

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061357.D
 Acq On : 8 May 2020 13:26
 Operator : JC/MD
 Sample : L2544-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW037-200504

Manual Integrations
 APPROVED

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 5/11/2020 12:36:40 PM

Quant Time: May 11 02:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	83042	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	7.55	113	53874	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	10.06	98	228634	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.38	95	89887	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.16	62	6733	4.622	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	9115	6.770	ug/l	89
39) Methylcyclohexane	9.05	83	4019	1.937	ug/l	88
65) Chlorobenzene	11.41	112	41005	11.708	ug/l	99
73) Isopropylbenzene	12.22	105	30887	5.153	ug/l	99
78) n-propylbenzene	12.57	91	8304	1.168	ug/l	94
83) tert-Butylbenzene	12.97	119	39802	9.514	ug/l	94
85) sec-Butylbenzene	13.15	105	154169	27.030	ug/l #	61
87) 1,3-Dichlorobenzene	13.26	146	3333	1.308	ug/l	92
88) 1,4-Dichlorobenzene	13.34	146	7253	2.787	ug/l	88
89) n-Butylbenzene	13.59	91	3179m	0.675	ug/l	

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

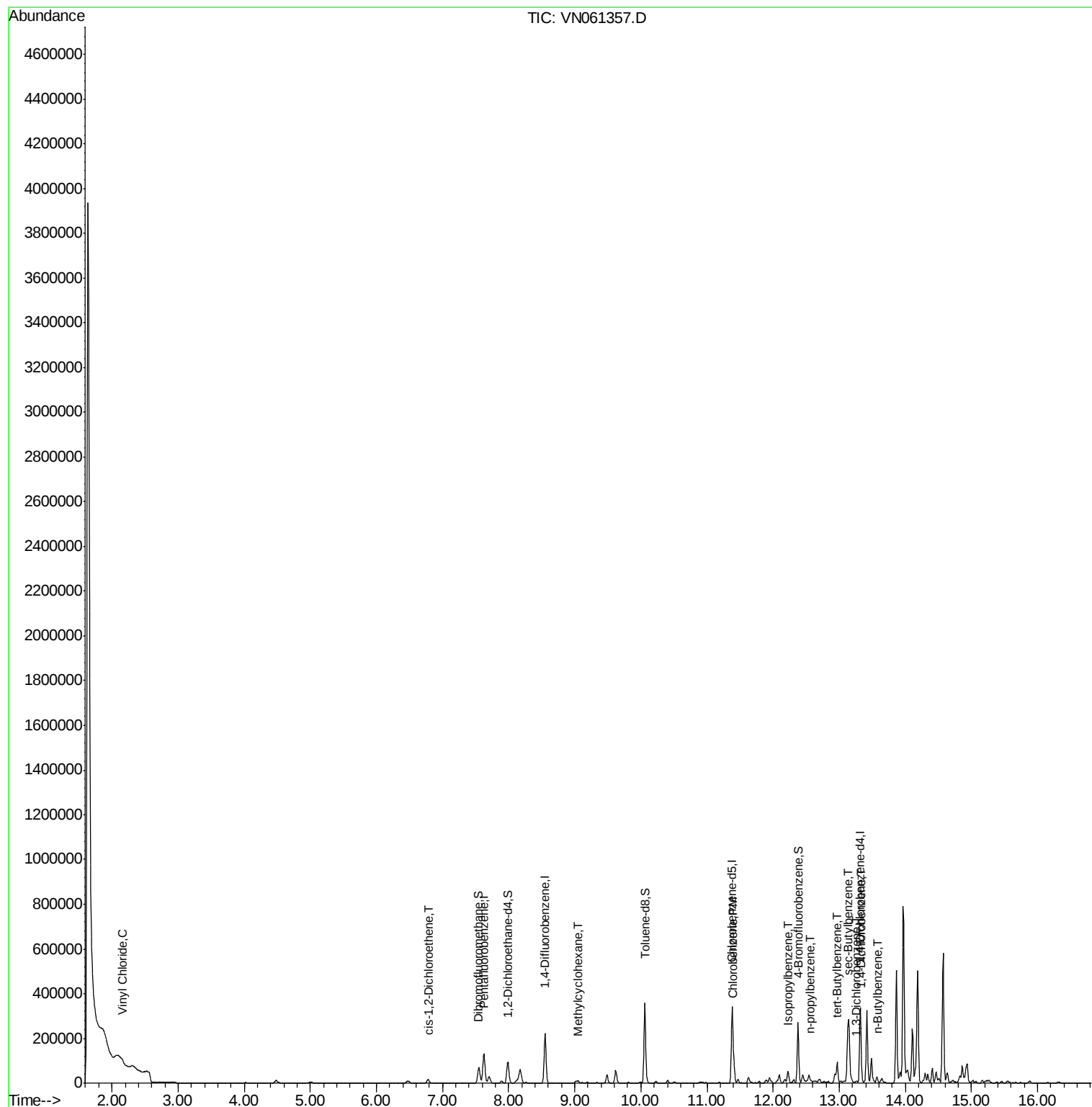
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061357.D
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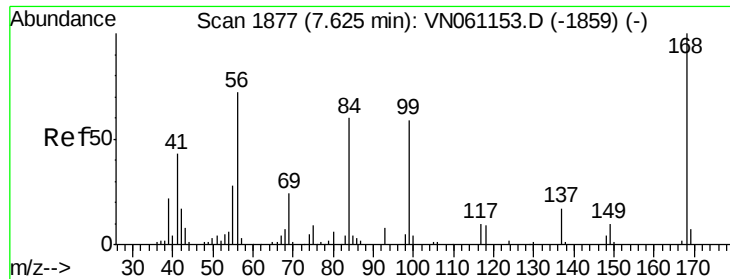
Instrument :
MSVOA_N
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Quant Time: May 11 02:31:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

ST008MW037-200504

Tot Ion:168 Resp: 99863

Ion Ratio Lower Upper

168 100

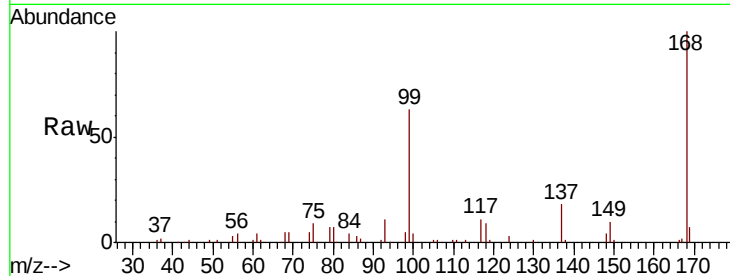
99 63.3 51.2 76.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

