

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064839.D
 Acq On : 25 Nov 2020 3:30
 Operator : JC/MD
 Sample : L4798-13 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20201118

Manual Integrations
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MMDadoda
 11/25/2020 9:51:35 AM

Quant Time: Nov 25 06:41:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	168718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102069	52.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	104.08%		
35) Dibromofluoromethane	7.55	113	93674	53.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.42%		
50) Toluene-d8	10.06	98	370753	51.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.08%		
62) 4-Bromofluorobenzene	12.38	95	143685	55.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.64%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	1634	1.117	ug/l	97
4) Vinyl Chloride	2.17	62	20980	10.590	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1925m	1.172	ug/l	
12) 1,1-Dichloroethene	3.70	96	2097	1.282	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	2521	1.388	ug/l	91
27) cis-1,2-Dichloroethene	6.78	96	340180	166.395	ug/l	88
44) Trichloroethene	8.80	130	426211	172.867	ug/l	100

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

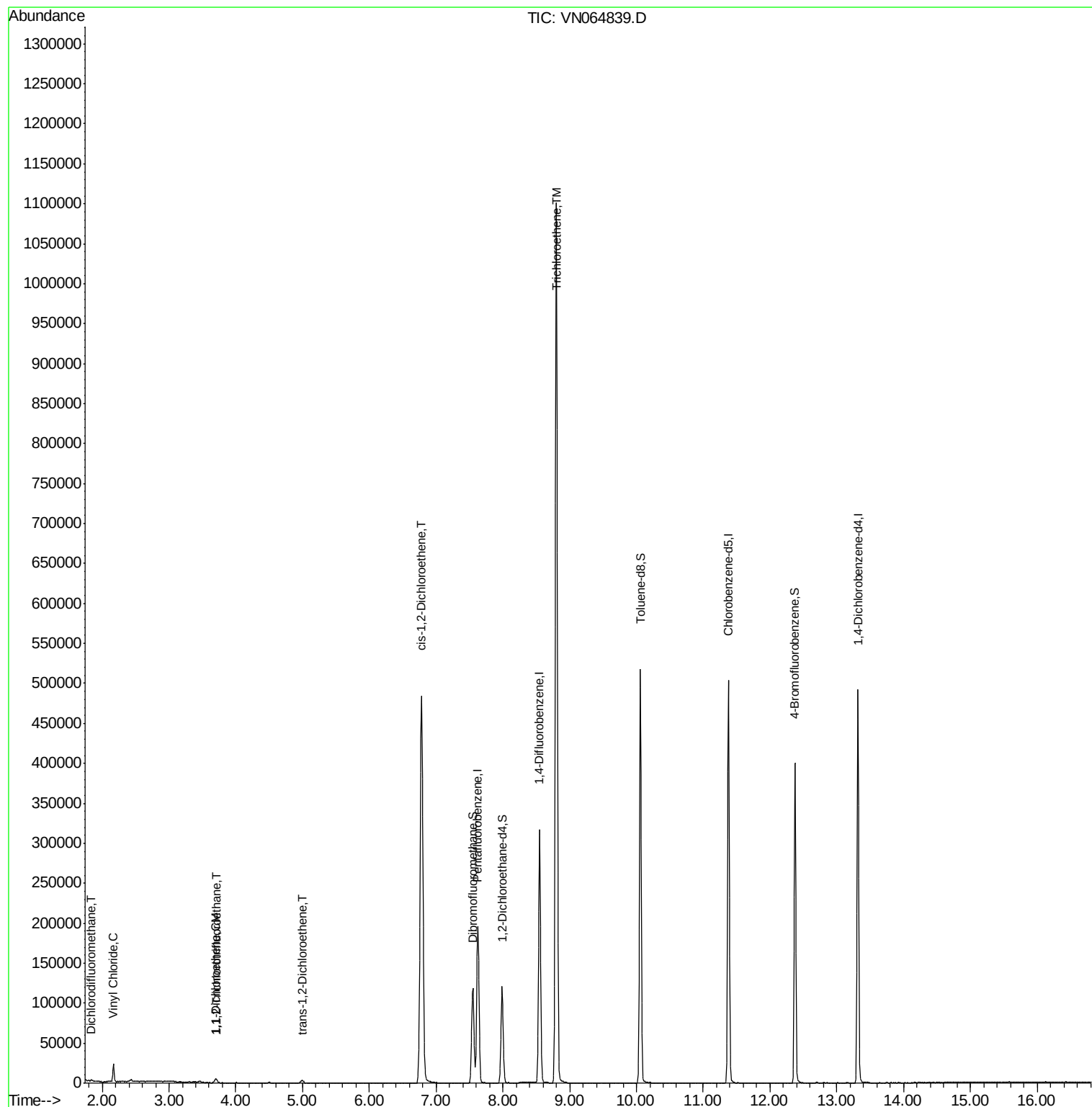
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064839.D
Acq On : 25 Nov 2020 3:30
Operator : JC/MD
Sample : L4798-13 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

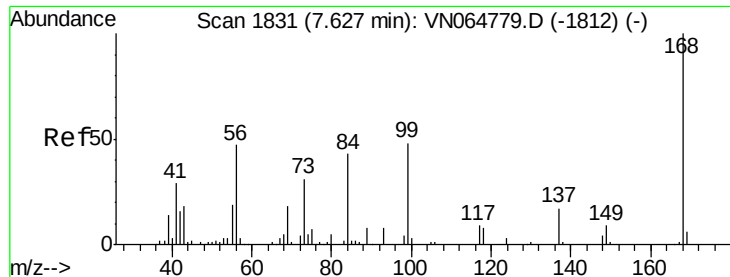
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20201118

