

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061858.D
 Acq On : 17 Jun 2020 19:03
 Operator : JC/MD
 Sample : L3003-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0570DL

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:41 AM

Quant Time: Jun 18 06:28:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	140855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	92255	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.55	113	81082	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.06	98	314575	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.38	95	105689	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
4) Vinyl Chloride	2.16	62	3640	1.562	ug/l	99
16) Acetone	3.78	43	18673	33.464	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	1499m	0.912	ug/l	
25) 2-Butanone	6.79	43	386213	474.393	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	10038	5.292	ug/l	87
44) Trichloroethene	8.80	130	26095	14.248	ug/l	100
52) Toluene	10.12	92	3192	0.730	ug/l	88

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

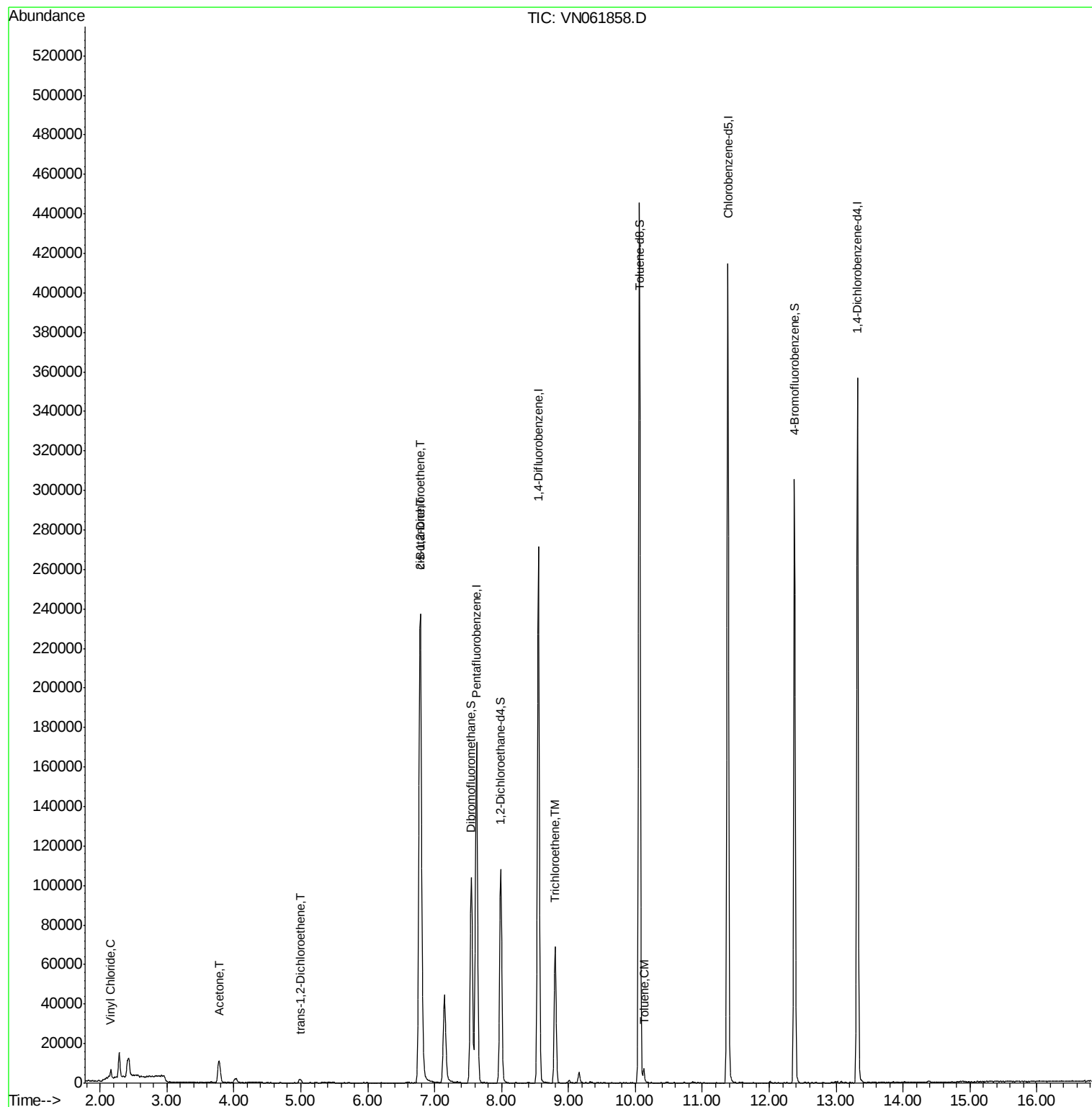
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
Data File : VN061858.D
Acq On : 17 Jun 2020 19:03
Operator : JC/MD
Sample : L3003-01DL 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S49-0570DL

Manual Integrations
APPROVED

MMDadoda
6/18/2020 9:37:41 AM

Quant Time: Jun 18 06:28:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061858.D

Acq: 17 Jun 2020 19:03

Instrument :

MSVOA_N

ClientSampleId :

