

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062305.D
 Acq On : 1 Jul 2020 20:32
 Operator : JC/MD
 Sample : L3127-10 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20200625

Quant Time: Jul 02 07:48:51 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

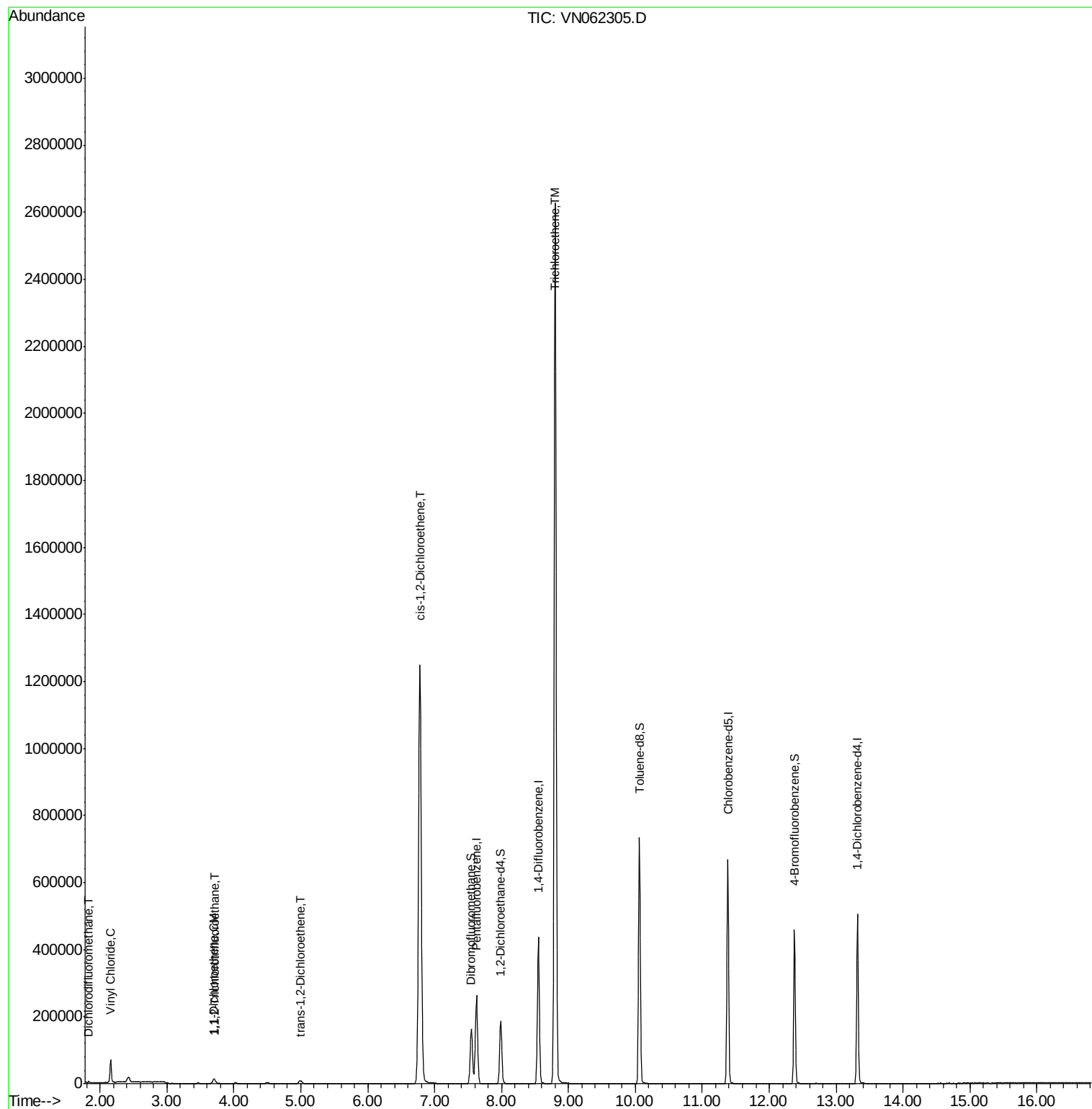
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154979	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
35) Dibromofluoromethane	7.55	113	126310	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.06	98	502315	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.38	95	159158	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	3646	1.609	ug/l	95
4) Vinyl Chloride	2.16	62	59993	16.813	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4332m	1.881	ug/l	
12) 1,1-Dichloroethene	3.69	96	4964	2.157	ug/l	87
21) trans-1,2-Dichloroethene	4.99	96	5748	2.192	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	845508	286.557	ug/l	92
44) Trichloroethene	8.80	130	941772	315.848	ug/l	96