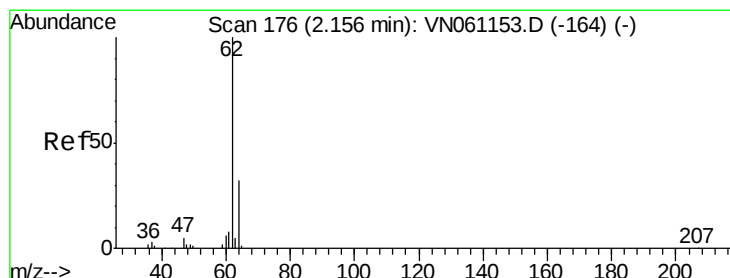
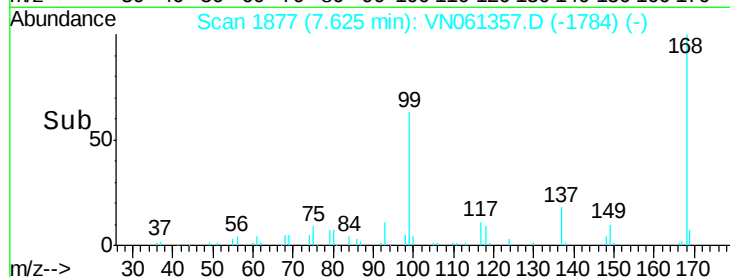
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 4.622 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061357.D

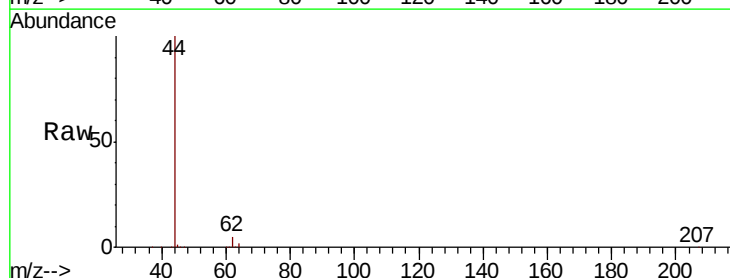
Acq: 8 May 2020 13:26

Tgt Ion: 62 Resp: 6733

Ion Ratio Lower Upper

62 100

64 33.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

5000

4000

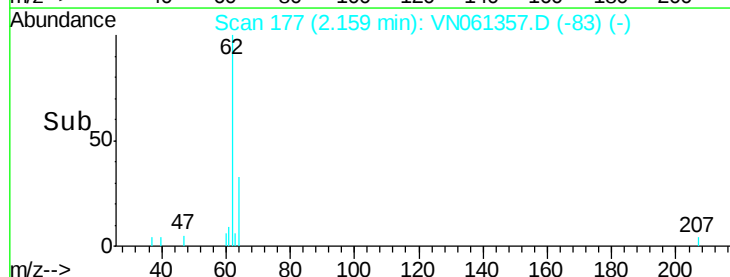
3000

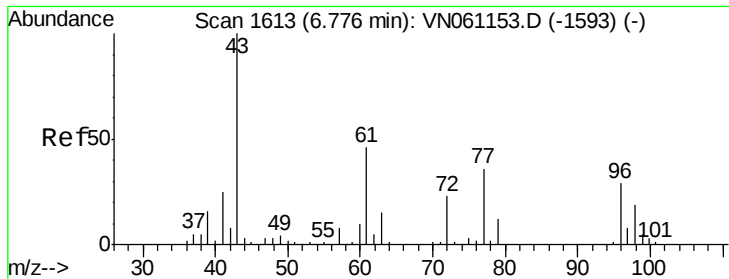
2000

1000

0

Time--> 2.10 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 6.770 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Instrument :

MSVOA_N

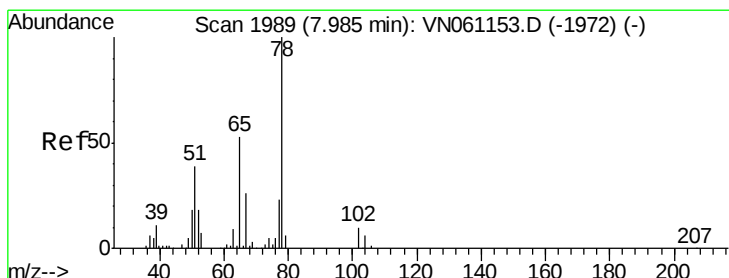
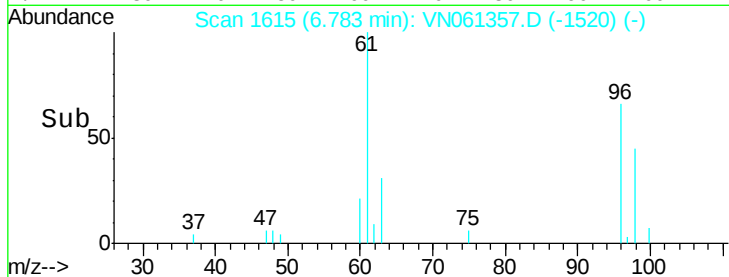
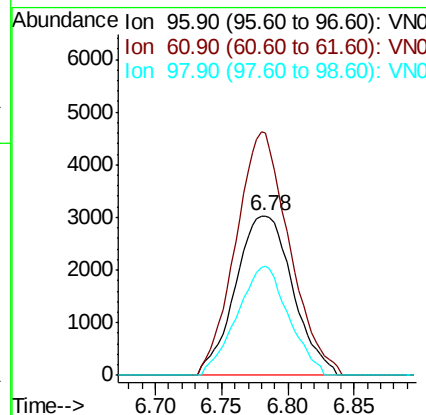
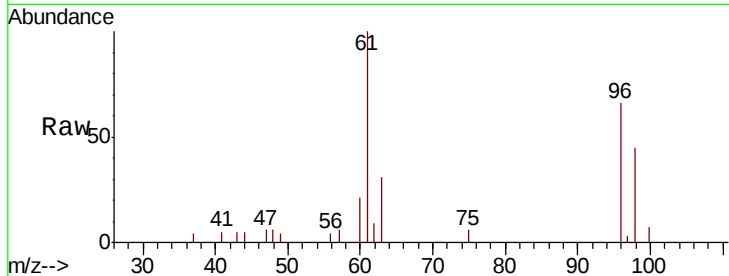
ClientSampleId :

ST008MW037-200504

Tot Ion:	96	Resp:	9115
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	322.0
98	61.4	0.0	129.6

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#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

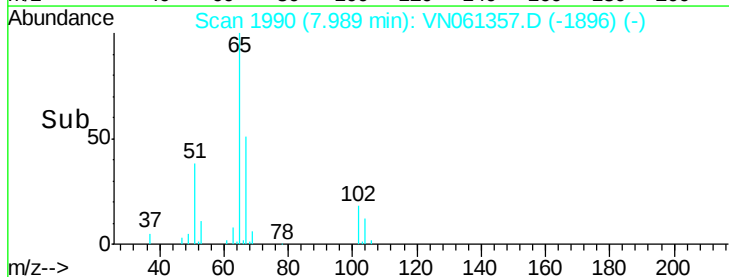
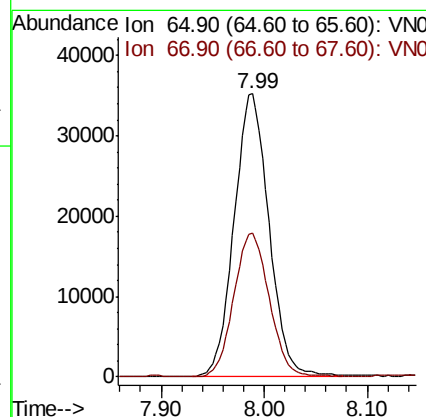
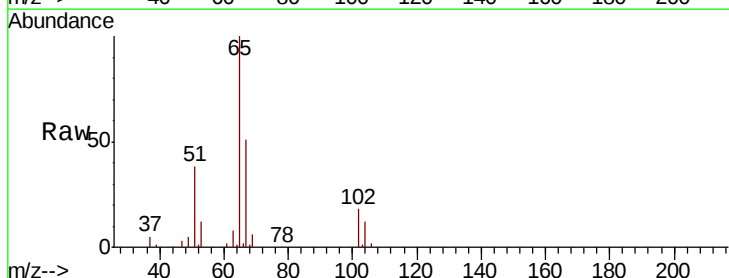
RT: 7.99 min Scan# 1990

