

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062306.D
 Acq On : 1 Jul 2020 20:56
 Operator : JC/MD
 Sample : L3127-06 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200625

Manual Integrations
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 7/2/2020 12:38:59 PM

Quant Time: Jul 02 07:51:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	398071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157222	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.55	113	128847	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.06	98	520471	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.38	95	164620	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	3646	1.551	ug/l	90
4) Vinyl Chloride	2.16	62	58714	15.863	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4457	1.866	ug/l #	71
12) 1,1-Dichloroethene	3.70	96	4799	2.010	ug/l	91
21) trans-1,2-Dichloroethene	5.00	96	5750m	2.114	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	834639	272.708	ug/l	92
44) Trichloroethene	8.80	130	920360	299.172	ug/l	95

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

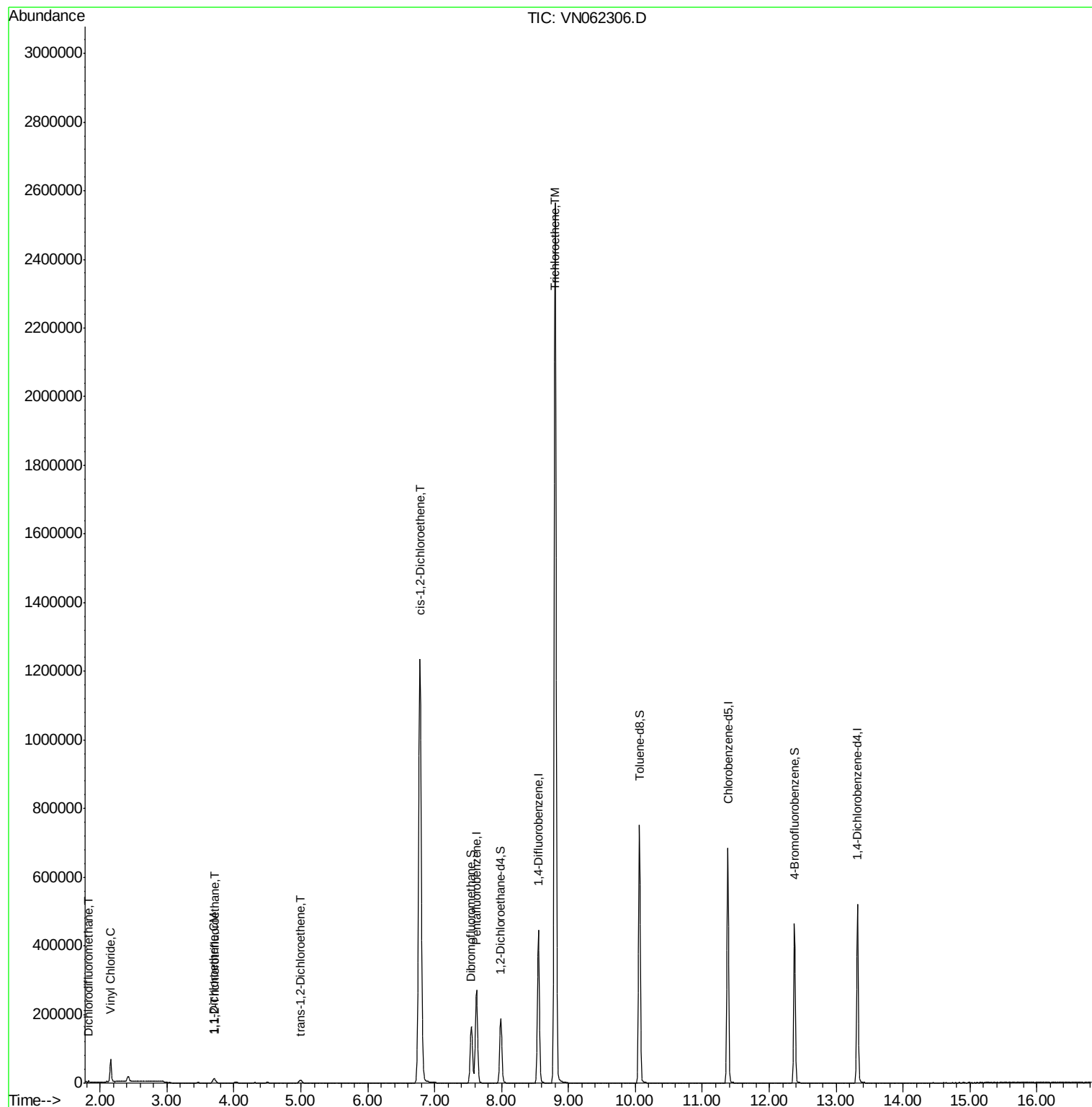
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070120\
Data File : VN062306.D
Acq On : 1 Jul 2020 20:56
Operator : JC/MD
Sample : L3127-06 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

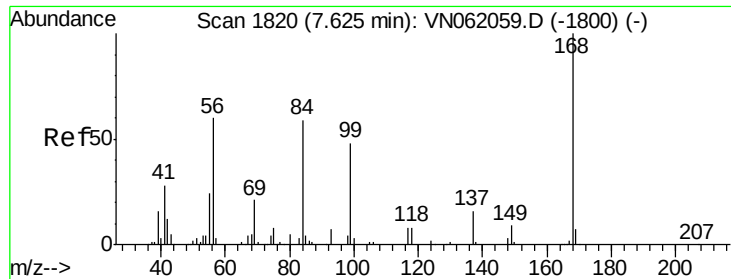
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20200625

Manual Integrations
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7/2/2020 12:38:59 PM

Quant Time: Jul 02 07:51:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062306.D