S49-0570DL

Tot Ion:168 Resp: 140855

Ion Ratio Lower Upper

168 100

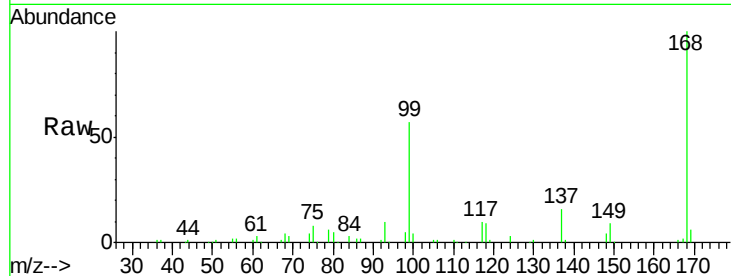
99 57.2 44.6 67.0

Manual Integrations

APPROVED

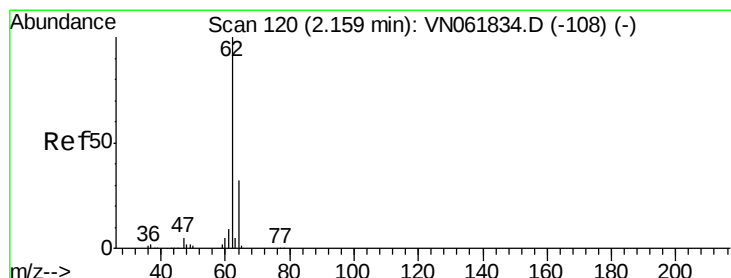
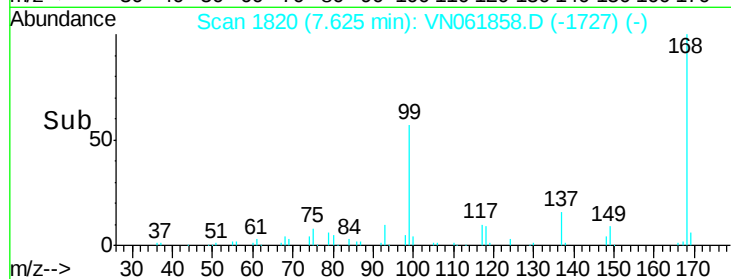
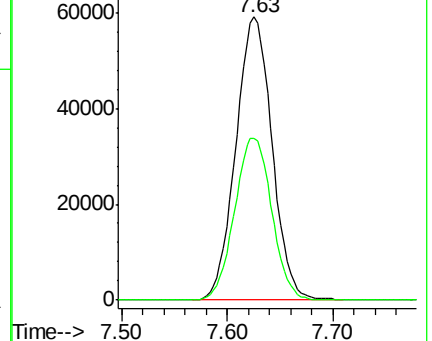
MMDadoda

6/18/2020 9:37:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#4

Vinyl Chloride

Concen: 1.562 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061858.D

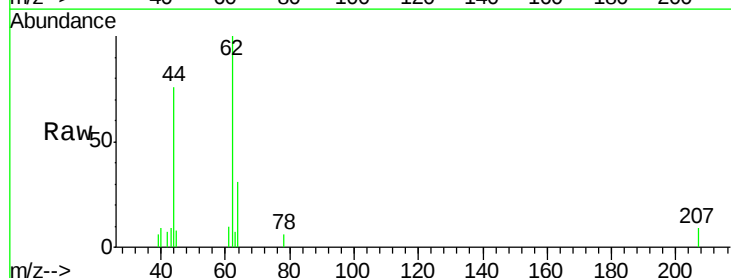
Acq: 17 Jun 2020 19:03

Tgt Ion: 62 Resp: 3640

Ion Ratio Lower Upper

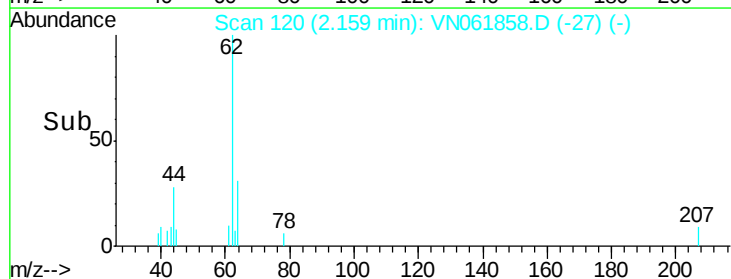
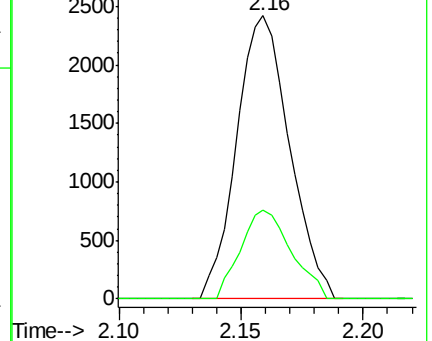
62 100

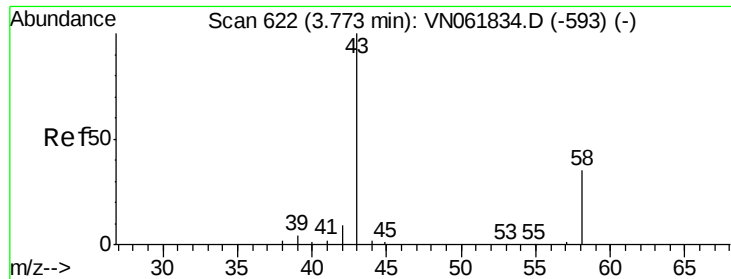
64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN





