

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061959.D
 Acq On : 19 Jun 2020 17:59
 Operator : JC/MD
 Sample : L3033-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-200615

Manual Integrations
 APPROVED

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 6/22/2020 1:27:03 PM

Quant Time: Jun 22 01:05:27 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	149738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101980	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.55	113	88739	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.06	98	346346	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.38	95	120233	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
3) Chloromethane	2.04	50	849	0.408	ug/l	97
4) Vinyl Chloride	2.16	62	99112	40.001	ug/l	99
16) Acetone	3.78	43	2172	3.662	ug/l	88
27) cis-1,2-Dichloroethene	6.78	96	15192	7.534	ug/l	93
40) Benzene	8.00	78	64597	8.476	ug/l	98
65) Chlorobenzene	11.41	112	1337545	231.185	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	6124m	1.680	ug/l	
91) 1,2-Dichlorobenzene	13.63	146	4271	1.246	ug/l	96

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

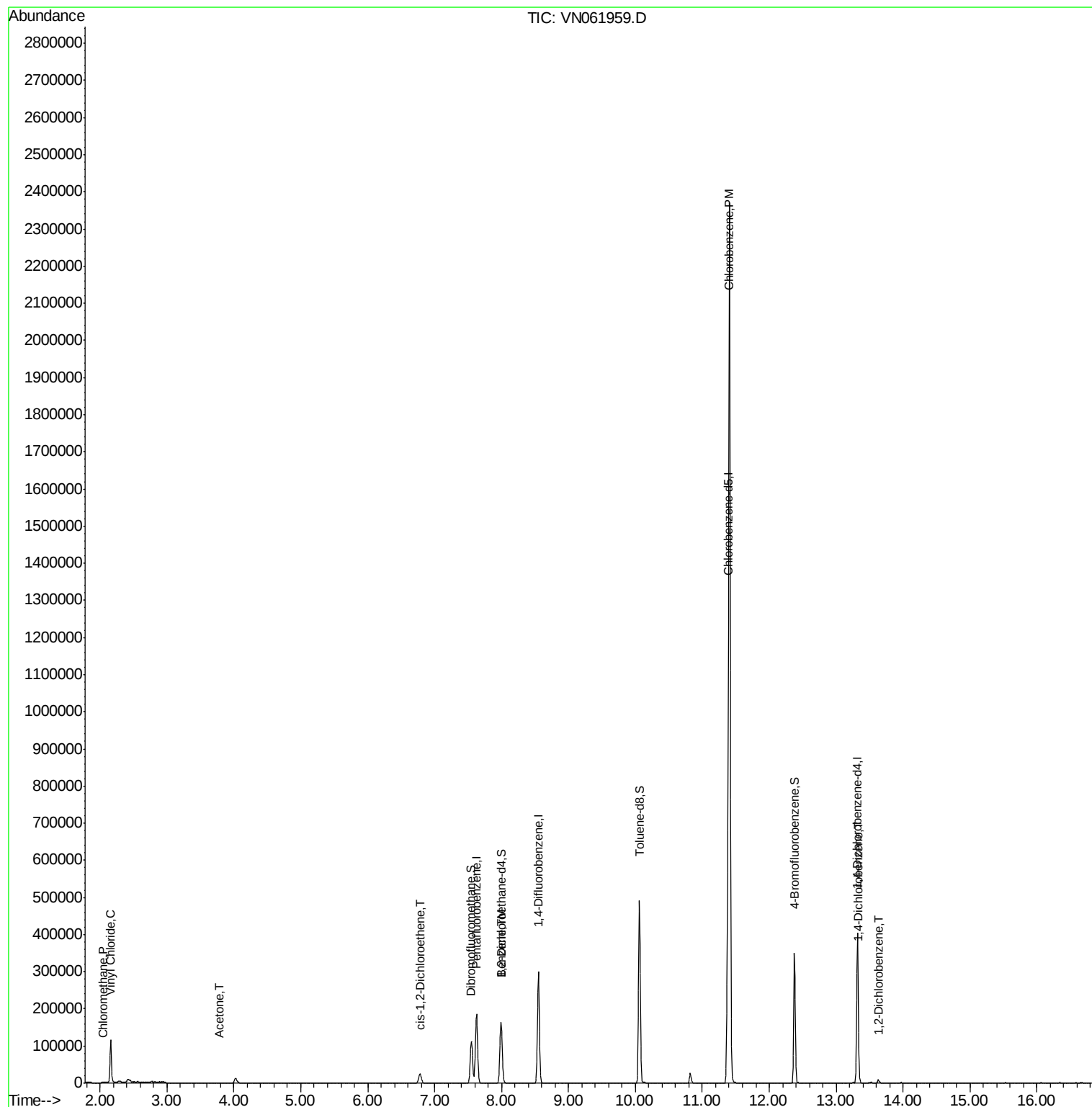
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061959.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

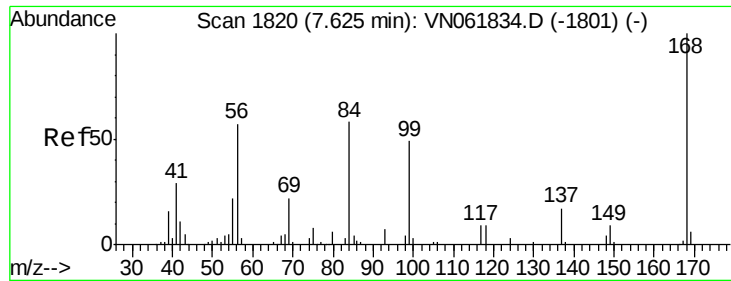
Instrument :
MSVOA_N
ClientSampleId :
SS043MW100-200615

Manual Integrations
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Quant Time: Jun 22 01:05:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061959.D