Acq: 1 Jul 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200625

Tot Ion:168 Resp: 207929

Ion Ratio Lower Upper

168 100

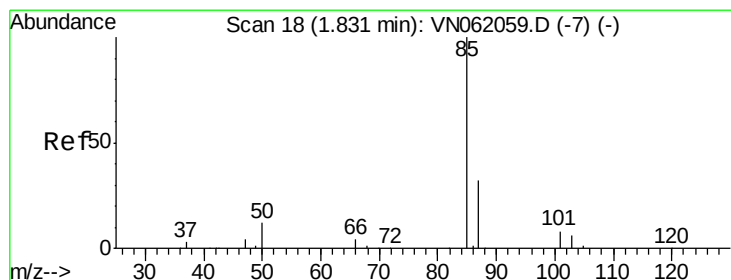
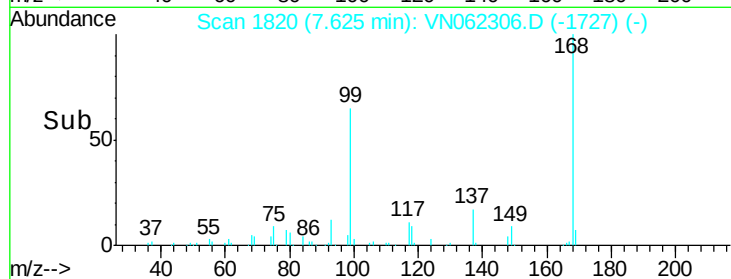
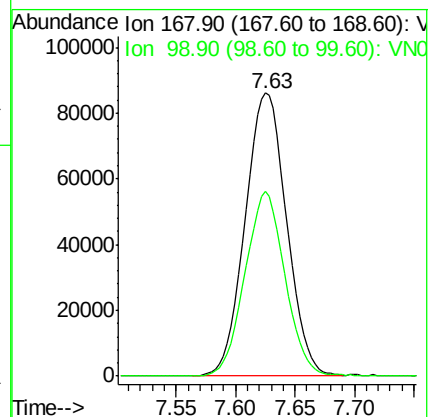
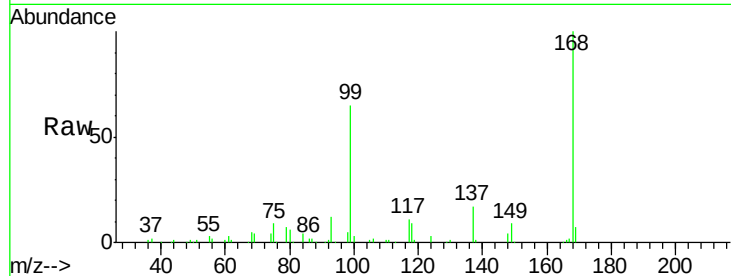
99 65.5 45.8 68.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.551 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062306.D

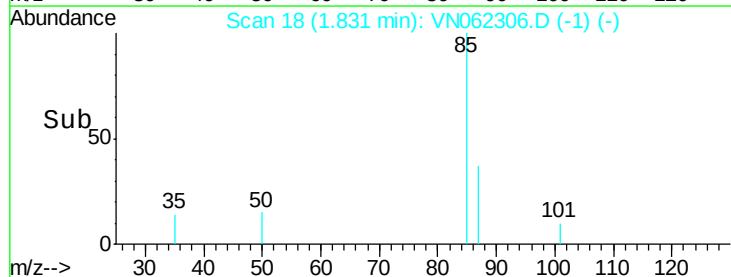
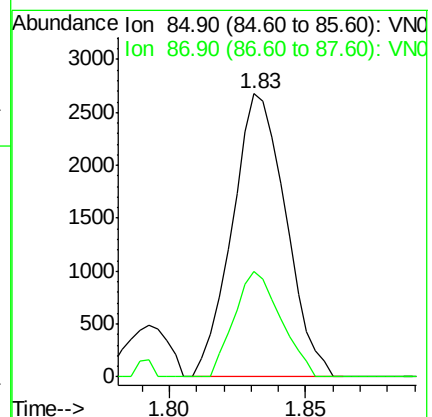
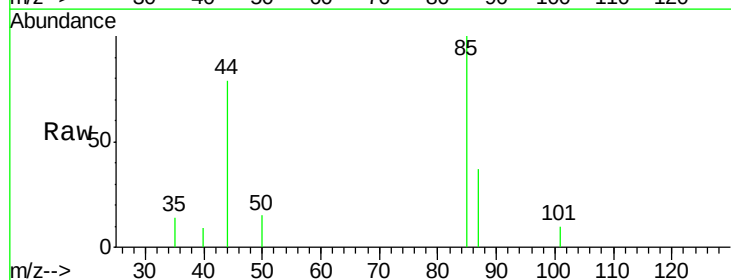
Acq: 1 Jul 2020 20:56

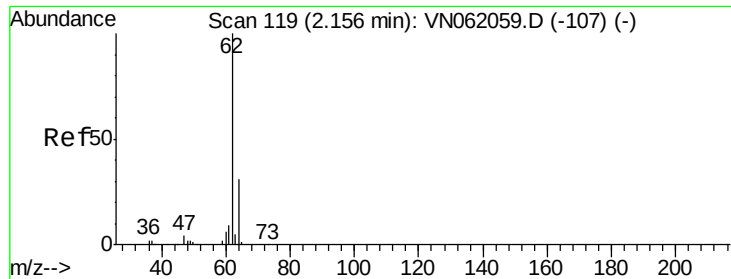
Tgt Ion: 85 Resp: 3646

Ion Ratio Lower Upper

85 100

87 37.3 15.9 47.7





#4

Vinyl Chloride

Concen: 15.863 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200625

Tot Ion: 62 Resp: 58714

Ion Ratio Lower Upper

62 100

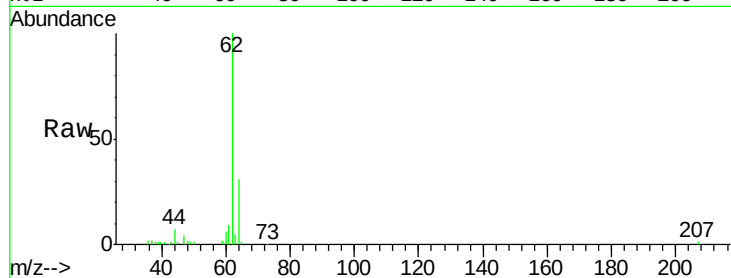
64 31.3 25.1 37.7

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VN062306.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062306.D (-26) (-)

