

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062150.D
 Acq On : 26 Jun 2020 19:27
 Operator : JC/MD
 Sample : L3088-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20BR-20200622

Quant Time: Jun 27 04:57:48 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

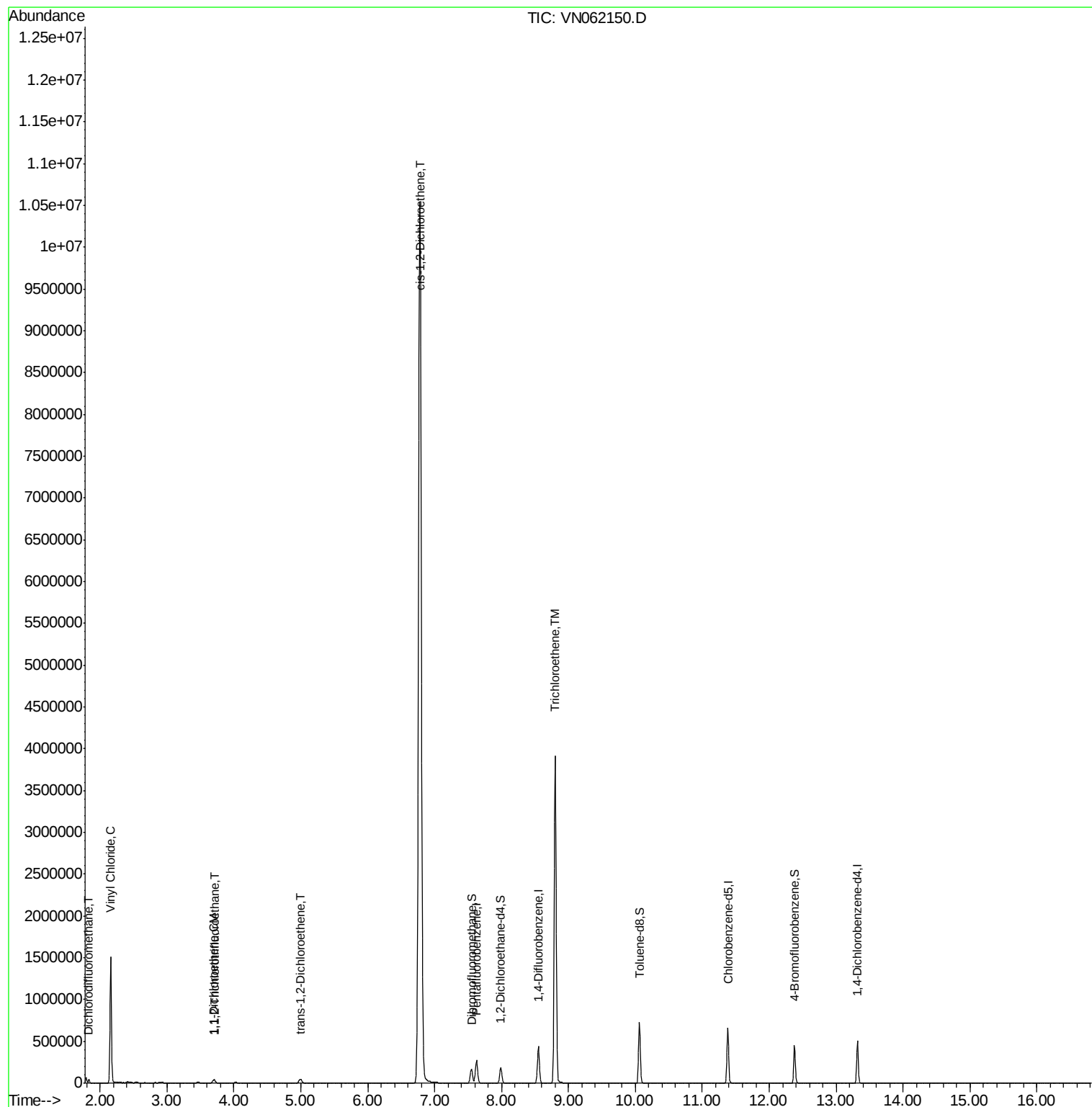
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	151860	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	7.55	113	128869	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.06	98	504349	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.38	95	160137	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	34307	13.948	ug/l	96
4) Vinyl Chloride	2.16	62	1344058	346.996	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	6452	2.581	ug/l #	70
12) 1,1-Dichloroethene	3.70	96	19234	7.698	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	33718	11.846	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	7452030	2326.611	ug/l	83
44) Trichloroethene	8.80	130	1418692	456.447	ug/l	98

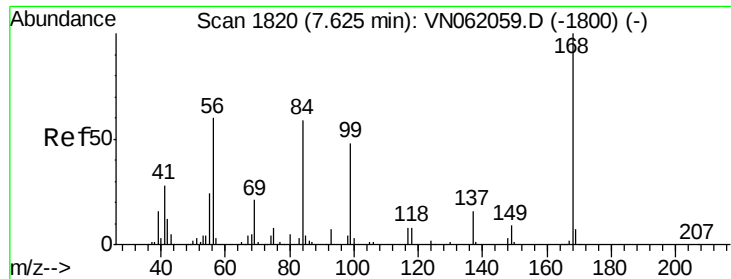
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062620\
Data File : VN062150.D
Acq On : 26 Jun 2020 19:27
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20BR-20200622

Quant Time: Jun 27 04:57:48 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: VN062150.D

