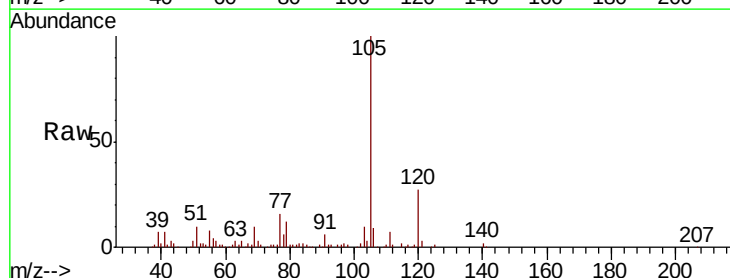
RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

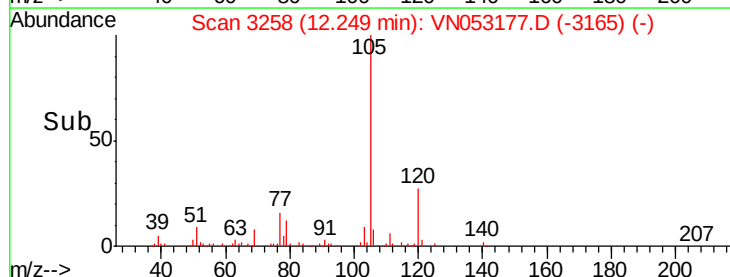
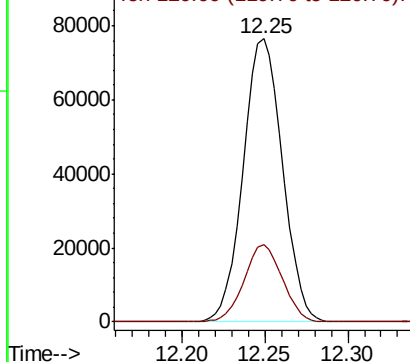
Tgt Ion:	105	Resp:	125753
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.3	39.9

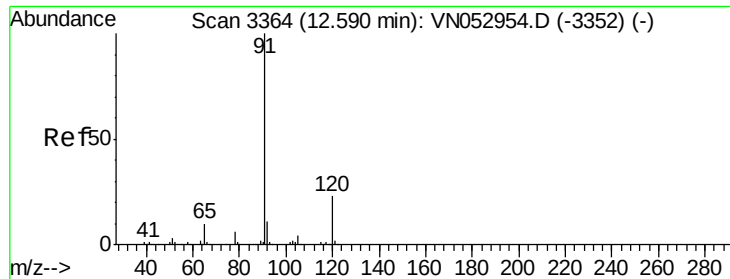


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053177.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013B-4248-01MEDL

Tot Ion: 91 Resp: 256502

Ion Ratio Lower Upper

91 100

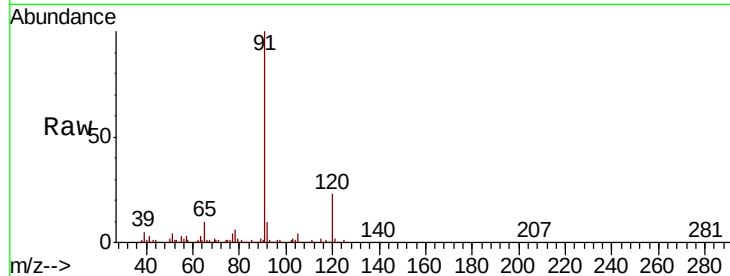
120 23.4 11.5 34.5

Manual Integrations

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12/26/2018 10:53:40 AM



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)