Acq: 19 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-200615

Tot Ion:168 Resp: 149738

Ion Ratio Lower Upper

168 100

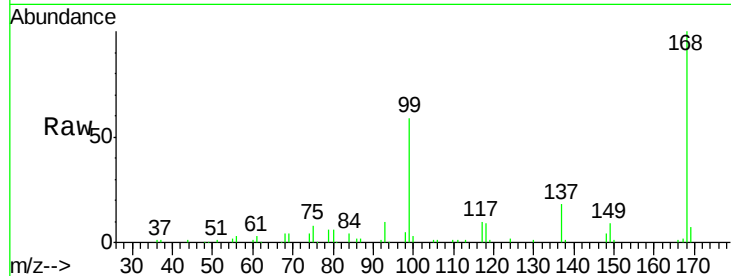
99 59.0 44.6 67.0

Manual Integrations

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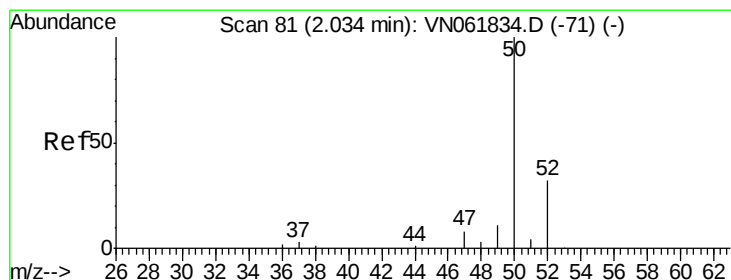
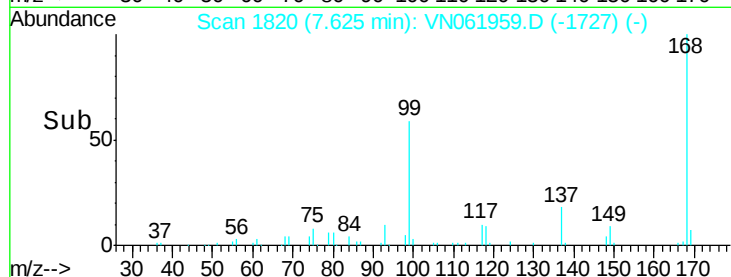
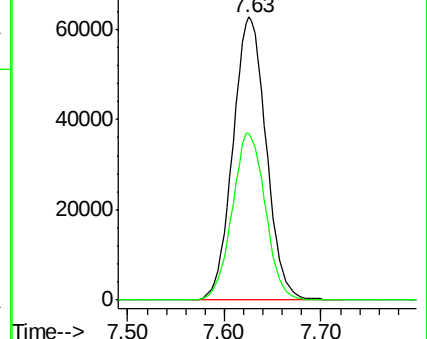
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.408 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061959.D

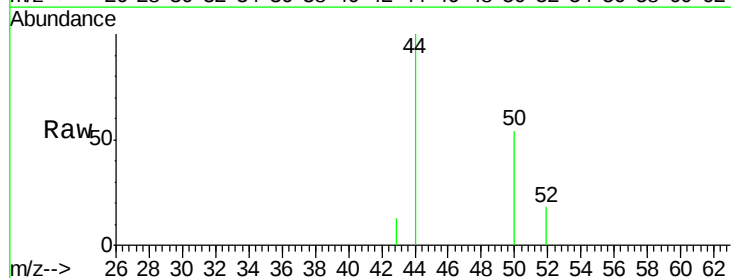
Acq: 19 Jun 2020 17:59

Tgt Ion: 50 Resp: 849

Ion Ratio Lower Upper

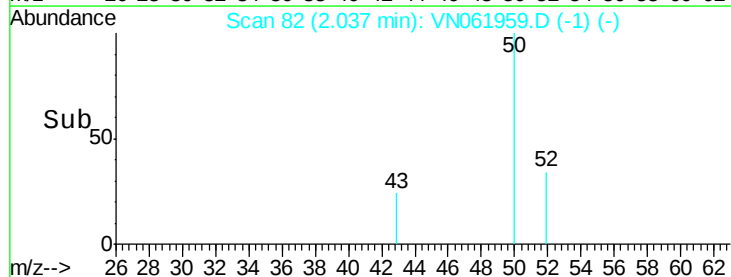
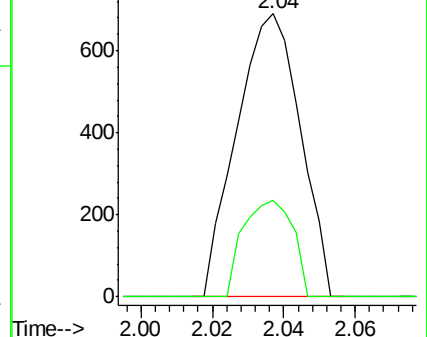
50 100

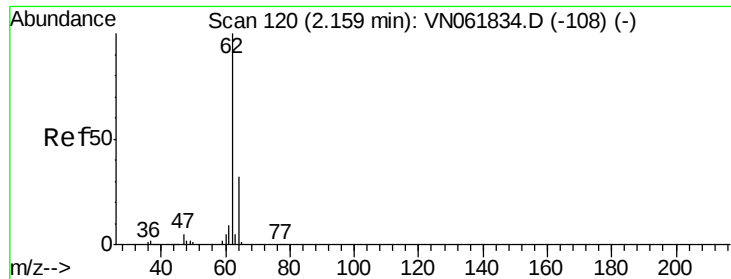
52 33.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#4