Acq: 26 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

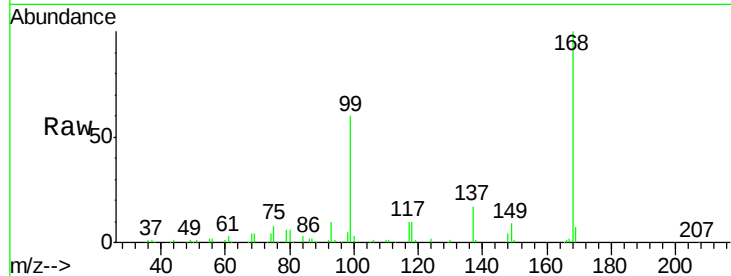
20BR-20200622

Tot Ion:168 Resp: 217603

Ion Ratio Lower Upper

168 100

99 60.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

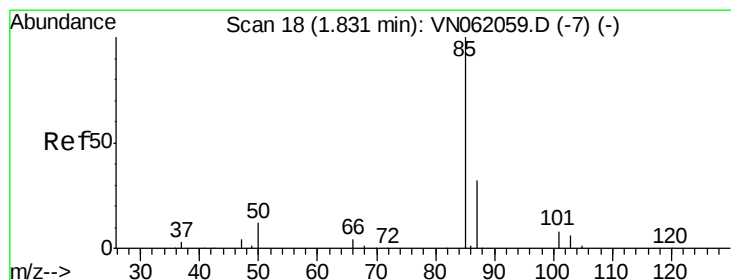
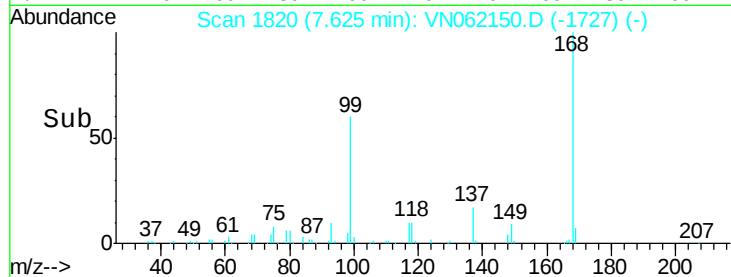
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 13.948 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062150.D

