

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055575.D
 Acq On : 13 May 2019 13:19
 Operator : JC/SP
 Sample : K2704-05
 Misc : 5.53g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1(25.5)

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:42:41 AM

Quant Time: May 20 05:28:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	778574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1335787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1157261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	558661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	510852	43.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.16%	
35) Dibromofluoromethane	7.59	113	389955	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
50) Toluene-d8	10.09	98	1667362	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	591631	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	118418	6.259	ug/l #	90
39) Methylcyclohexane	9.08	83	429597	26.774	ug/l	98
67) Ethyl Benzene	11.51	91	652014	14.581	ug/l	100
73) Isopropylbenzene	12.25	105	553419	10.010	ug/l	99
78) n-propylbenzene	12.59	91	1194542	19.936	ug/l	100
85) sec-Butylbenzene	13.17	105	732480	14.392	ug/l	79
86) p-Isopropyltoluene	13.29	119	131685	3.179	ug/l	93
89) n-Butylbenzene	13.61	91	848417	26.425	ug/l #	79

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

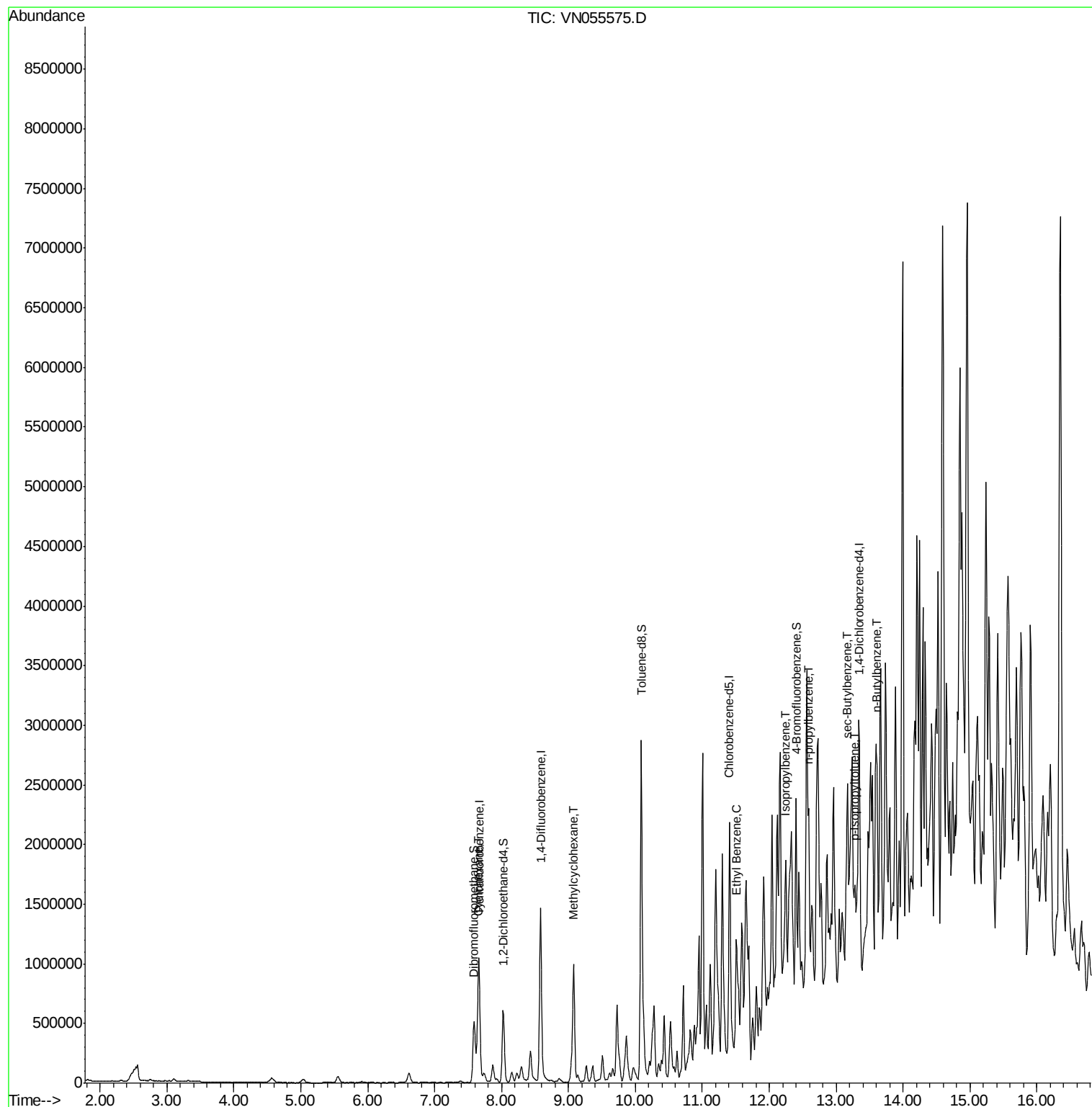
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051319\
Data File : VN055575.D
Acq On : 13 May 2019 13:19
Operator : JC/SP
Sample : K2704-05
Misc : 5.53q/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

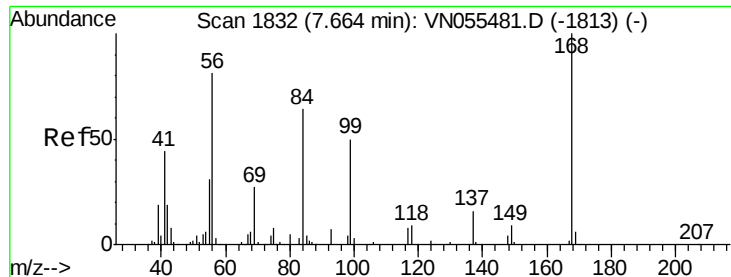
Instrument :
MSVOA_N
ClientSampleId :
SB-1(25.5)

Manual Integrations
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5/14/2019 9:42:41 AM