12.59

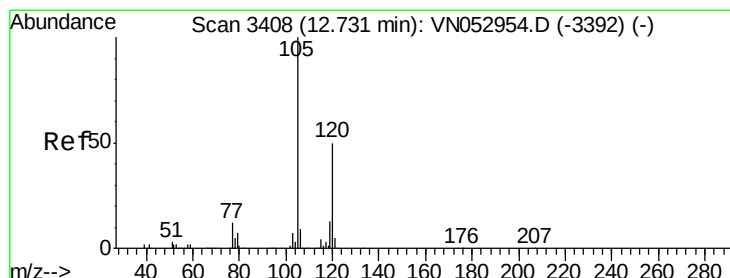
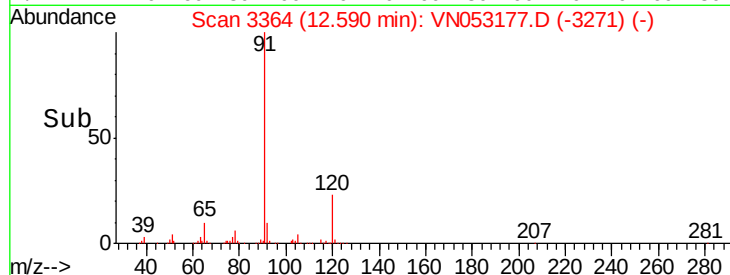
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 3.835 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053177.D

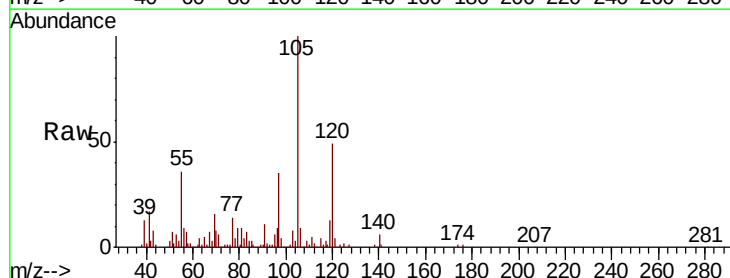
Acq: 24 Dec 2018 11:40

Tgt Ion: 105 Resp: 193566

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)

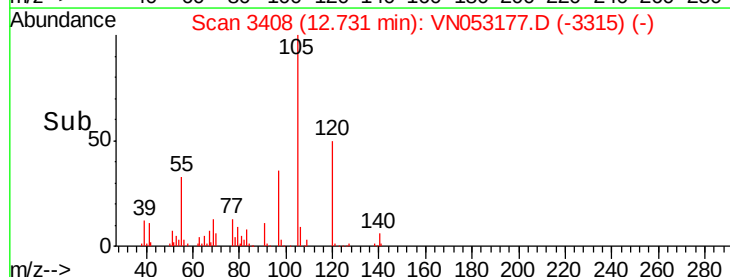
12.73

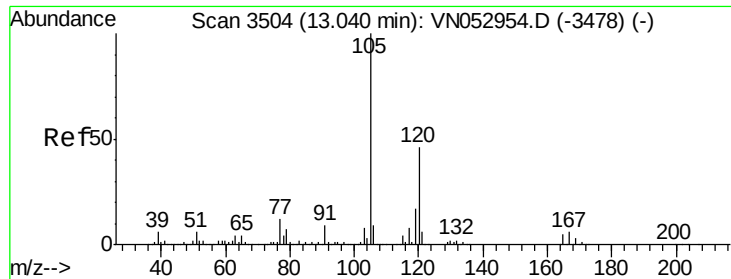
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50000

