

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062140.D
 Acq On : 26 Jun 2020 15:25
 Operator : JC/MD
 Sample : L3088-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 45BR-20200622

Manual Integrations
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 6/29/2020 12:35:36 PM

Quant Time: Jun 27 04:34:09 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	216419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	395338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	373369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	146272	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
35) Dibromofluoromethane	7.55	113	123882	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	10.06	98	494189	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.38	95	154946	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	12034	4.919	ug/l	99
4) Vinyl Chloride	2.16	62	172164	44.691	ug/l	98
12) 1,1-Dichloroethene	3.70	96	15148	6.096	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	18179	6.422	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	3912446	1228.194	ug/l	87
29) Tetrahydrofuran	7.16	42	2203m	2.266	ug/l	
44) Trichloroethene	8.80	130	7677818	2513.002	ug/l	100

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

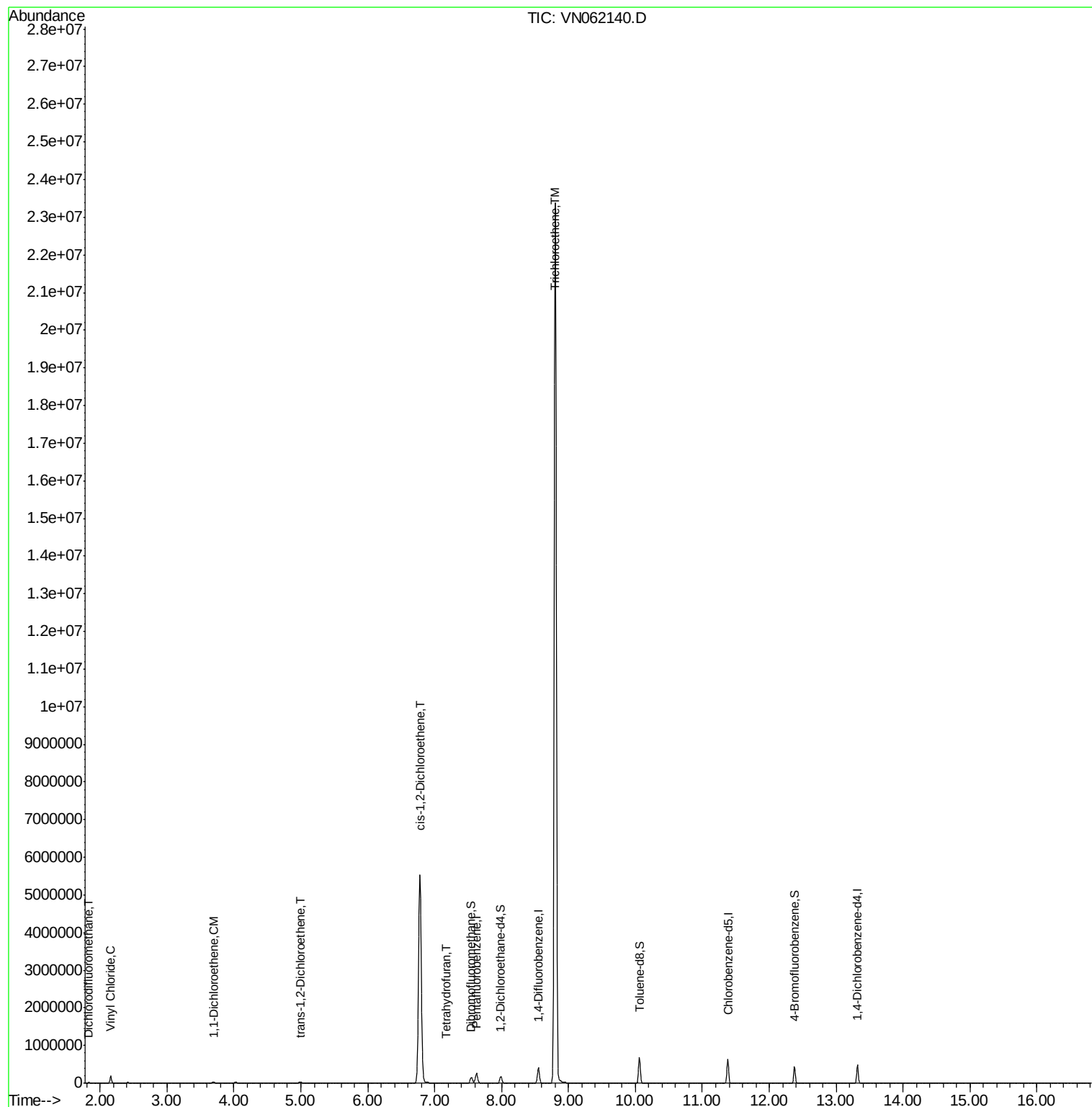
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062140.D
Acq On : 26 Jun 2020 15:25
Operator : JC/MD
Sample : L3088-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

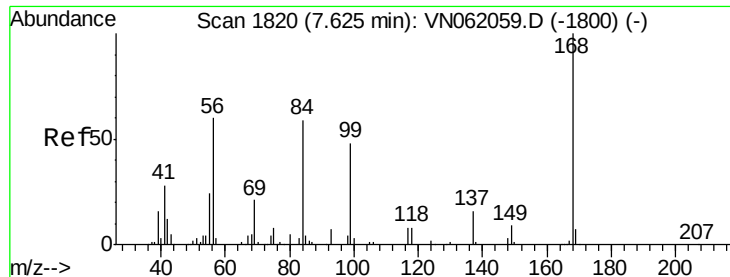
Instrument :
MSVOA_N
ClientSampleId :
45BR-20200622