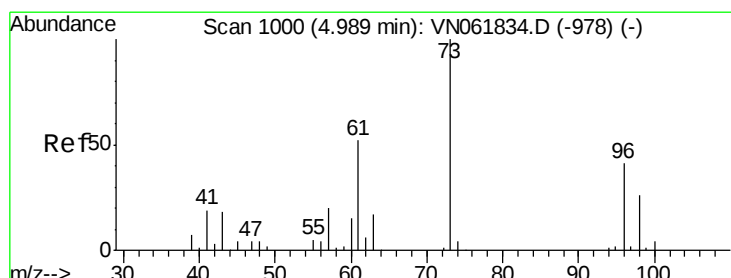
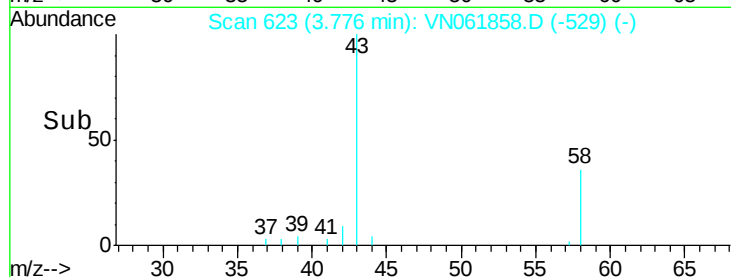
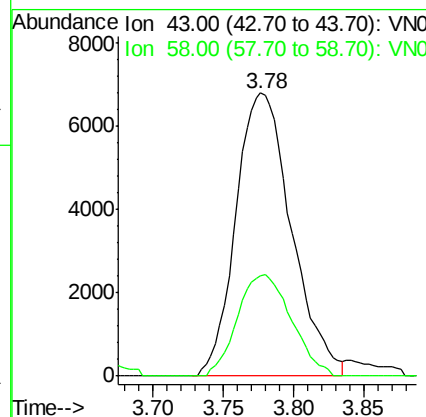
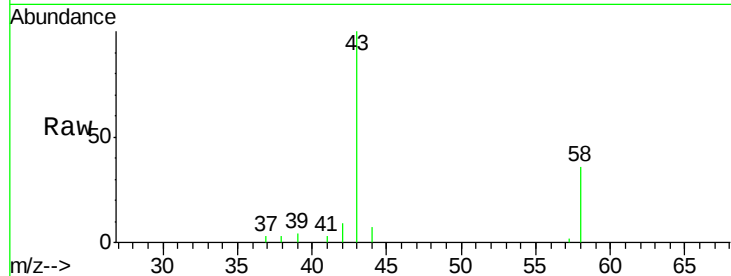
#16
Acetone
Concen: 33.464 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0570DL

Tot Ion: 43 Resp: 18673
Ion Ratio Lower Upper
43 100
58 35.7 27.8 41.8

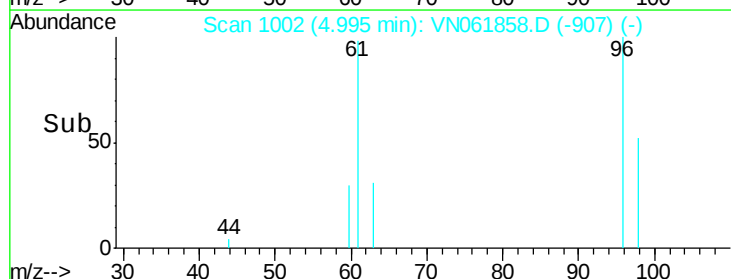
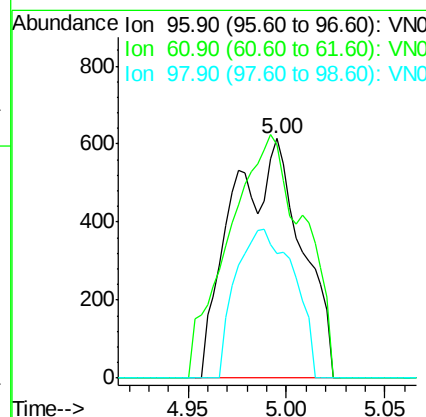
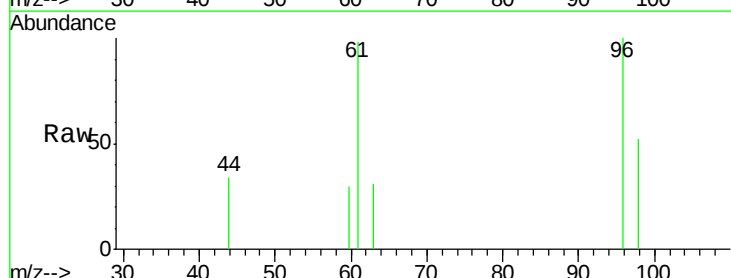
Manual Integrations
APPROVED

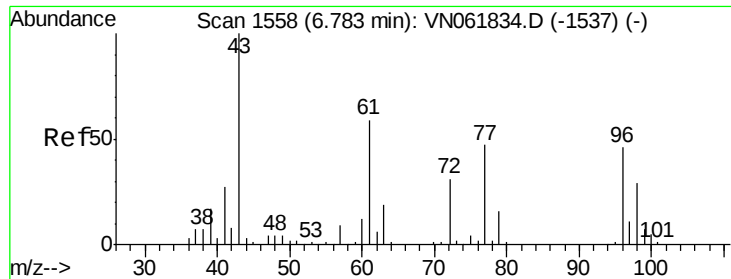
MMDadoda
6/18/2020 9:37:41 AM



#21
trans-1,2-Dichloroethene
Concen: 0.912 ug/l m
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Tgt Ion: 96 Resp: 1499
Ion Ratio Lower Upper
96 100
61 97.6 102.2 153.4#
98 52.0 51.2 76.8





#25

2-Butanone

Concen: 474.393 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061858.D

Acq: 17 Jun 2020 19:03

Instrument :

MSVOA_N

ClientSampled :

