

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059869.D
 Acq On : 27 Jan 2020 13:52
 Operator : JC/MD
 Sample : L1238-01MEDL 10X
 Misc : 3.33g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLESMEDL

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:36 AM

Quant Time: Jan 27 14:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110273	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	7.56	113	93944	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.08	98	372215	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	130602	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
Target Compounds						
16) Acetone	3.79	43	9180	1.599	ug/l	97
52) Toluene	10.14	92	3737	0.728	ug/l	87
67) Ethyl Benzene	11.50	91	6097	0.604	ug/l #	85
68) m/p-Xylenes	11.61	106	5395	1.416	ug/l	95
69) o-Xylene	11.94	106	3203	0.858	ug/l	96
73) Isopropylbenzene	12.25	105	6870	0.678	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	53975	6.331	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	124342	14.743	ug/l	100
86) p-Isopropyltoluene	13.28	119	12879m	1.437	ug/l	
95) Naphthalene	15.13	128	8696389	1154.198	ug/l #	55

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

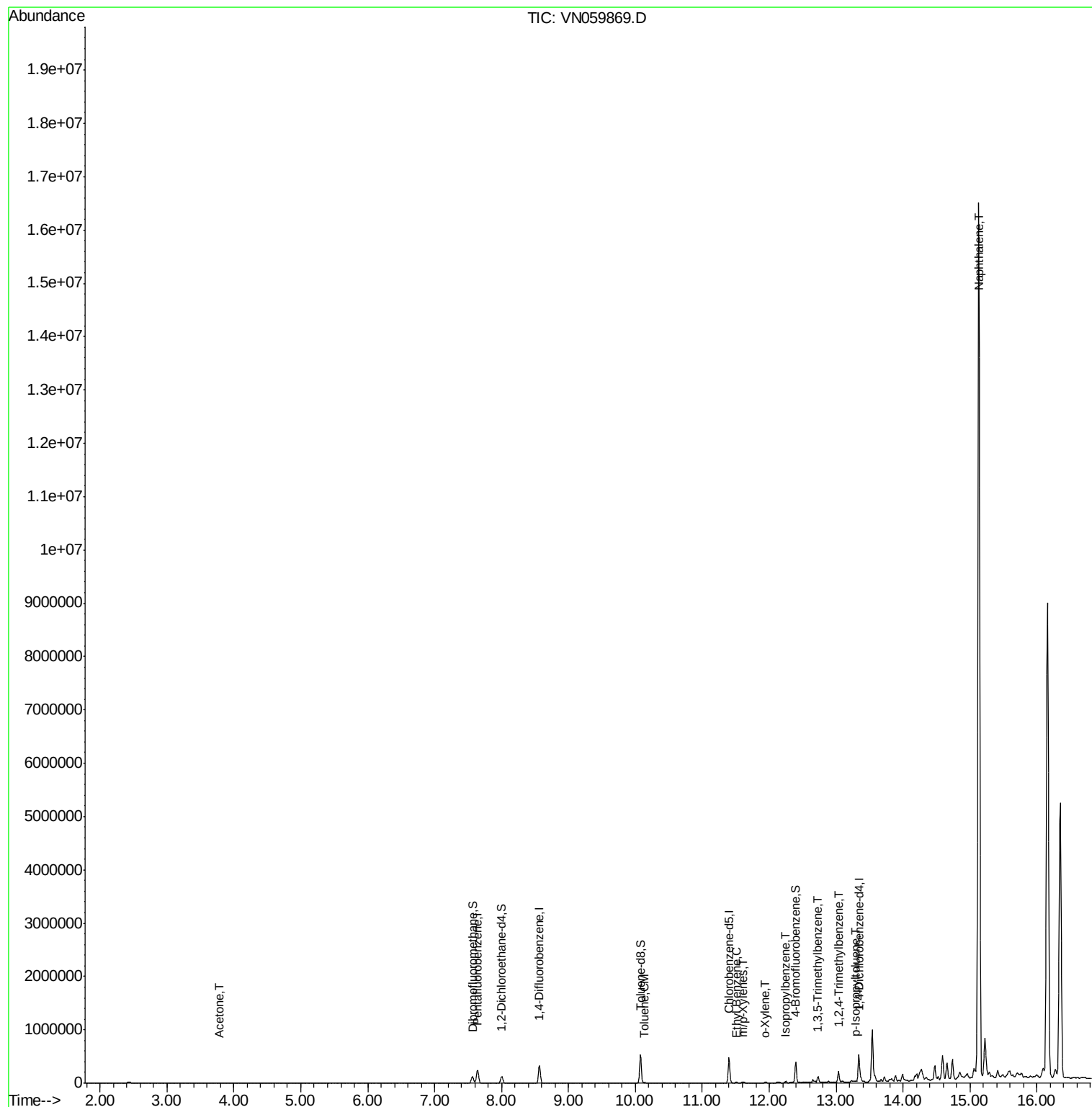
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
Data File : VN059869.D
Acq On : 27 Jan 2020 13:52
Operator : JC/MD
Sample : L1238-01MEDL 10X
Misc : 3.33g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

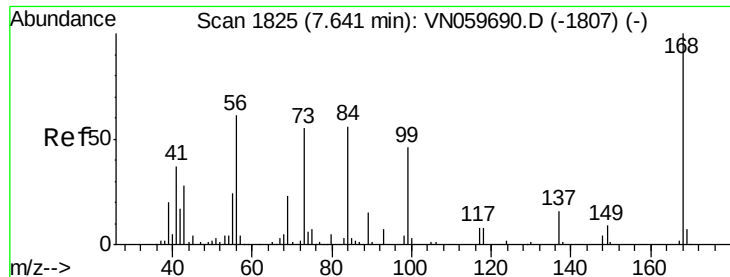
Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLESMEDL

Manual Integrations
APPROVED

MMDadoda
1/28/2020 9:24:36 AM

Quant Time: Jan 27 14:51:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059869.D