Vinyl Chloride

Concen: 40.001 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061959.D

Acq: 19 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-200615

Tot Ion: 62 Resp: 99112

Ion Ratio Lower Upper

62 100

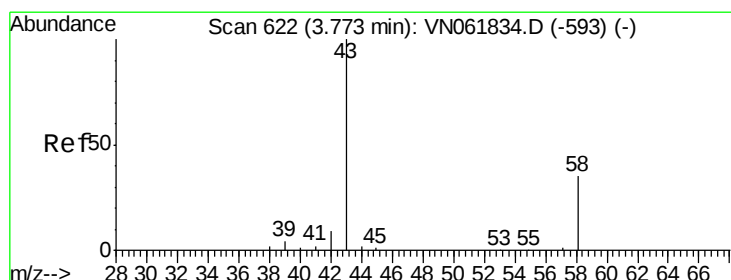
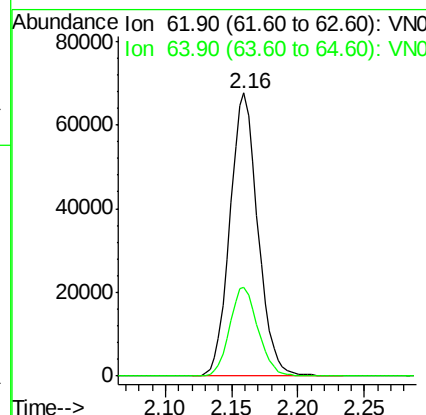
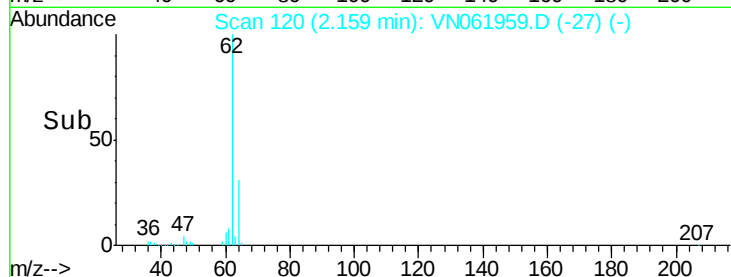
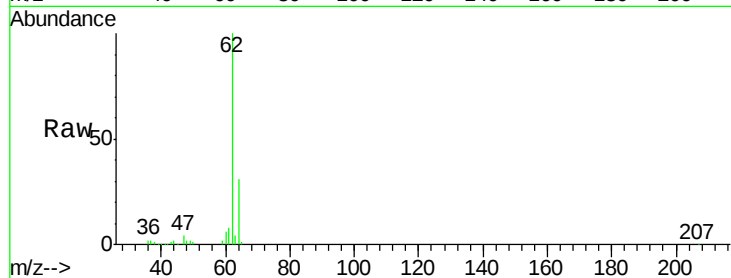
64 31.4 25.5 38.3

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#16

Acetone

Concen: 3.662 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061959.D

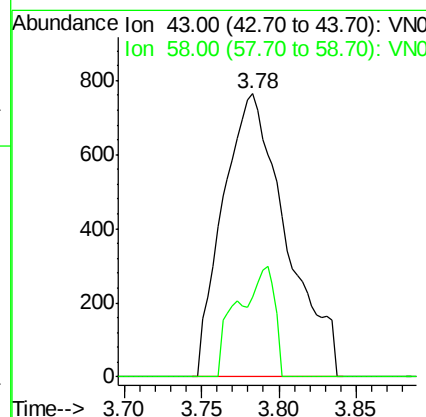
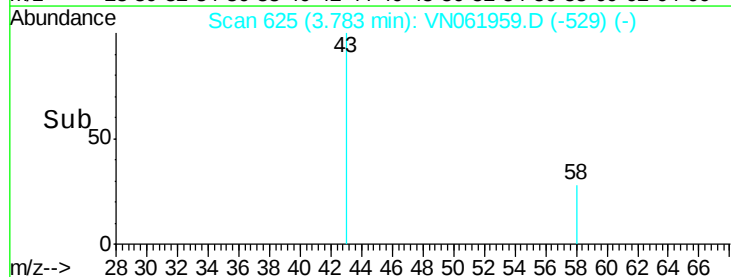
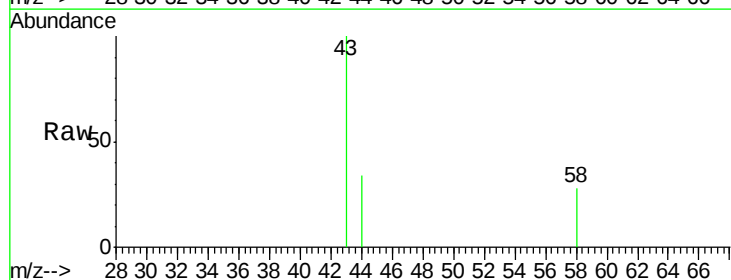
Acq: 19 Jun 2020 17:59

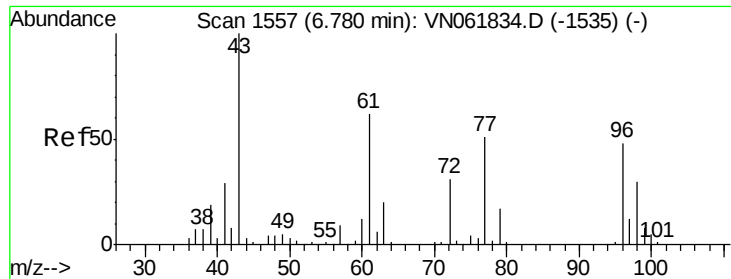
Tgt Ion: 43 Resp: 2172

Ion Ratio Lower Upper

43 100

58 28.0 27.8 41.8





#27

cis-1,2-Dichloroethene

Concen: 7.534 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061959.D

Acq: 19 Jun 2020 17:59

Instrument :