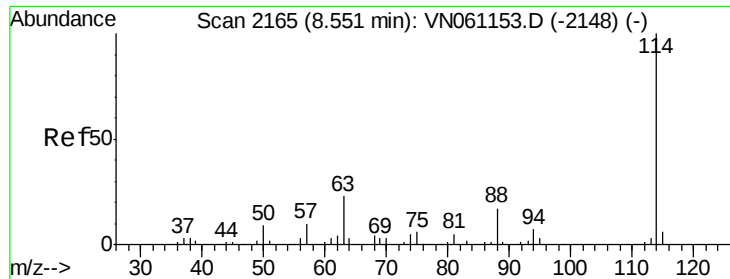
Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Tgt Ion:	65	Resp:	83042
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.6





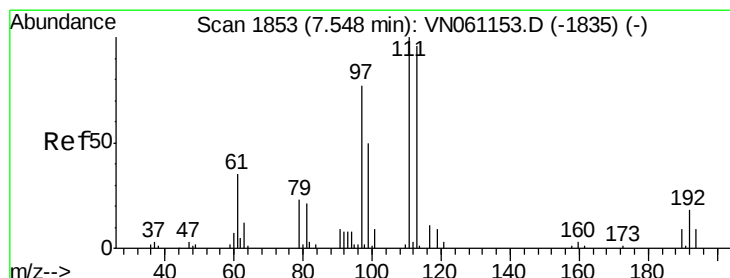
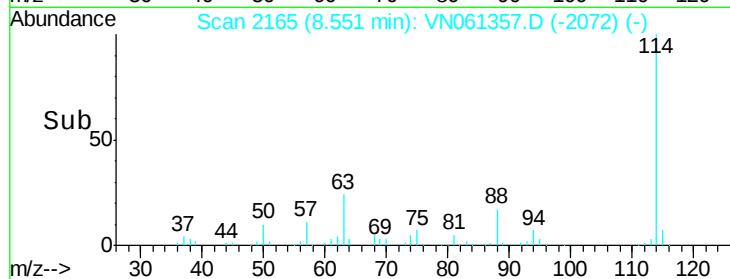
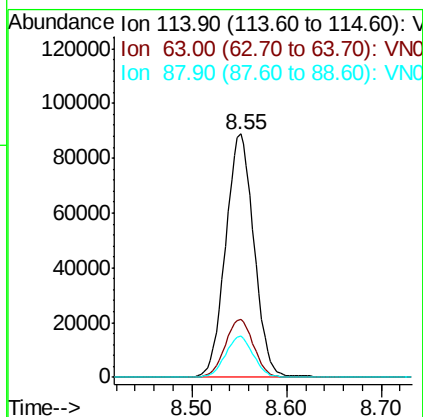
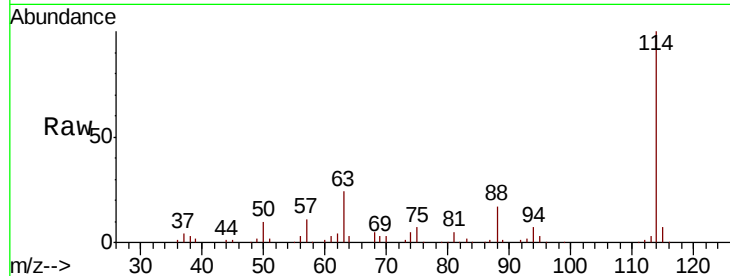
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061357.D
 Acq: 8 May 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW037-200504

Tot Ion	Ratio	Resp	Lower	Upper
114	100	184821		
63	24.0	0.0	46.6	
88	16.9	0.0	33.4	

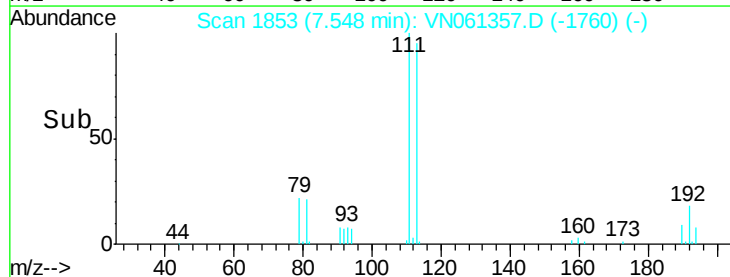
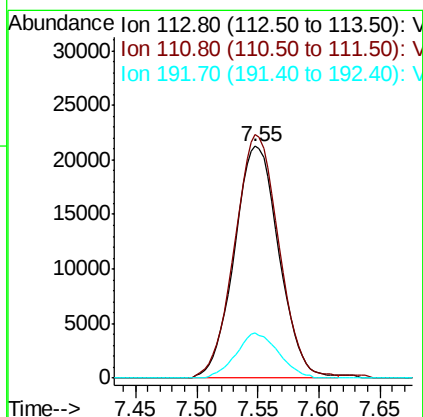
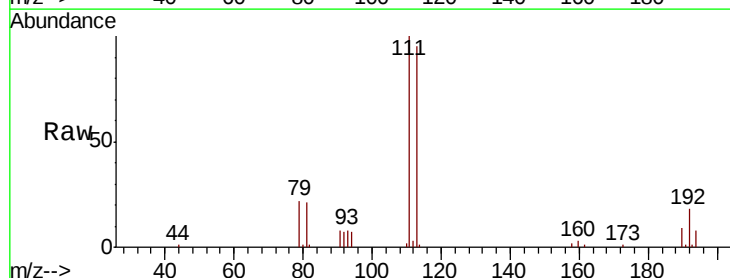
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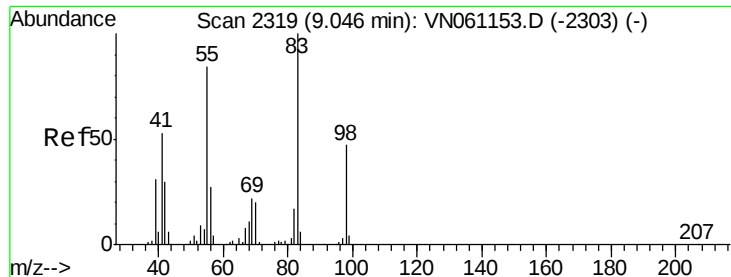
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#35
 Dibromofluoromethane
 Concen: 49.295 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061357.D
 Acq: 8 May 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	53874		
111	104.1	82.9	124.3	
192	18.5	14.7	22.1	