Acq: 27 Jan 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLESMEDL

Tot Ion:168 Resp: 209922

Ion Ratio Lower Upper

168 100

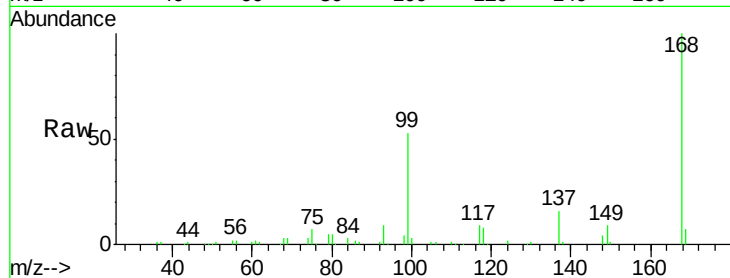
99 52.6 48.2 72.4

Manual Integrations

APPROVED

MMDadoda

1/28/2020 9:24:36 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

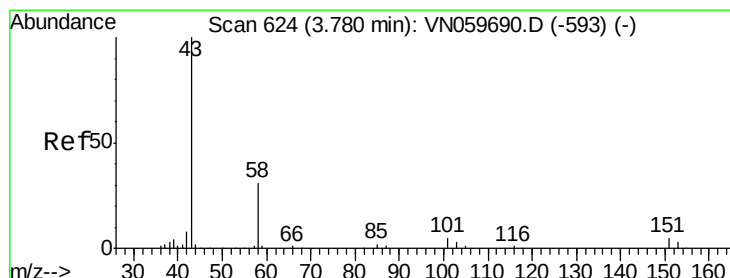
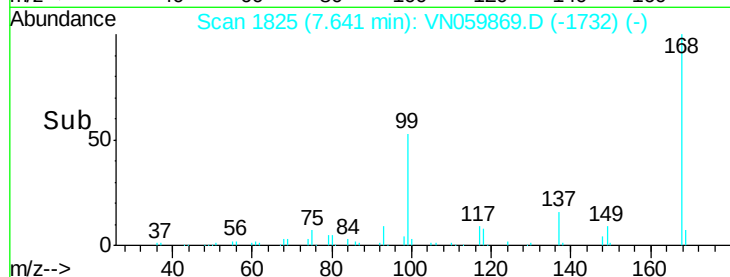
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 1.599 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059869.D

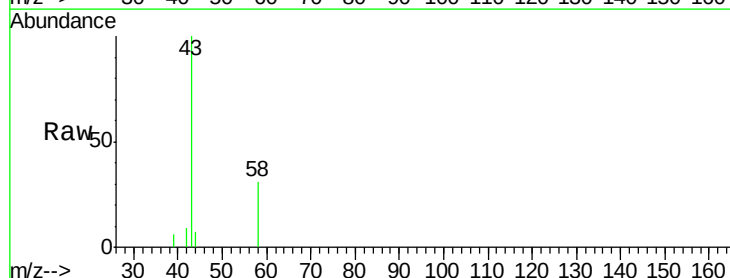
Acq: 27 Jan 2020 13:52

Tgt Ion: 43 Resp: 9180

Ion Ratio Lower Upper

43 100

58 31.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

3000

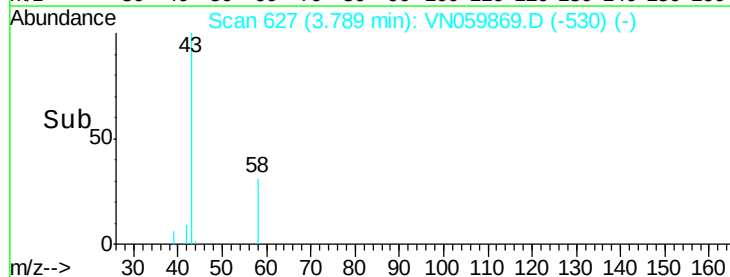
2000

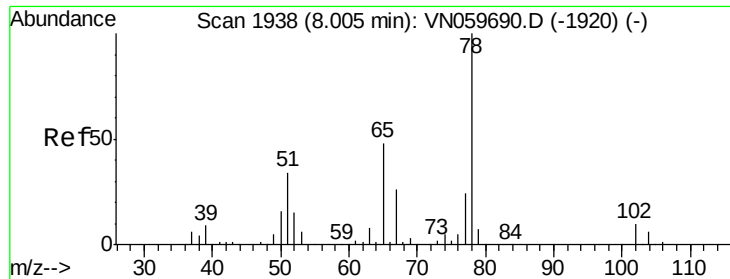
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





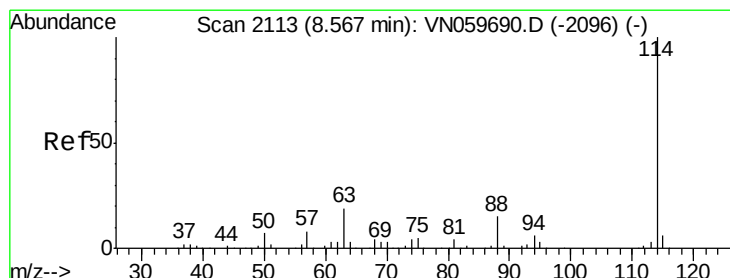
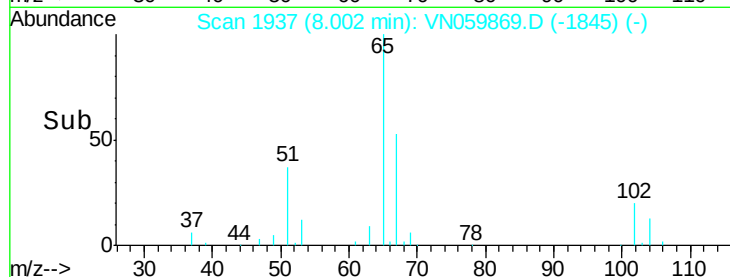
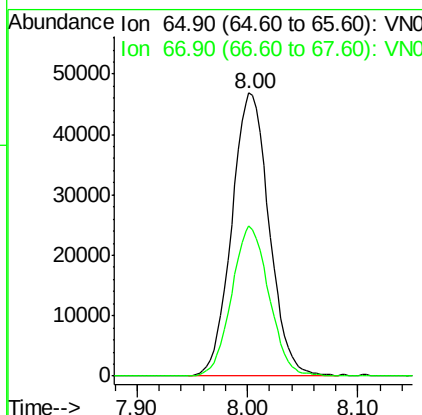
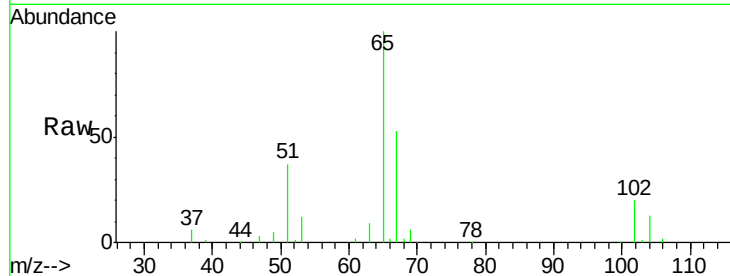
#33
 1,2-Dichloroethane-d4
 Concen: 47.302 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059869.D
 Acq: 27 Jan 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLESMEDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	103.0	