2.16

40000

30000

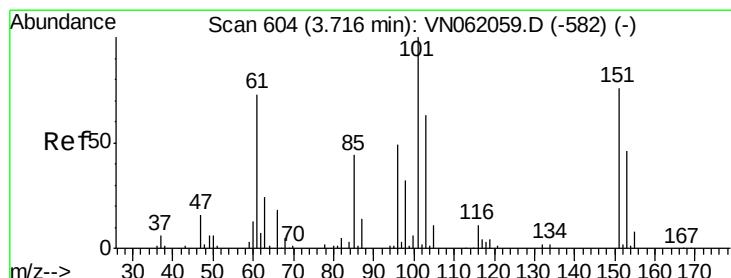
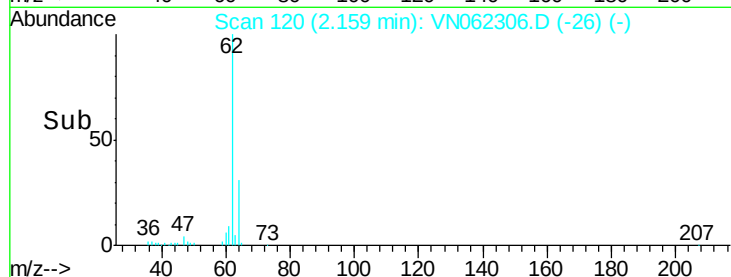
20000

10000

0

2.10 2.15 2.20 2.25

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.866 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

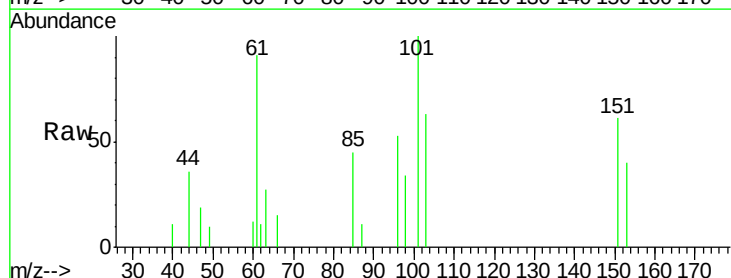
Tgt Ion: 101 Resp: 4457

Ion Ratio Lower Upper

101 100

85 31.1 34.5 51.7#

151 43.5 57.8 86.8#



Abundance Ion 100.90 (100.60 to 101.60): VN062306.D (-511) (-)

Ion 84.90 (84.60 to 85.60): VN062306.D (-511) (-)

Ion 150.80 (150.50 to 151.50): VN062306.D (-511) (-)