MSVOA_N

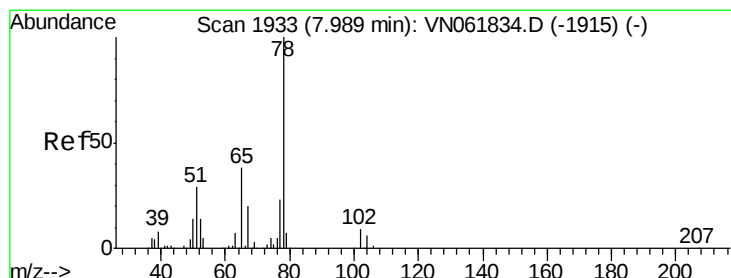
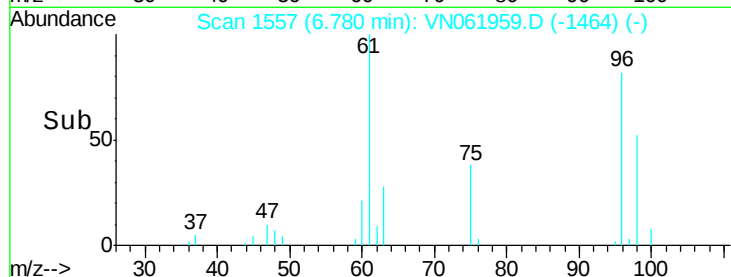
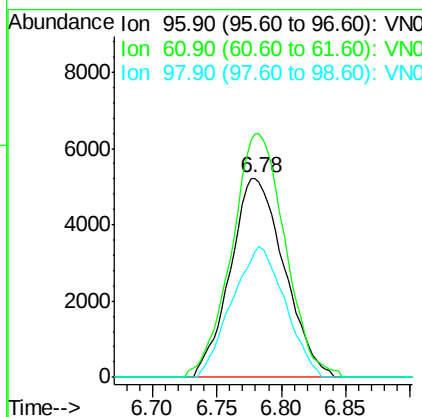
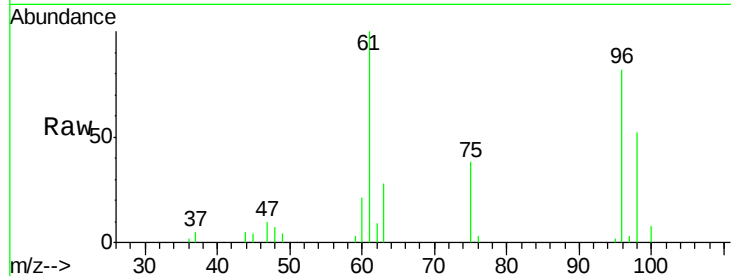
ClientSampleId :

SS043MW100-200615

Tot Ion:	96	Resp:	15192
Ion	Ratio	Lower	Upper
96	100		
61	121.5	0.0	265.6
98	64.5	0.0	128.2

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#33

1,2-Dichloroethane-d4

Concen: 50.782 ug/l

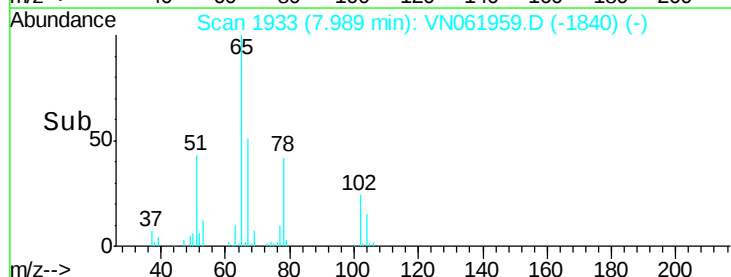
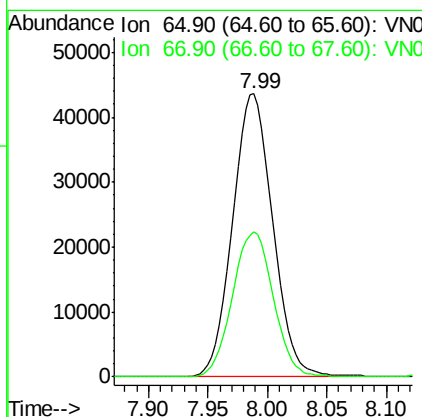
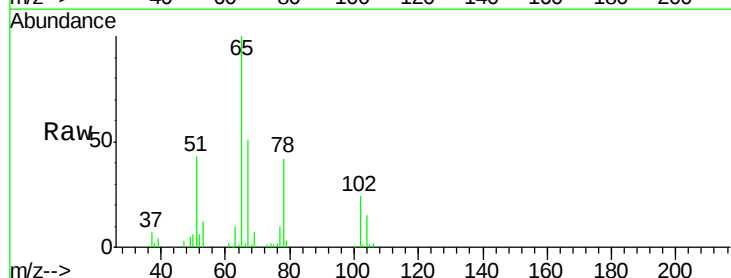
RT: 7.99 min Scan# 1933