S49-0570DL

Tot Ion: 43 Resp: 386213

Ion Ratio Lower Upper

43 100

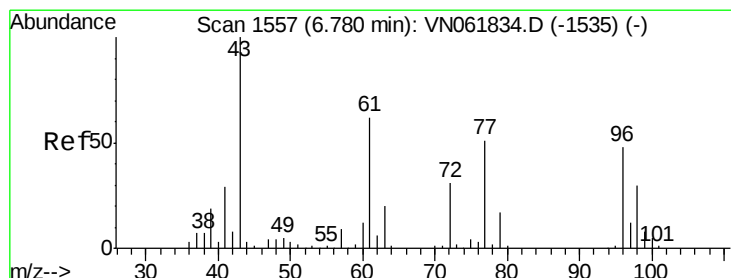
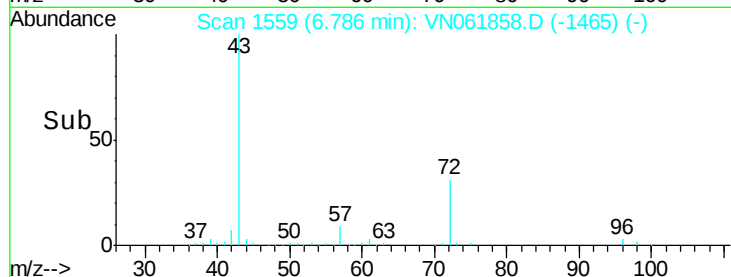
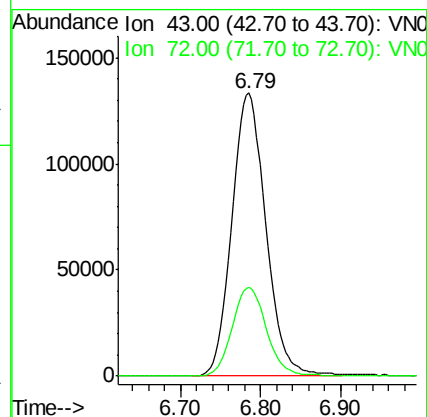
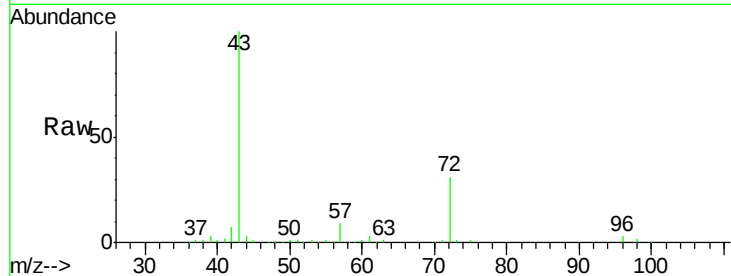
72 31.4 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

6/18/2020 9:37:41 AM



#27

cis-1,2-Dichloroethene

Concen: 5.292 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061858.D

Acq: 17 Jun 2020 19:03

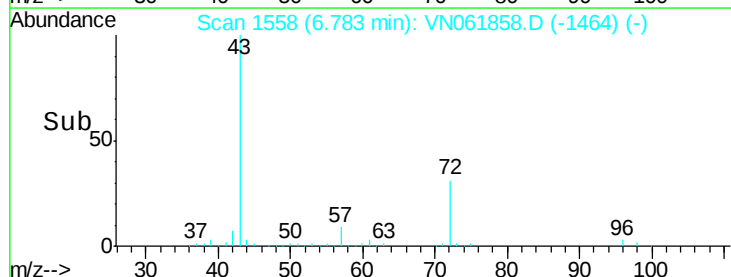
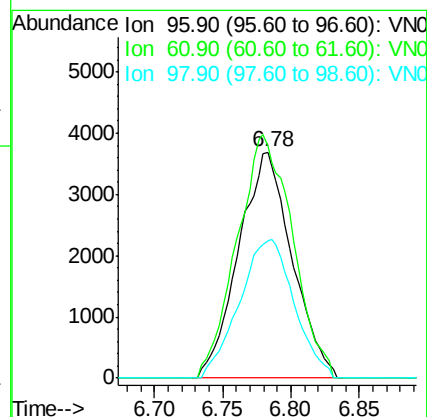
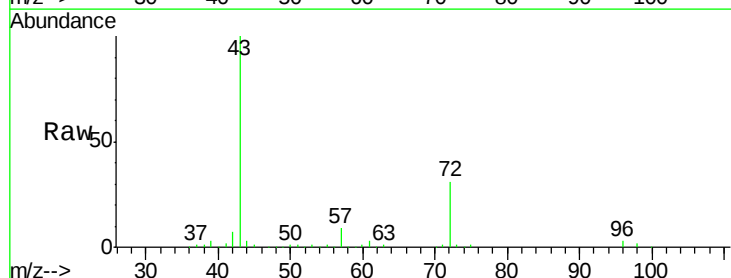
Tgt Ion: 96 Resp: 10038