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11/25/2020 9:51:35 AM

Quant Time: Nov 25 06:41:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20201118

Tot Ion:168 Resp: 168718

Ion Ratio Lower Upper

168 100

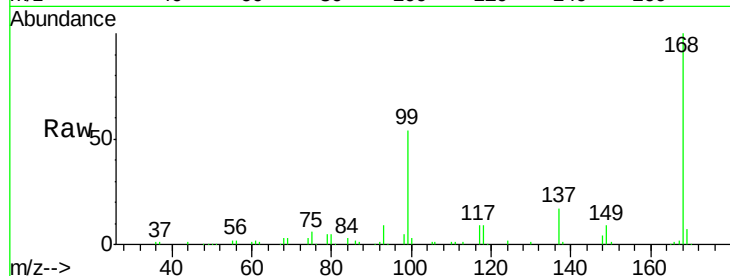
99 53.5 43.0 64.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

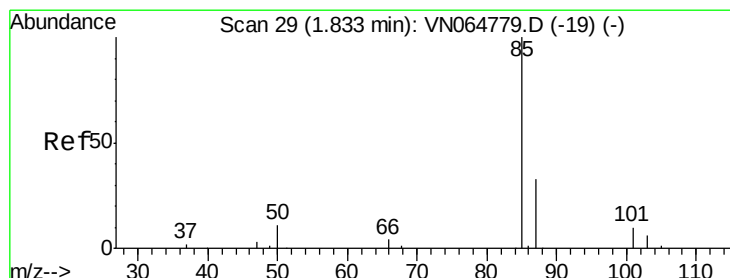
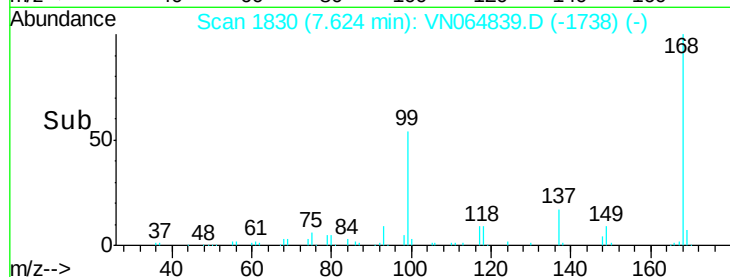
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.117 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064839.D

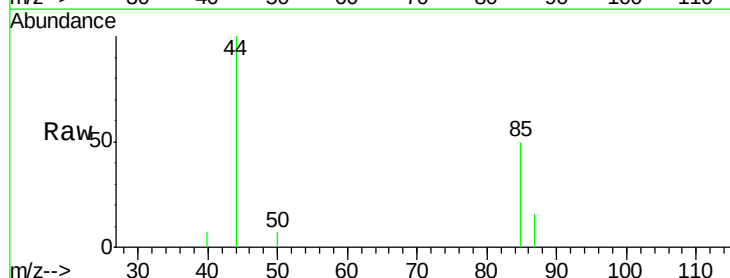
Acq: 25 Nov 2020 3:30

Tgt Ion: 85 Resp: 1634

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

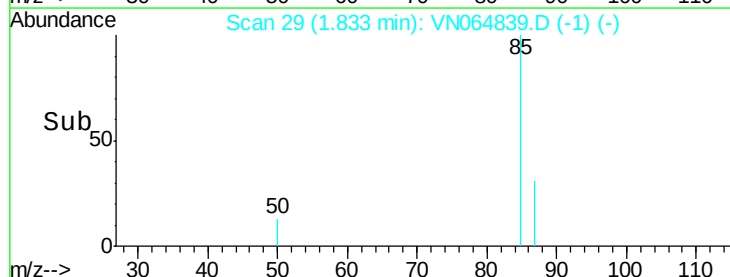
1500

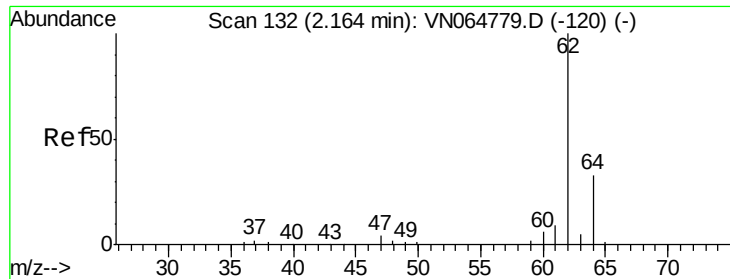
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#4

Vinyl Chloride

Concen: 10.590 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20201118

Tot Ion: 62 Resp: 20980

Ion Ratio Lower Upper

62 100

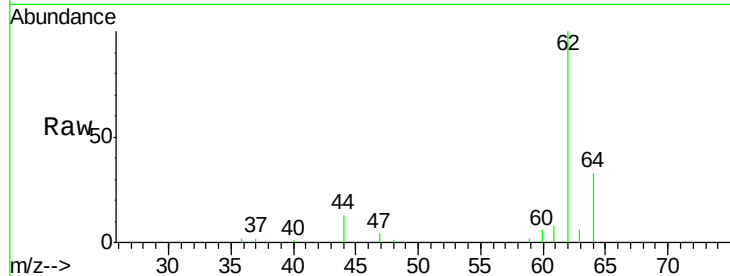
64 33.2 26.5 39.7

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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