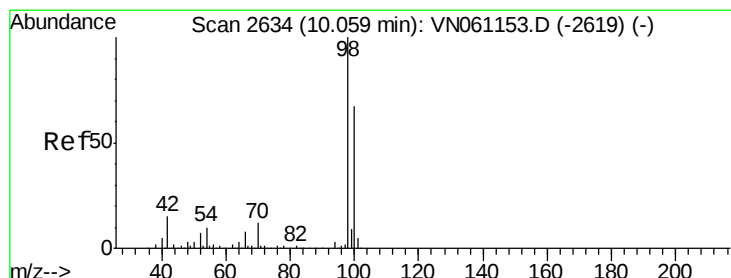
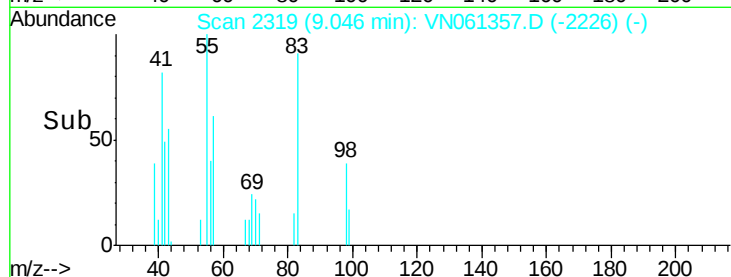
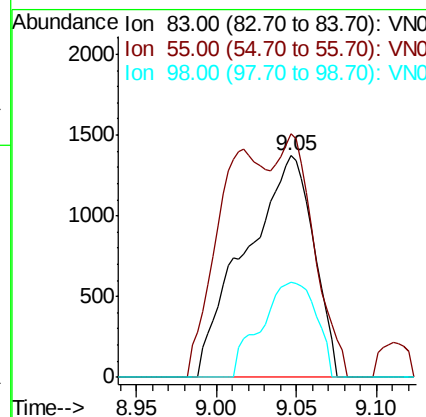
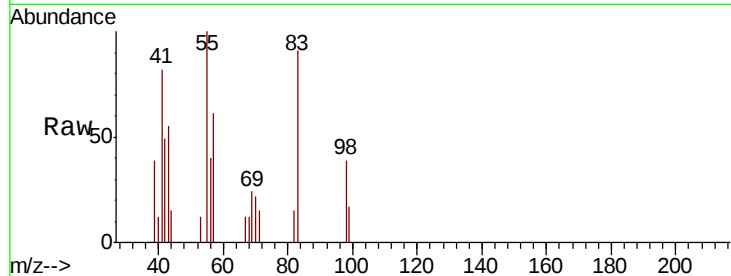
#39
Methvlcvclohexane
Concen: 1.937 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061357.D
Acq: 8 May 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
ST008MW037-200504

Tot Ion	Ratio	Lower	Upper
83	100		
55	97.6	67.3	100.9
98	43.0	37.7	56.5

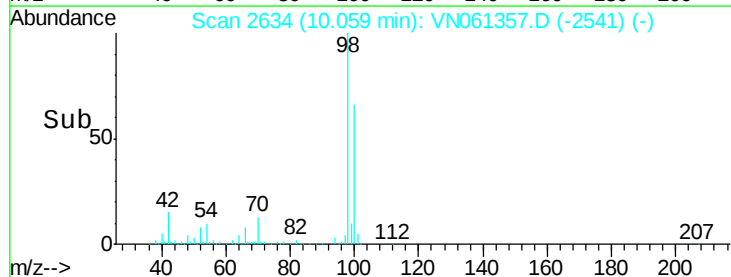
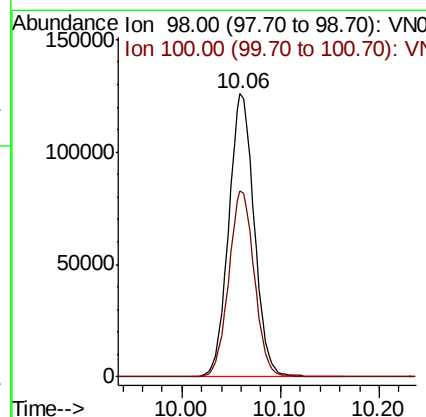
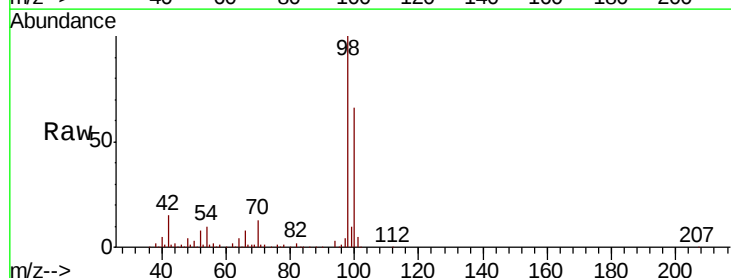
Manual Integrations
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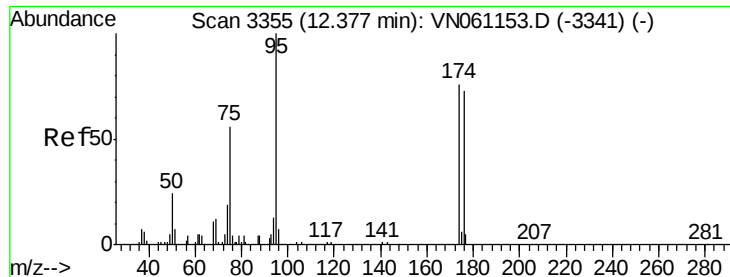
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#50
Toluene-d8
Concen: 51.319 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061357.D
Acq: 8 May 2020 13:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0





#62

4-Bromofluorobenzene

Concen: 53.614 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Instrument :