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Quant Time: Jun 27 04:34:09 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: VN062140.D

Acq: 26 Jun 2020 15:25

Instrument :

MSVOA_N

ClientSampleId :

45BR-20200622

Tot Ion:168 Resp: 216419

Ion Ratio Lower Upper

168 100

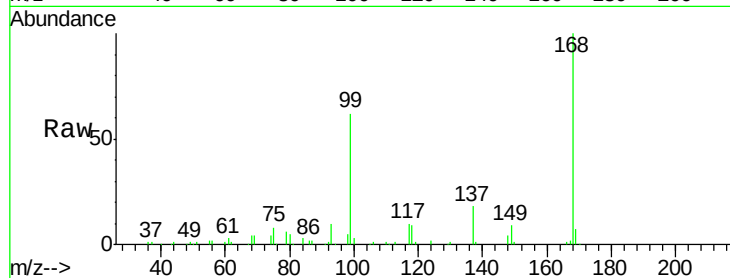
99 61.6 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

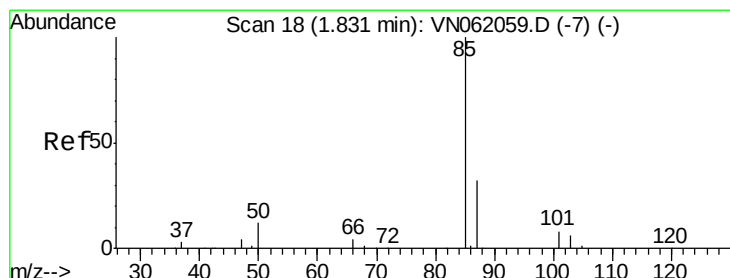
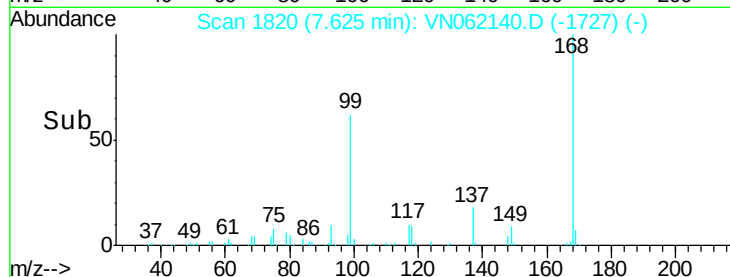
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 4.919 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062140.D

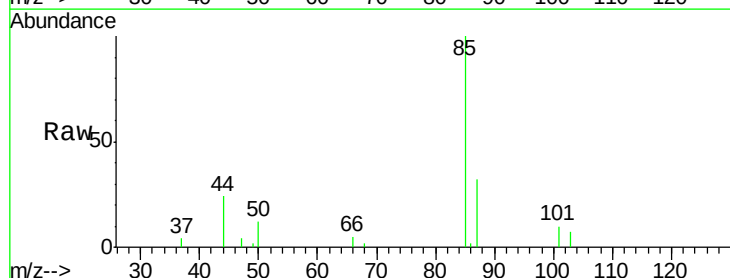
Acq: 26 Jun 2020 15:25

Tgt Ion: 85 Resp: 12034

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

10000

8000

6000

4000

2000

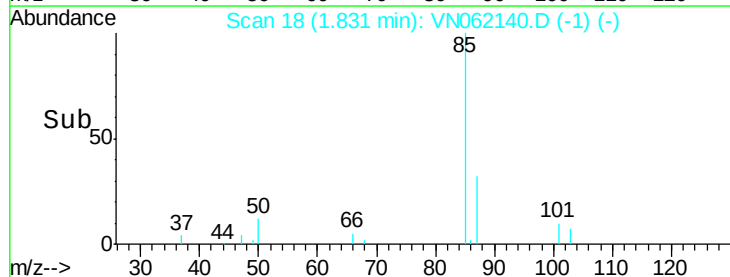
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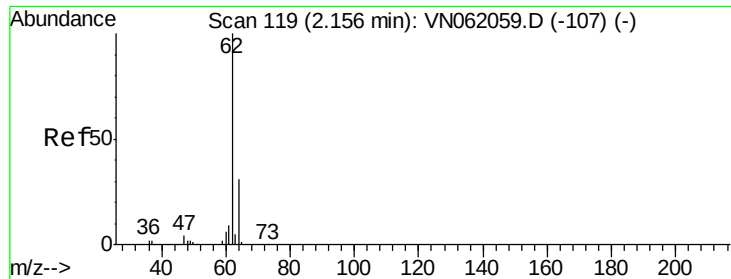
1.80

1.85

1.90

Time-->





#4

Vinyl Chloride

Concen: 44.691 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

Instrument :

MSVOA_N

ClientSampled :