Quant Time: May 20 05:28:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
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: VN055575.D

Acq: 13 May 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

SB-1(25.5)

Tot Ion:168 Resp: 778574

Ion Ratio Lower Upper

168 100

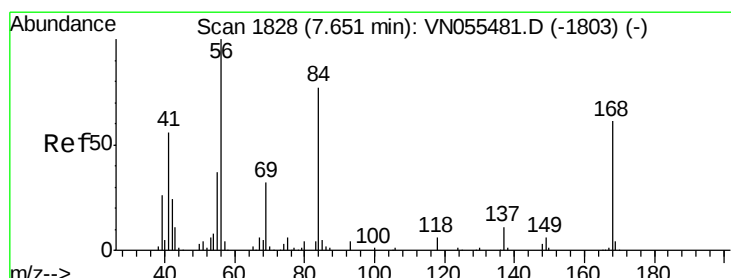
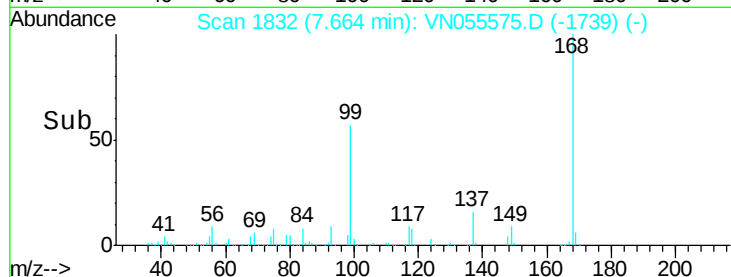
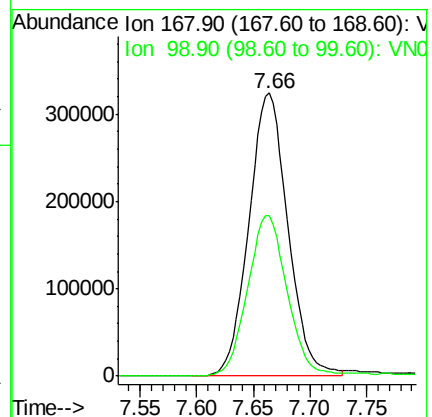
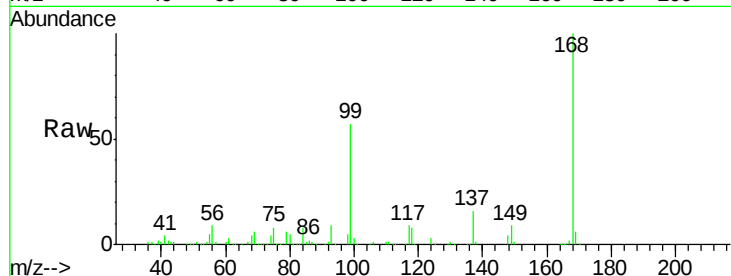
99 56.7 47.0 70.4

Manual Integrations

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5/14/2019 9:42:41 AM



#31

Cyclohexane

Concen: 6.259 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

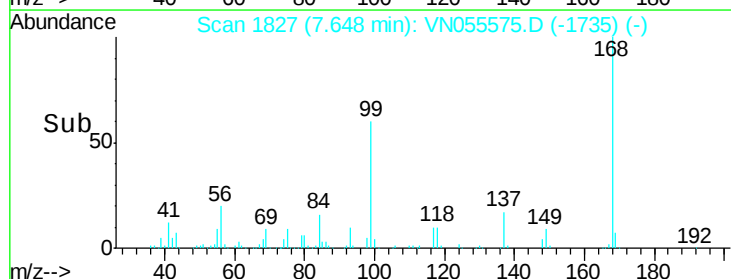
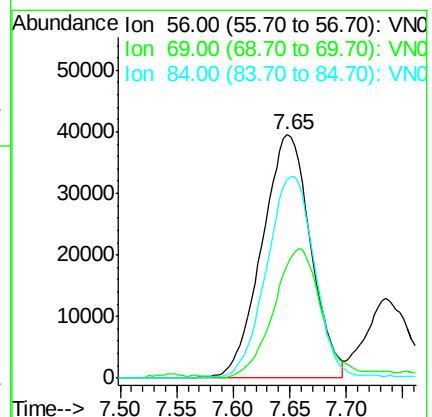
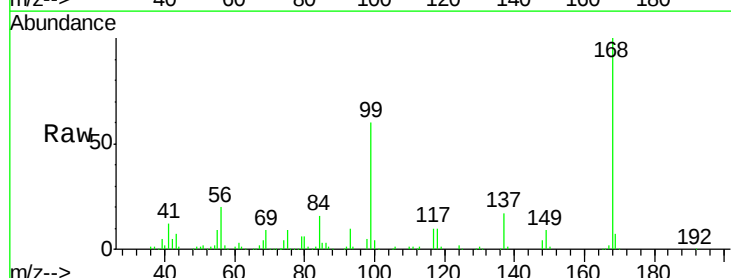
Tgt Ion: 56 Resp: 118418

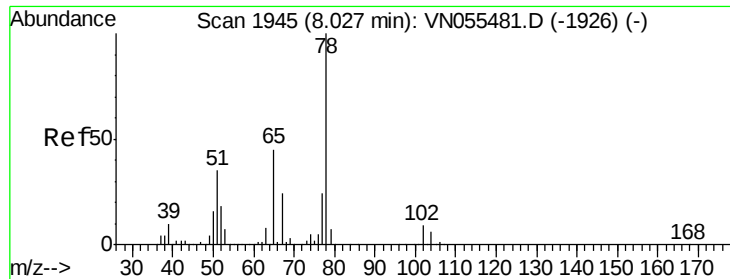
Ion Ratio Lower Upper

56 100

69 45.5 26.0 39.0#

84 81.9 61.9 92.9





#33

1,2-Dichloroethane-d4

Concen: 43.578 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

SB-1(25.5)