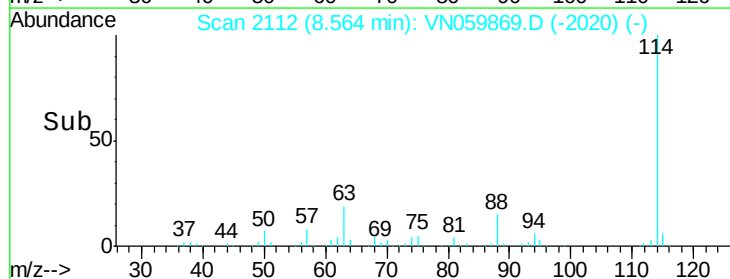
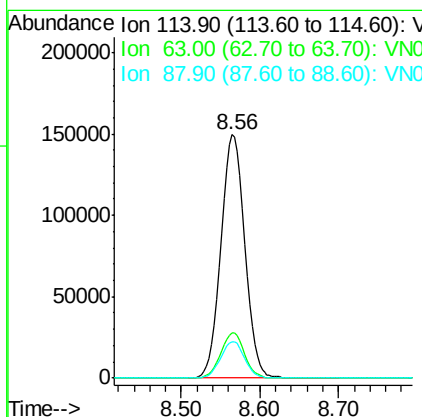
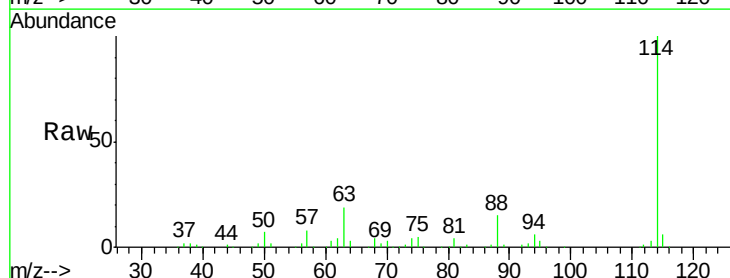
Manual Integrations
 APPROVED

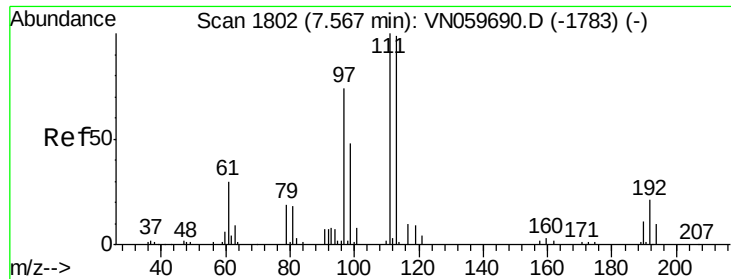
MMDadoda
 1/28/2020 9:24:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059869.D
 Acq: 27 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.7	0.0	43.6	
88	15.0	0.0	31.4	





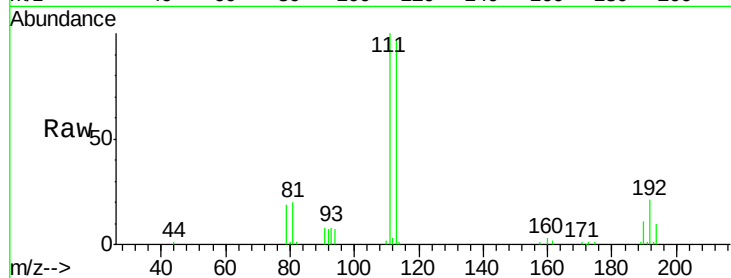
#35
 Dibromofluoromethane
 Concen: 50.332 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059869.D
 Acq: 27 Jan 2020 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 CLIFTON-POLESMEDL

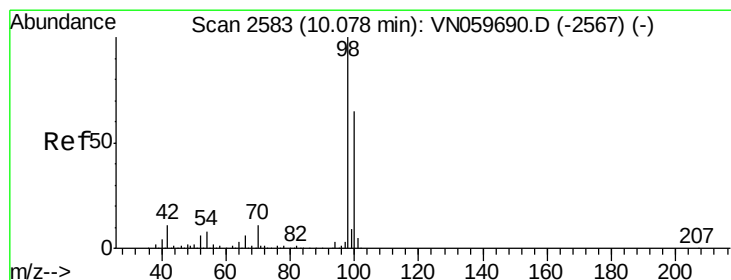
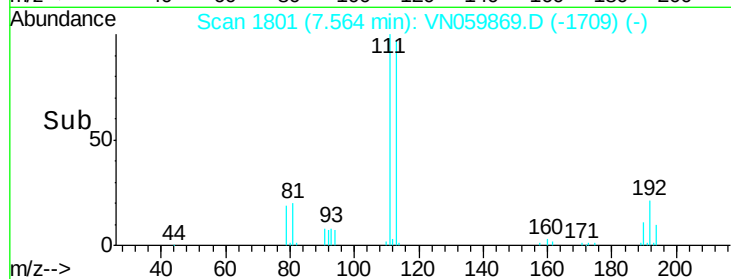
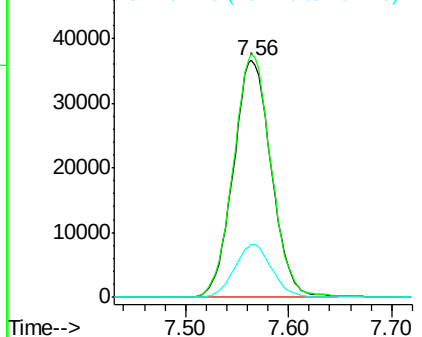
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.5	125.3
192	21.6	15.4	23.2

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:36 AM

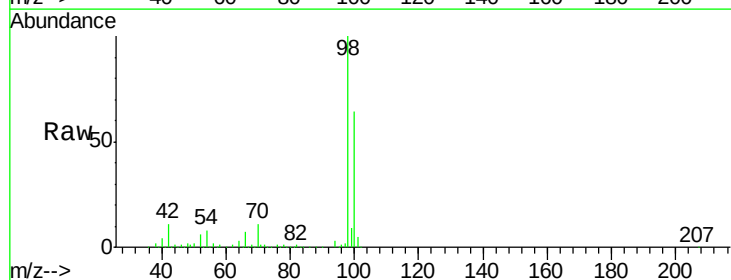


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

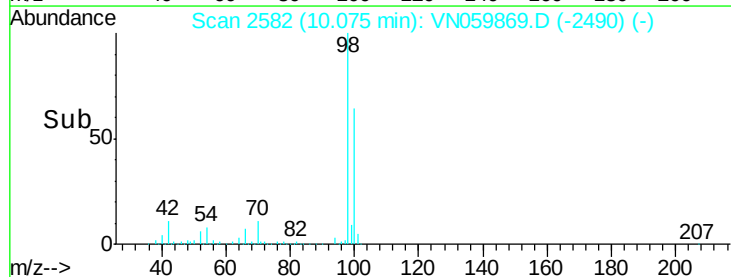
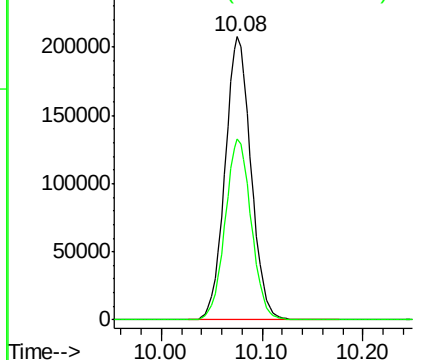