45BR-20200622

Tot Ion: 62 Resp: 172164

Ion Ratio Lower Upper

62 100

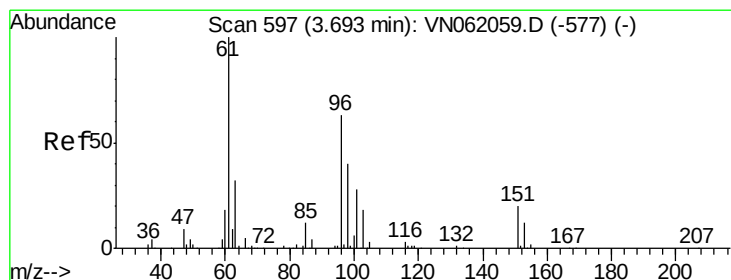
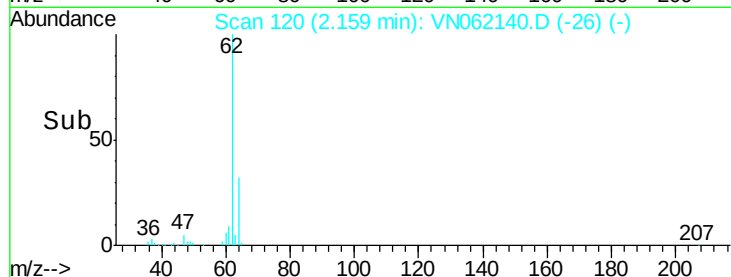
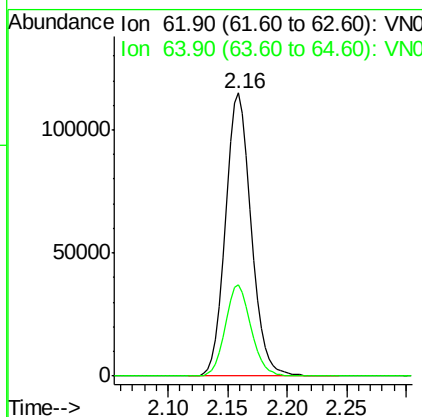
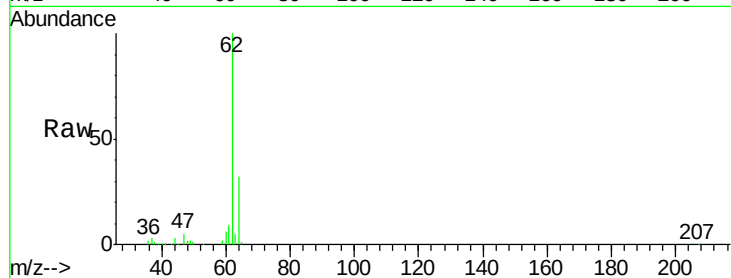
64 32.5 25.1 37.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 6.096 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

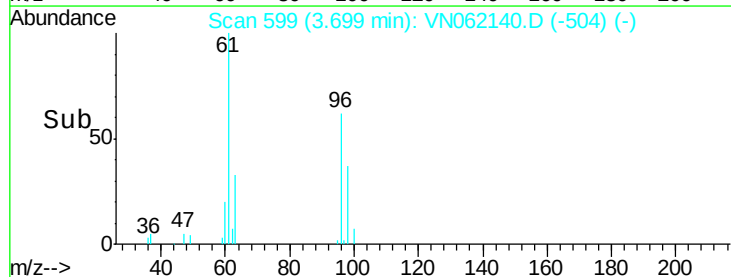
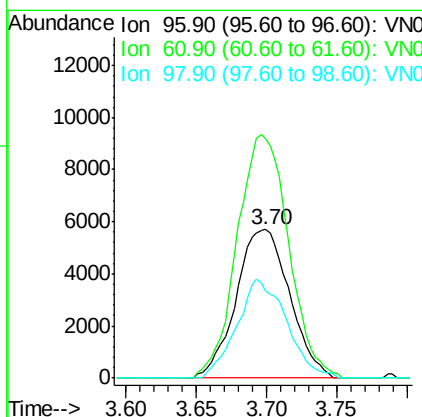
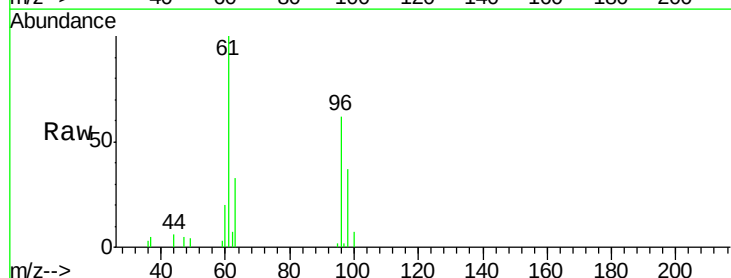
Tgt Ion: 96 Resp: 15148

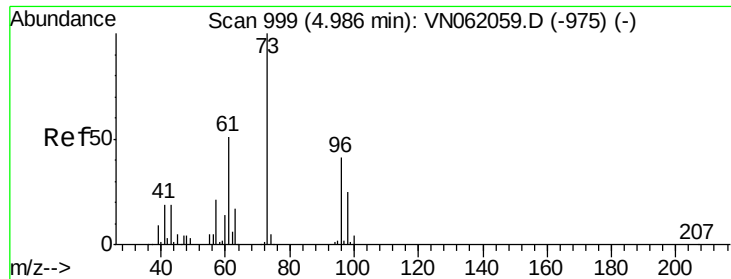
Ion Ratio Lower Upper

96 100

61 161.5 126.7 190.1

98 59.1 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 6.422 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 96 Resp: 18179