Tot Ion: 65 Resp: 510852

Ion Ratio Lower Upper

65 100

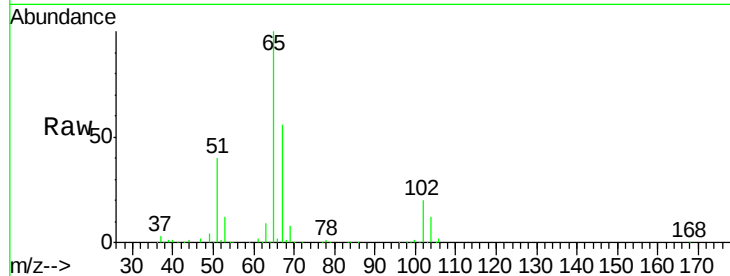
67 54.9 0.0 109.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN055575.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055575.D (-1852) (-)

8.02

250000

200000

150000

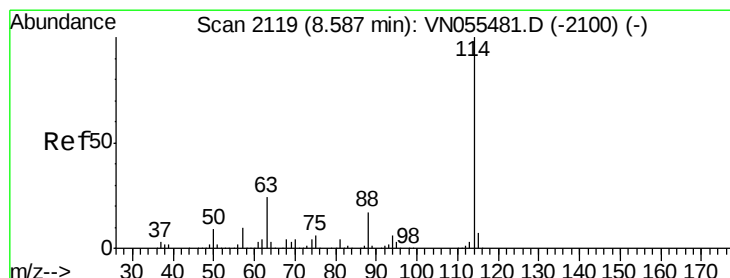
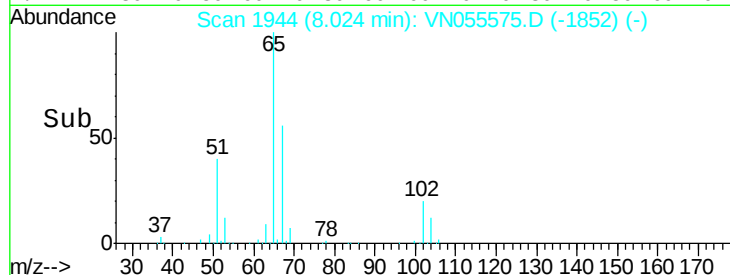
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

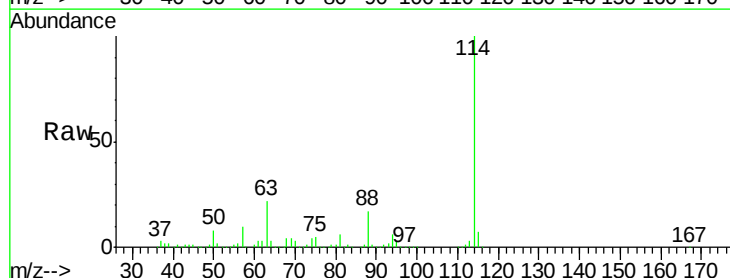
Tgt Ion: 114 Resp: 1335787

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

88 16.6 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN055575.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055575.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055575.D (-2026) (-)