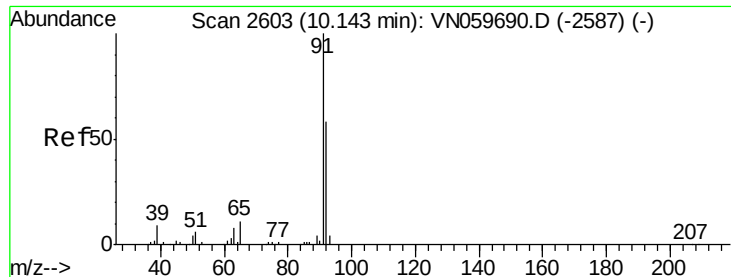
#50
 Toluene-d8
 Concen: 51.470 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN059869.D
 Acq: 27 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.728 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059869.D

Acq: 27 Jan 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLESMEDL

Tot Ion: 92 Resp: 3737

Ion Ratio Lower Upper

92 100

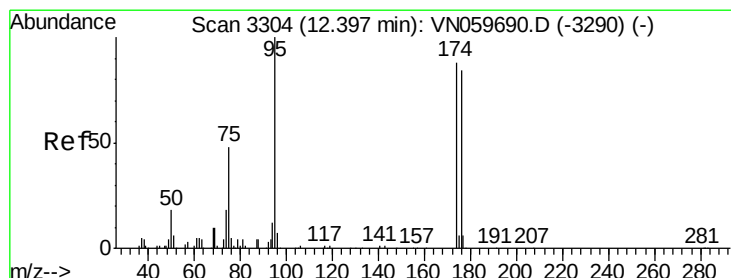
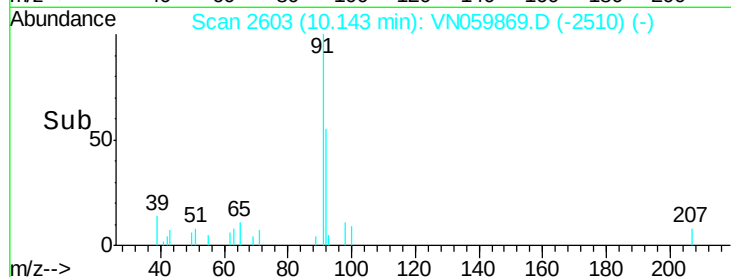
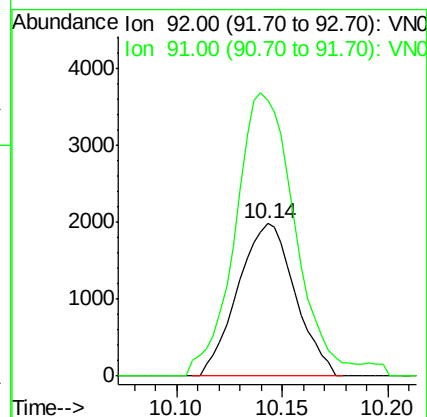
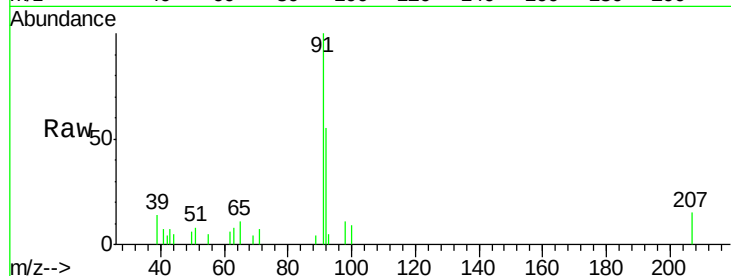
91 193.7 140.4 210.6

Manual Integrations

APPROVED

MMDadoda

1/28/2020 9:24:36 AM



#62

4-Bromofluorobenzene

Concen: 50.097 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059869.D

Acq: 27 Jan 2020 13:52

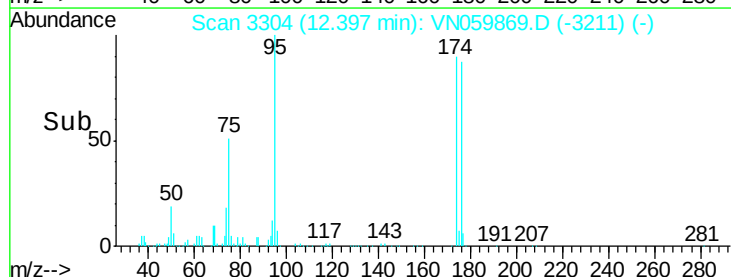
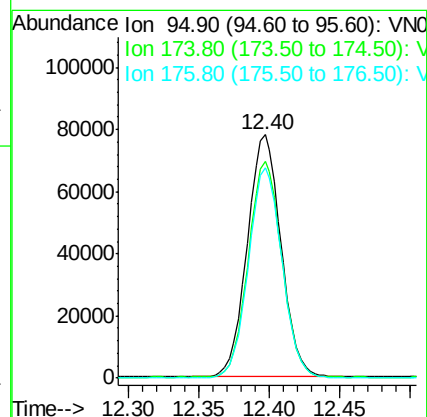
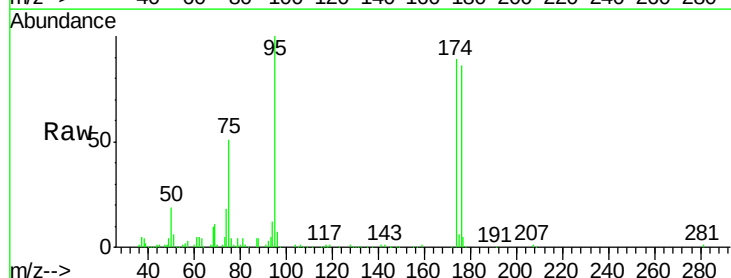
Tgt Ion: 95 Resp: 130602