15000

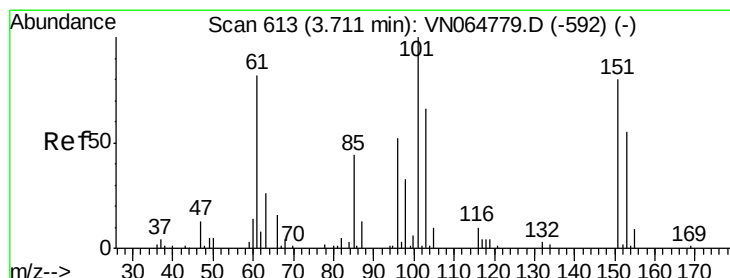
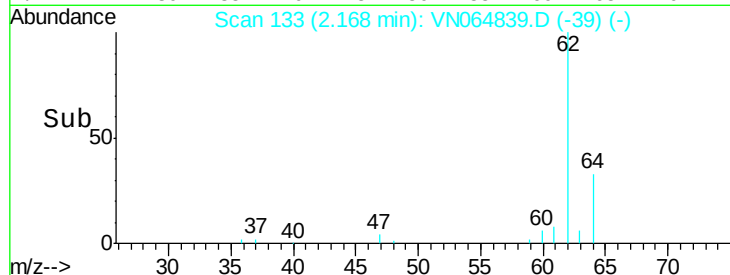
10000

5000

0

Time-->

2.10 2.15 2.20



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.172 ug/l m

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

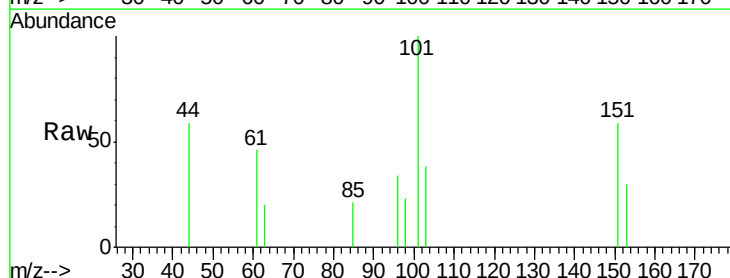
Tgt Ion: 101 Resp: 1925

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 0.0 64.0 96.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

1000

800

600

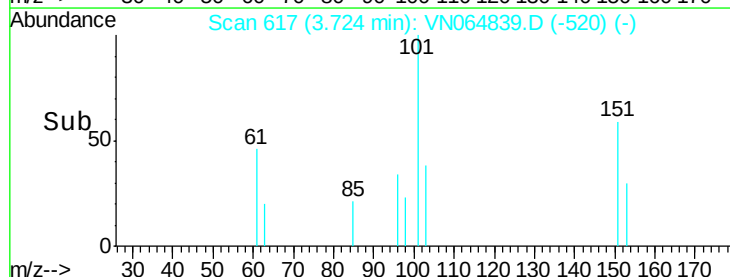
400

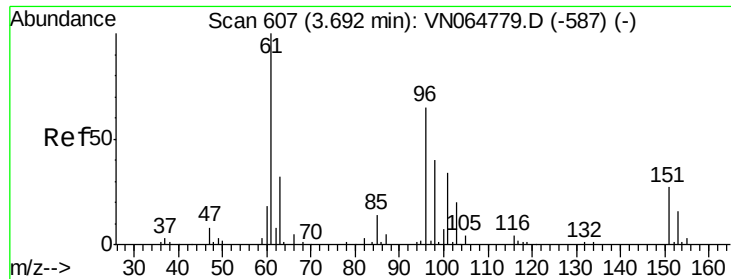
200

0

Time-->

3.65 3.70 3.75





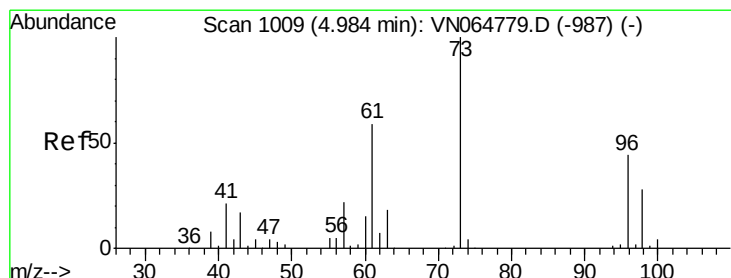
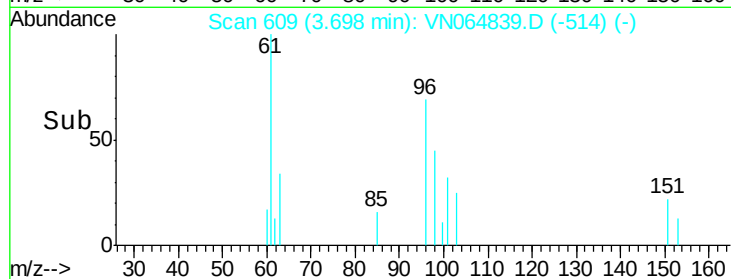
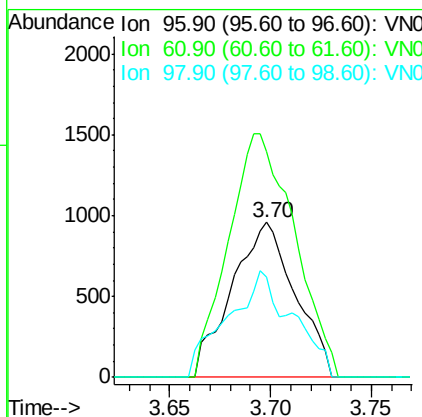
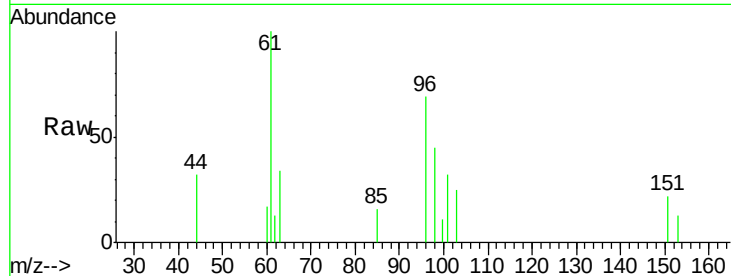
#12
1,1-Dichloroethene
Concen: 1.282 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.01 min
Lab File: VN064839.D
Acq: 25 Nov 2020 3:30