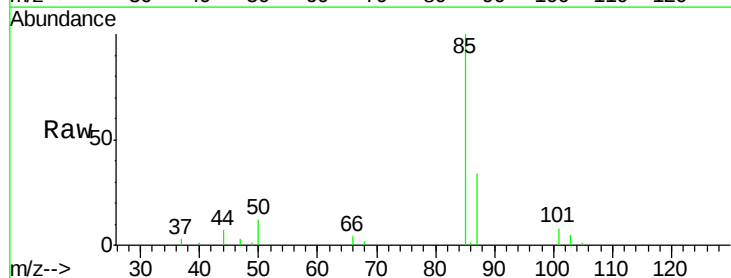
Acq: 26 Jun 2020 19:27

Tgt Ion: 85 Resp: 34307

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

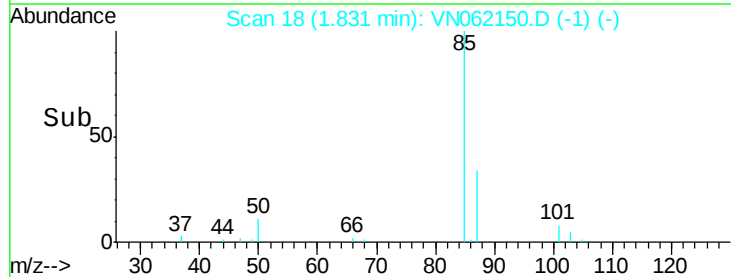
15000

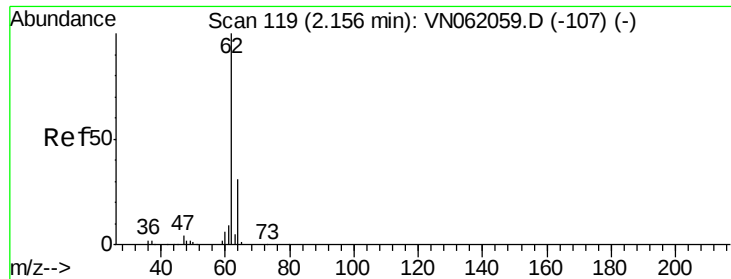
10000

5000

0

Time--> 1.80 1.85 1.90





#4

Vinyl Chloride

Concen: 346.996 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062150.D

Acq: 26 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

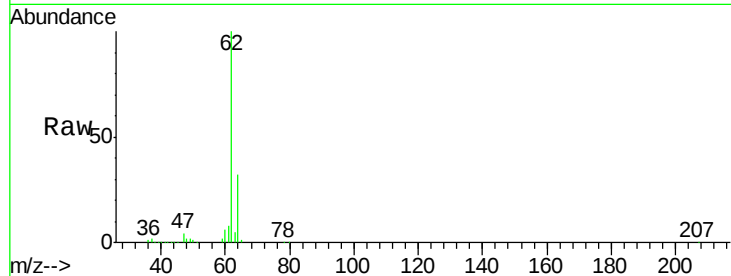
20BR-20200622

Tot Ion: 62 Resp: 1344058

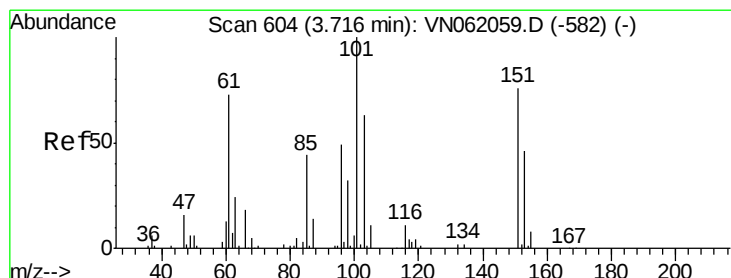
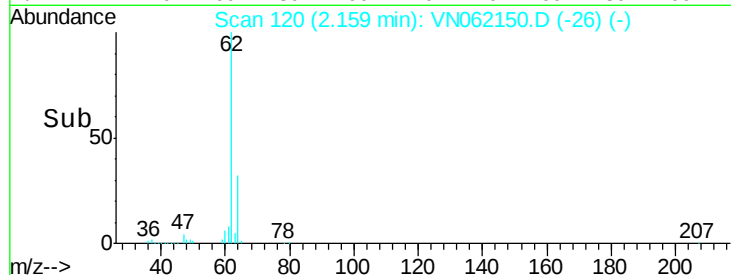
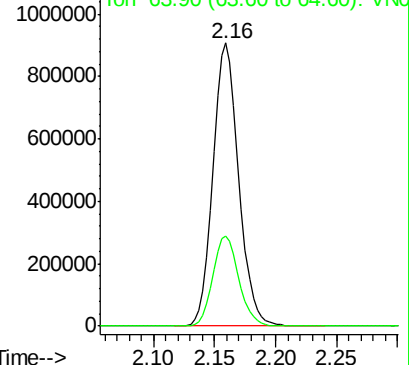
Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062150.D (-26) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.581 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062150.D

Acq: 26 Jun 2020 19:27

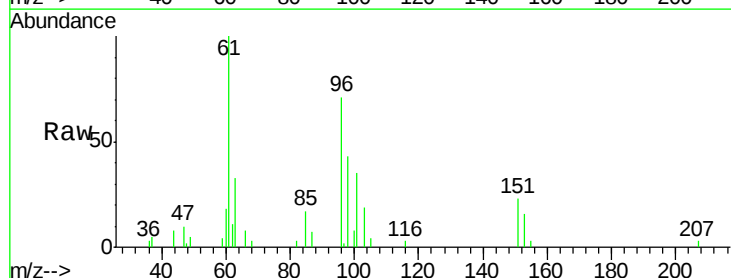
Tgt Ion: 101 Resp: 6452

Ion Ratio Lower Upper

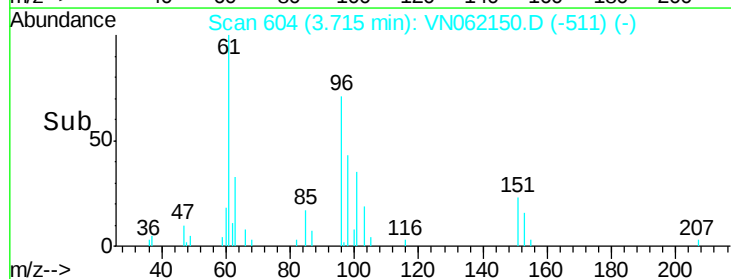
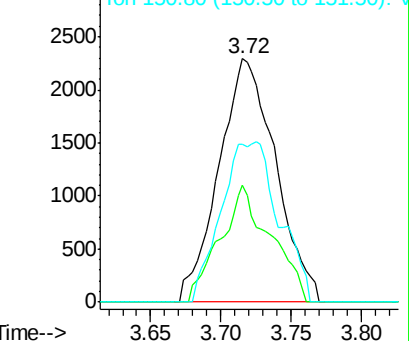
101 100

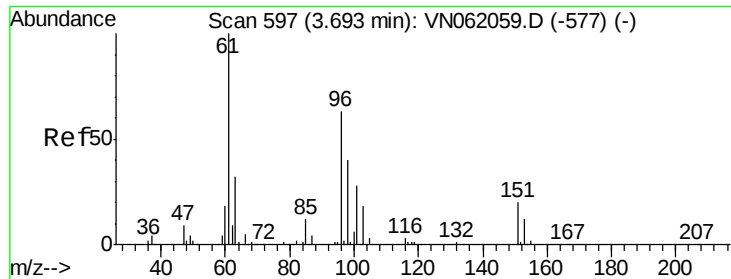
85 42.6 34.5 51.7

151 32.5 57.8 86.8#



Abundance Ion 100.90 (100.60 to 101.60): VN062150.D (-511) (-)

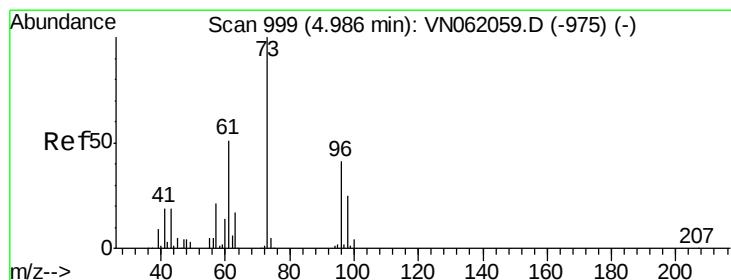
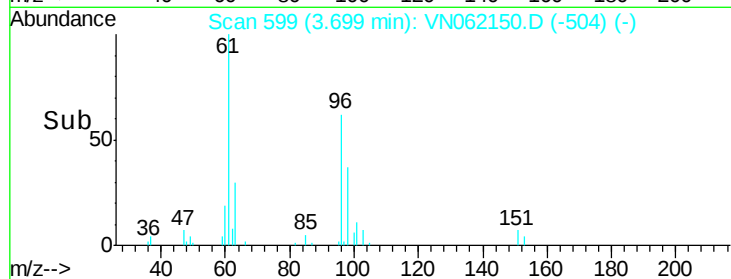
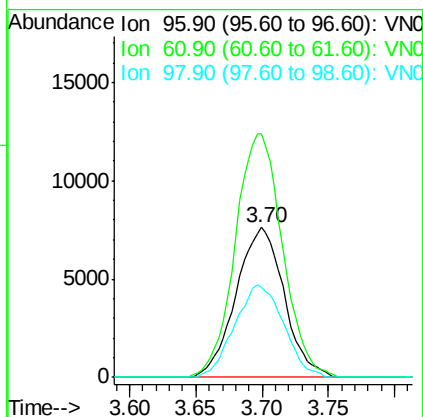
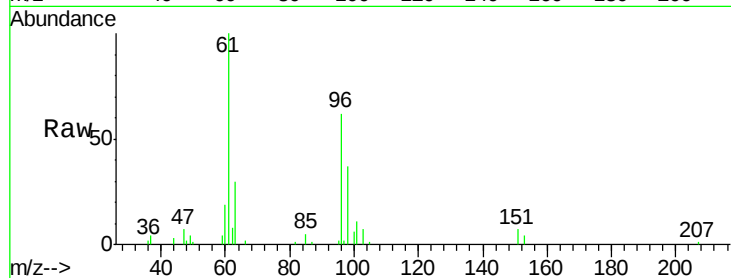