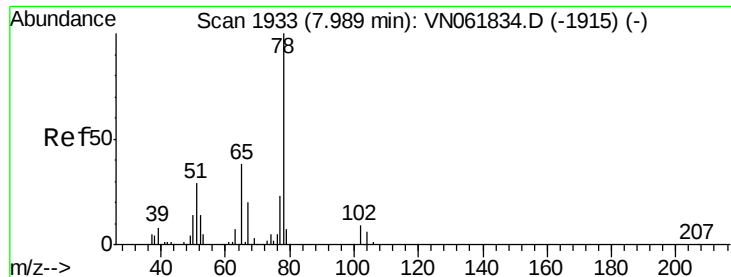
Ion Ratio Lower Upper

96 100

61 111.6 0.0 265.6

98 62.6 0.0 128.2





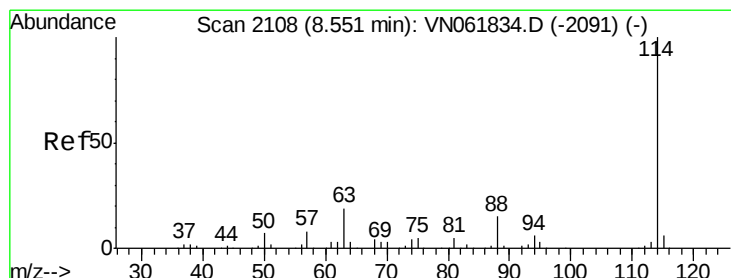
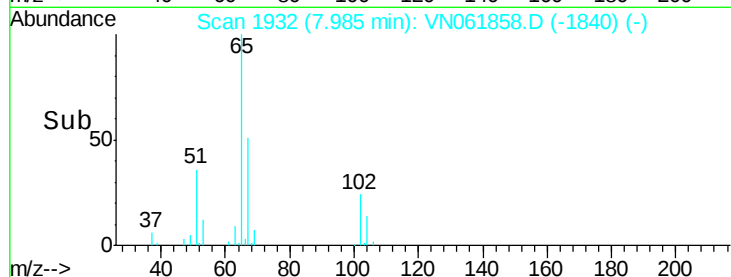
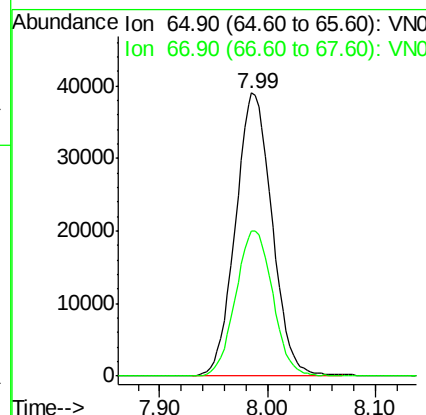
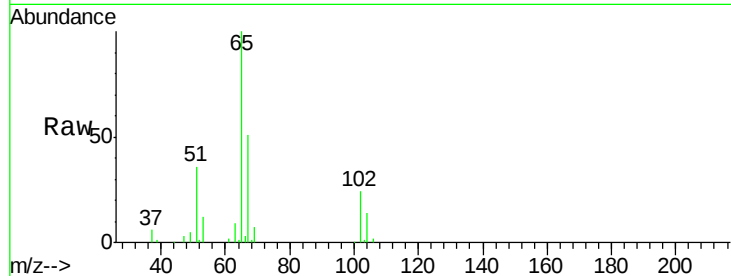
#33
 1,2-Dichloroethane-d4
 Concen: 48.836 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061858.D
 Acq: 17 Jun 2020 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0570DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	92255		
67	52.0	0.0	106.2	

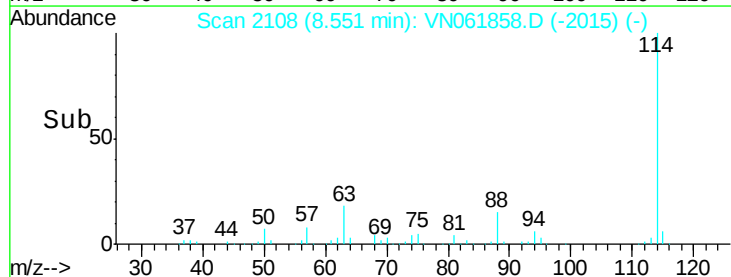
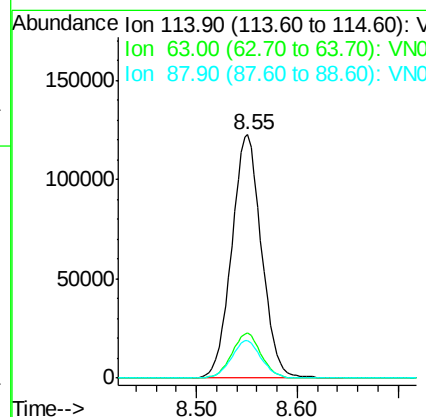
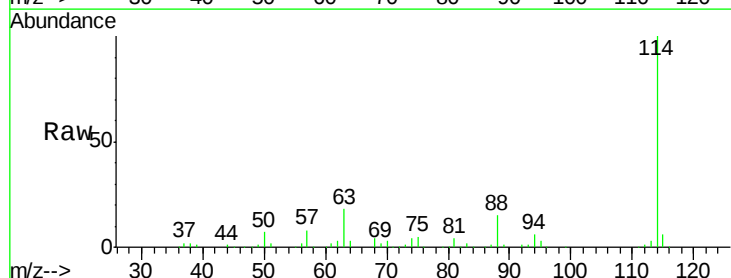
Manual Integrations
 APPROVED

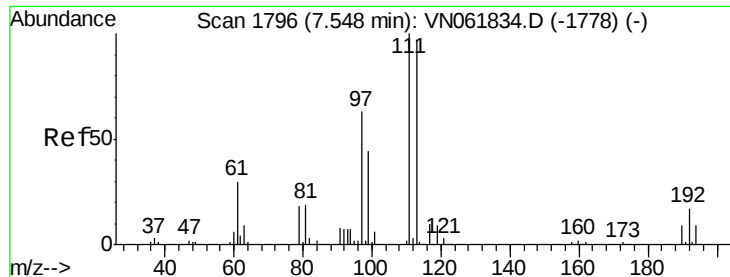
MMDadoda
 6/18/2020 9:37:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061858.D
 Acq: 17 Jun 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251878		
63	18.4	0.0	37.6	
88	15.2	0.0	31.0	