0

Time-->





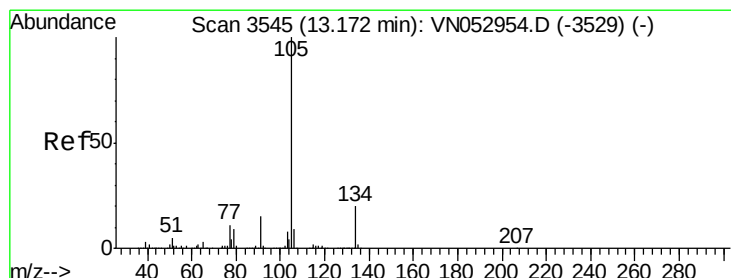
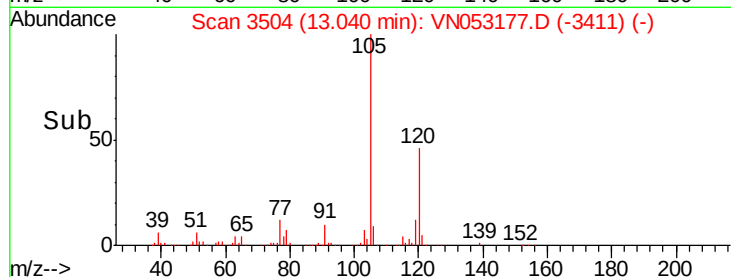
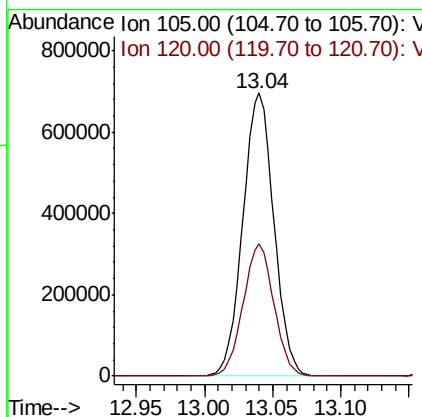
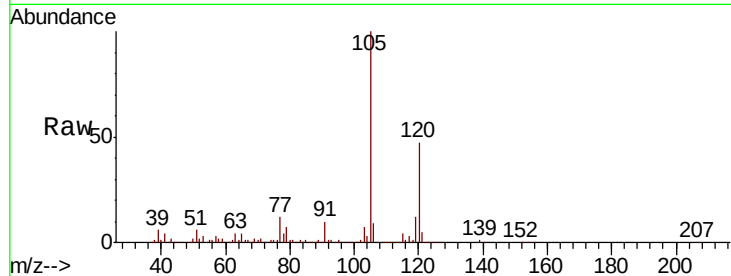
#84
 1,2,4-Trimethylbenzene
 Concen: 21.617 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

Tot Ion:105 Resp: 1096956
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8

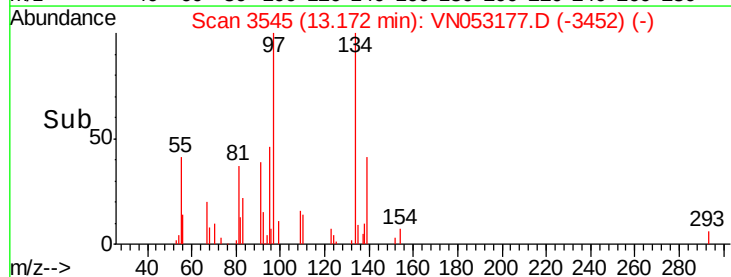
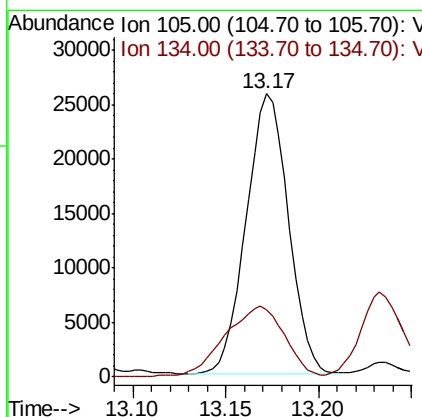
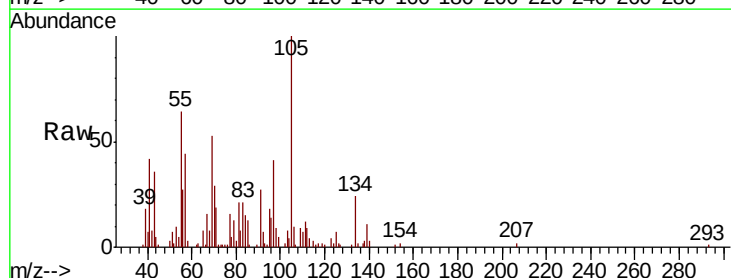
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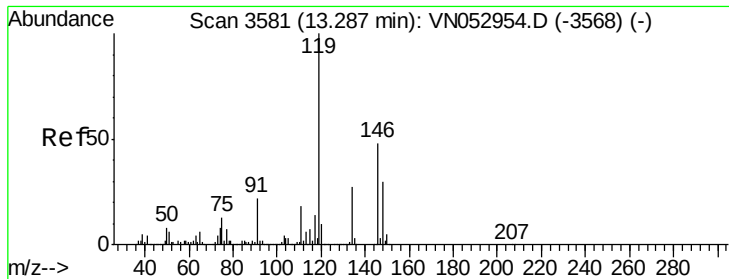
MMDadoda
 12/26/2018 10:53:40 AM