3.72

2000

1500

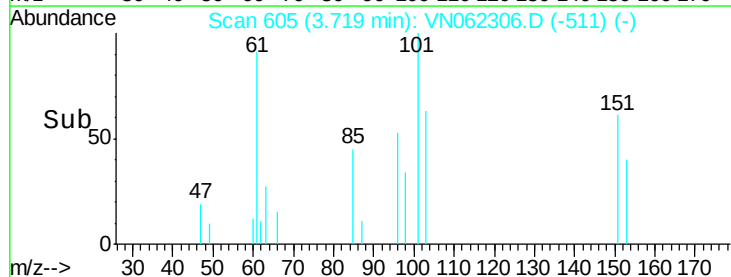
1000

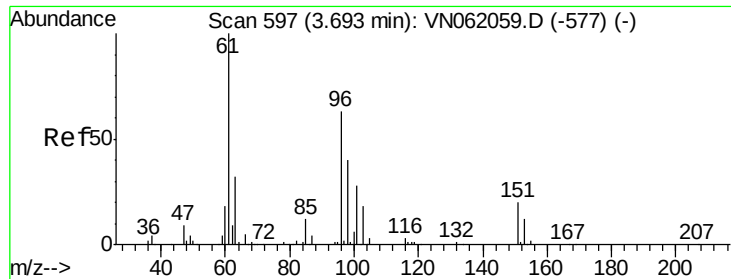
500

0

3.65 3.70 3.75 3.80

Time-->





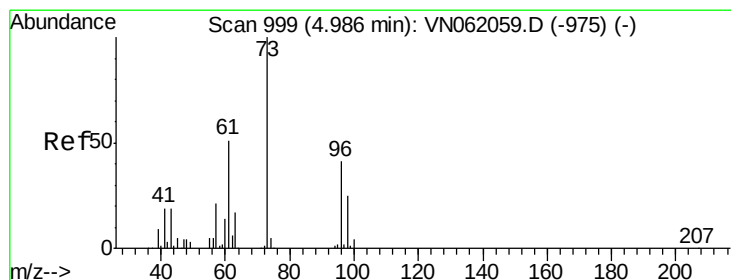
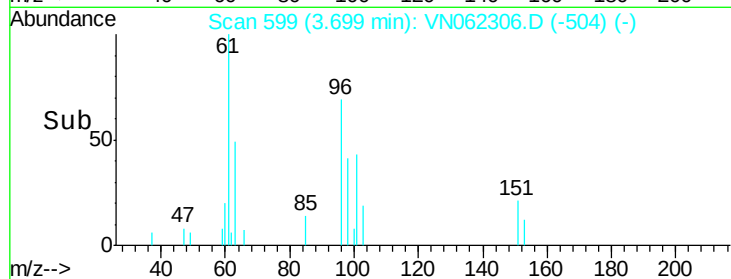
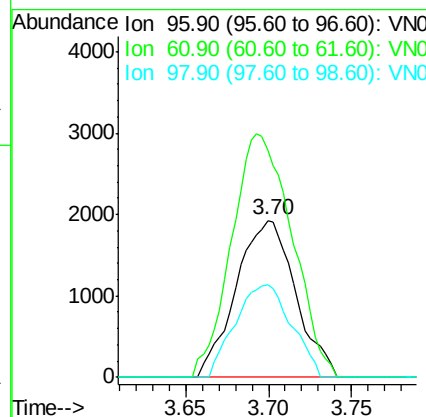
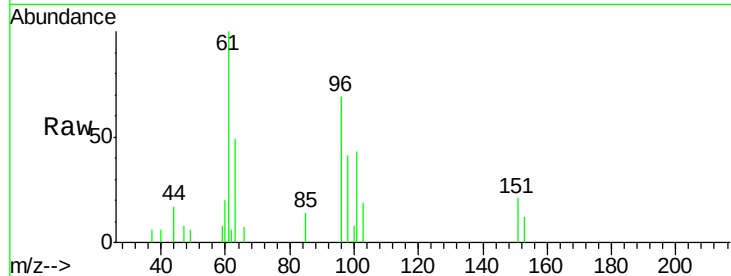
#12
 1,1-Dichloroethene
 Concen: 2.010 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: VN062306.D
 Acq: 1 Jul 2020 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200625

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	126.7	190.1
98	59.1	51.0	76.4

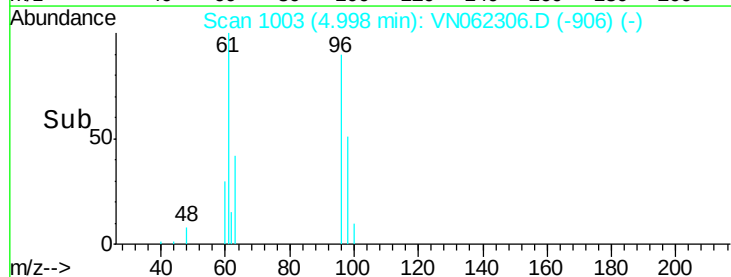
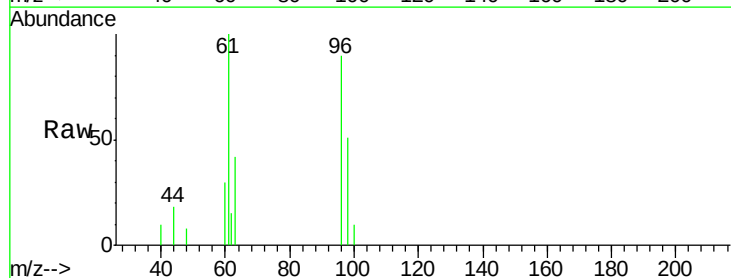
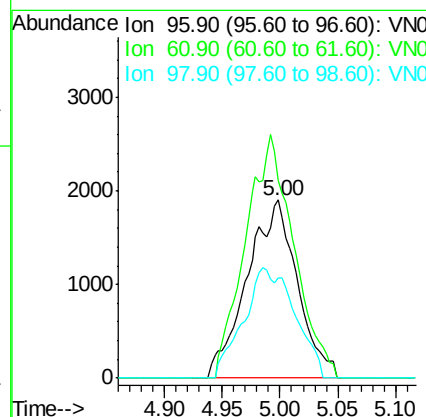
Manual Integrations
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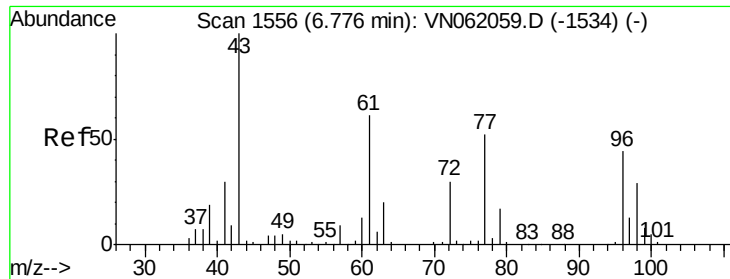
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#21
 trans-1,2-Dichloroethene
 Concen: 2.114 ug/l m
 RT: 5.00 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: VN062306.D
 Acq: 1 Jul 2020 20:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	111.2	101.4	152.2
98	56.7	49.3	73.9





#27

cis-1,2-Dichloroethene

Concen: 272.708 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

Instrument :