MSVOA_N

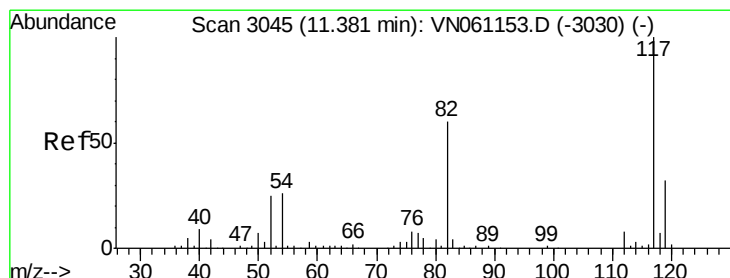
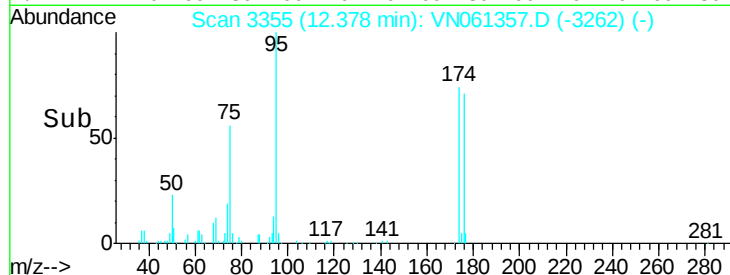
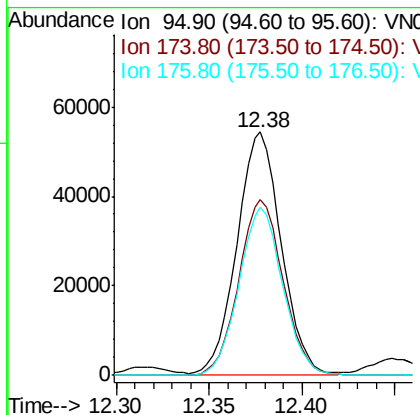
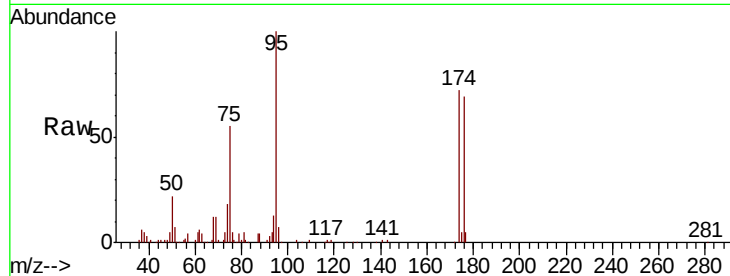
ClientSampleId :

ST008MW037-200504

Tot Ion:	95	Resp:	89887
Ion Ratio	Lower	Upper	
95	100		
174	72.4	0.0	149.4
176	68.6	0.0	144.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

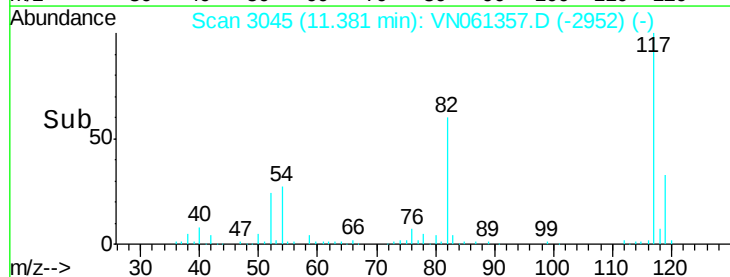
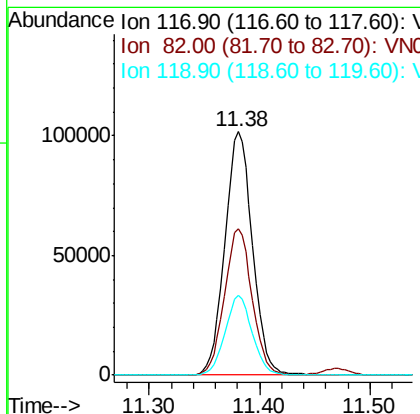
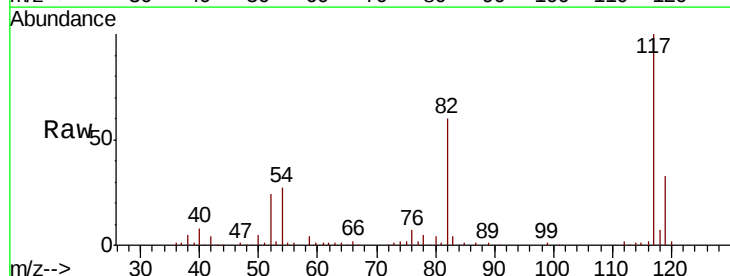
RT: 11.38 min Scan# 3045

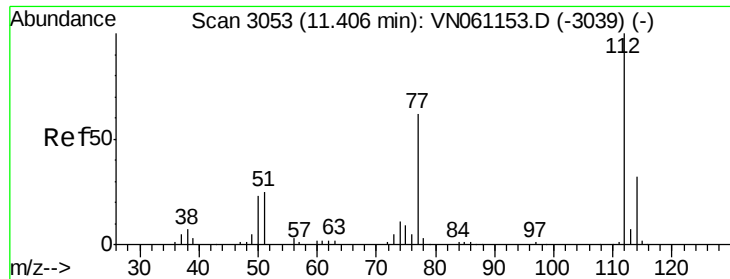
Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Tgt Ion:	117	Resp:	176551
Ion Ratio	Lower	Upper	
117	100		
82	60.3	47.8	71.8
119	32.5	25.8	38.6





#65

Chlorobenzene

Concen: 11.708 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

ST008MW037-200504

Tot Ion:112 Resp: 41005

Ion Ratio Lower Upper

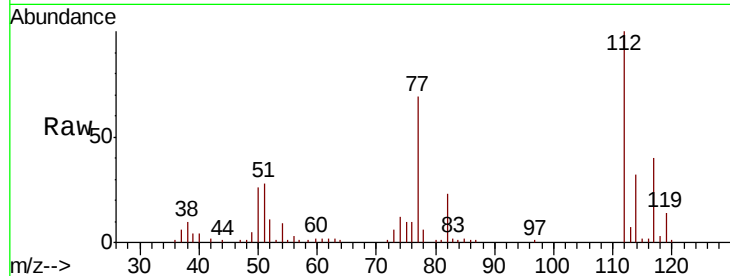
112 100

114 32.4 25.4 38.2

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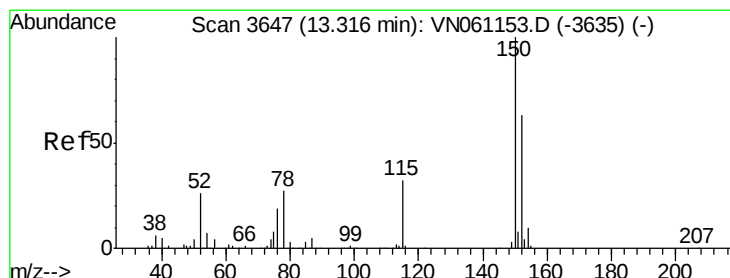
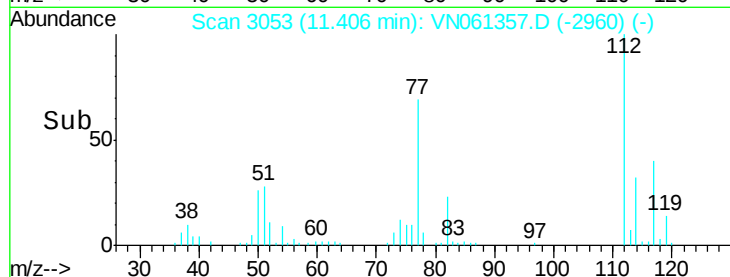
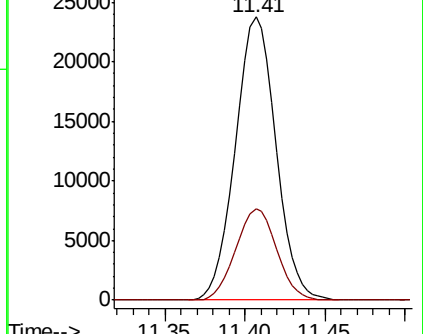
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