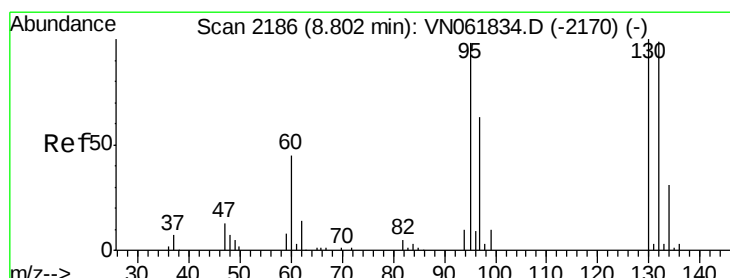
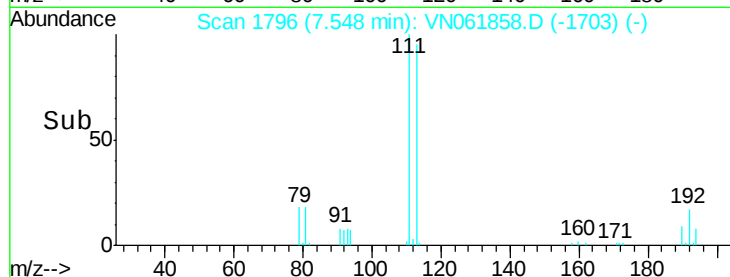
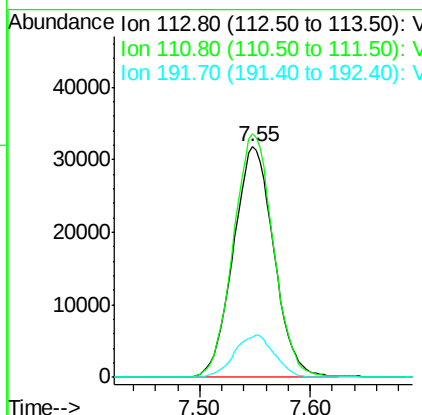
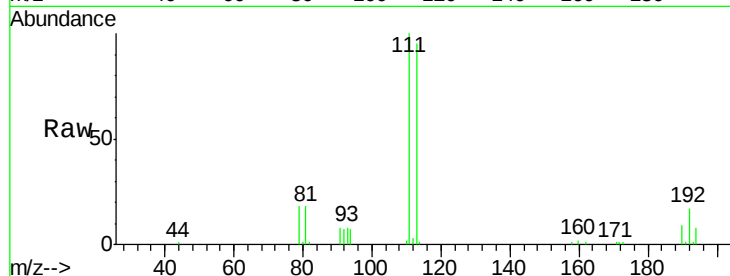
#35
Dibromofluoromethane
Concen: 50.318 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0570DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.7	125.5
192	18.0	13.9	20.9

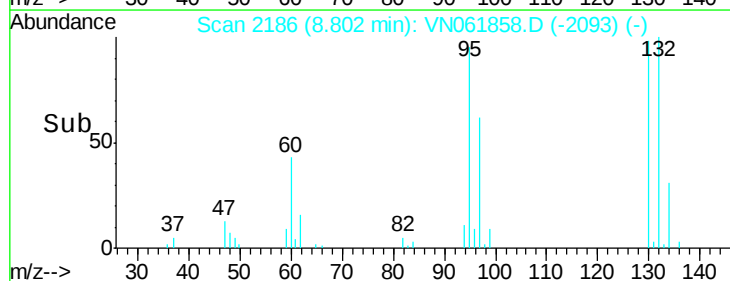
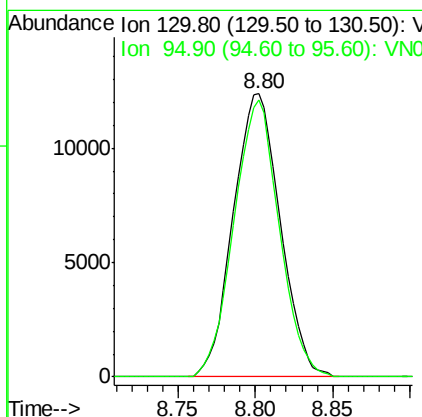
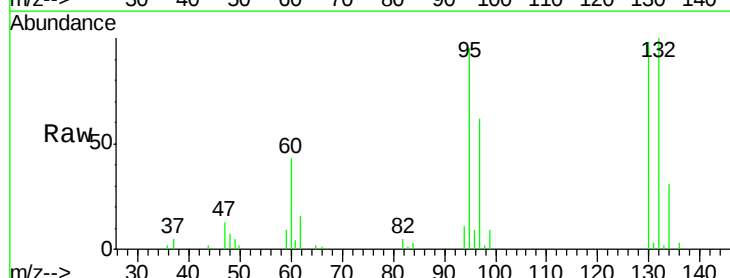
Manual Integrations
APPROVED

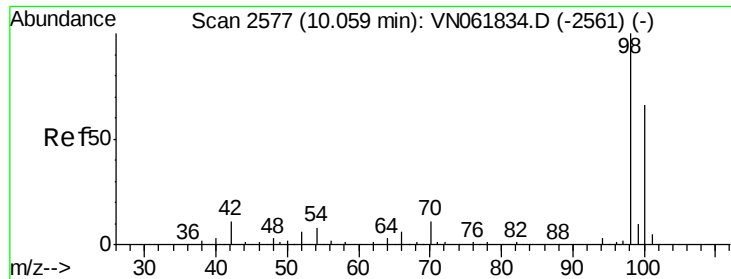
MMDadoda
6/18/2020 9:37:41 AM



#44
Trichloroethene
Concen: 14.248 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	195.6