Ion Ratio Lower Upper

96 100

61 127.9 101.4 152.2

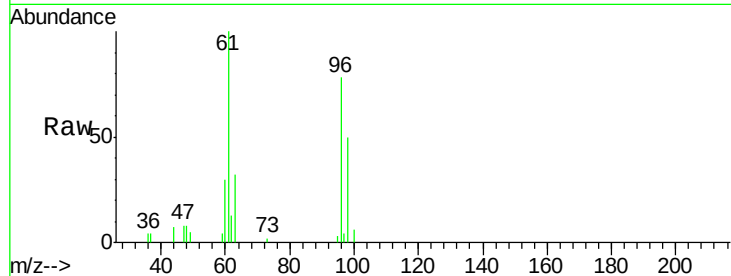
98 64.0 49.3 73.9

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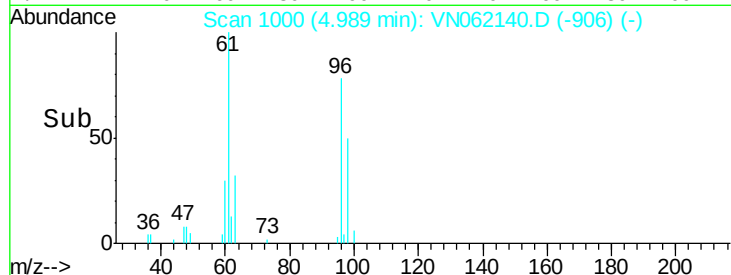


Abundance Ion 95.90 (95.60 to 96.60): VN062140.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062140.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062140.D (-906) (-)

Time-->

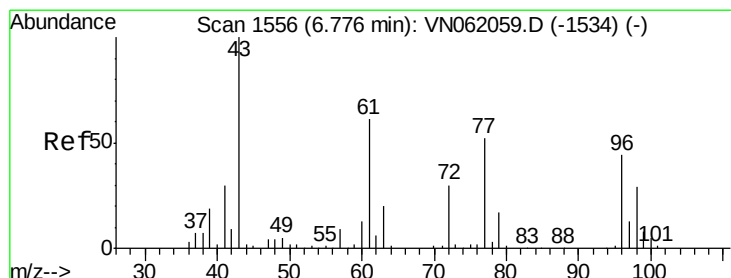


Abundance Ion 95.90 (95.60 to 96.60): VN062140.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062140.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062140.D (-906) (-)

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1228.194 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

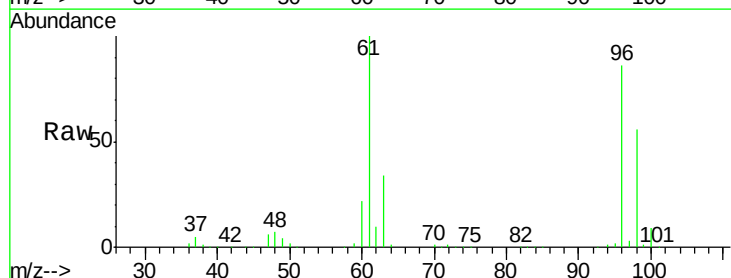
Tgt Ion: 96 Resp: 3912446

Ion Ratio Lower Upper

96 100

61 117.7 0.0 280.4

98 64.2 0.0 129.4

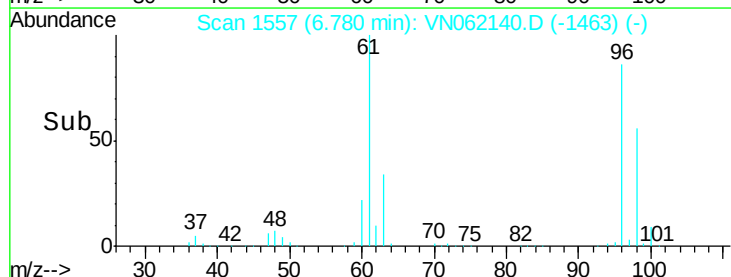


Abundance Ion 95.90 (95.60 to 96.60): VN062140.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062140.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062140.D (-1463) (-)

Time-->

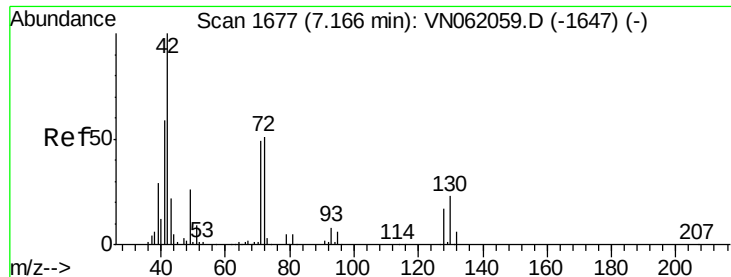


Abundance Ion 95.90 (95.60 to 96.60): VN062140.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062140.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062140.D (-1463) (-)