MSVOA_N

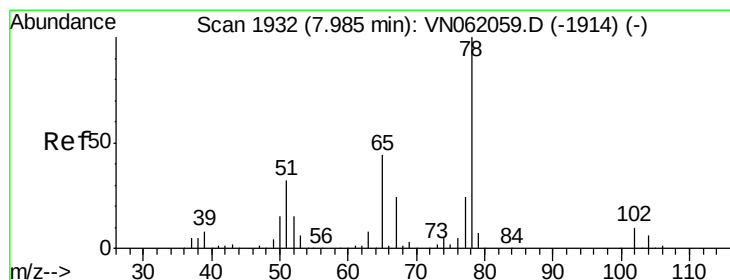
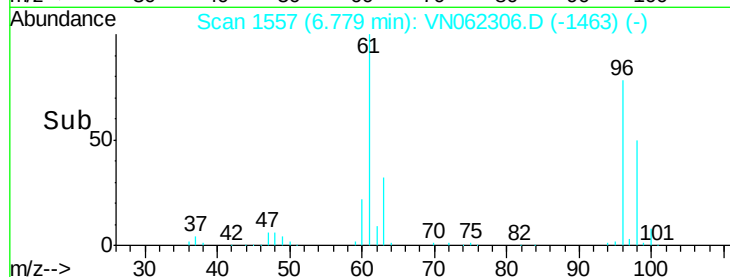
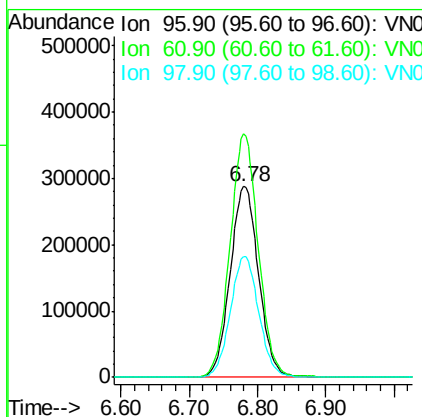
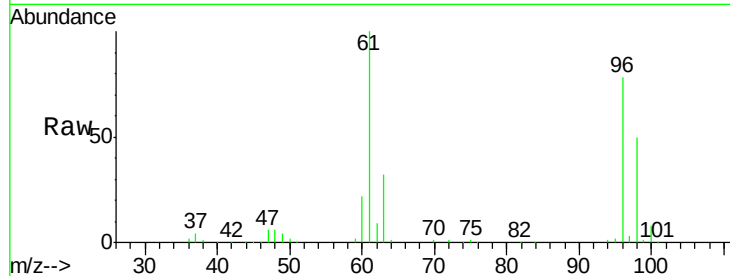
ClientSampleId :

DUP01-20200625

Tot Ion:	96	Resp:	834639
Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	280.4
98	63.3	0.0	129.4

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#33

1,2-Dichloroethane-d4

Concen: 53.881 ug/l

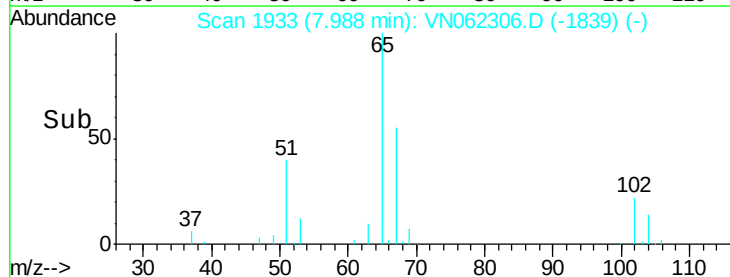
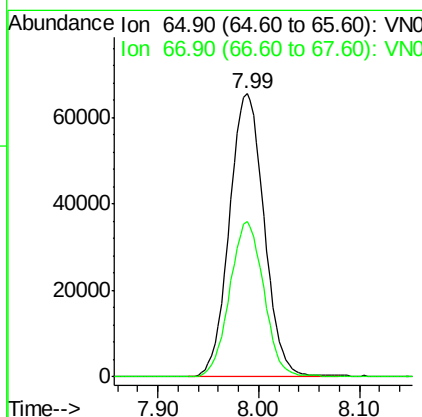
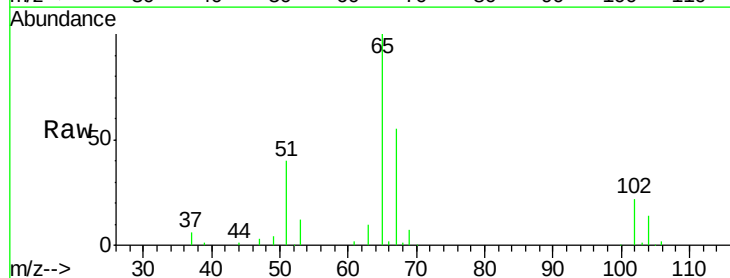
RT: 7.99 min Scan# 1933

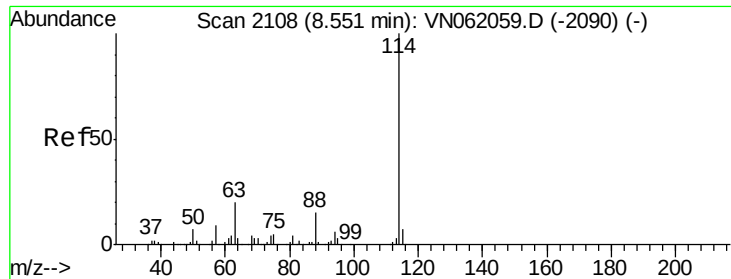
Delta R.T. 0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