8.58

800000

600000

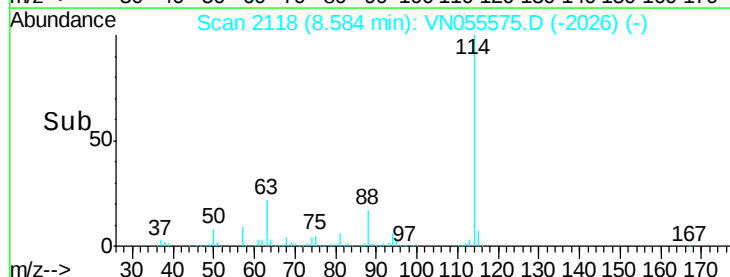
400000

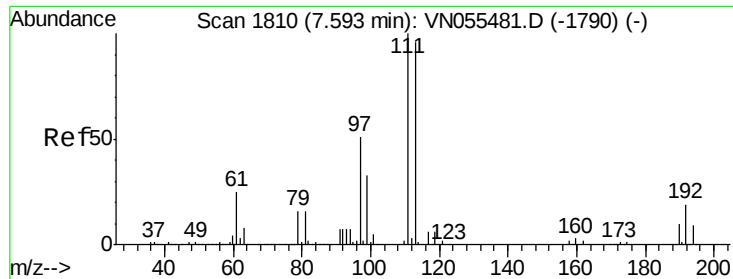
200000

0

8.40 8.60 8.80

Time-->





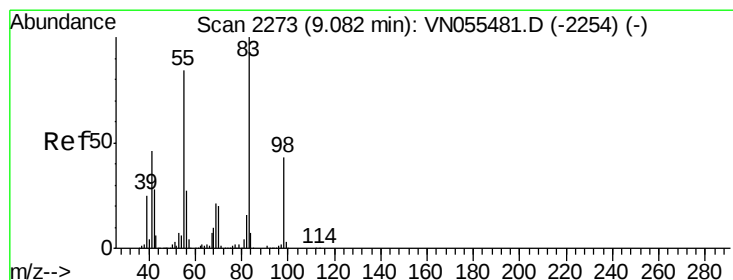
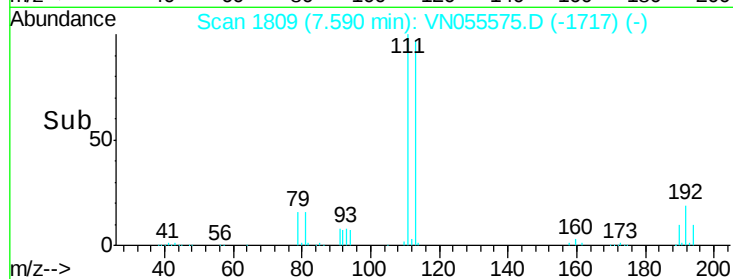
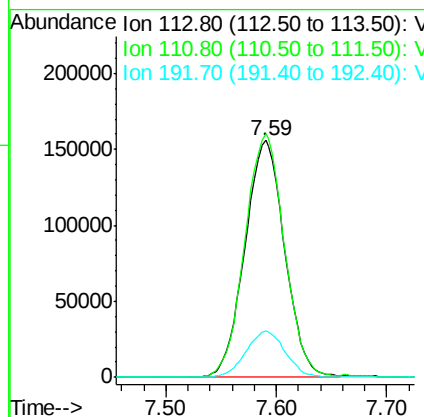
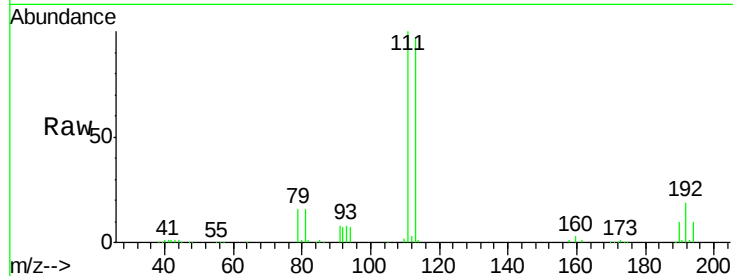
#35
Dibromofluoromethane
Concen: 45.255 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055575.D
Acq: 13 May 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :
SB-1(25.5)

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.3	82.9	124.3	
192	19.4	15.6	23.4	

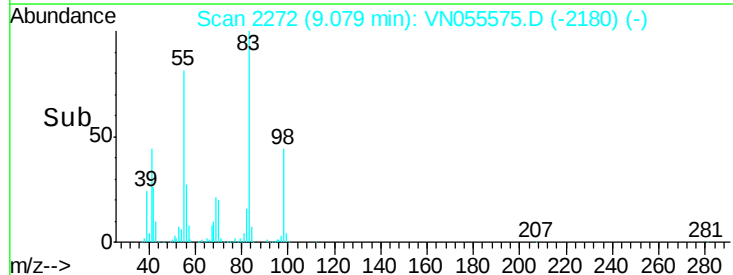
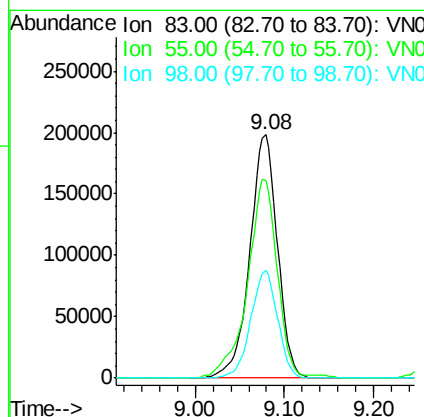
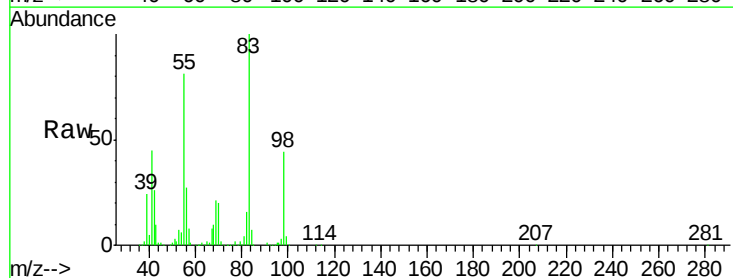
Manual Integrations
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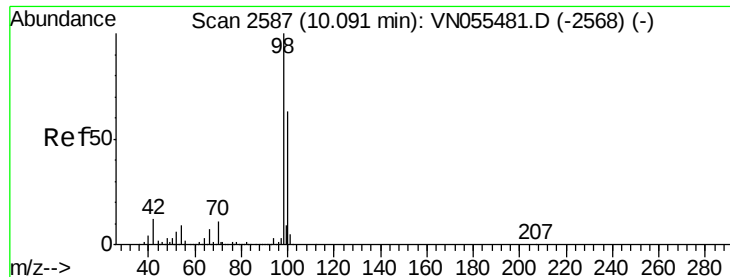
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#39
Methylcyclohexane
Concen: 26.774 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055575.D
Acq: 13 May 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.3	67.0	100.4	
98	44.1	34.2	51.4	





#50

Toluene-d8

Concen: 49.655 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

SB-1(25.5)

Tot Ion: 98 Resp: 1667362

Ion Ratio Lower Upper

98 100

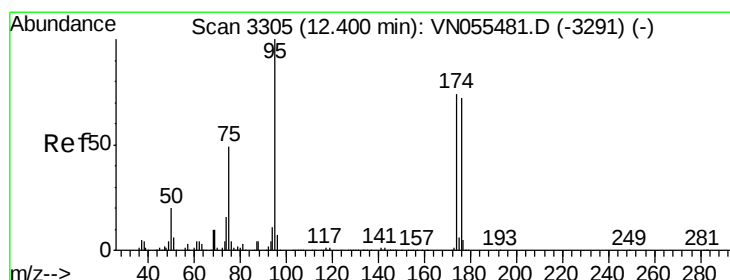
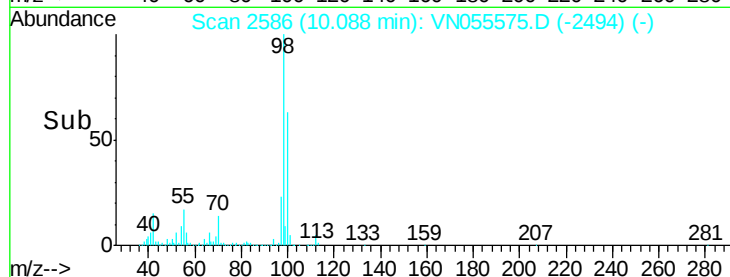
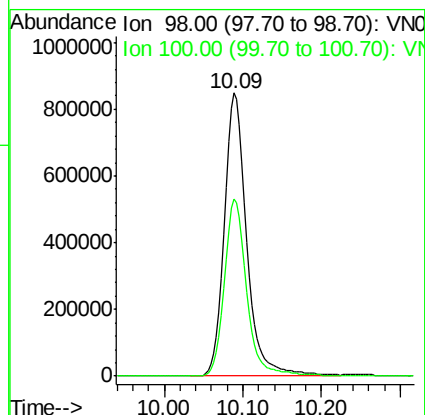
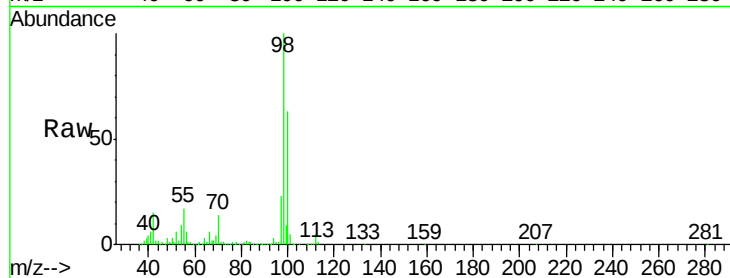
100 62.6 50.4 75.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.253 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