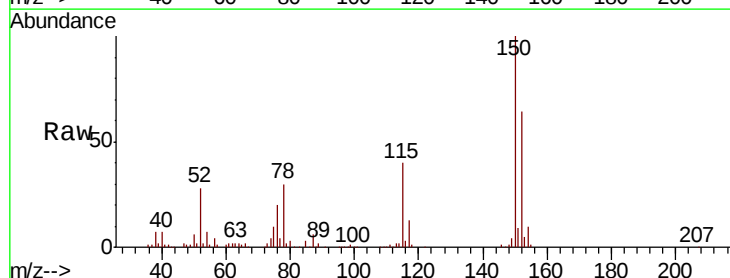
Tgt Ion:152 Resp: 81541

Ion Ratio Lower Upper

152 100

115 63.3 31.0 93.0

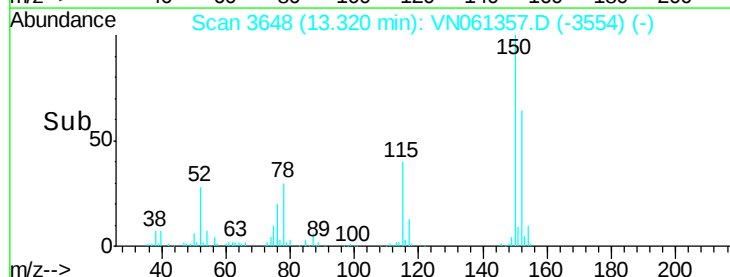
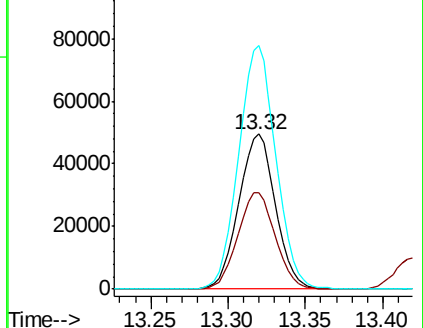
150 159.6 0.0 351.8

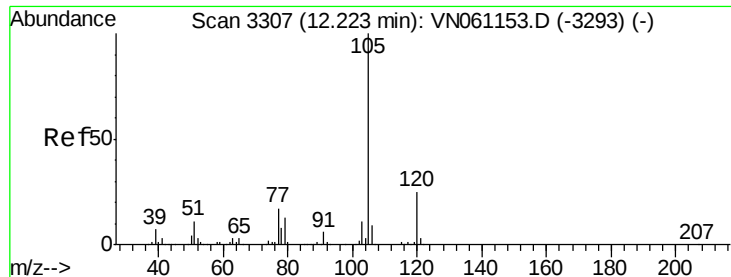


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.153 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:105 Resp: 30887

Ion Ratio Lower Upper

105 100

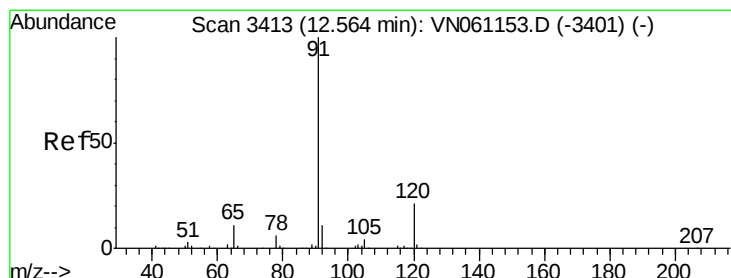
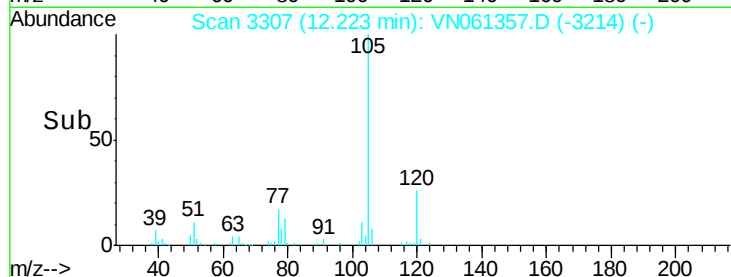
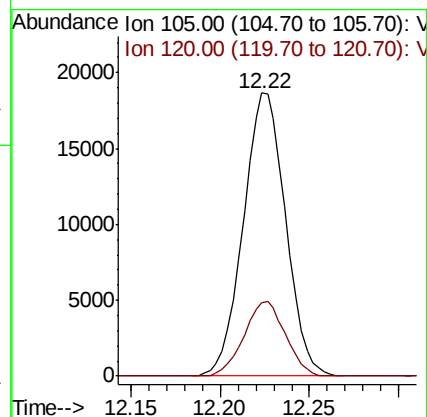
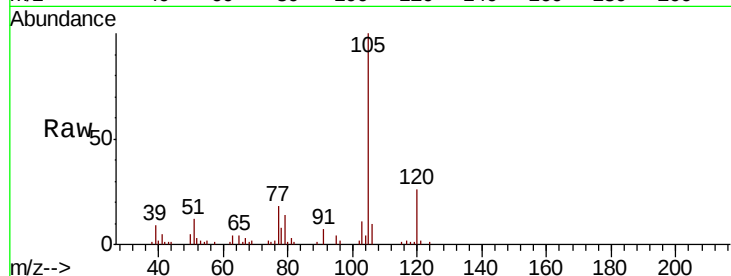
120 25.7 12.6 37.8

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#78

n-propylbenzene

Concen: 1.168 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061357.D

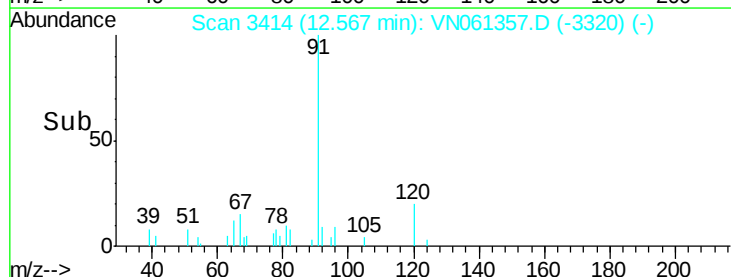
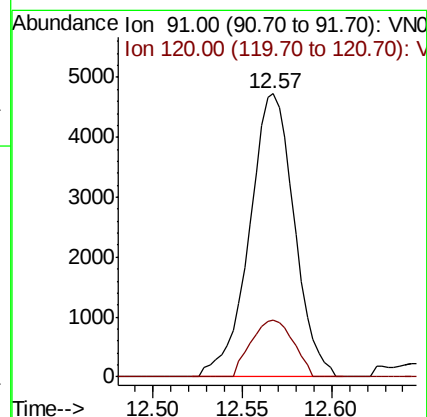
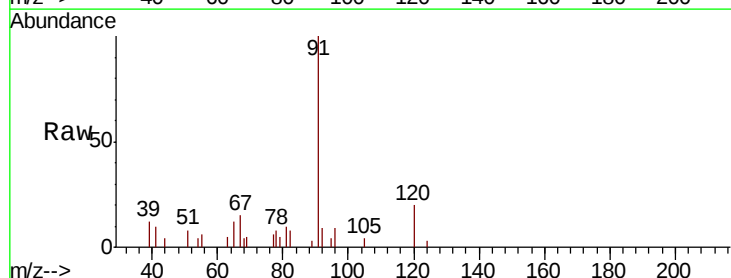
Acq: 8 May 2020 13:26