#12
 1,1-Dichloroethene
 Concen: 7.698 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: VN062150.D
 Acq: 26 Jun 2020 19:27

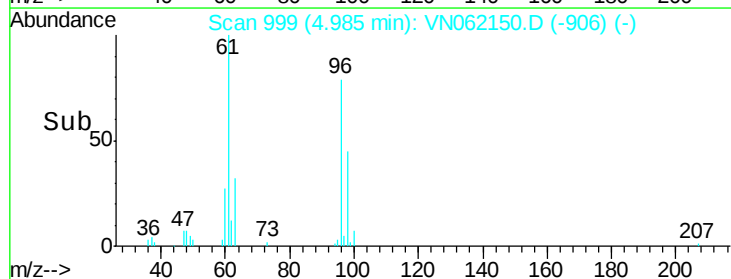
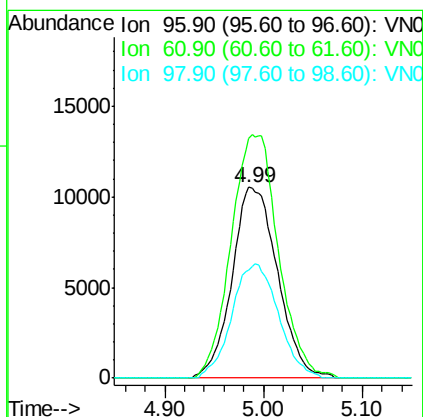
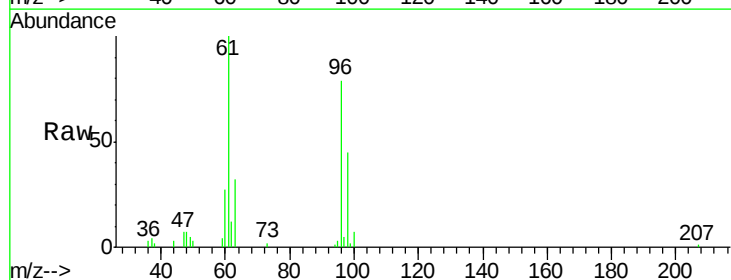
Instrument :
 MSVOA_N
 ClientSampleId :
 20BR-20200622

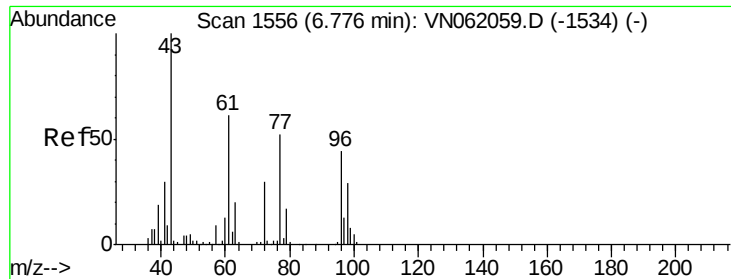
Tot Ion	96	Resp	19234
Ion	Ratio	Lower	Upper
96	100		
61	162.4	126.7	190.1
98	59.9	51.0	76.4



#21
 trans-1,2-Dichloroethene
 Concen: 11.846 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VN062150.D
 Acq: 26 Jun 2020 19:27

Tgt Ion	96	Resp	33718
Ion	Ratio	Lower	Upper
96	100		
61	125.9	101.4	152.2
98	56.7	49.3	73.9