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20201118

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	123.4	185.2
98	65.0	49.8	74.8

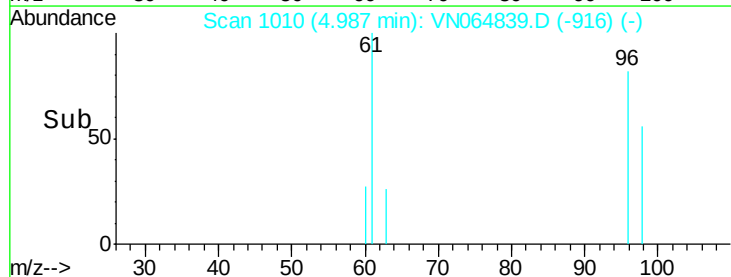
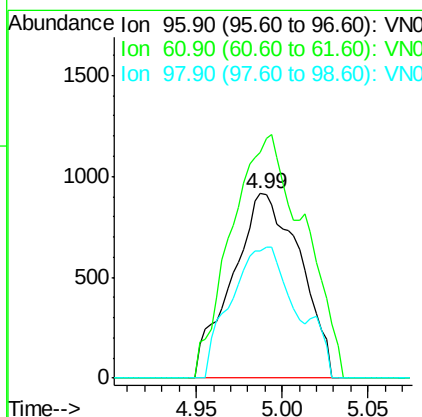
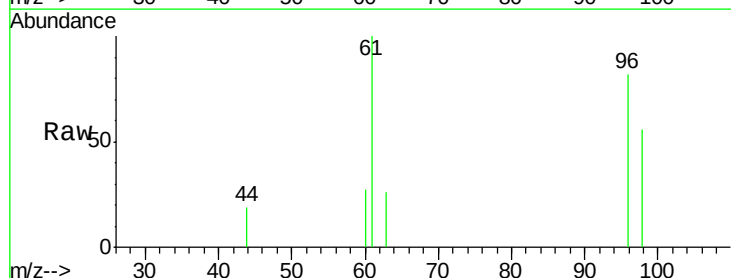
Manual Integrations
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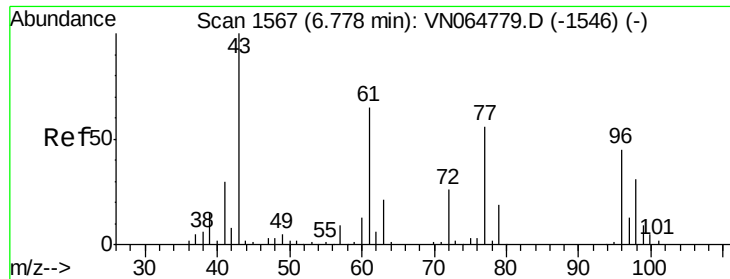
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#21
trans-1,2-Dichloroethene
Concen: 1.388 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064839.D
Acq: 25 Nov 2020 3:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.3	108.4	162.6
98	68.8	51.3	76.9





#27

cis-1,2-Dichloroethene

Concen: 166.395 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

Instrument :

MSVOA_N

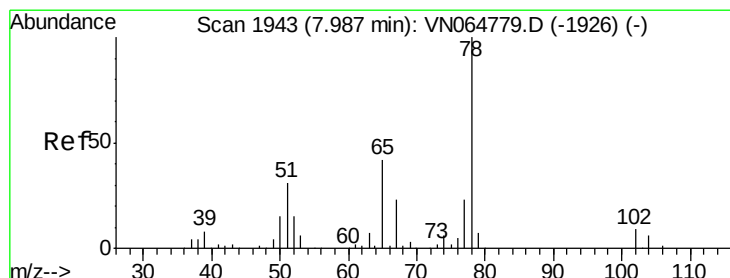
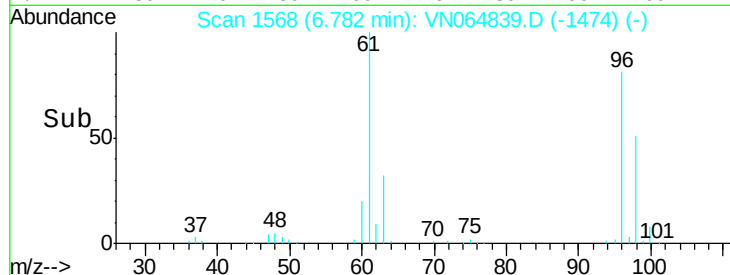
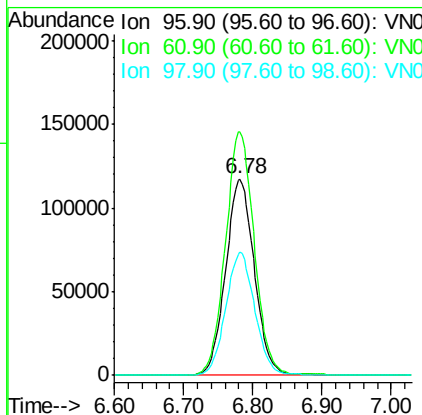
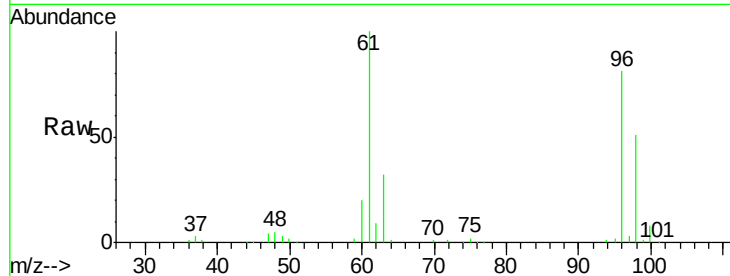
ClientSampleId :