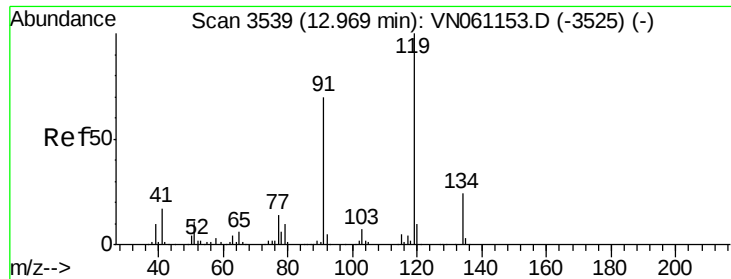
Tgt Ion: 91 Resp: 8304

Ion Ratio Lower Upper

91 100

120 18.9 10.8 32.3





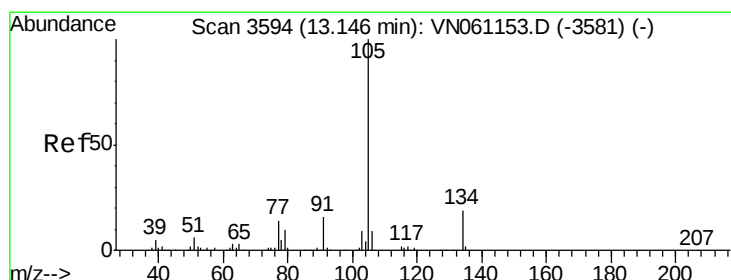
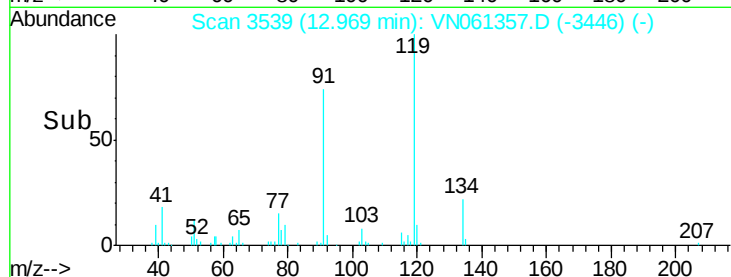
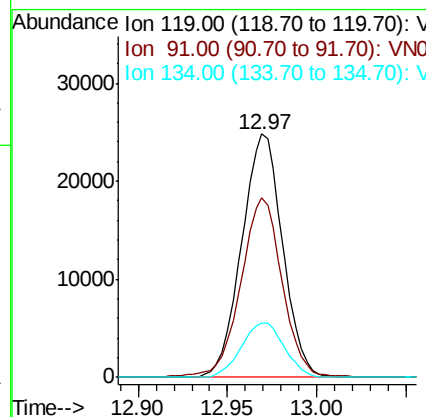
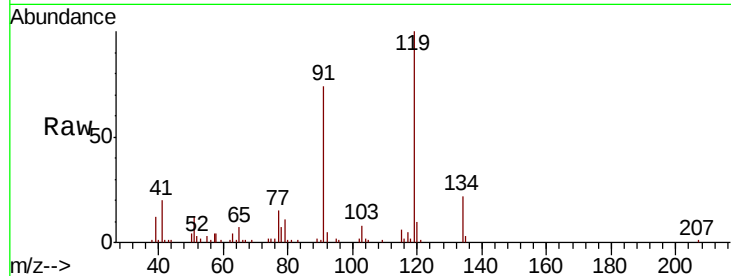
#83
tert-Butylbenzene
Concen: 9.514 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061357.D
Acq: 8 May 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
ST008MW037-200504

Tot Ion	Ratio	Resp	Lower	Upper
119	100	39802		
91	74.7		34.8	104.4
134	23.4		12.9	38.7

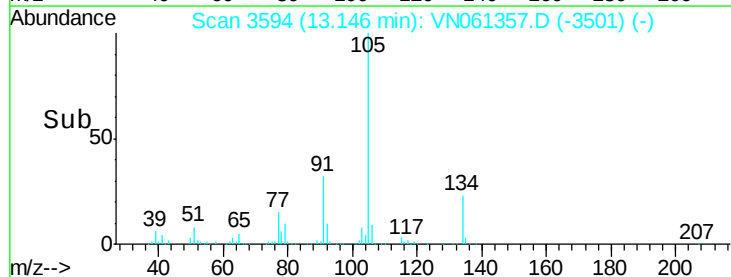
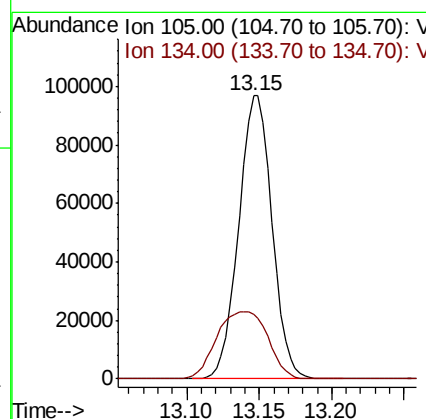
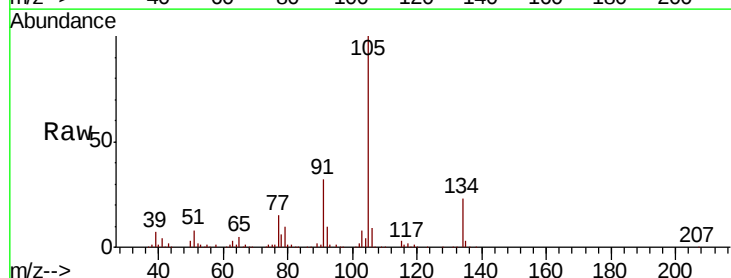
Manual Integrations
APPROVED

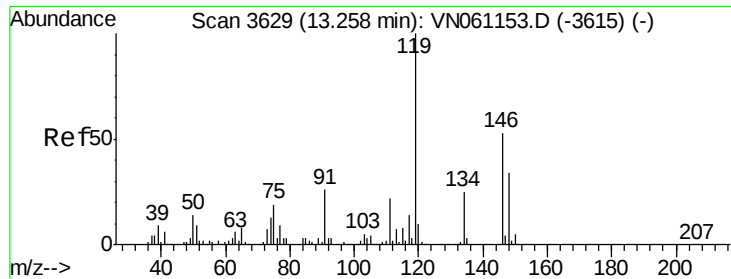
MMDadoda
5/11/2020 12:36:40 PM



#85
sec-Butylbenzene
Concen: 27.030 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061357.D
Acq: 8 May 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154169		
134	36.7		9.6	28.8#