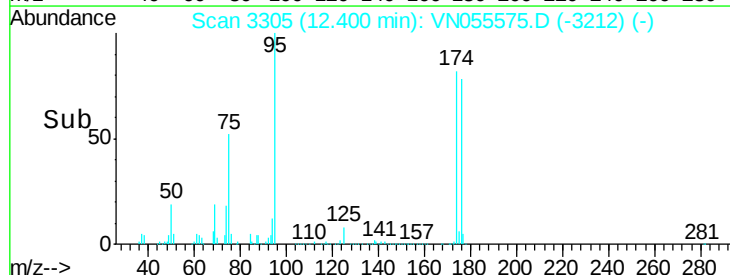
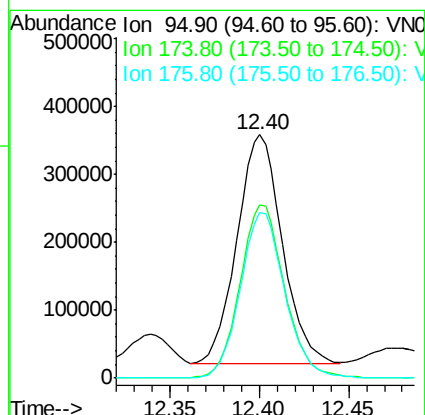
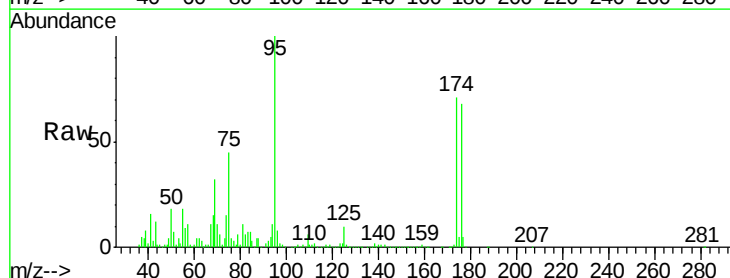
Tgt Ion: 95 Resp: 591631

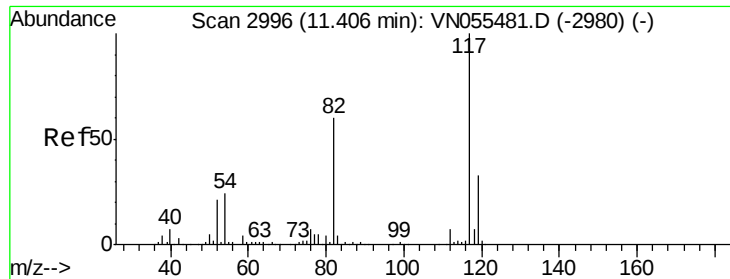
Ion Ratio Lower Upper

95 100

174 74.8 0.0 152.2

176 72.0 0.0 147.8





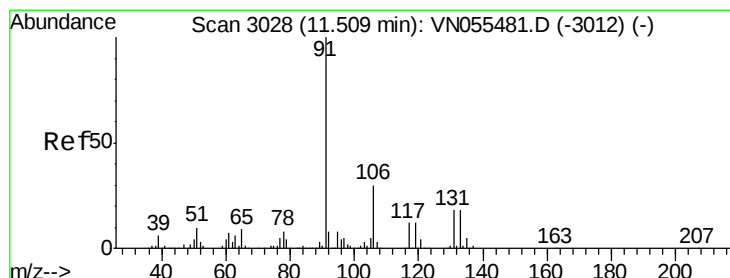
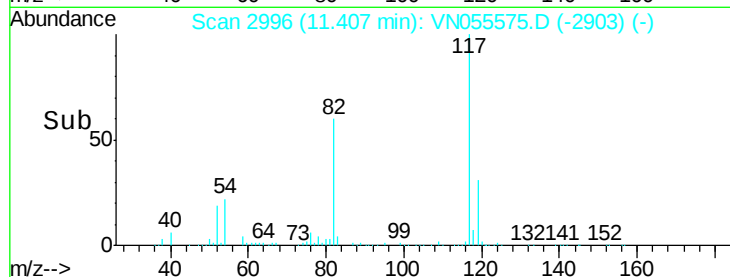
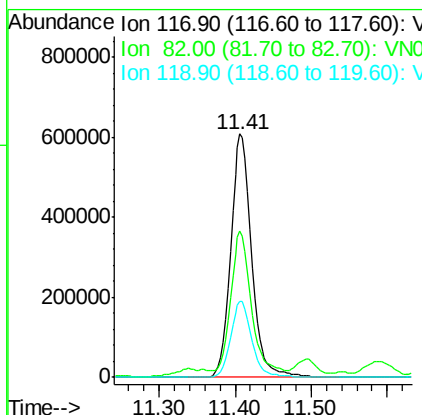
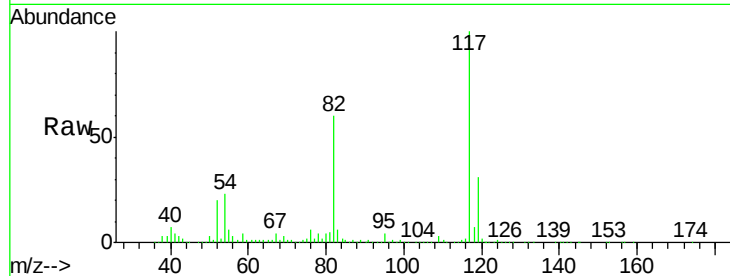
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055575.D
Acq: 13 May 2019 13:19