DUP01-20201118

Tot Ion:	96	Resp:	340180
Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	285.8
98	63.0	0.0	130.6

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#33

1,2-Dichloroethane-d4

Concen: 52.037 ug/l

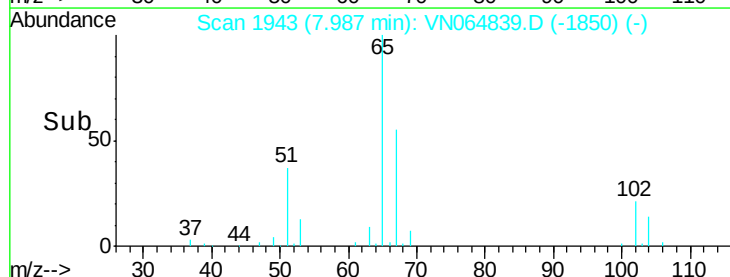
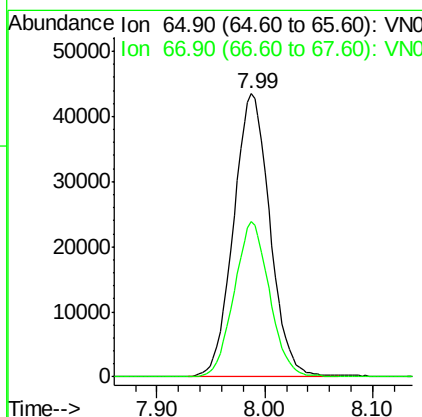
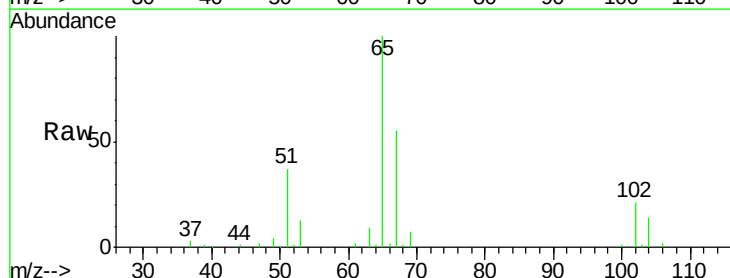
RT: 7.99 min Scan# 1943

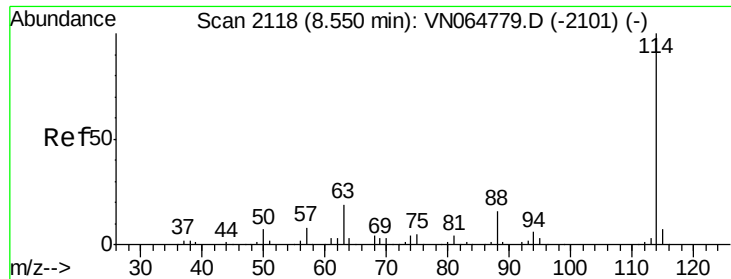
Delta R.T. 0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

Tgt Ion:	65	Resp:	102069
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

Instrument :

MSVOA_N

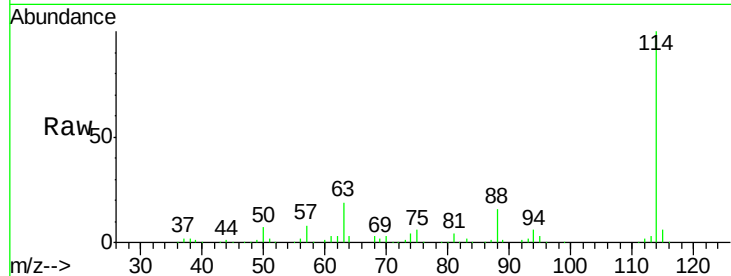
ClientSampleId :

DUP01-20201118

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.9	0.0	32.6

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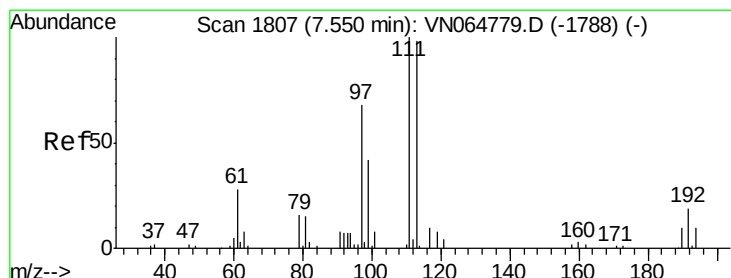
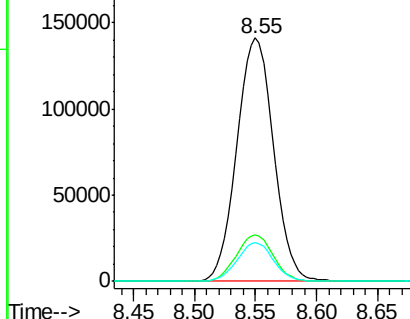
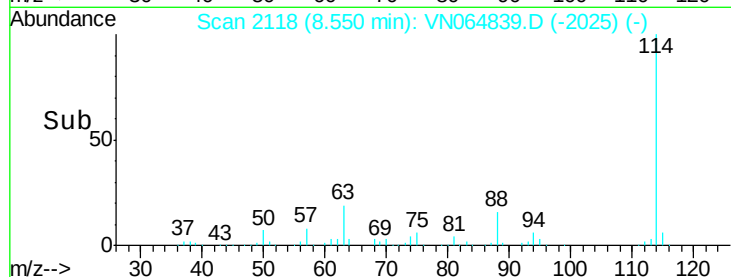
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.212 ug/l