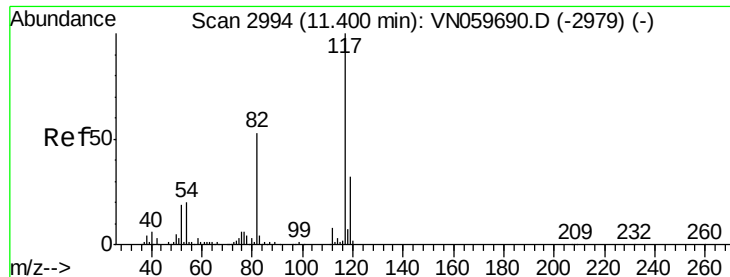
Ion Ratio Lower Upper

95 100

174 88.5 0.0 151.4

176 86.9 0.0 146.0





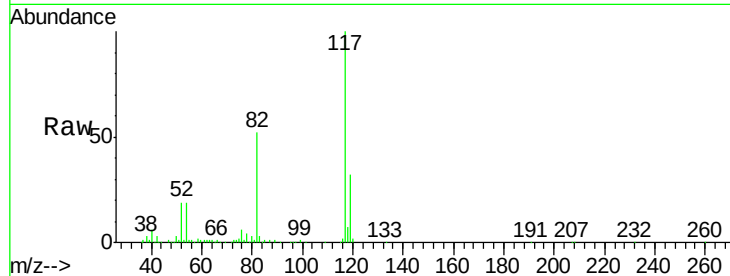
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059869.D
Acq: 27 Jan 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLESMEDL

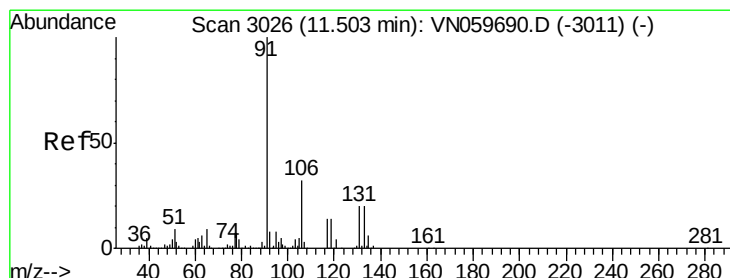
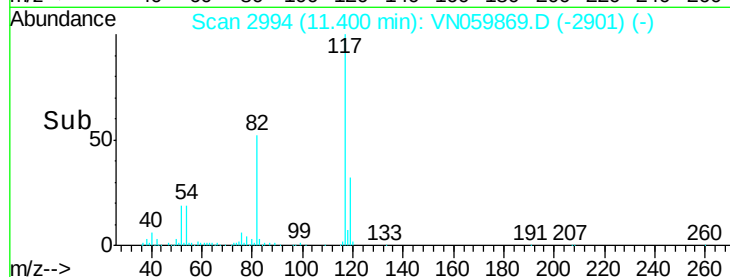
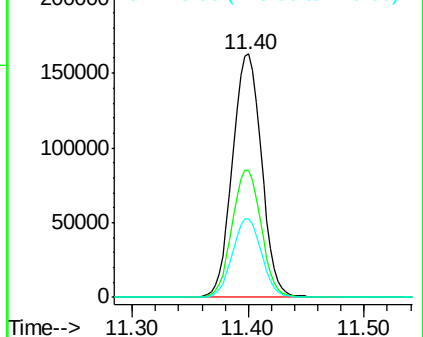
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.9	68.9
119	32.4	25.5	38.3

Manual Integrations
APPROVED

MMDadoda
1/28/2020 9:24:36 AM

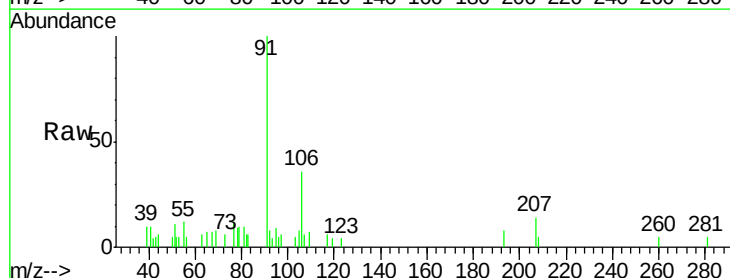


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

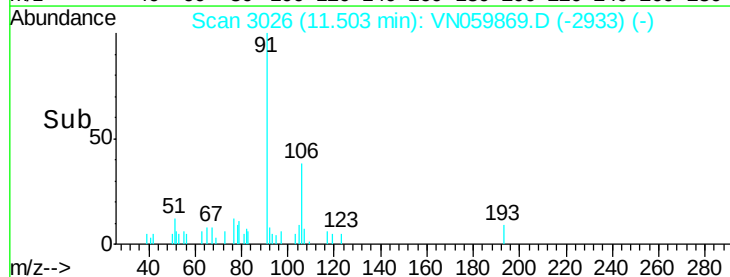
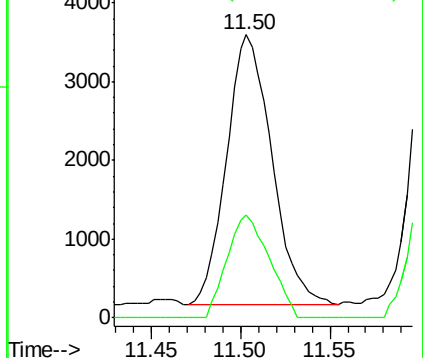


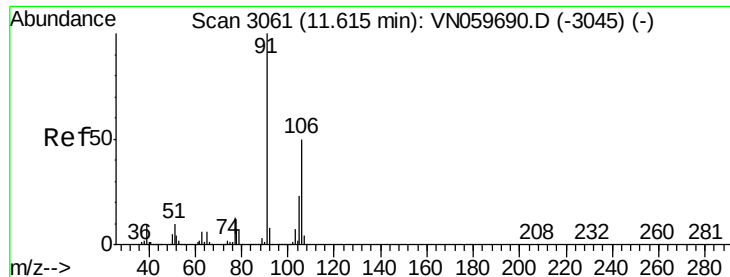
#67
Ethyl Benzene
Concen: 0.604 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059869.D
Acq: 27 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	38.1	24.1	36.1#