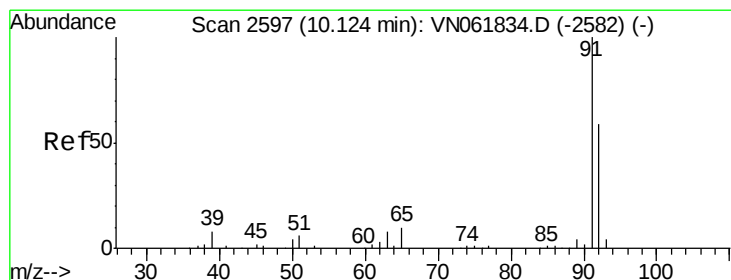
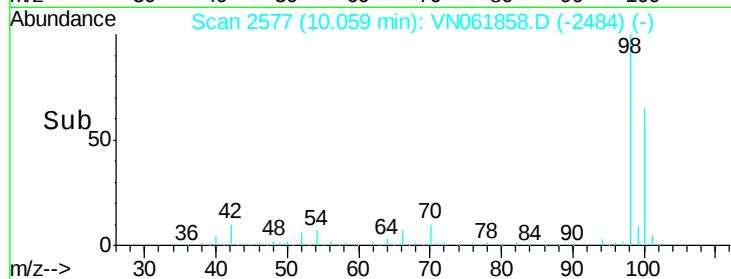
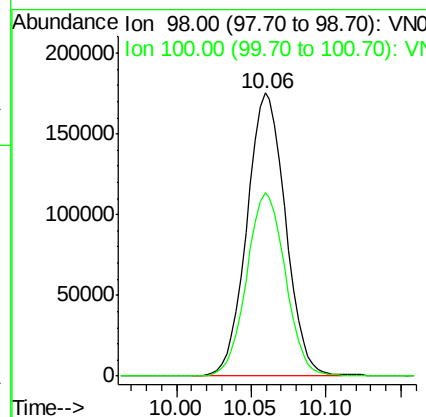
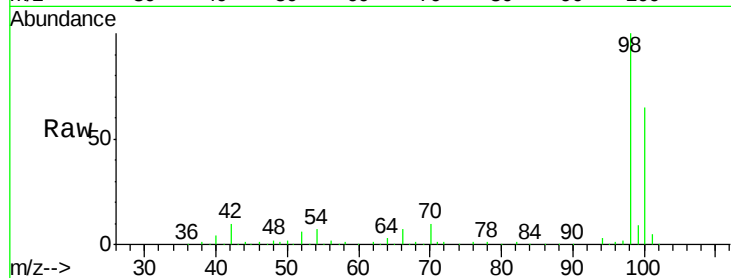
#50
Toluene-d8
Concen: 49.657 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0570DL

Tot Ion: 98 Resp: 314575
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

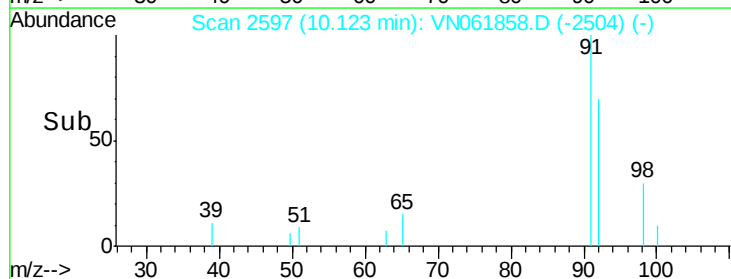
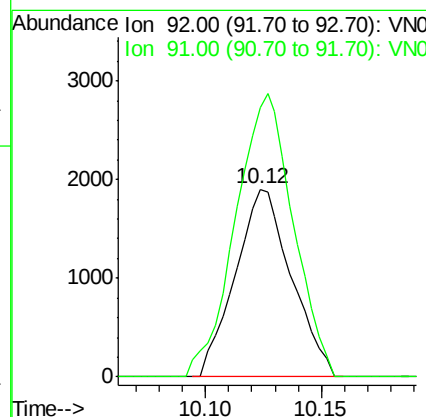
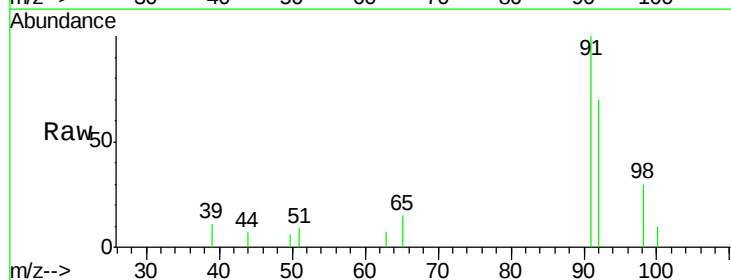
Manual Integrations
APPROVED

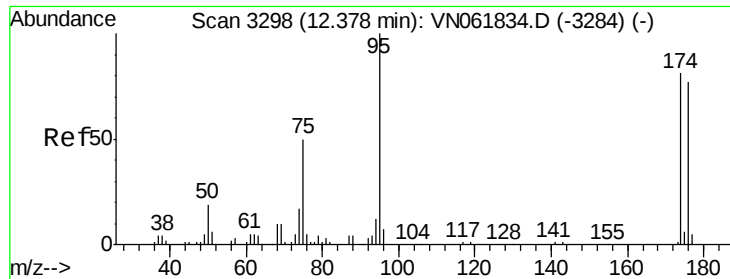
MMDadoda
6/18/2020 9:37:41 AM



#52
Toluene
Concen: 0.730 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Tgt Ion: 92 Resp: 3192
Ion Ratio Lower Upper
92 100
91 155.1 137.1 205.7