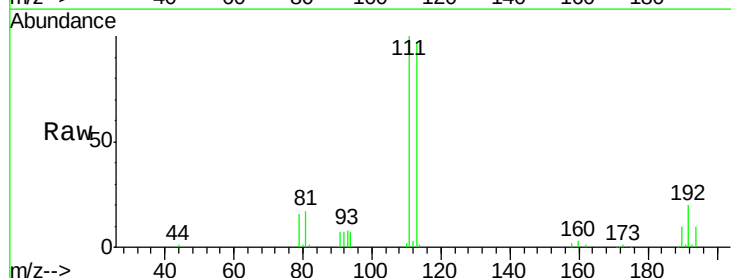
RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

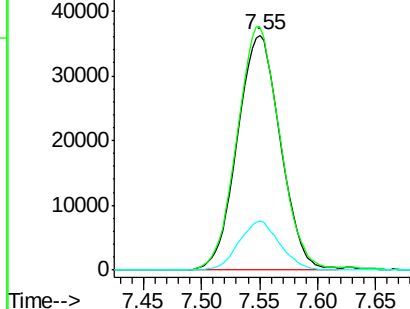
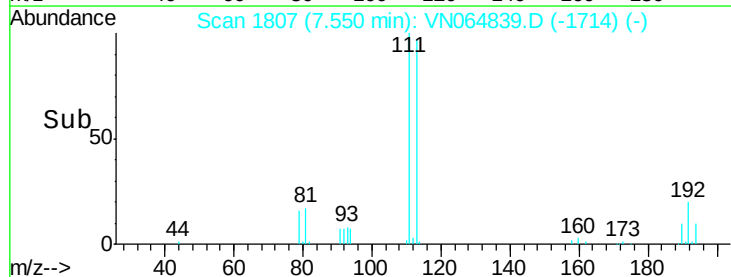
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.9	81.6	122.4
192	19.8	16.2	24.2

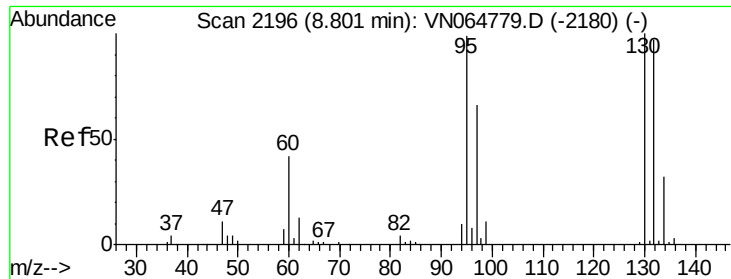


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





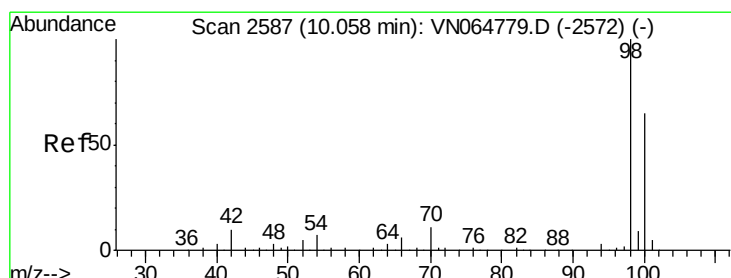
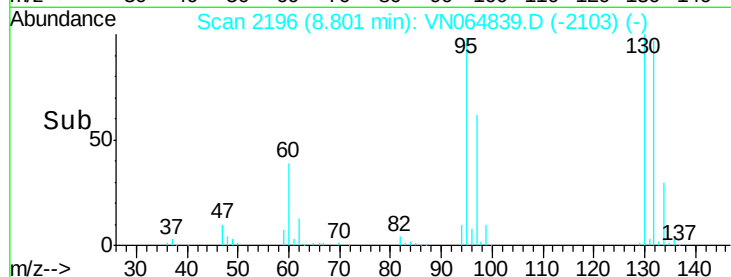
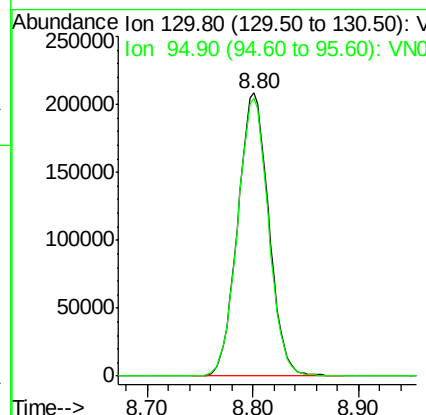
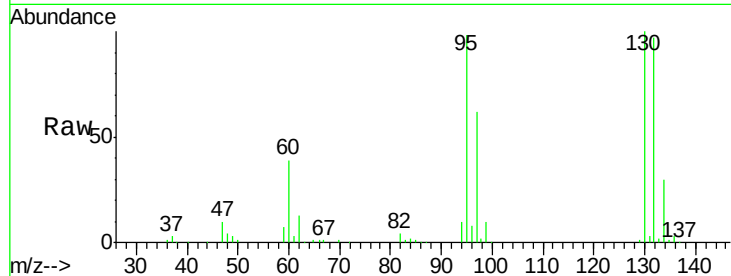
#44
 Trichloroethene
 Concen: 172.867 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064839.D
 Acq: 25 Nov 2020 3:30