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V





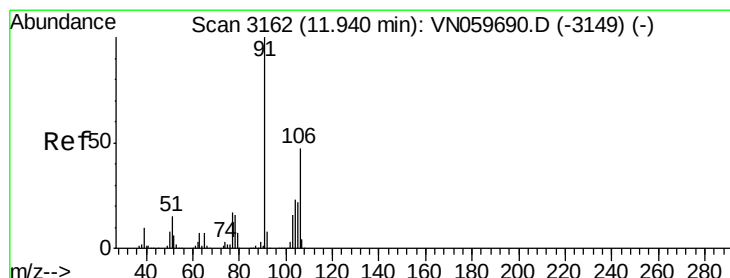
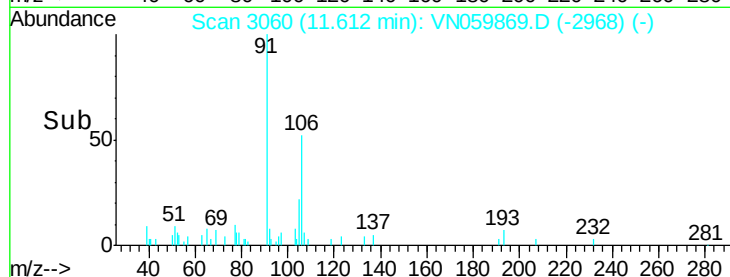
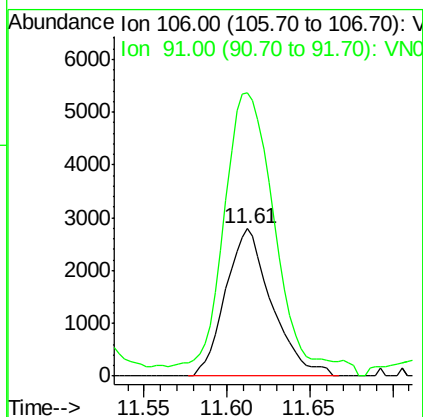
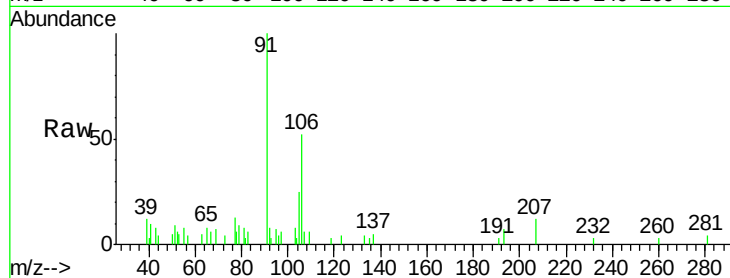
#68
m/p-Xylenes
Concen: 1.416 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059869.D
Acq: 27 Jan 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLESMEDL

Tot Ion:106 Resp: 5395
Ion Ratio Lower Upper
106 100
91 217.2 167.9 251.9

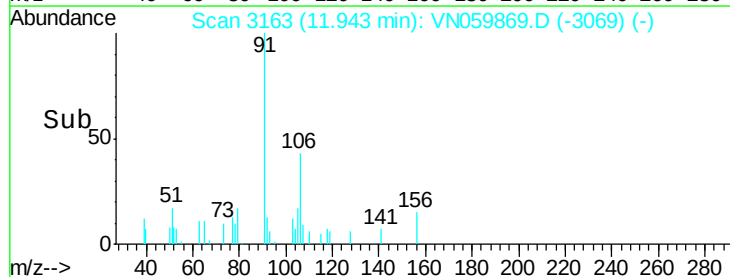
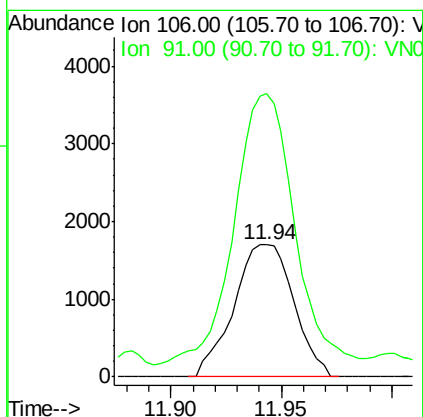
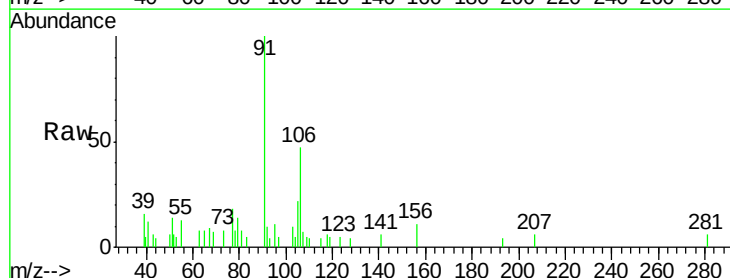
Manual Integrations
APPROVED

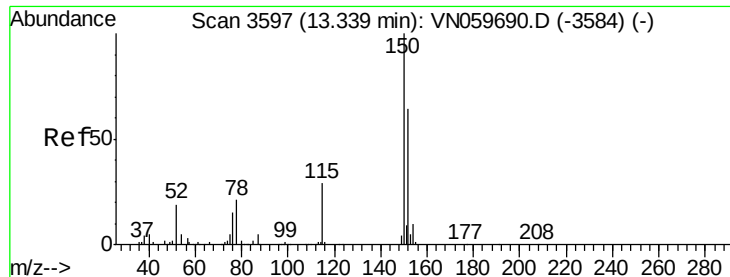
MMDadoda
1/28/2020 9:24:36 AM



#69
o-Xylene
Concen: 0.858 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059869.D
Acq: 27 Jan 2020 13:52

Tgt Ion:106 Resp: 3203
Ion Ratio Lower Upper
106 100
91 214.0 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059869.D