Time-->



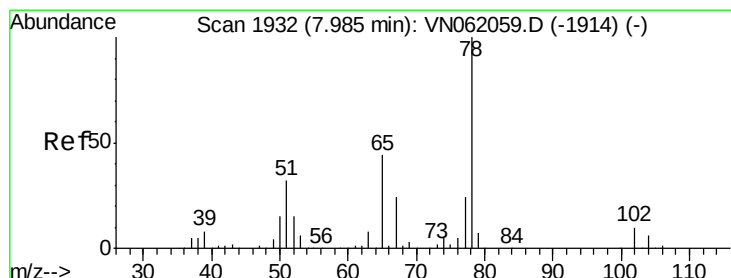
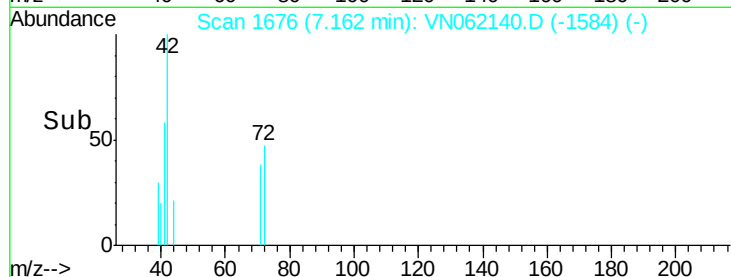
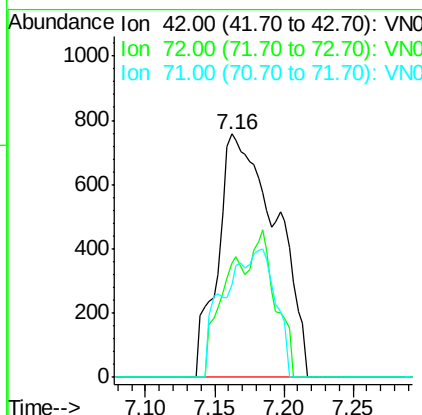
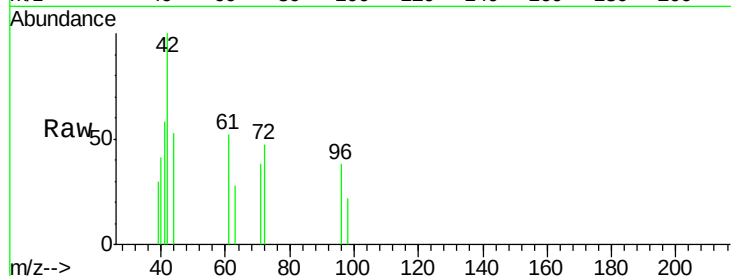
#29
Tetrahydrofuran
Concen: 2.266 ug/l m
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062140.D
Acq: 26 Jun 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
45BR-20200622

Tot Ion	Ratio	Lower	Upper
42	100		
72	22.1	41.1	61.7#
71	0.0	38.2	57.4#

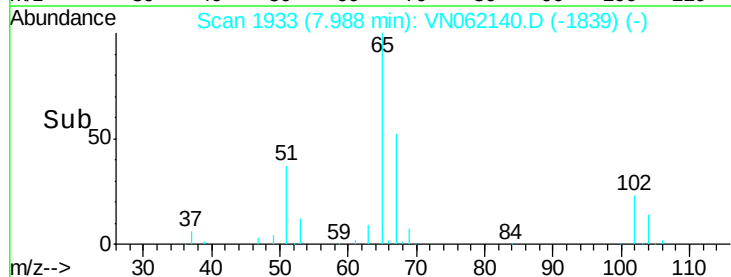
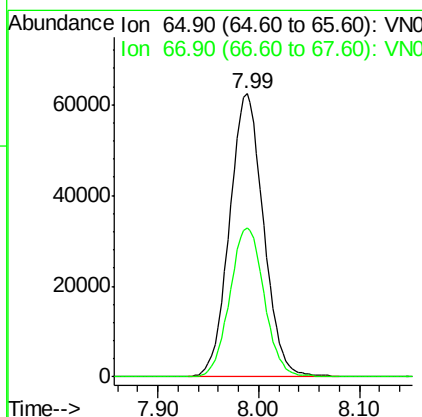
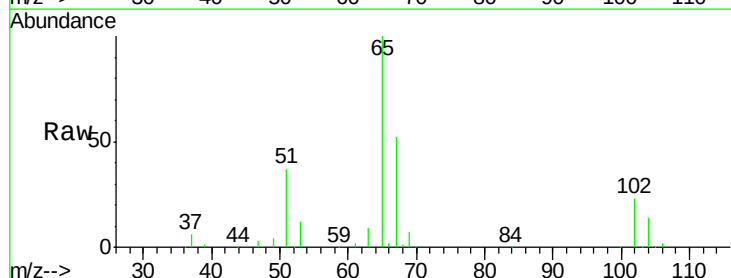
Manual Integrations
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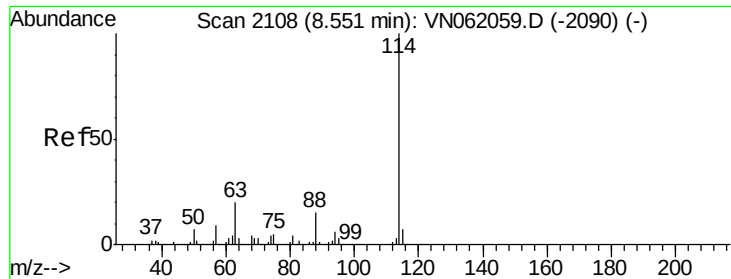
MMDadoda
6/29/2020 12:35:36 PM



#33
1,2-Dichloroethane-d4
Concen: 48.162 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062140.D
Acq: 26 Jun 2020 15:25

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VN062140.D

Acq: 26 Jun 2020 15:25

Instrument :