#85
 sec-Butylbenzene
 Concen: 0.681 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Tgt Ion:105 Resp: 41102
 Ion Ratio Lower Upper
 105 100
 134 35.3 10.1 30.3#





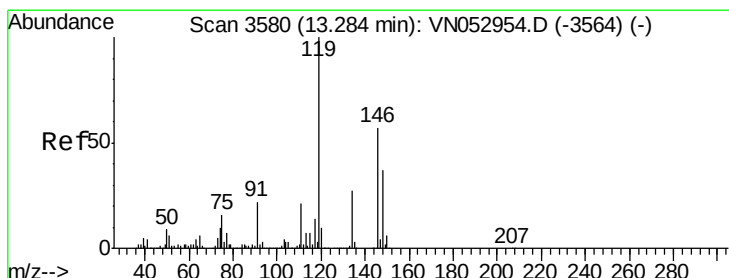
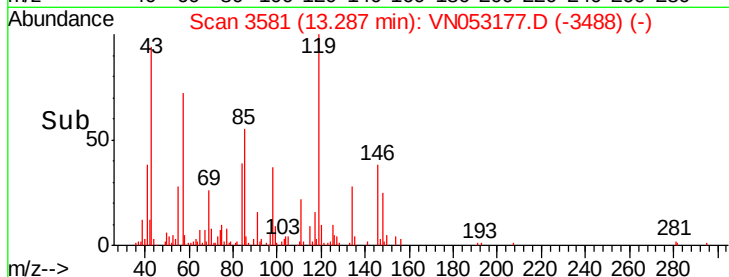
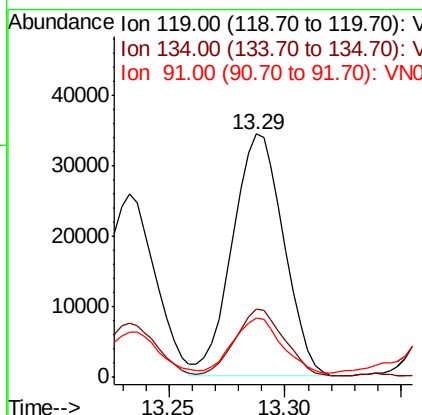
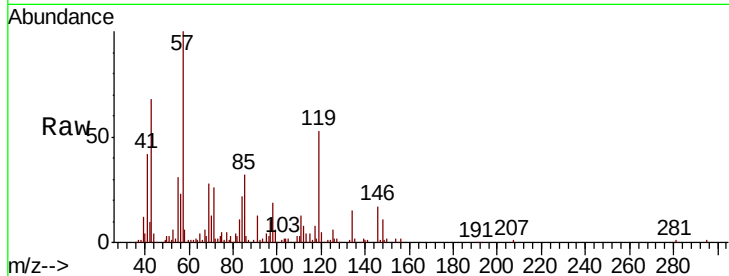
#86
 p-Isopropyltoluene
 Concen: 1.015 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.2
91	21.7	11.1	33.3