Instrument :
MSVOA_N
ClientSampleId :
SB-1(25.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	48.0	72.0
119	31.4	26.0	39.0

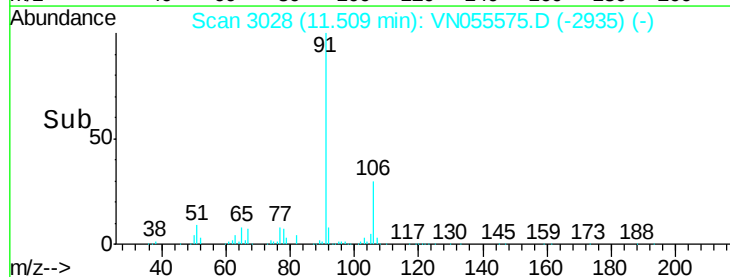
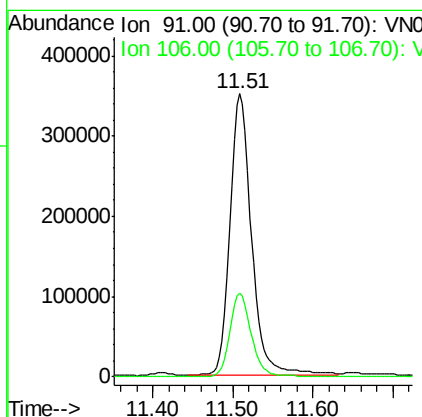
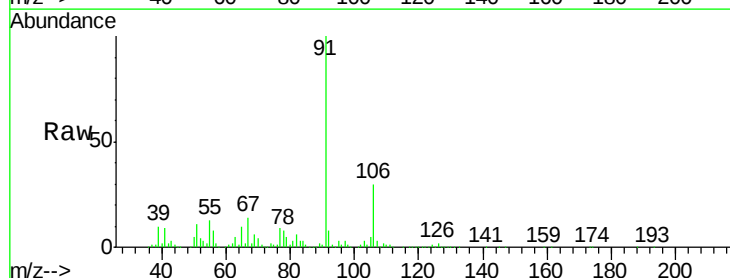
Manual Integrations
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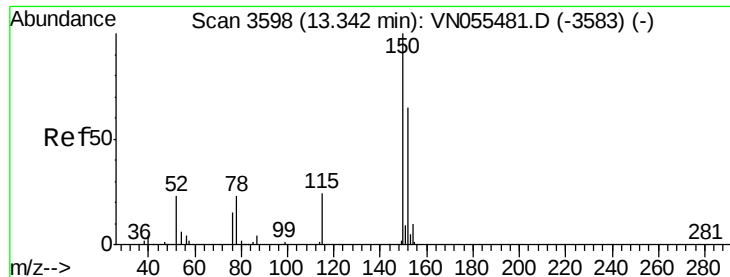
MMDadoda
5/14/2019 9:42:41 AM



#67
Ethyl Benzene
Concen: 14.581 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055575.D
Acq: 13 May 2019 13:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.8	35.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

Instrument :

MSVOA_N

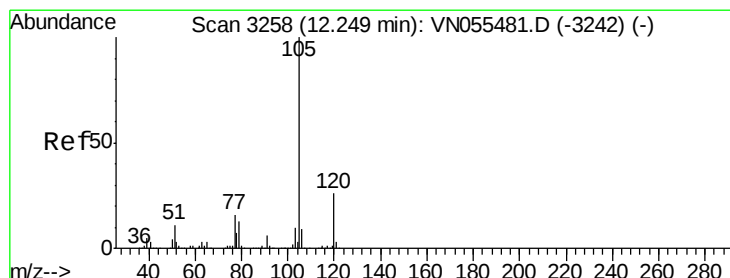
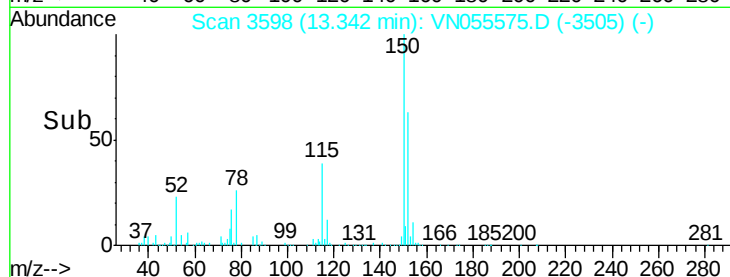
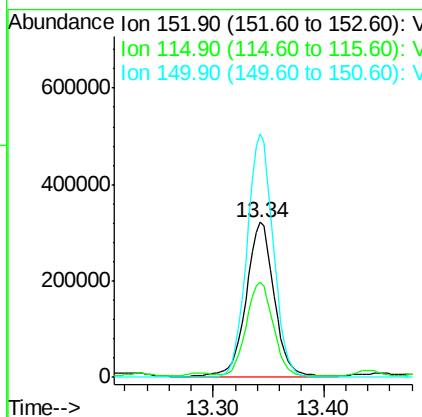
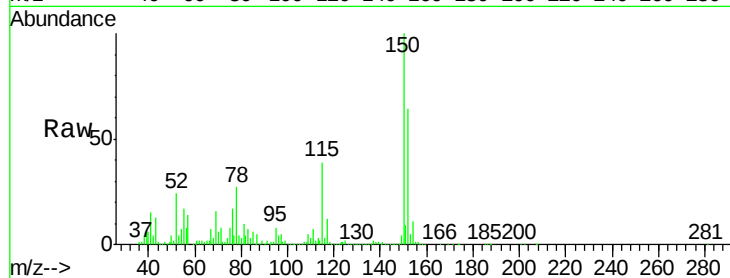
ClientSampleId :