#27

cis-1,2-Dichloroethene

Concen: 2326.611 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062150.D

Acq: 26 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

20BR-20200622

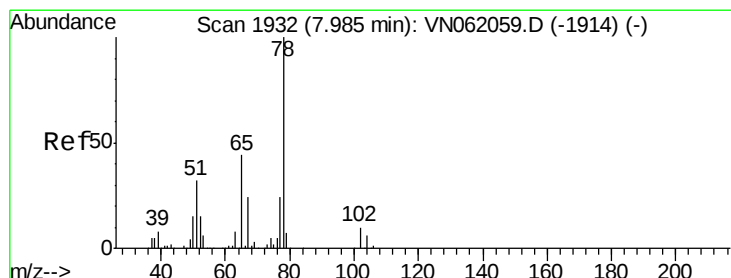
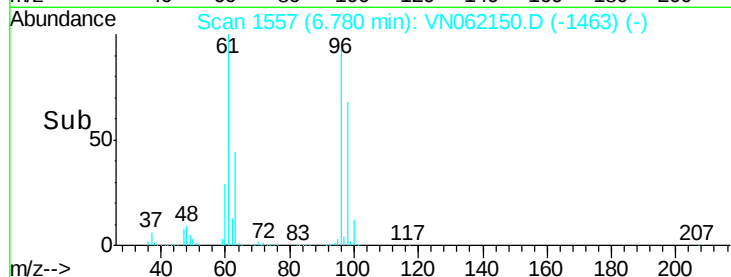
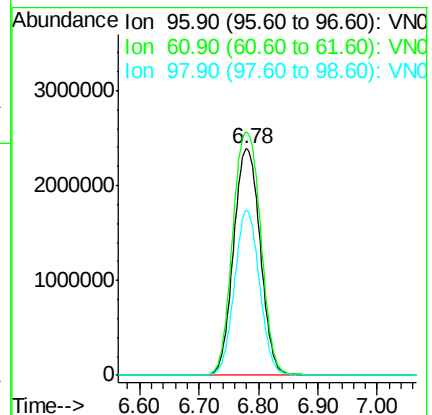
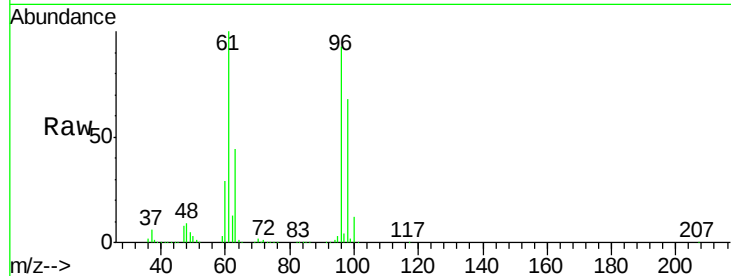
Tot Ion: 96 Resp: 7452030

Ion Ratio Lower Upper

96 100

61 113.2 0.0 280.4

98 68.6 0.0 129.4



#33

1,2-Dichloroethane-d4

Concen: 49.730 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062150.D

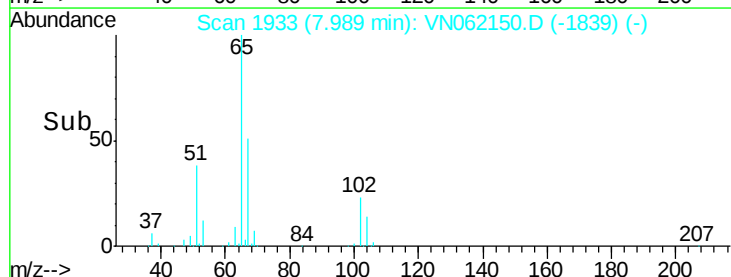
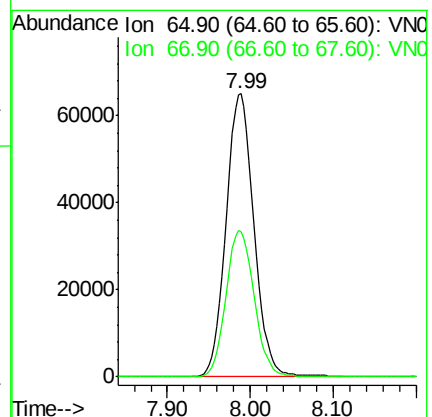
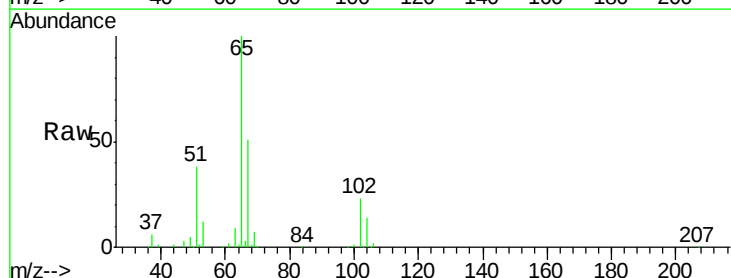
Acq: 26 Jun 2020 19:27