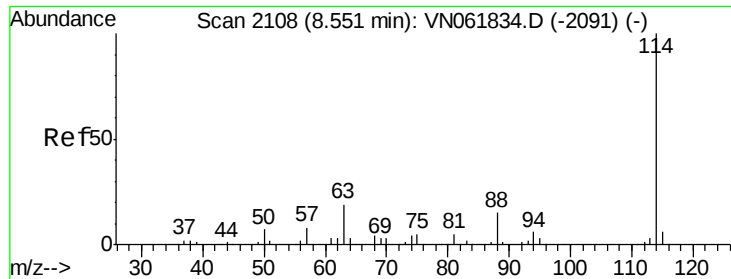
Delta R.T. -0.00 min

Lab File: VN061959.D

Acq: 19 Jun 2020 17:59

Tgt Ion:	65	Resp:	101980
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2





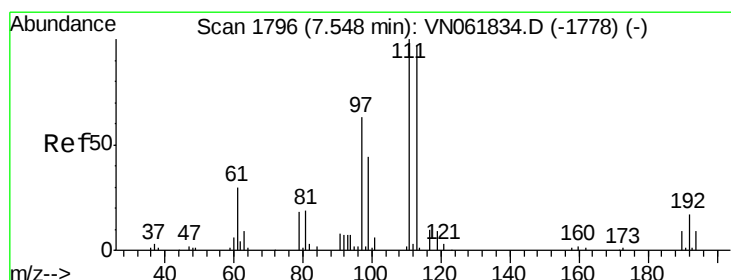
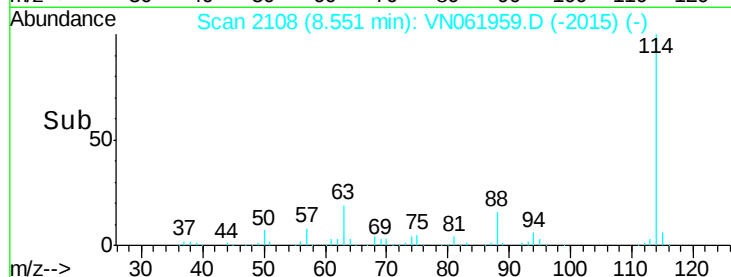
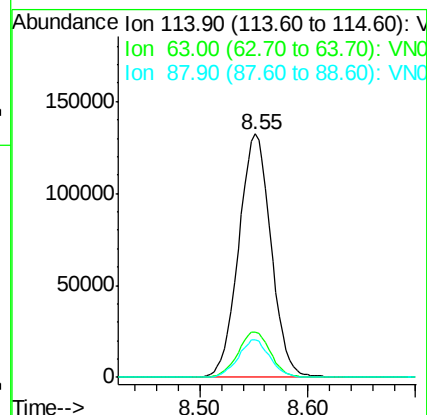
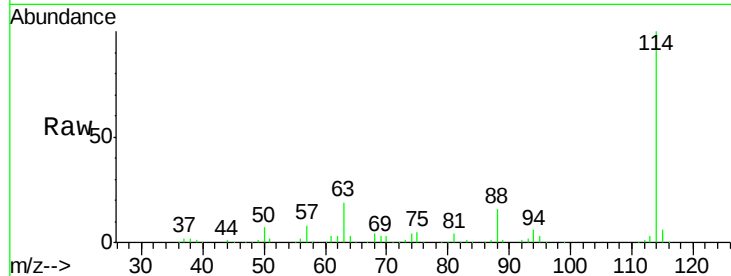
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061959.D
Acq: 19 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
SS043MW100-200615

Tot Ion	Ratio	Resp	Lower	Upper
114	100	275832		
63	18.8	0.0	37.6	
88	15.6	0.0	31.0	

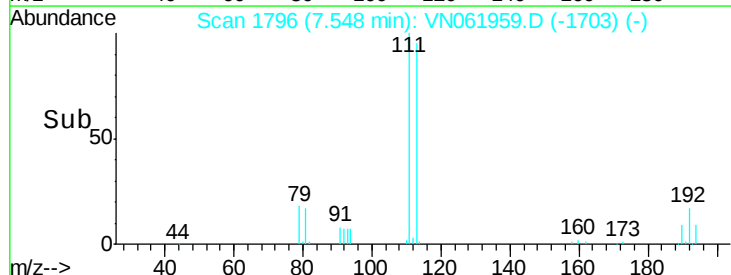
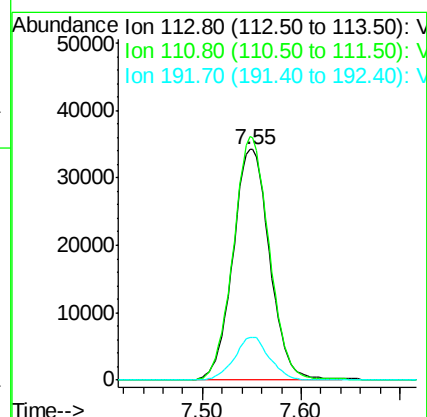
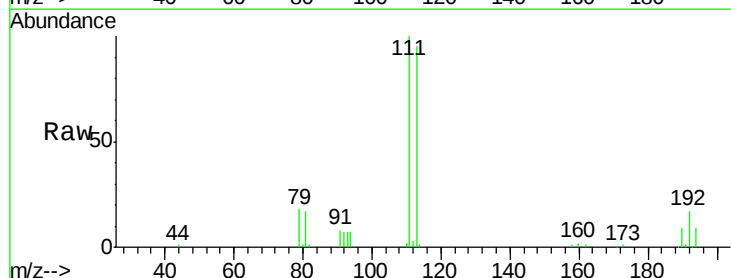
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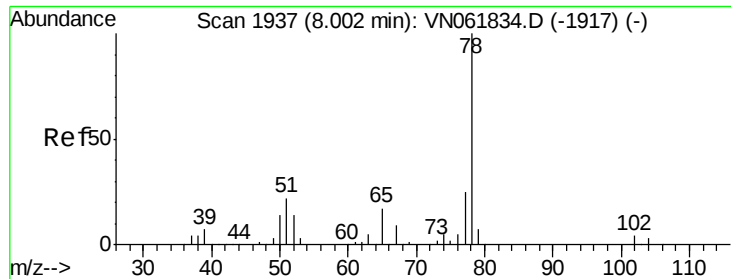
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#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061959.D
Acq: 19 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	88739		
111	103.2	83.7	125.5	
192	17.6	13.9	20.9	