SB-1(25.5)

Tot Ion:	152	Resp:	558661
Ion Ratio	Lower	Upper	
152	100		
115	58.9	30.1	90.5
150	147.9	0.0	355.0

Manual Integrations
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5/14/2019 9:42:41 AM



#73

Isopropylbenzene

Concen: 10.010 ug/l

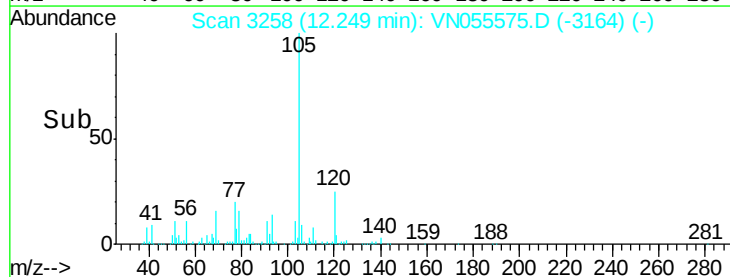
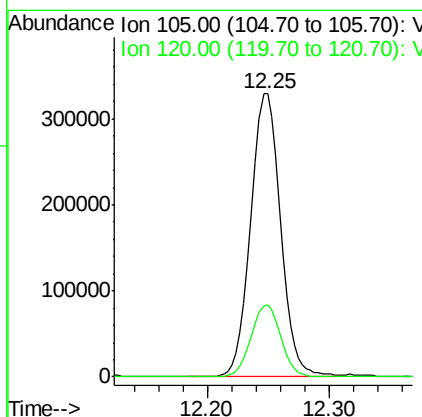
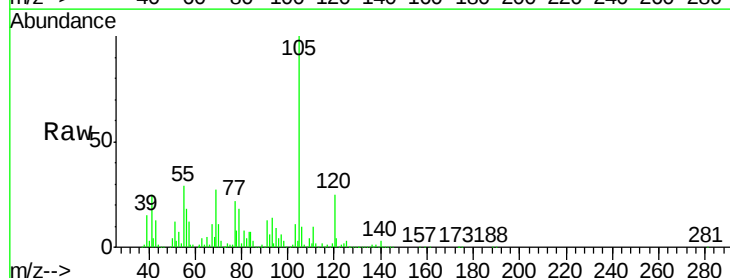
RT: 12.25 min Scan# 3258

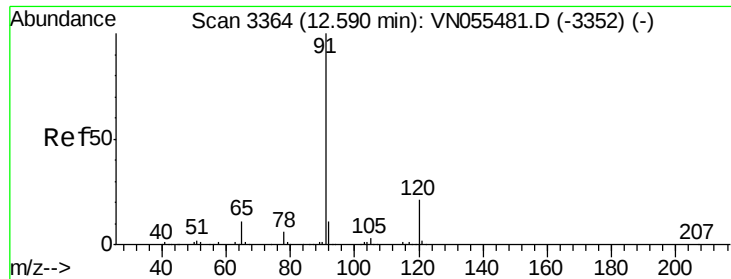
Delta R.T. 0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

Tgt Ion:	105	Resp:	553419
Ion Ratio	Lower	Upper	
105	100		
120	25.6	13.0	39.0





#78

n-propylbenzene

Concen: 19.936 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055575.D

Acq: 13 May 2019 13:19

Instrument :

MSVOA_N

ClientSampleId :

SB-1(25.5)

Tot Ion: 91 Resp: 1194542

Ion Ratio Lower Upper

91 100

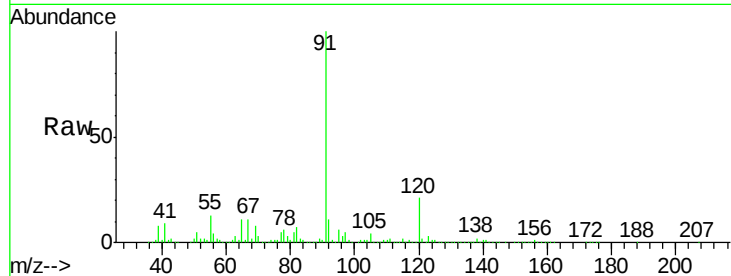
120 21.5 10.8 32.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055481.D (-3352) (-)

12.59

800000

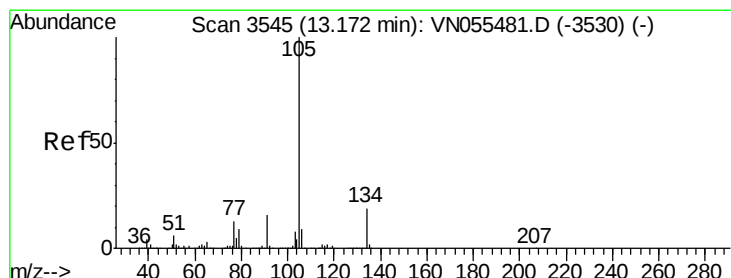
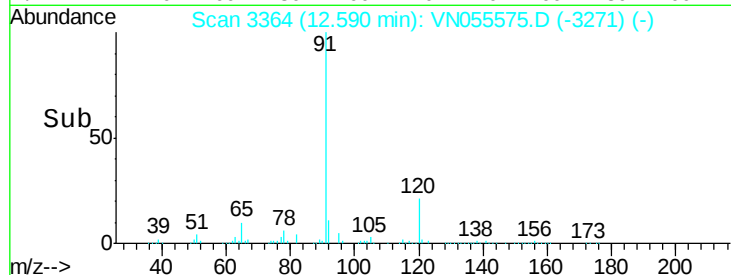
600000