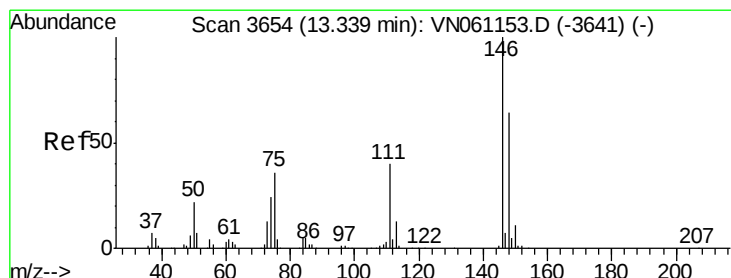
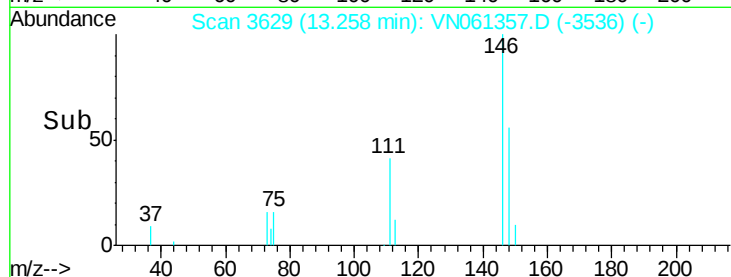
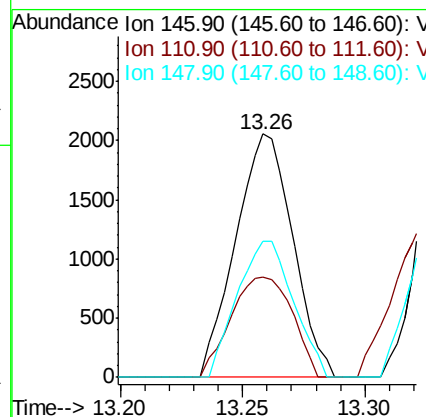
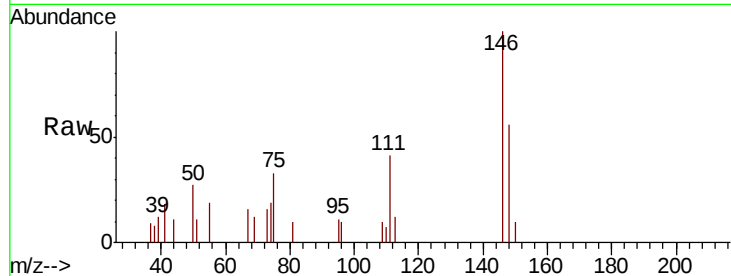
#87
 1,3-Dichlorobenzene
 Concen: 1.308 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061357.D
 Acq: 8 May 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW037-200504

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	20.7	62.1
148	55.1	31.8	95.3

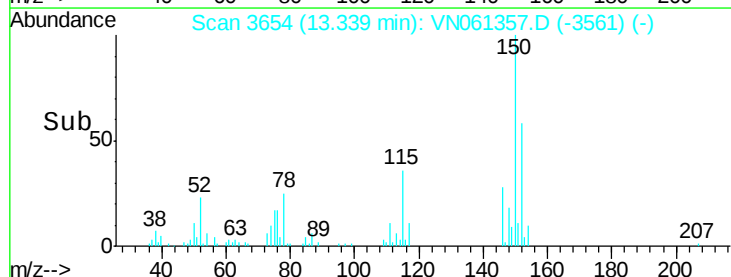
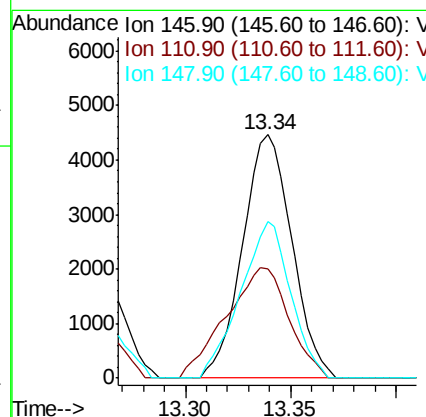
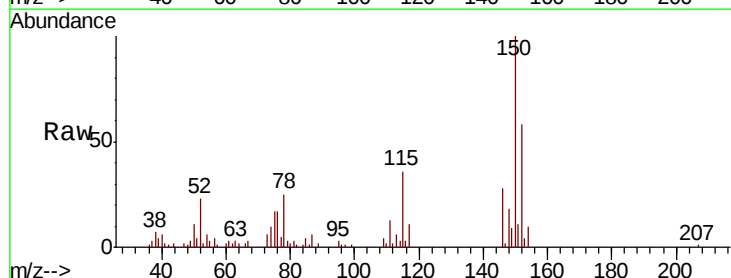
Manual Integrations
 APPROVED

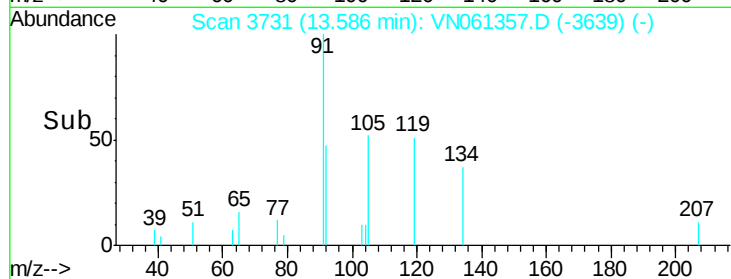
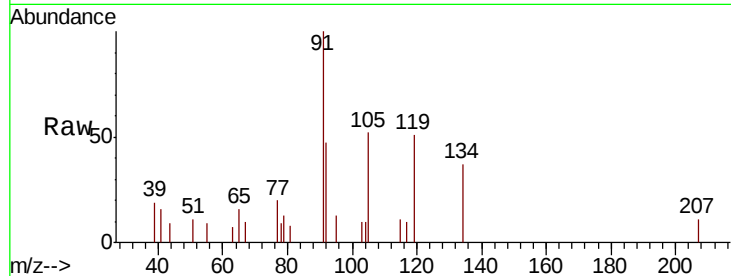
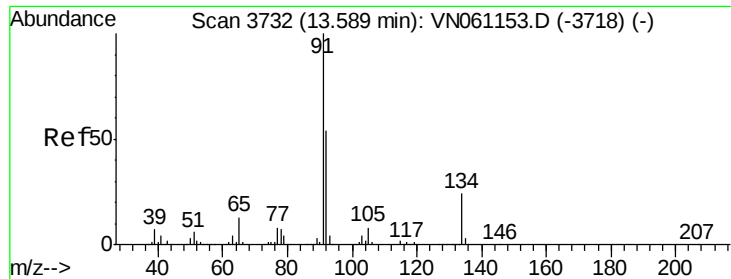
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 2.787 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061357.D
 Acq: 8 May 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	57.7	20.4	61.3
148	65.3	31.9	95.7





#89

n-Butylbenzene

Concen: 0.675 ug/l m

RT: 13.59 min Scan# 3731

Delta R.T. -0.00 min

Lab File: VN061357.D

Acq: 8 May 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

ST008MW037-200504

Tot Ion:	91	Resp:	3179
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.8	80.3#
134	144.9	11.9	35.5#

Manual Integrations
APPROVED

MMDadoda
5/11/2020 12:36:40 PM