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20201118

Tot Ion:130 Resp: 426211
 Ion Ratio Lower Upper
 130 100
 95 98.4 0.0 197.8

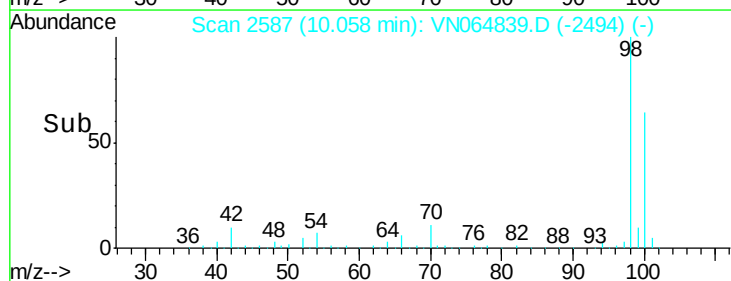
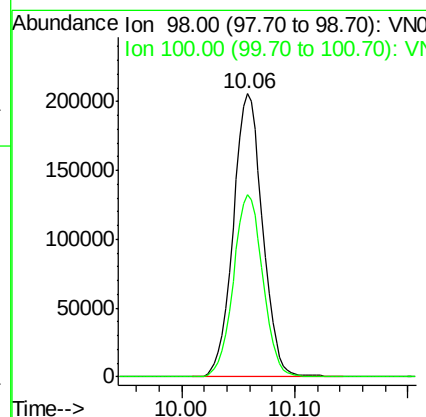
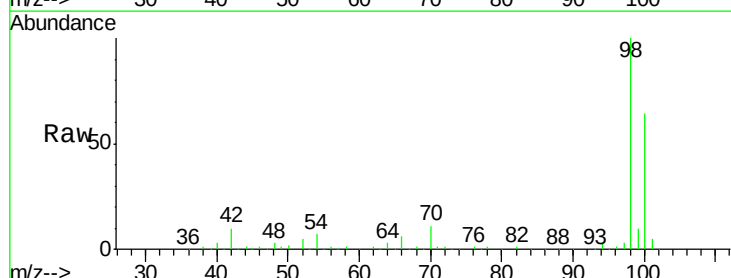
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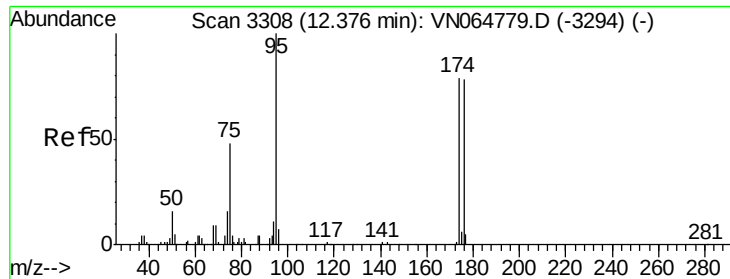
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#50
 Toluene-d8
 Concen: 51.545 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064839.D
 Acq: 25 Nov 2020 3:30

Tgt Ion: 98 Resp: 370753
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5





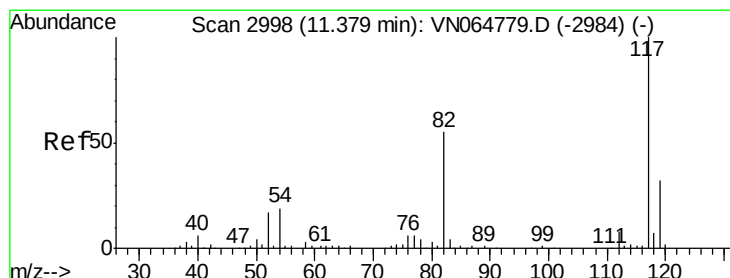
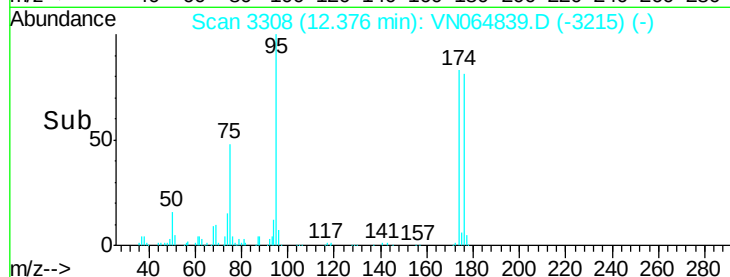
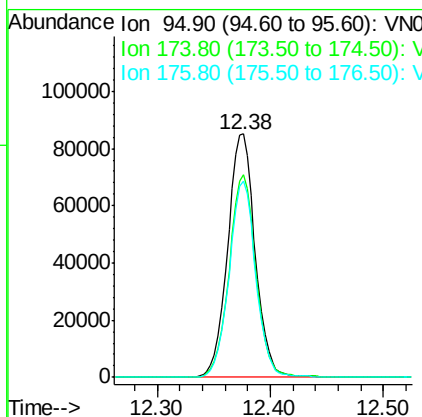
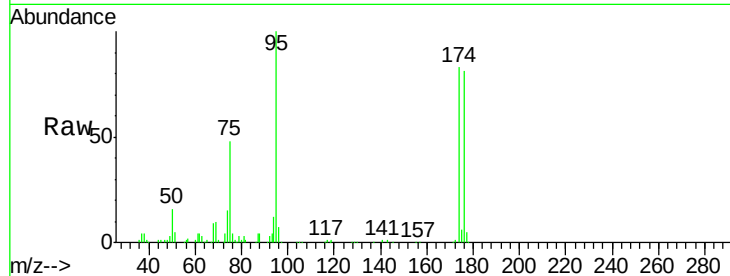
#62
4-Bromofluorobenzene
Concen: 55.818 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064839.D
Acq: 25 Nov 2020 3:30