#40

Benzene

Concen: 8.476 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061959.D

Acq: 19 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-200615

Tot Ion: 78 Resp: 64597

Ion Ratio Lower Upper

78 100

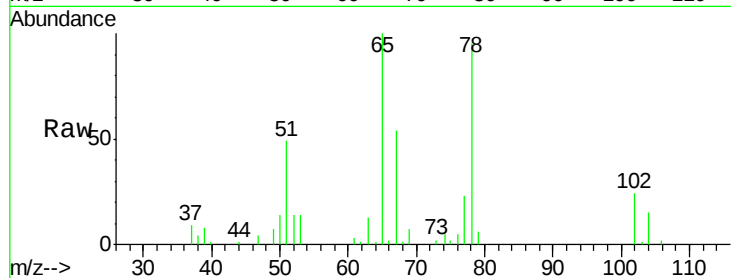
77 23.8 19.7 29.5

Manual Integrations

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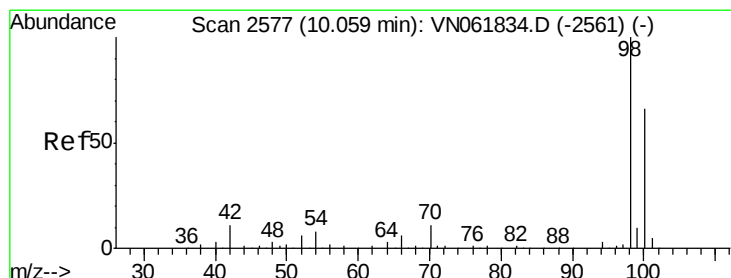
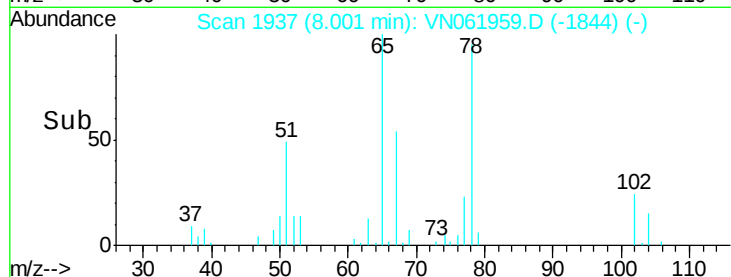
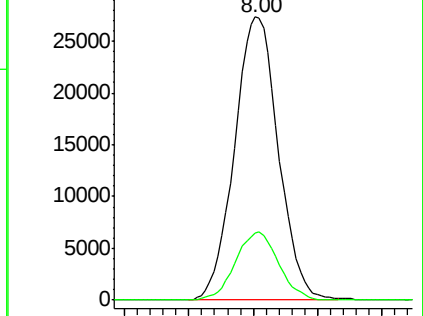
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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 49.924 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061959.D

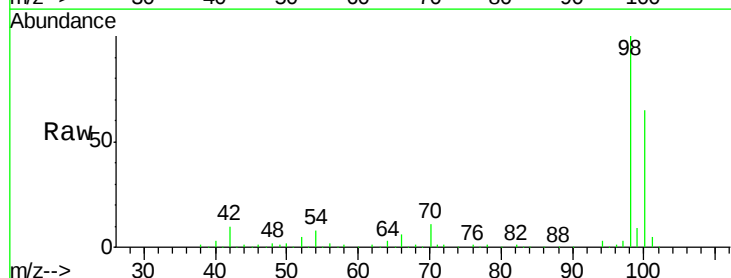
Acq: 19 Jun 2020 17:59

Tgt Ion: 98 Resp: 346346

Ion Ratio Lower Upper

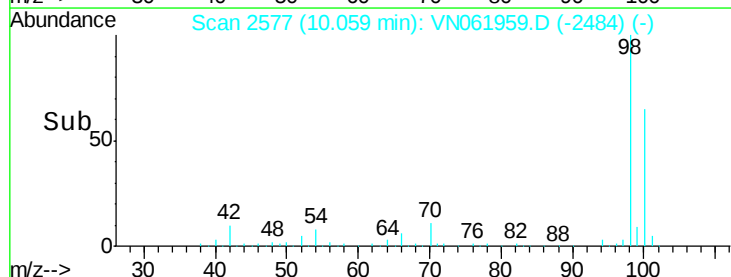
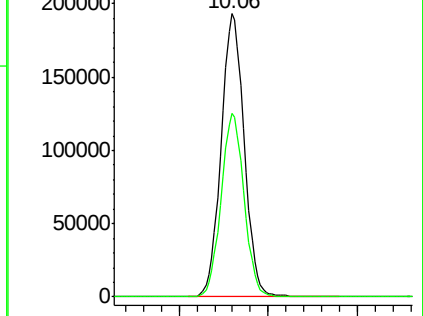
98 100

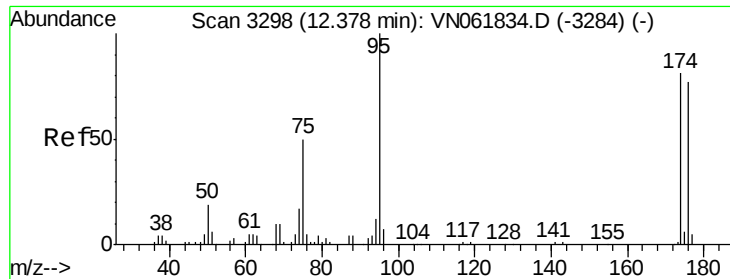
100 64.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





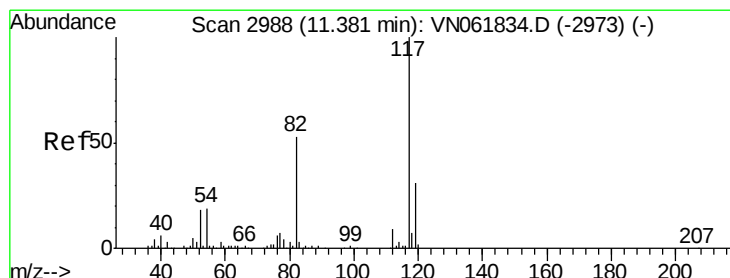
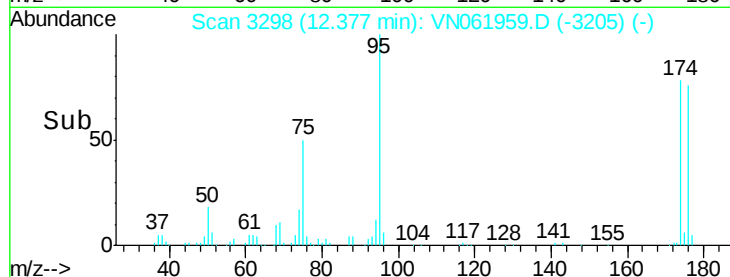
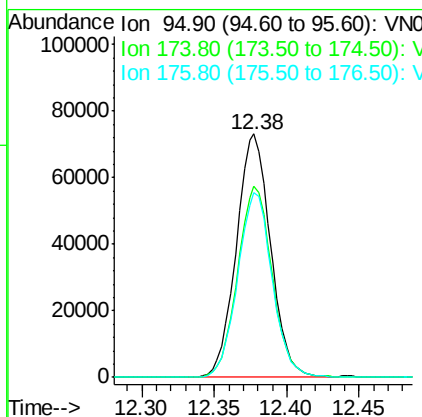
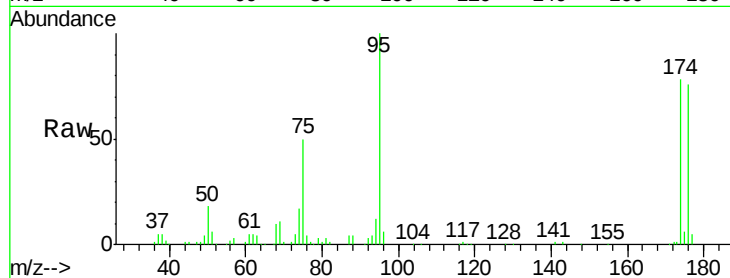
#62
4-Bromofluorobenzene
Concen: 50.525 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061959.D
Acq: 19 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
SS043MW100-200615