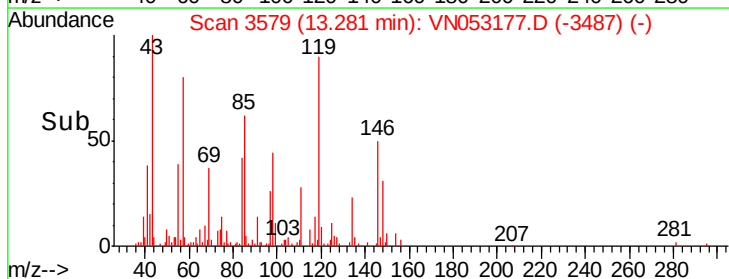
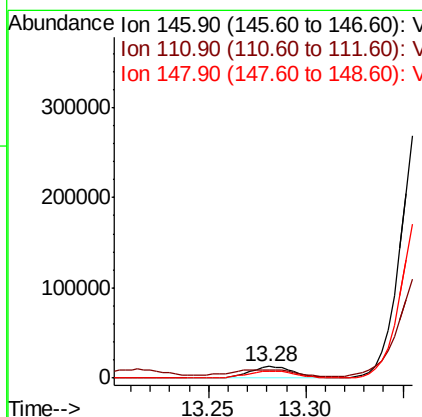
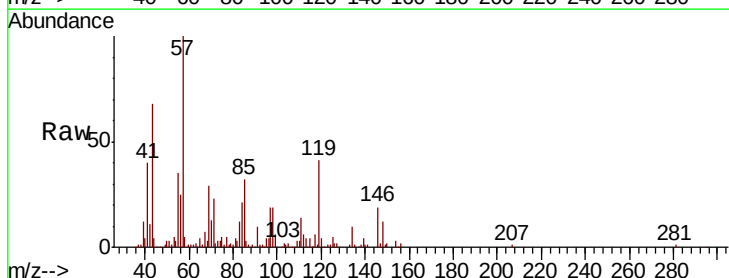
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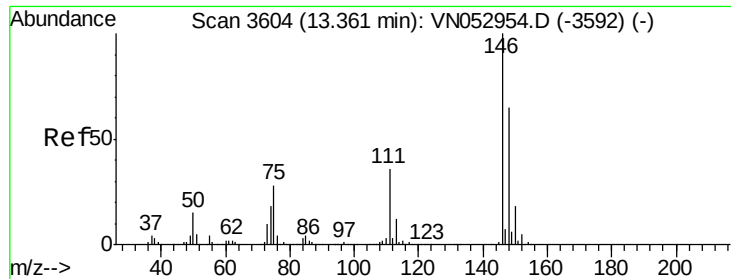
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 12/26/2018 10:53:40 AM



#87
 1,3-Dichlorobenzene
 Concen: 0.709 ug/l m
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	1170.0	19.1	57.1#
148	1877.7	32.0	96.0#





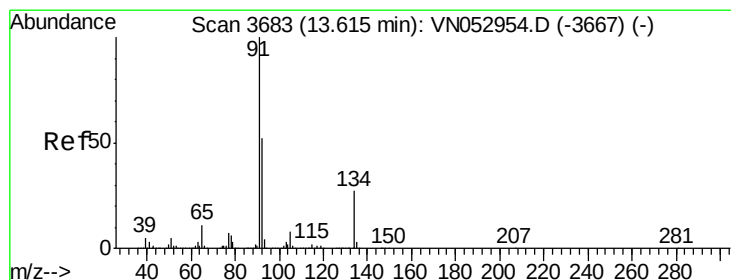
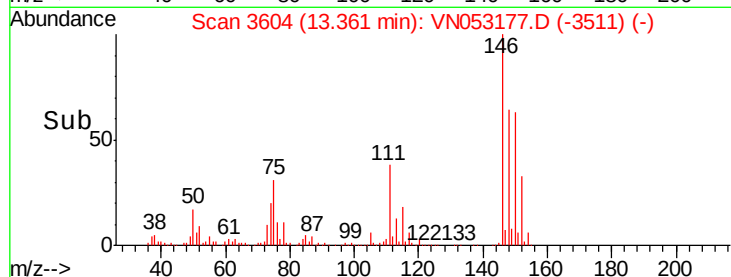
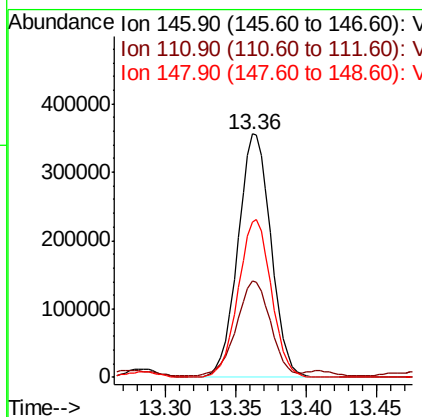
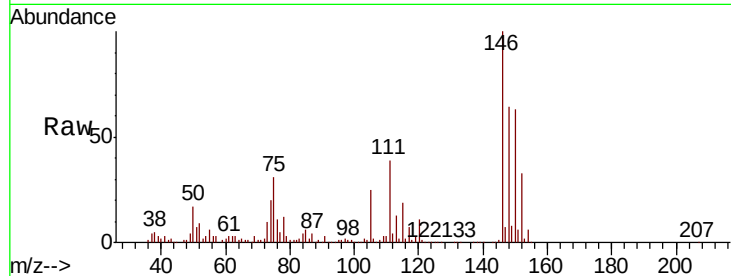
#88
 1,4-Dichlorobenzene
 Concen: 20.250 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013B-4248-01MEDL