MSVOA_N

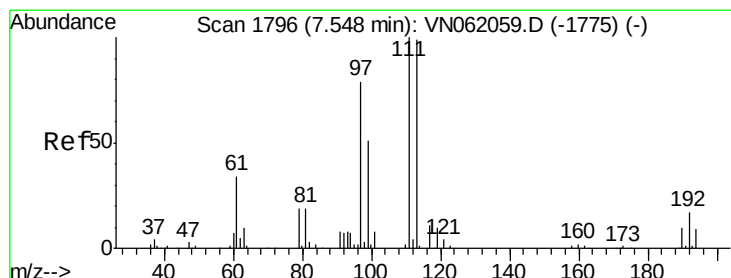
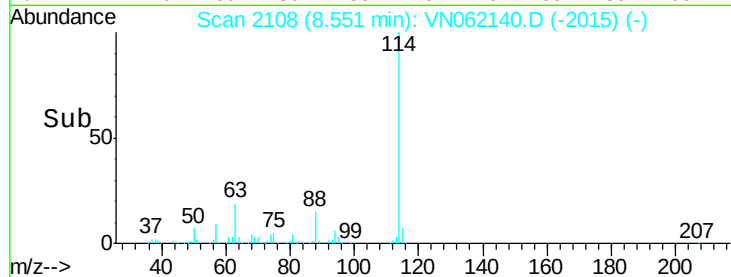
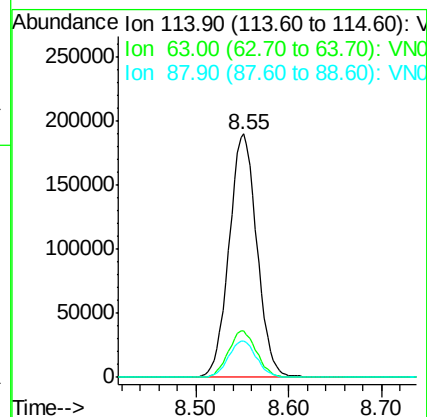
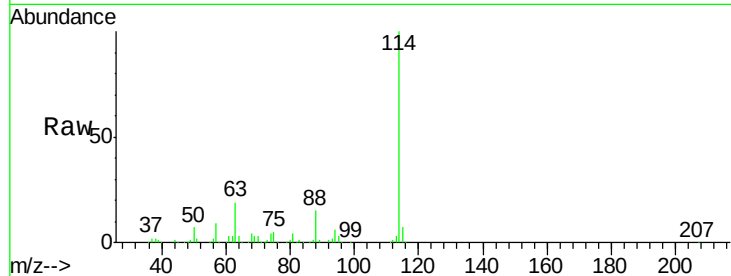
ClientSampleId :

45BR-20200622

Tot Ion	Ratio	Resp	Lower	Upper
114	100	395338		
63	18.9	0.0	39.2	
88	15.0	0.0	30.8	

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#35

Dibromofluoromethane

Concen: 48.844 ug/l

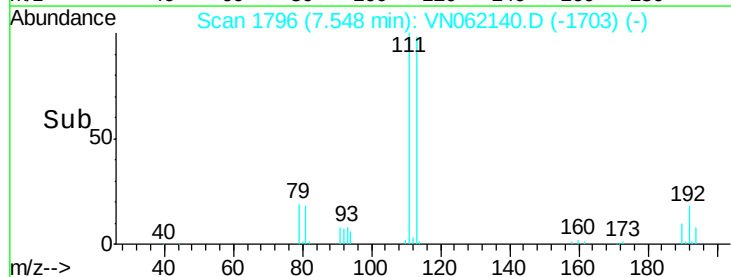
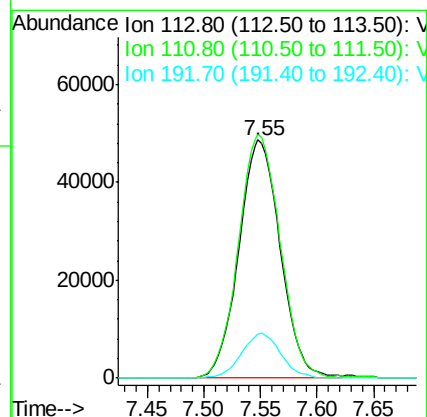
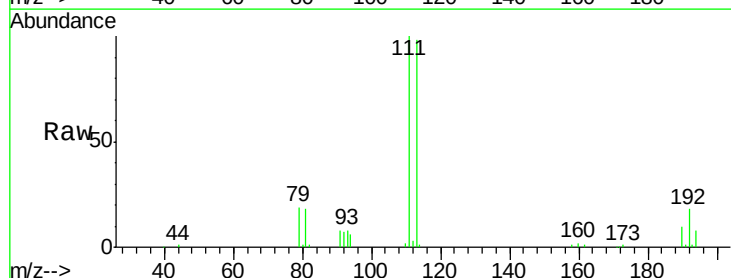
RT: 7.55 min Scan# 1796

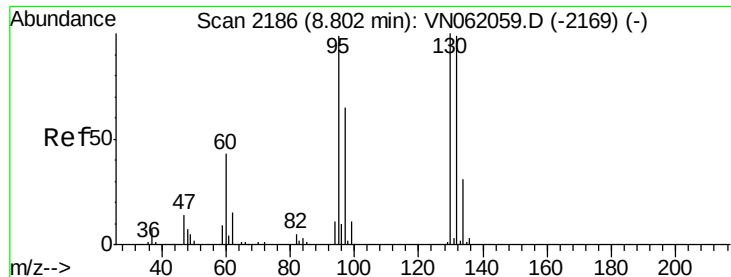
Delta R.T. -0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	123882		
111	103.1	82.2	123.4	
192	17.8	14.0	21.0	