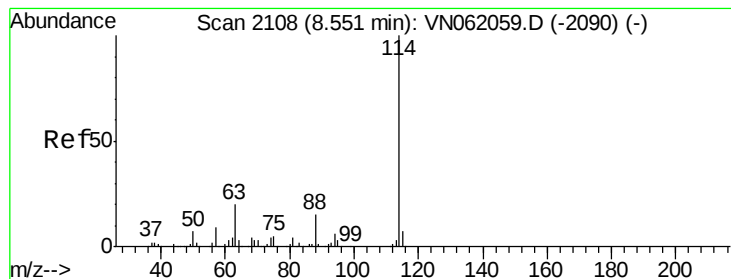
Tgt Ion: 65 Resp: 151860

Ion Ratio Lower Upper

65 100

67 52.1 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: VN062150.D

Acq: 26 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

20BR-20200622

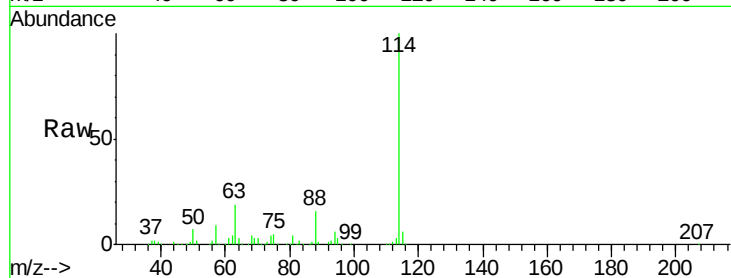
Tot Ion:114 Resp: 402181

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

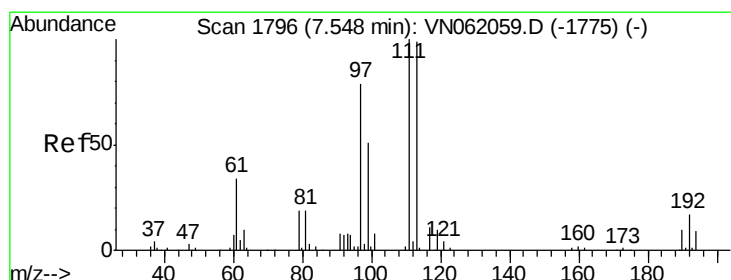
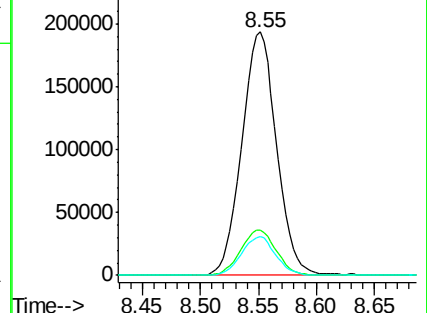
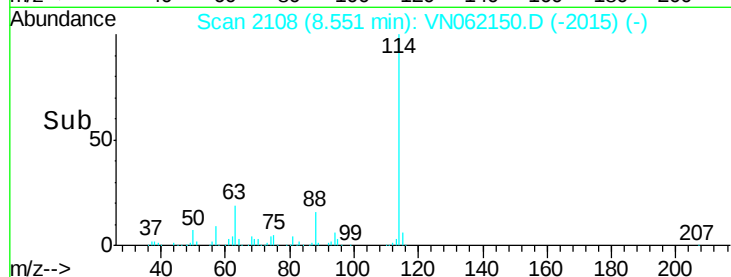
88 16.0 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.946 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062150.D

Acq: 26 Jun 2020 19:27

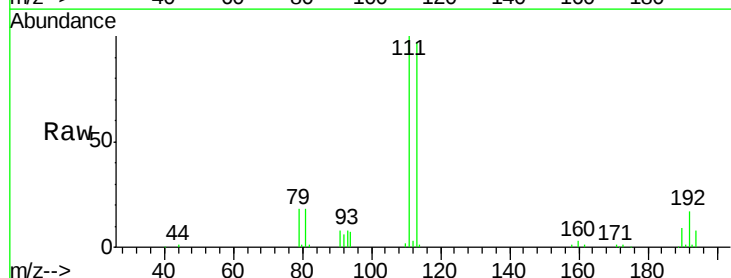
Tgt Ion:113 Resp: 128869

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

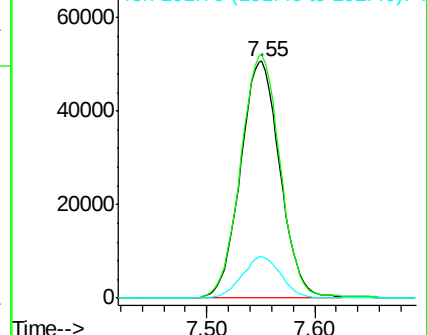
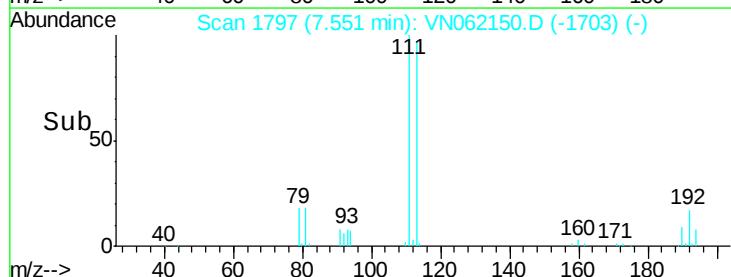
192 17.2 14.0 21.0