Acq: 27 Jan 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLESMEDL

Tot Ion:152 Resp: 138222

Ion Ratio Lower Upper

152 100

115 57.5 30.3 90.9

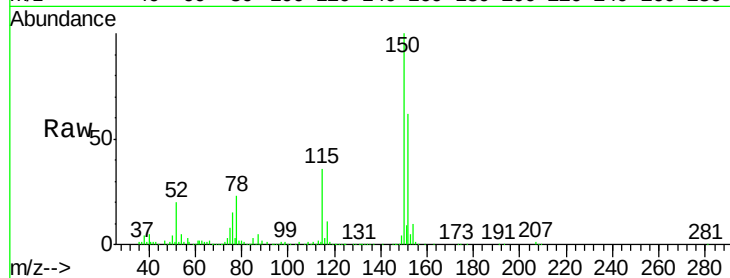
150 160.5 0.0 345.2

Manual Integrations

APPROVED

MMDadoda

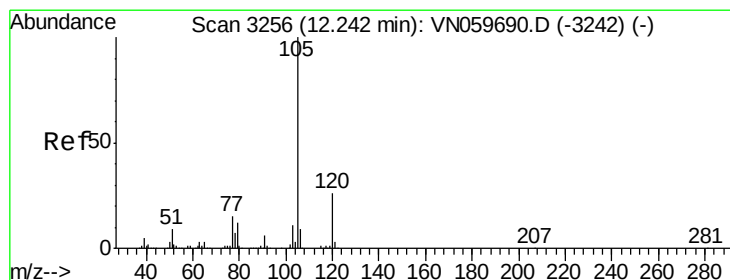
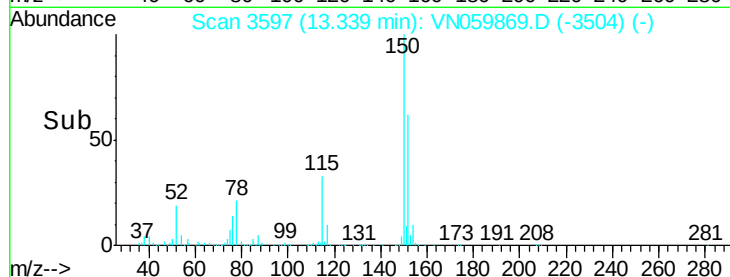
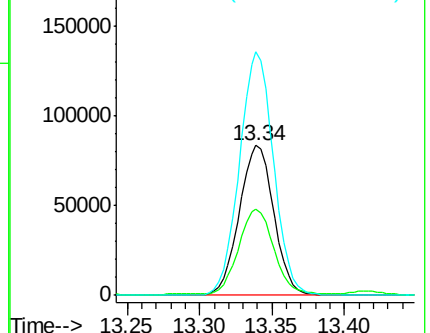
1/28/2020 9:24:36 AM



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: 0.678 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059869.D

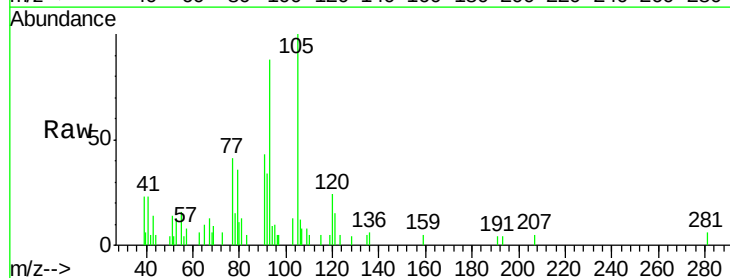
Acq: 27 Jan 2020 13:52

Tgt Ion:105 Resp: 6870

Ion Ratio Lower Upper

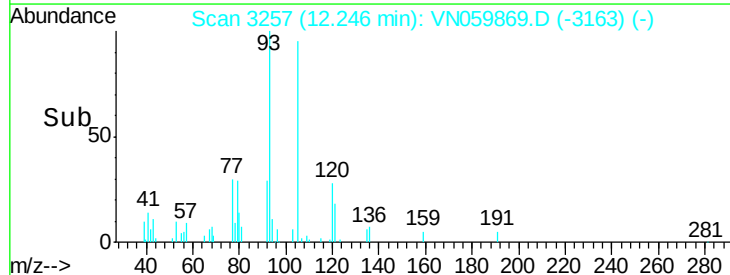
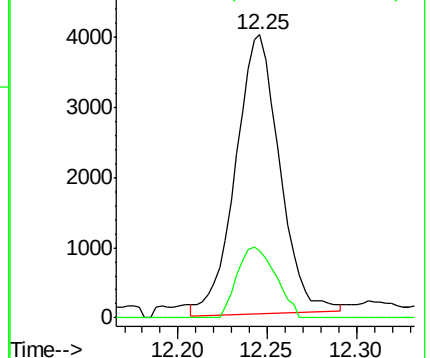
105 100

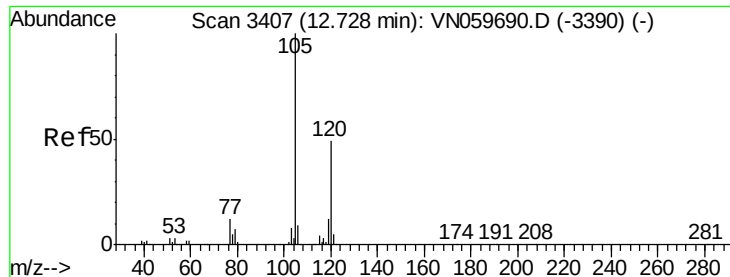
120 22.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 6.331 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059869.D

Acq: 27 Jan 2020 13:52

Instrument :

MSVOA_N

ClientSampleId :

CLIFTON-POLESMEDL

Tot Ion:105 Resp: 53975

Ion Ratio Lower Upper

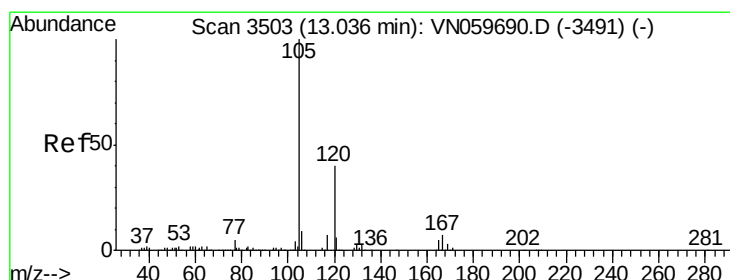
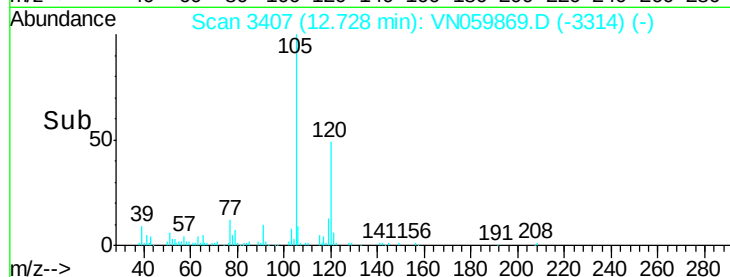
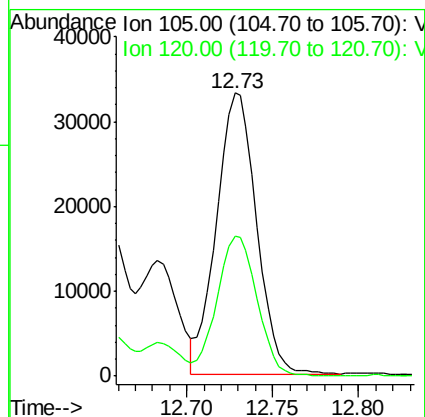
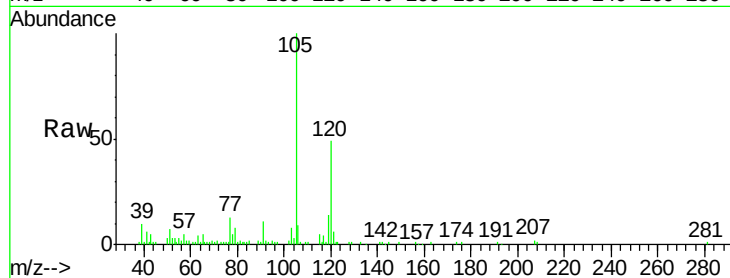
105 100