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20201118

Tot Ion	Ratio	Resp	Lower	Upper
95	100	143685		
174	81.3	0.0	160.4	
176	78.1	0.0	158.4	

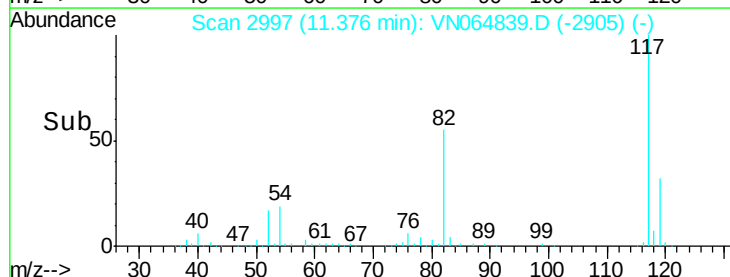
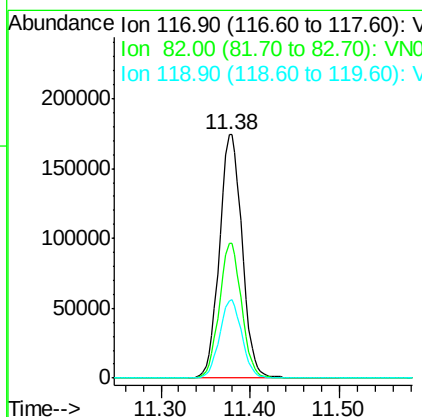
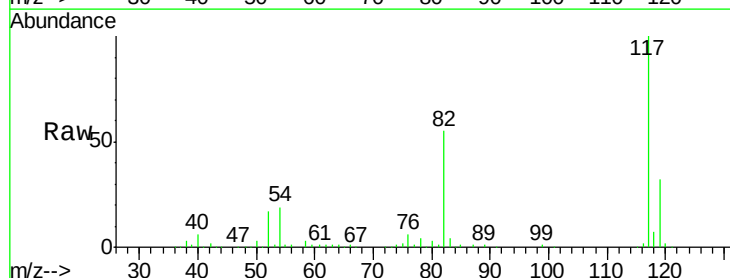
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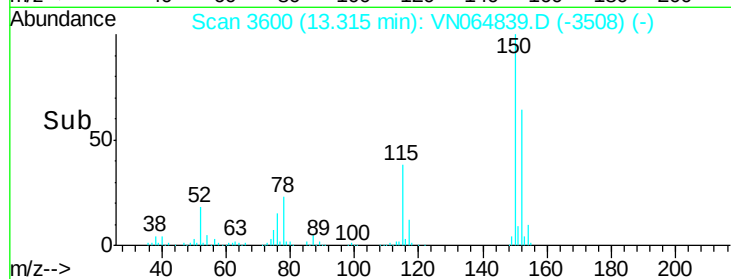
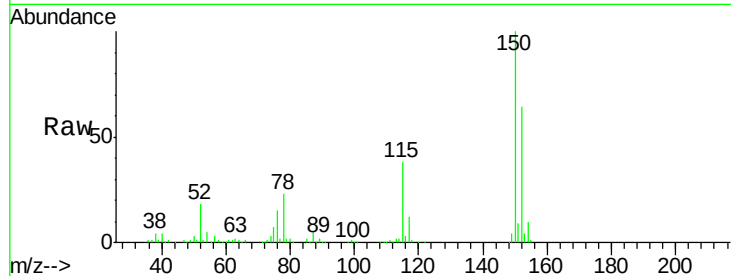
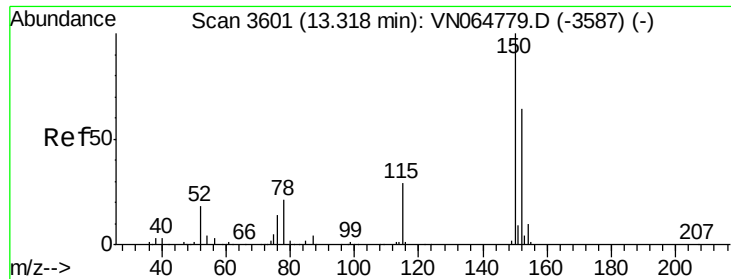
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11/25/2020 9:51:35 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064839.D
Acq: 25 Nov 2020 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	305926		
82	55.3	44.2	66.2	
119	32.0	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064839.D

Acq: 25 Nov 2020 3:30

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20201118

Tot Ion:	152	Resp:	139207
Ion Ratio	Lower	Upper	
152	100		
115	57.5	29.7	89.1
150	155.5	0.0	350.6

Manual Integrations
APPROVED

MMDadoda
11/25/2020 9:51:35 AM