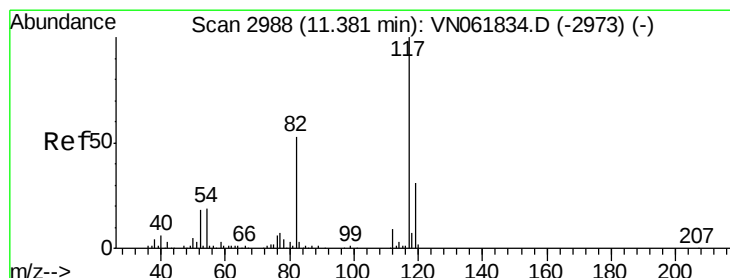
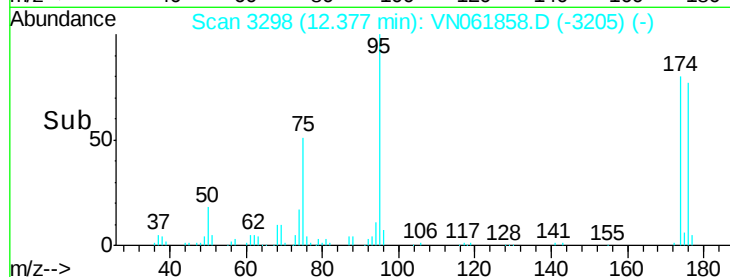
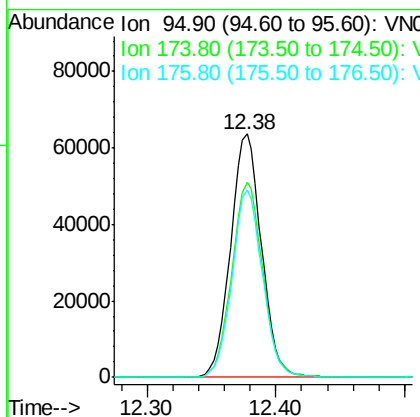
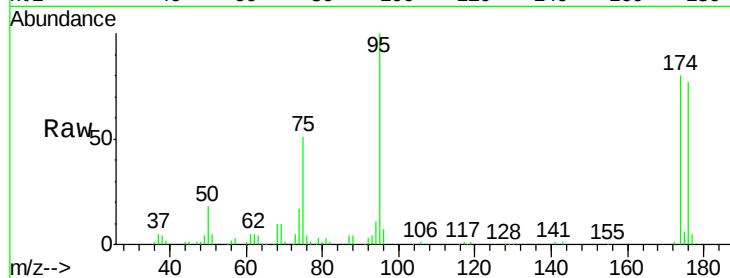
#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0570DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	105689		
174	80.9	0.0	158.6	
176	76.2	0.0	152.0	

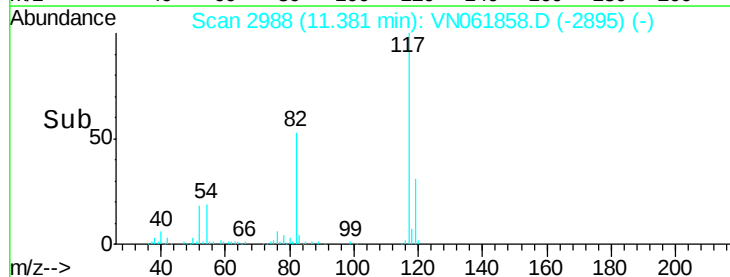
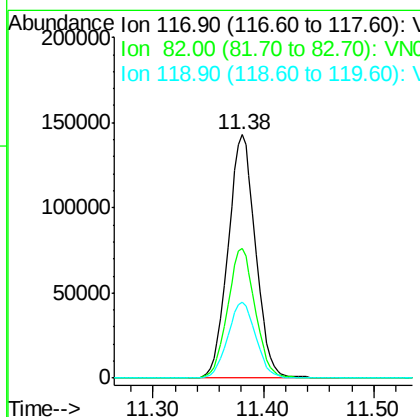
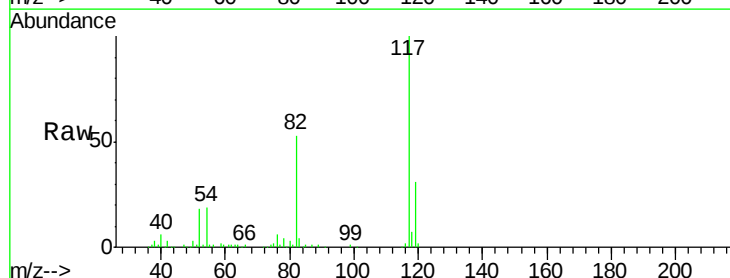
Manual Integrations
APPROVED

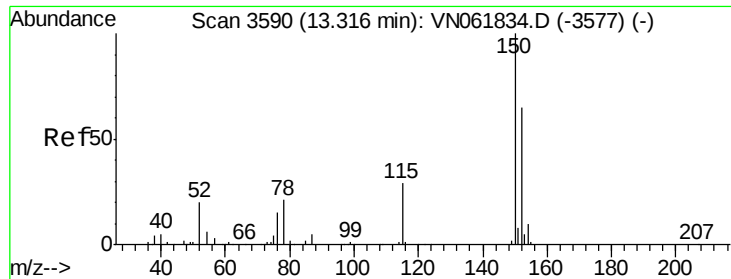
MMDadoda
6/18/2020 9:37:41 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061858.D
Acq: 17 Jun 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	245963		
82	53.3	42.6	64.0	
119	31.1	24.7	37.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061858.D

Acq: 17 Jun 2020 19:03

Instrument :

MSVOA_N

ClientSampleId :

S49-0570DL

Tot Ion:152 Resp: 98827

Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.3

150 157.9 0.0 347.6

Manual Integrations
APPROVED

MMDadoda

6/18/2020 9:37:41 AM