Tgt Ion:	65	Resp:	157222
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.2





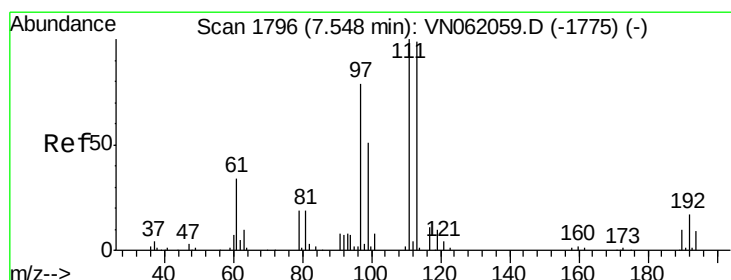
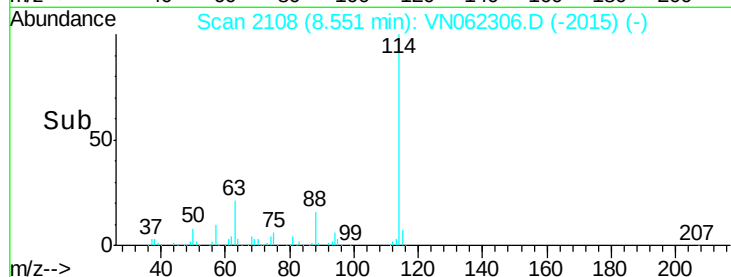
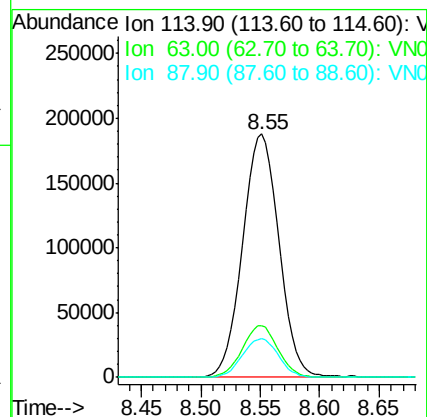
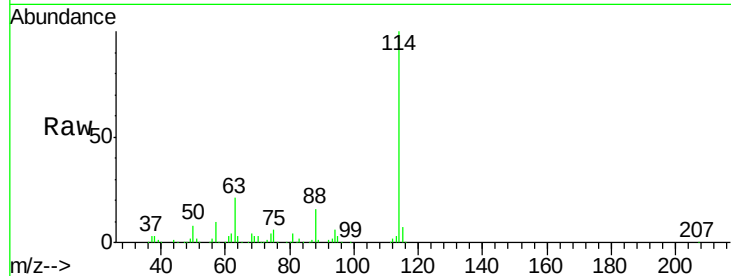
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062306.D
 Acq: 1 Jul 2020 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200625

Tot Ion	Ratio	Resp	Lower	Upper
114	100	398071		
63	21.4		0.0	39.2
88	15.9		0.0	30.8

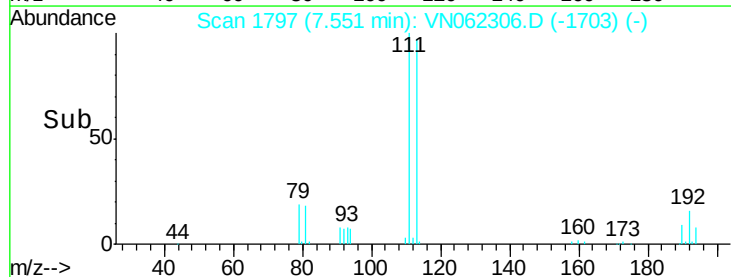
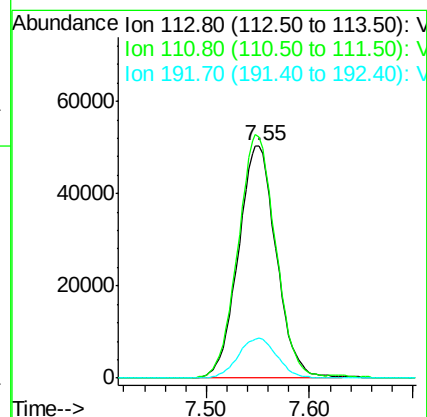
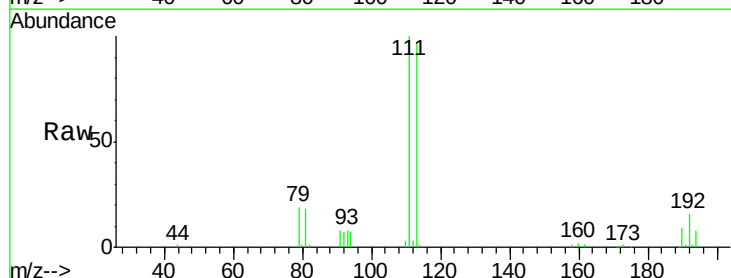
Manual Integrations
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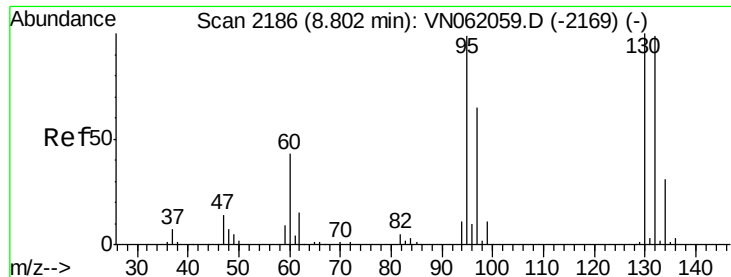
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#35
 Dibromofluoromethane
 Concen: 50.453 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062306.D
 Acq: 1 Jul 2020 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	128847		
111	103.7		82.2	123.4
192	17.4		14.0	21.0