#44

Trichloroethene

Concen: 2513.002 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

Instrument :

MSVOA_N

ClientSampleId :

45BR-20200622

Tot Ion:130 Resp: 7677818

Ion Ratio Lower Upper

130 100

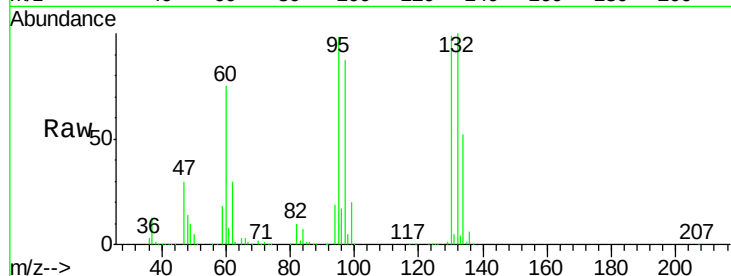
95 98.6 0.0 197.8

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

3000000

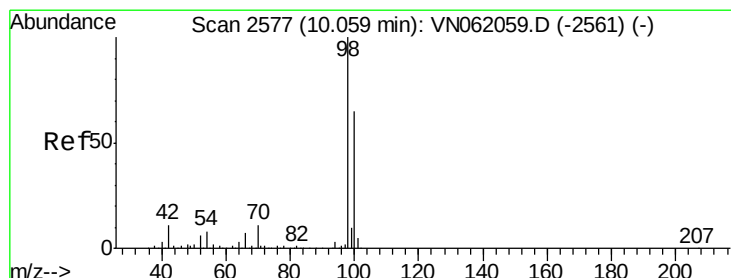
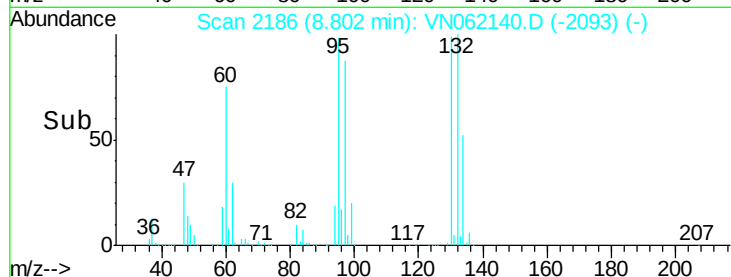
2000000

1000000

0

8.70 8.80 8.90 9.00

Time-->



#50

Toluene-d8

Concen: 48.744 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062140.D

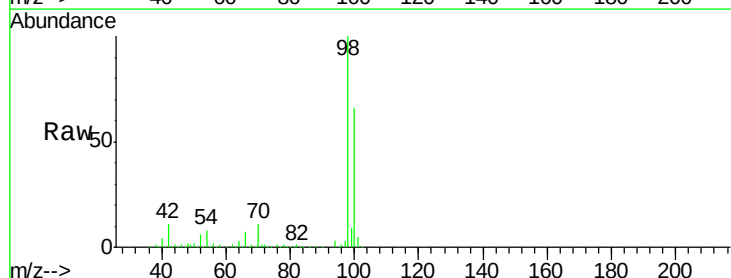
Acq: 26 Jun 2020 15:25

Tgt Ion: 98 Resp: 494189

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

300000

250000

200000

150000

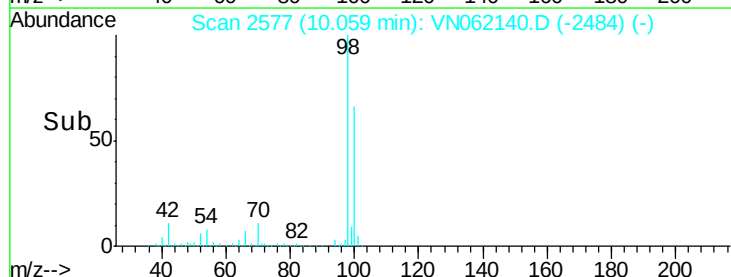
100000

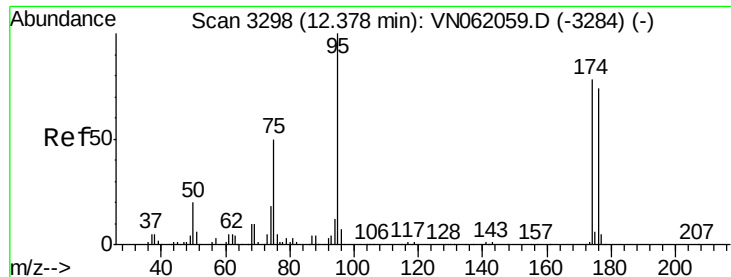
50000

0

10.00 10.06 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 45.235 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

Instrument :