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.6	55.8
148	65.0	32.1	96.5

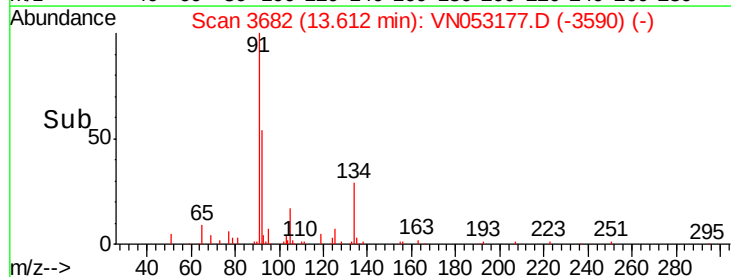
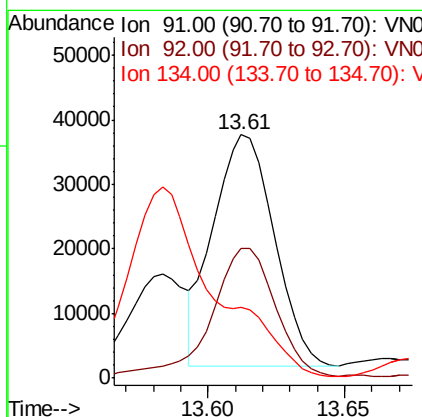
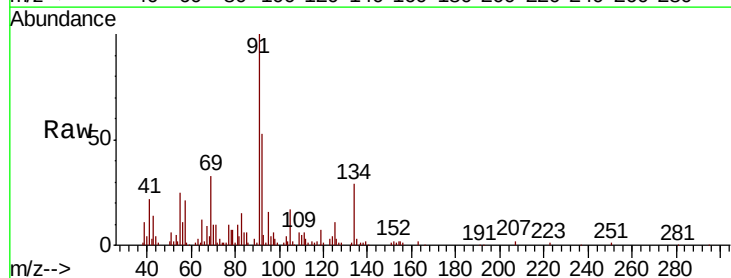
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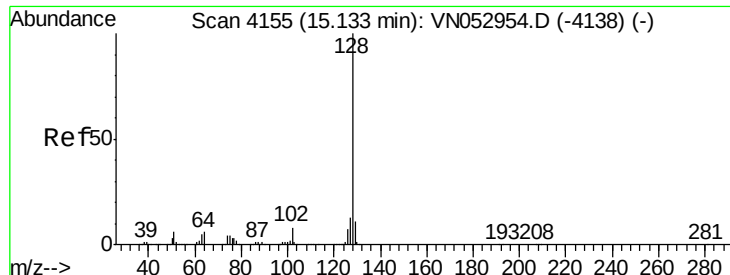
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 12/26/2018 10:53:40 AM



#89
 n-Butylbenzene
 Concen: 1.239 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN053177.D
 Acq: 24 Dec 2018 11:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	26.3	78.9
134	0.0	13.3	39.8#





#95
Naphthalene
Concen: 9.066 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053177.D
Acq: 24 Dec 2018 11:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013B-4248-01MEDL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	252231		
127	12.7		10.2	15.4
129	10.9		8.6	13.0

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12/26/2018 10:53:40 AM