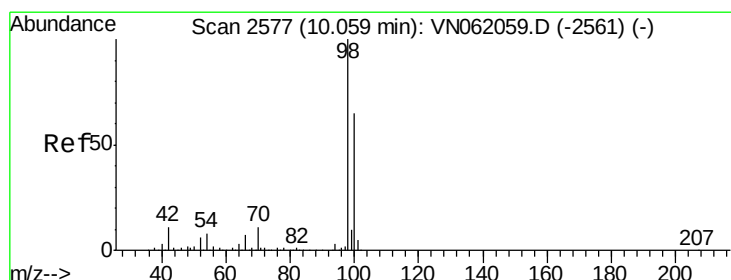
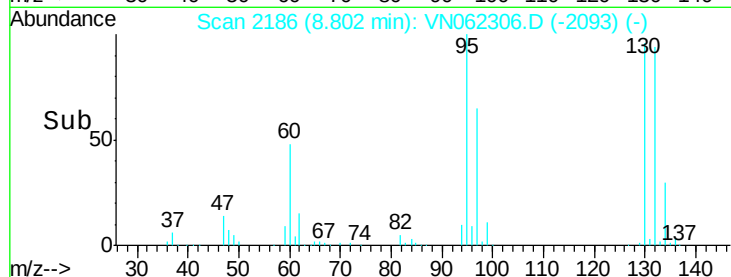
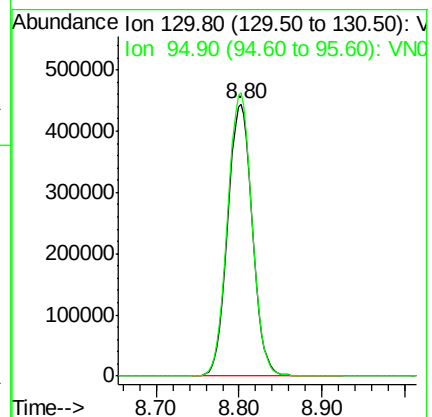
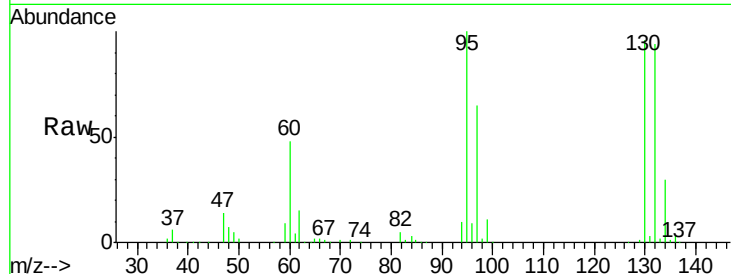
#44
 Trichloroethene
 Concen: 299.172 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062306.D
 Acq: 1 Jul 2020 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20200625

Tot Ion:130 Resp: 920360
 Ion Ratio Lower Upper
 130 100
 95 104.1 0.0 197.8

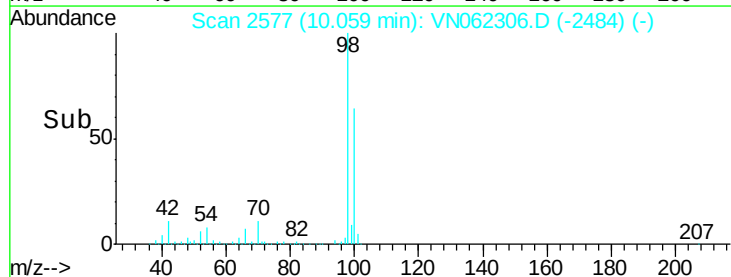
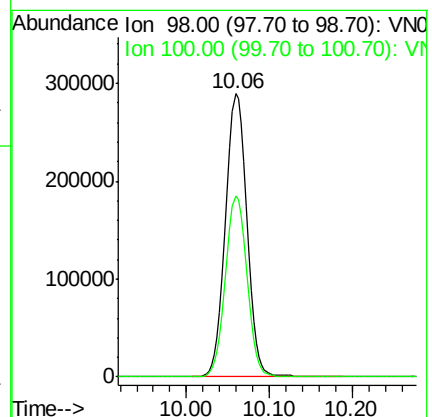
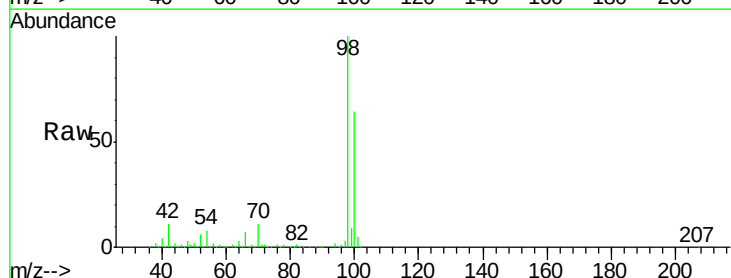
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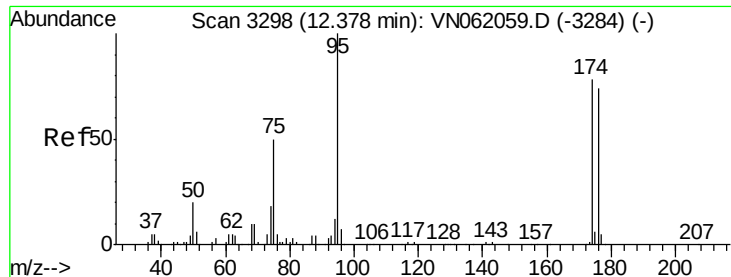
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#50
 Toluene-d8
 Concen: 50.984 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062306.D
 Acq: 1 Jul 2020 20:56

Tgt Ion: 98 Resp: 520471
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.730 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

Instrument :

MSVOA_N

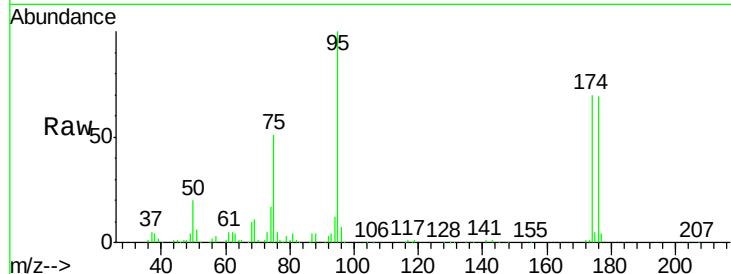
ClientSampleId :

DUP01-20200625

Tot Ion:	95	Resp:	164620
Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	154.8
176	70.0	0.0	147.4