120 49.9 24.1 72.4

Manual Integrations
APPROVED

MMDadoda

1/28/2020 9:24:36 AM



#84

1,2,4-Trimethylbenzene

Concen: 14.743 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059869.D

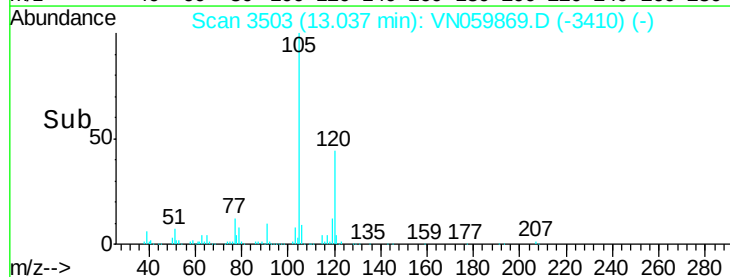
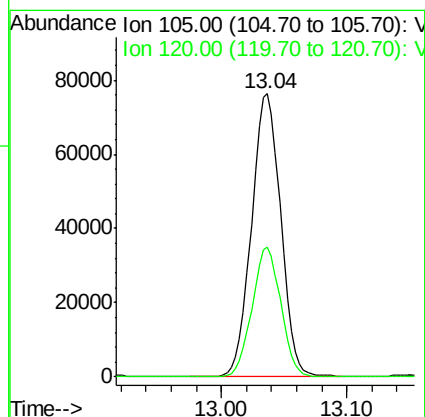
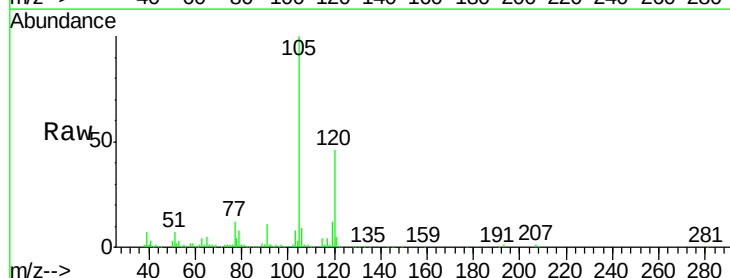
Acq: 27 Jan 2020 13:52

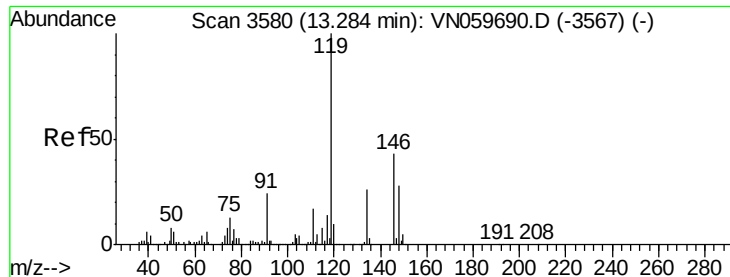
Tgt Ion:105 Resp: 124342

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





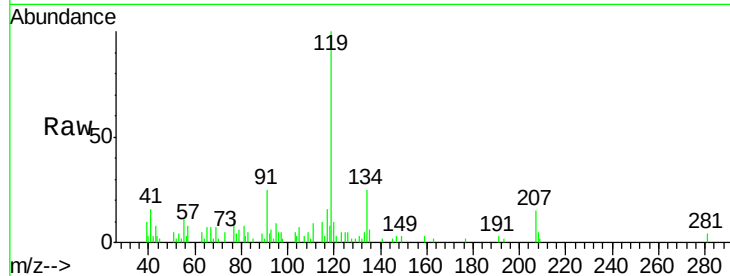
#86
p-Isopropyltoluene
Concen: 1.437 ug/l m
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN059869.D
Acq: 27 Jan 2020 13:52

Instrument :
MSVOA_N
ClientSampleId :
CLIFTON-POLESMEDL

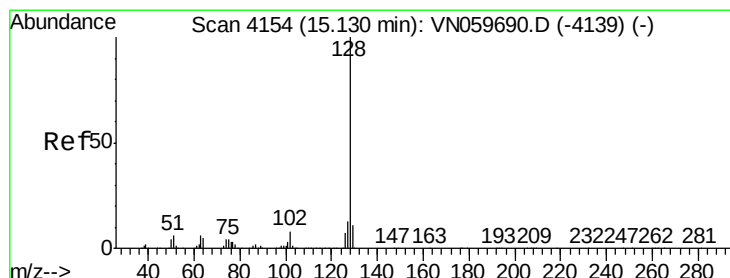
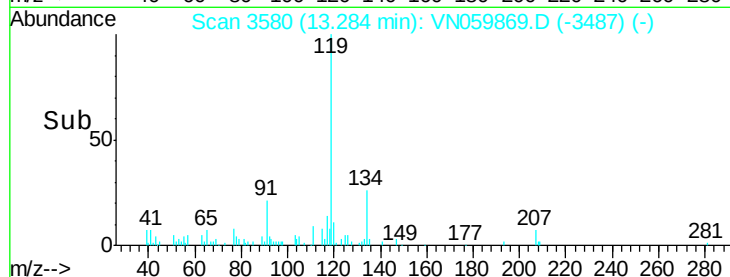
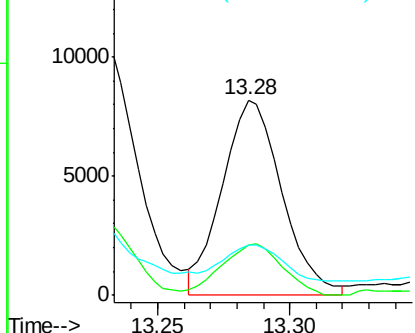
Tot Ion	Ratio	Lower	Upper
119	100		
134	38.6	12.9	38.7
91	33.9	12.4	37.4

Manual Integrations
APPROVED

MMDadoda
1/28/2020 9:24:36 AM

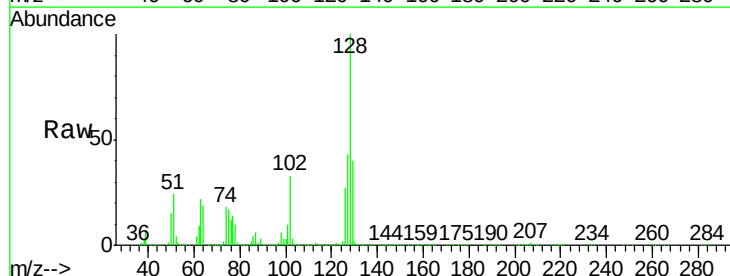


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 1154.198 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN059869.D
Acq: 27 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
128	100		
127	30.7	10.4	15.6#
129	27.7	8.6	12.8#



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