Tot Ion	Ratio	Resp	Lower	Upper
95	100	120233		
174	79.1	0.0	158.6	
176	76.4	0.0	152.0	

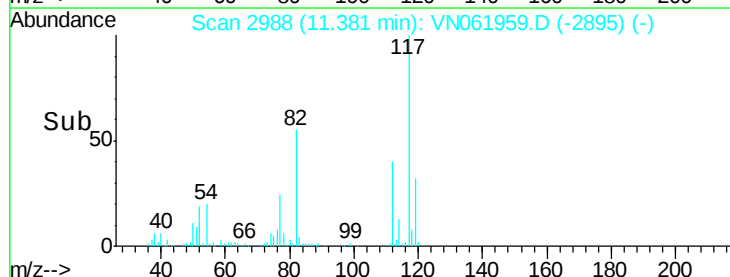
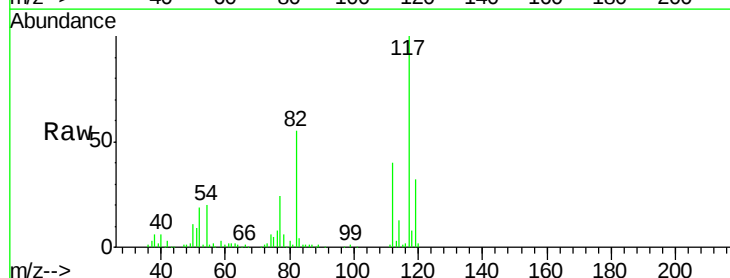
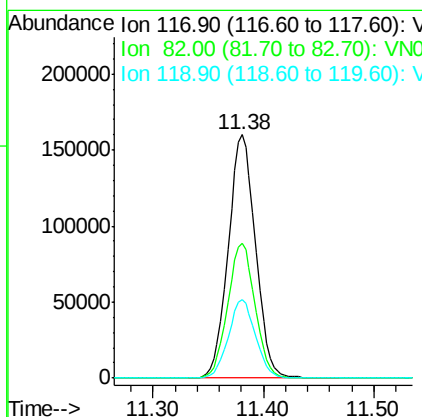
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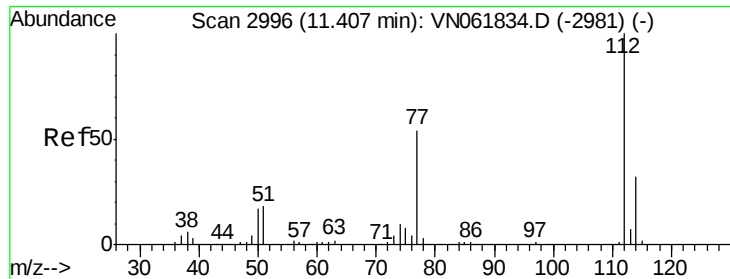
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061959.D
Acq: 19 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	274188		
82	55.3	42.6	64.0	
119	32.4	24.7	37.1	





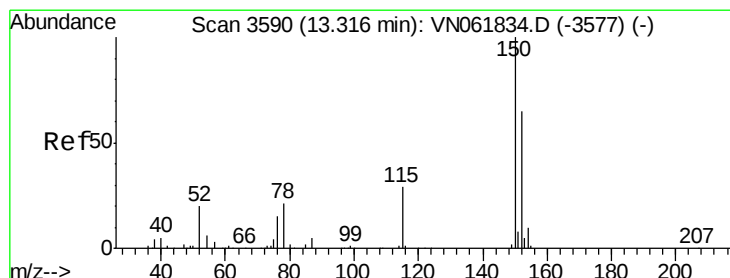
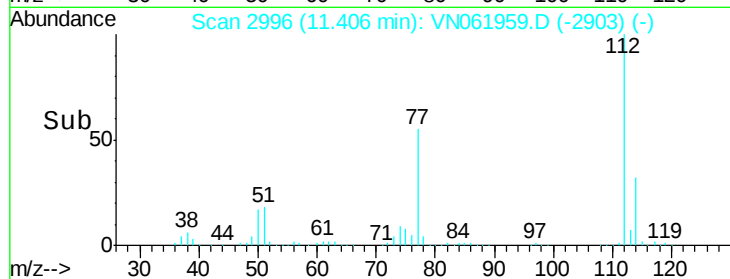
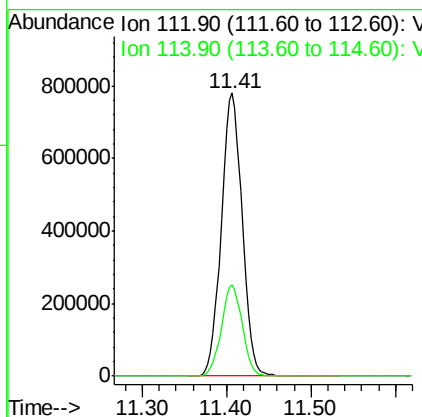
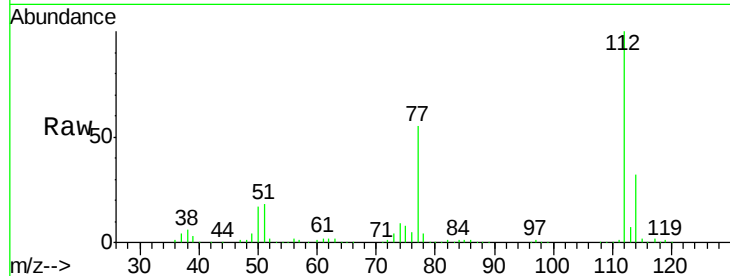
#65
Chlorobenzene
Concen: 231.185 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061959.D
Acq: 19 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
SS043MW100-200615