Manual Integrations
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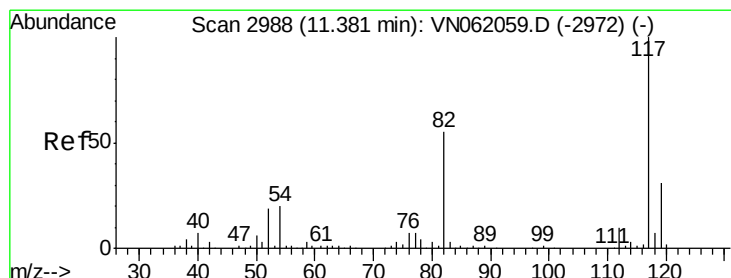
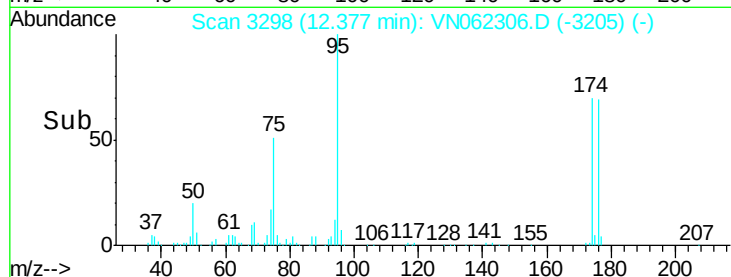
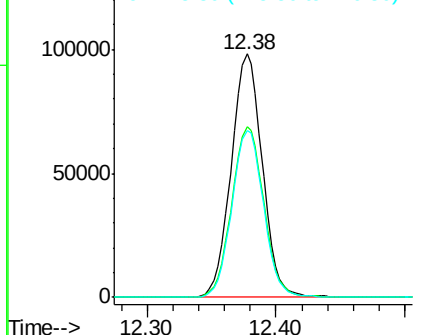
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Abundance Ion 94.90 (94.60 to 95.60): VN062306.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062306.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062306.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

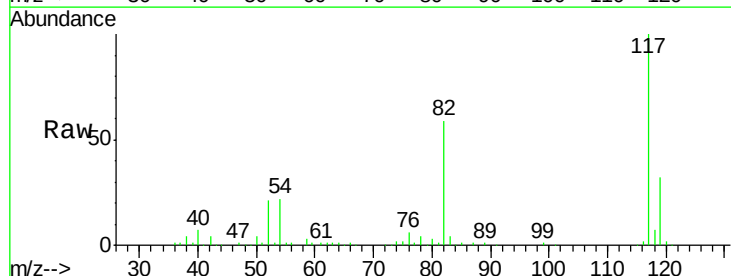
RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

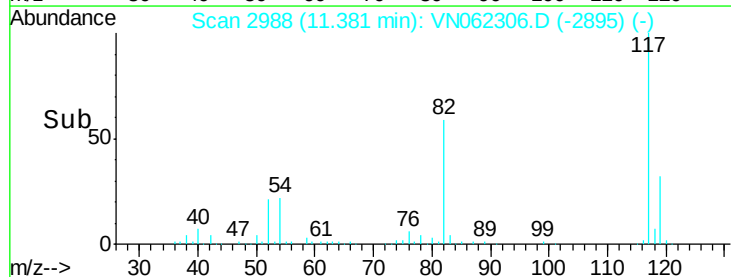
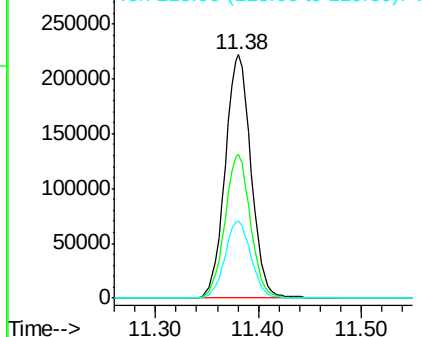
Tgt Ion:	117	Resp:	387174
Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.8	65.8
119	31.6	25.2	37.8

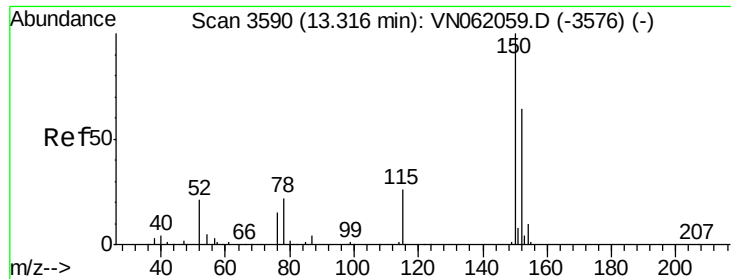


Abundance Ion 116.90 (116.60 to 117.60): VN062306.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062306.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062306.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062306.D

Acq: 1 Jul 2020 20:56

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20200625

Tot Ion:152 Resp: 137529

Ion Ratio Lower Upper

152 100

115 59.4 29.5 88.5

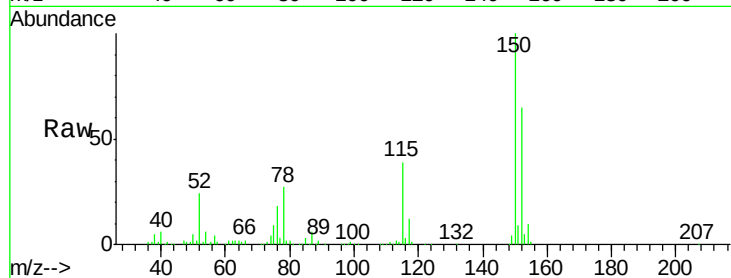
150 153.7 0.0 351.4

Manual Integrations

APPROVED

MMDadoda

7/2/2020 12:38:59 PM



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