MSVOA_N

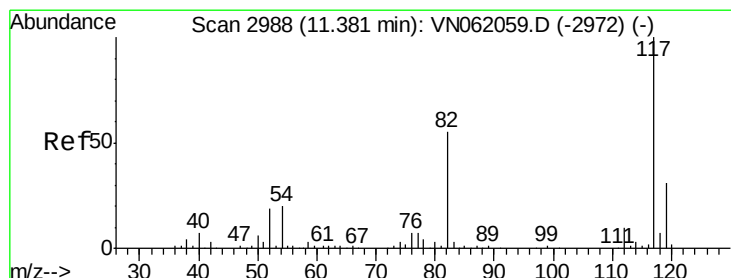
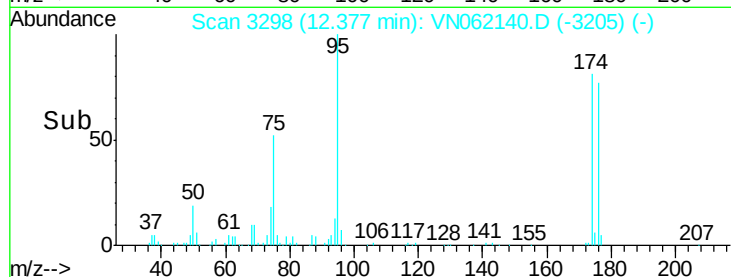
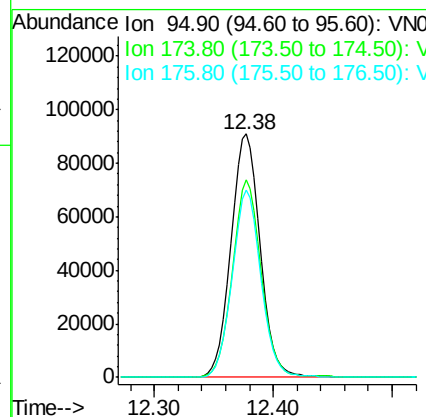
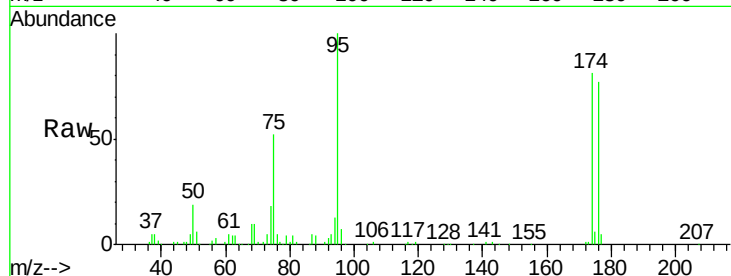
ClientSampleId :

45BR-20200622

Tot Ion:	95	Resp:	154946
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	154.8
176	75.7	0.0	147.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

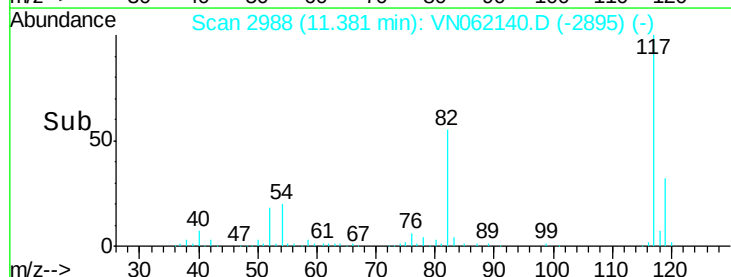
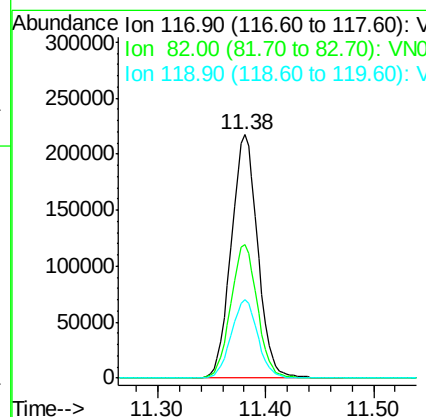
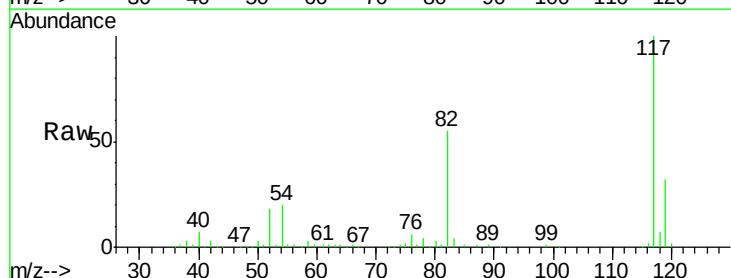
RT: 11.38 min Scan# 2988

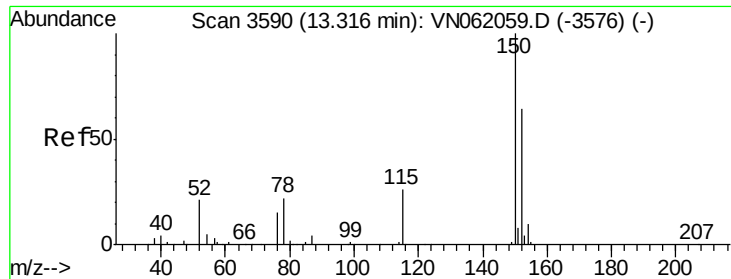
Delta R.T. -0.00 min

Lab File: VN062140.D

Acq: 26 Jun 2020 15:25

Tgt Ion:	117	Resp:	373369
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	32.1	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062140.D
 Acq: 26 Jun 2020 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 45BR-20200622

Tot Ion	Ratio	Resp	Lower	Upper
152	100	132930		
115	58.4	29.5	88.5	
150	155.9	0.0	351.4	

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:36 PM