Tot Ion:112 Resp: 1337545
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

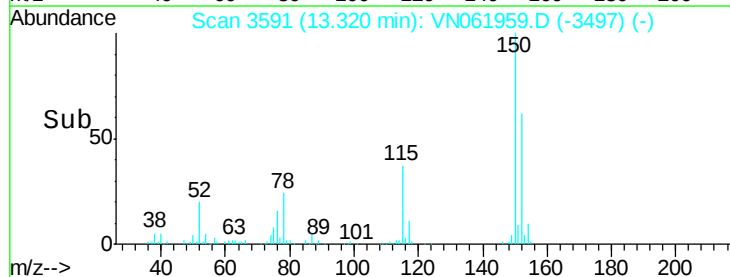
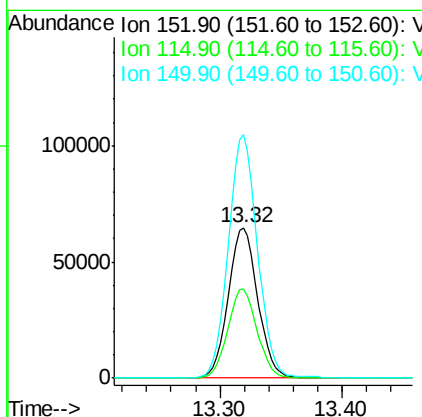
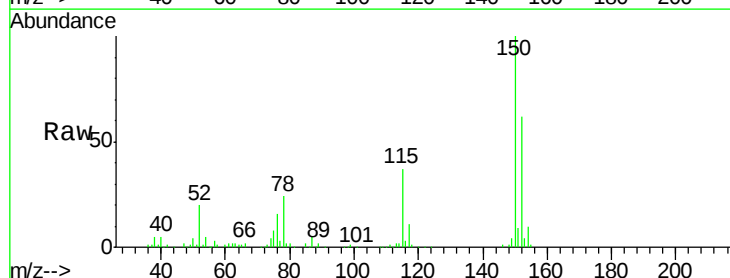
Manual Integrations
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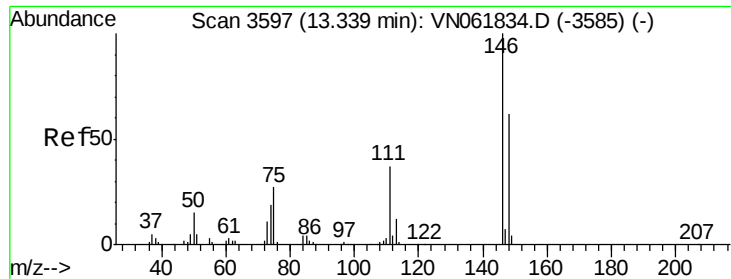
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061959.D
Acq: 19 Jun 2020 17:59

Tgt Ion:152 Resp: 108918
Ion Ratio Lower Upper
152 100
115 59.2 29.1 87.3
150 160.7 0.0 347.6





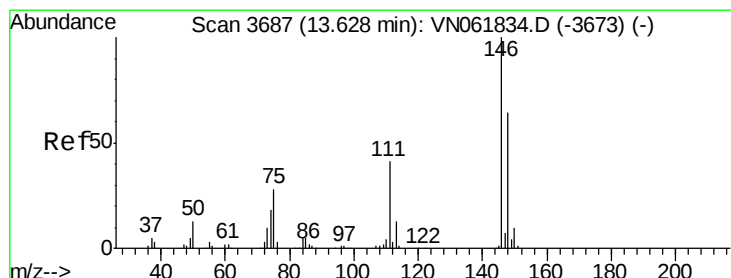
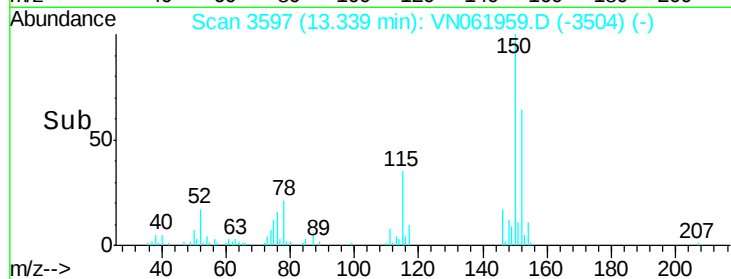
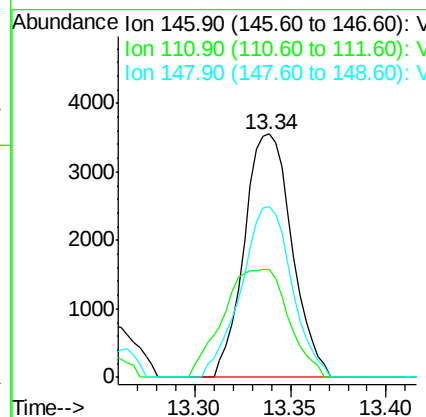
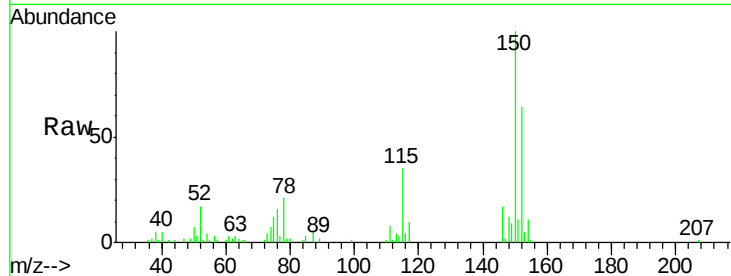
#88
 1,4-Dichlorobenzene
 Concen: 1.680 ug/l m
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061959.D
 Acq: 19 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-200615

Tot Ion	Ratio	Lower	Upper
146	100		
111	5.5	19.3	57.8#
148	9.8	31.6	94.7#

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 1:27:03 PM



#91
 1,2-Dichlorobenzene
 Concen: 1.246 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061959.D
 Acq: 19 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.2
148	67.5	31.8	95.4