400000

200000

0

Time-->



#85

sec-Butylbenzene

Concen: 14.392 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055575.D

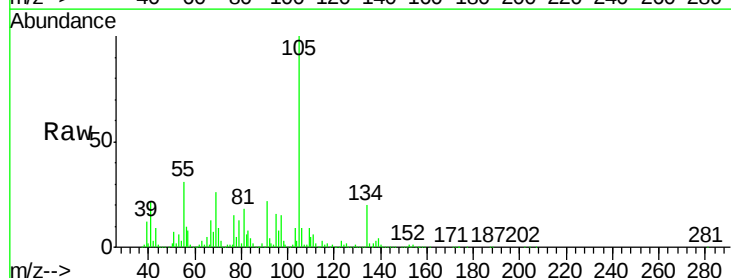
Acq: 13 May 2019 13:19

Tgt Ion: 105 Resp: 732480

Ion Ratio Lower Upper

105 100

134 27.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): VN055481.D (-3530) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3530) (-)

13.17

500000

400000

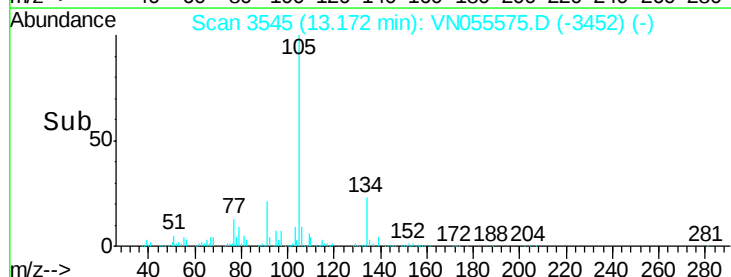
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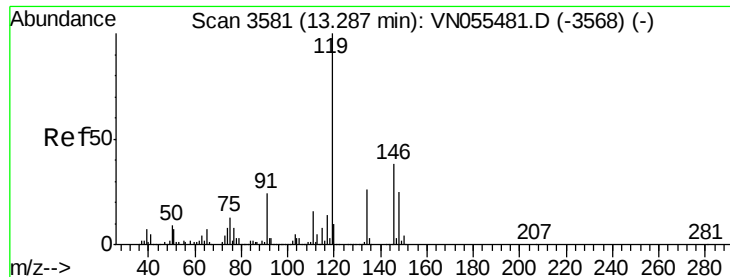
200000

100000

0

Time-->





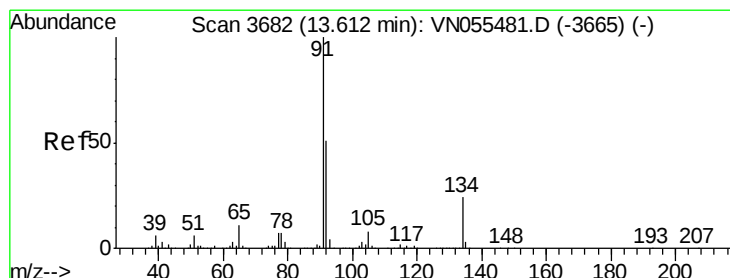
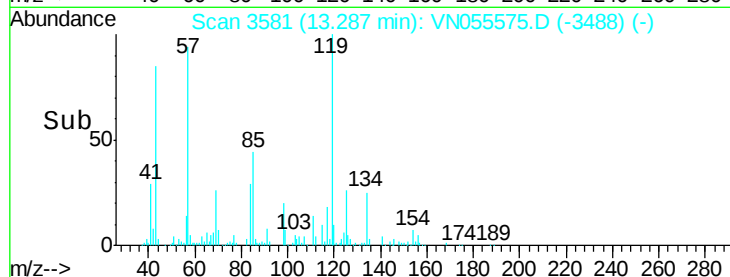
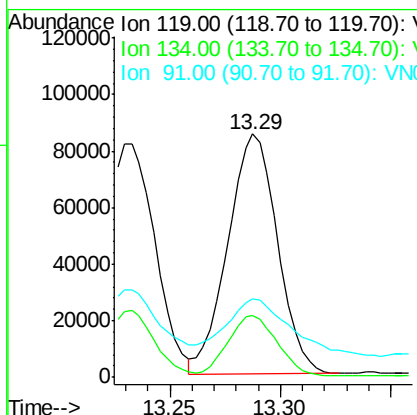
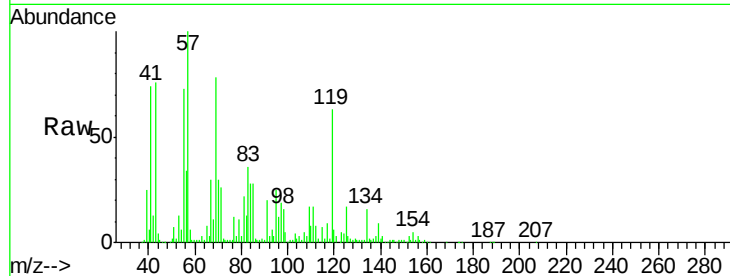
#86
p-Isopropyltoluene
Concen: 3.179 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055575.D
Acq: 13 May 2019 13:19

Instrument :
MSVOA_N
ClientSampled :
SB-1(25.5)

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.4
91	30.6	12.0	36.0

Manual Integrations
APPROVED

MMDadoda
5/14/2019 9:42:41 AM



#89
n-Butylbenzene
Concen: 26.425 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055575.D
Acq: 13 May 2019 13:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.2	25.9	77.7
134	50.5	11.8	35.4