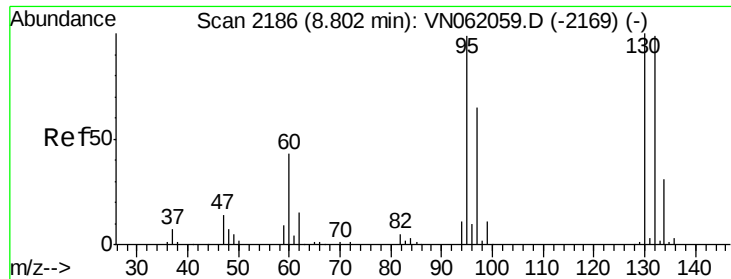


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

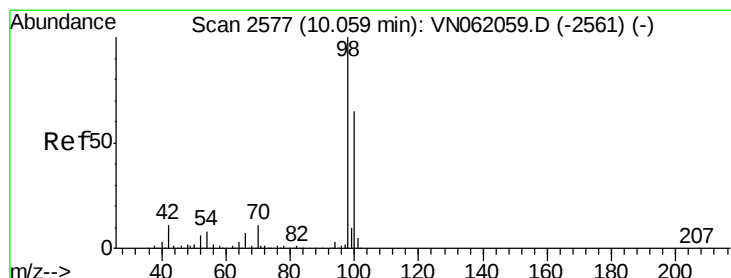
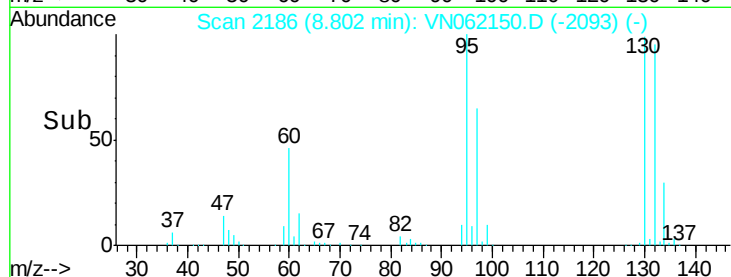
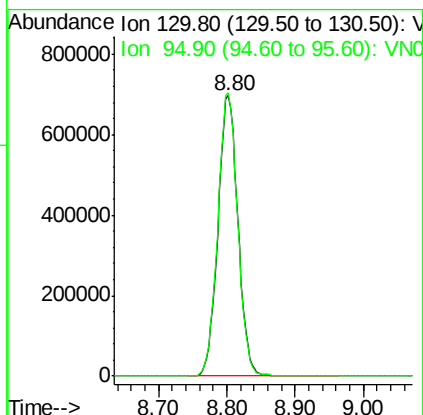
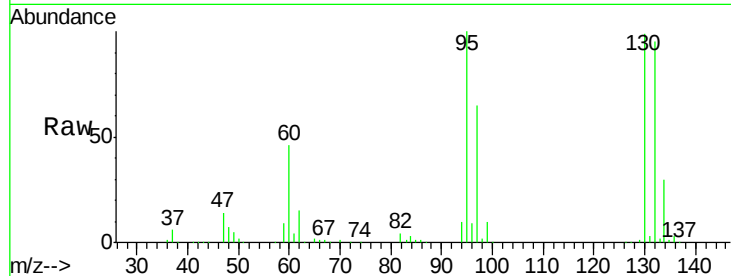




#44
 Trichloroethene
 Concen: 456.447 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062150.D
 Acq: 26 Jun 2020 19:27

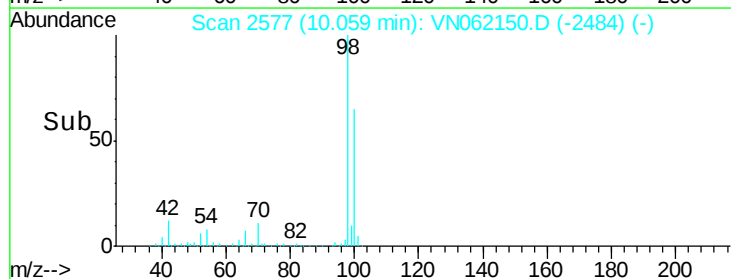
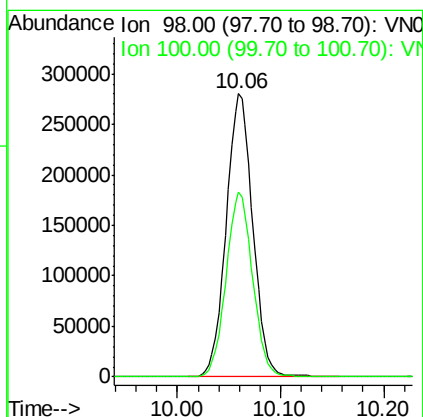
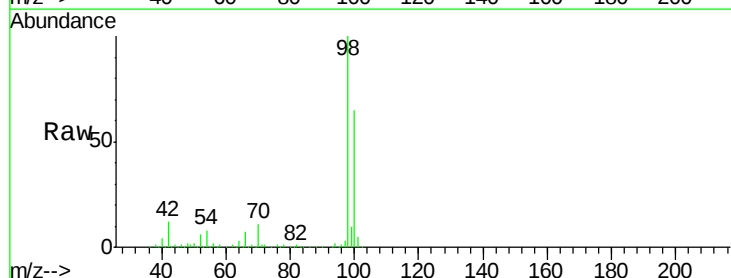
Instrument :
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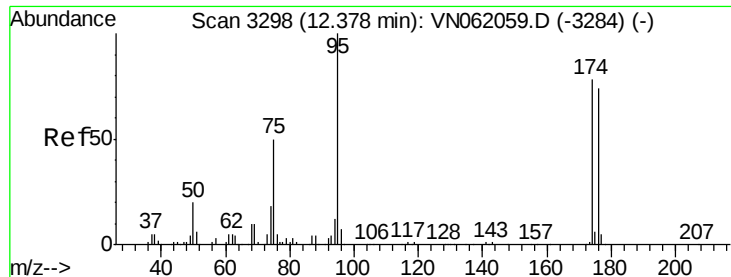
Tot Ion:130 Resp: 1418692
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 197.8



#50
 Toluene-d8
 Concen: 48.900 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062150.D
 Acq: 26 Jun 2020 19:27

Tgt Ion: 98 Resp: 504349
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.2 76.8

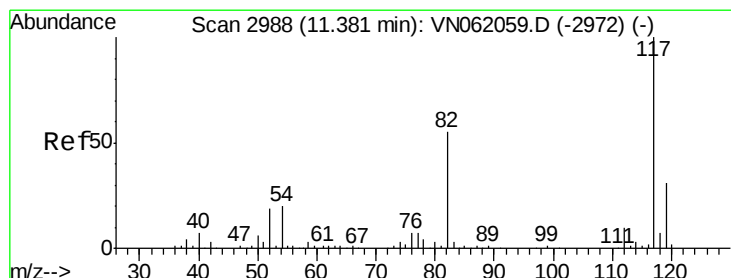
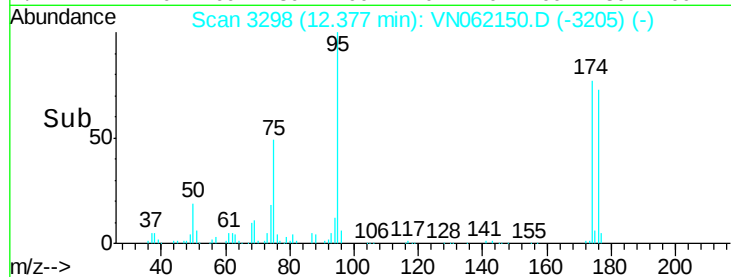
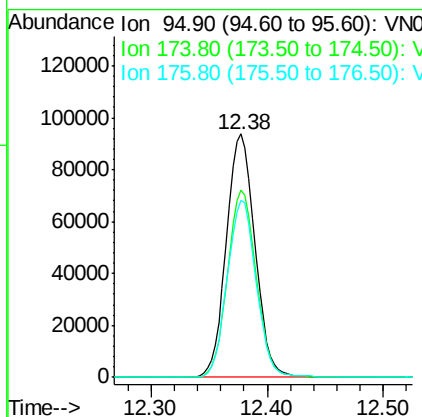
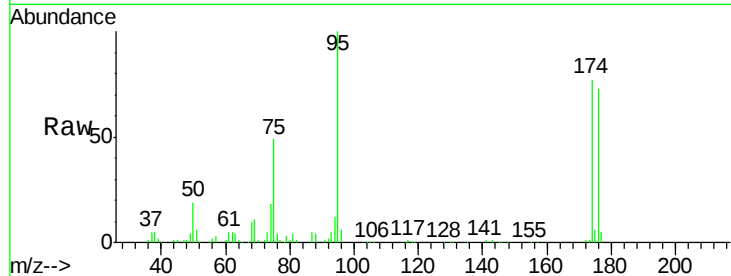




#62
4-Bromofluorobenzene
Concen: 45.955 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062150.D
Acq: 26 Jun 2020 19:27

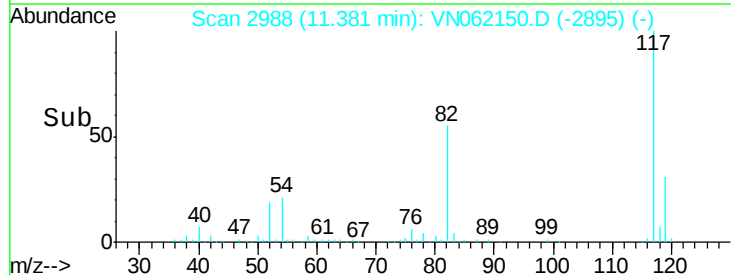
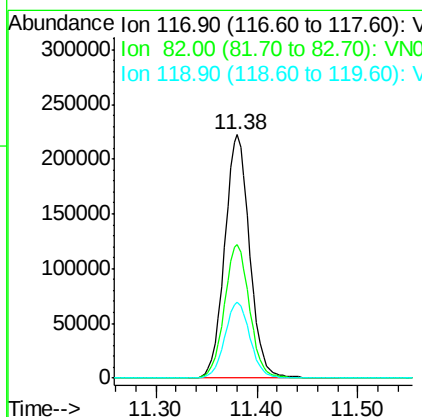
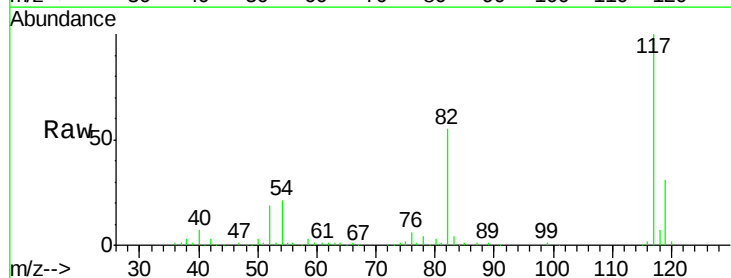
Instrument :
MSVOA_N
ClientSampleId :
20BR-20200622

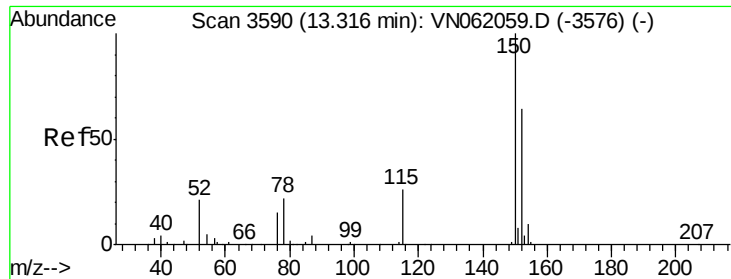
Tot Ion: 95 Resp: 160137
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.8
176 73.3 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062150.D
Acq: 26 Jun 2020 19:27

Tgt Ion: 117 Resp: 383373
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 30.9 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: VN062150.D

Acq: 26 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

20BR-20200622

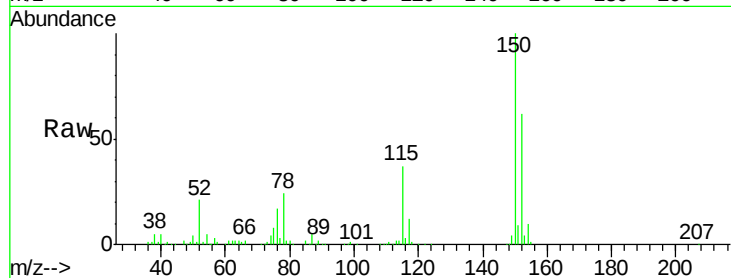
Tot Ion:152 Resp: 137542

Ion Ratio Lower Upper

152 100

115 59.4 29.5 88.5

150 157.8 0.0 351.4



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