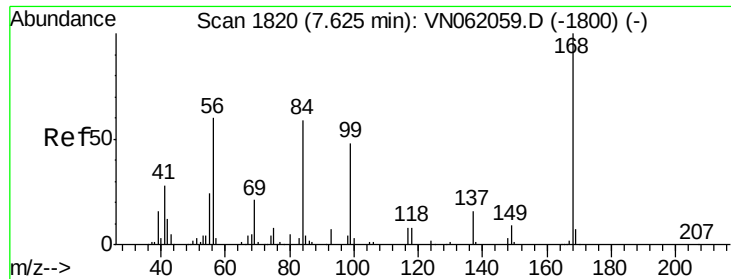
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062305.D

Acq: 1 Jul 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

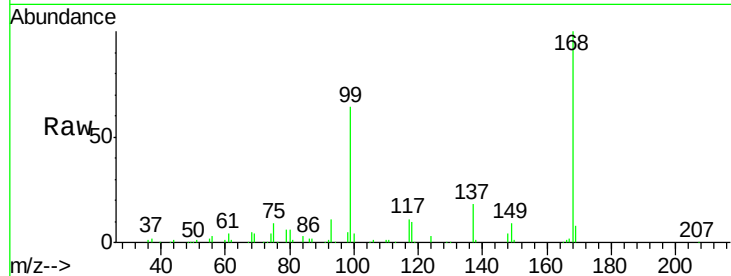
15BR-20200625

Tot Ion:168 Resp: 200457

Ion Ratio Lower Upper

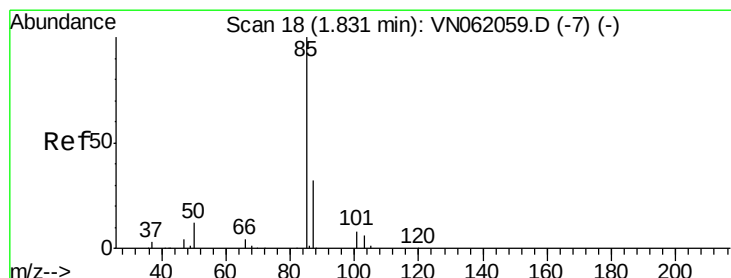
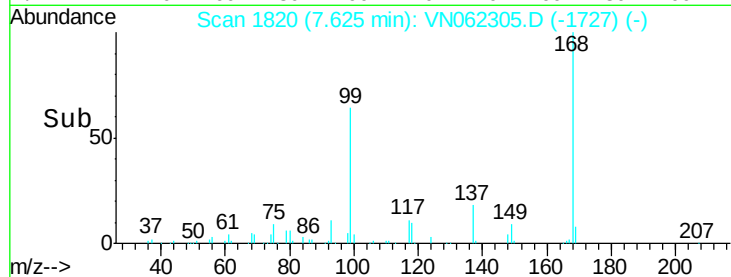
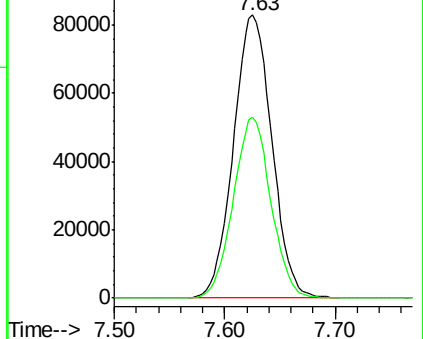
168 100

99 64.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.609 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062305.D

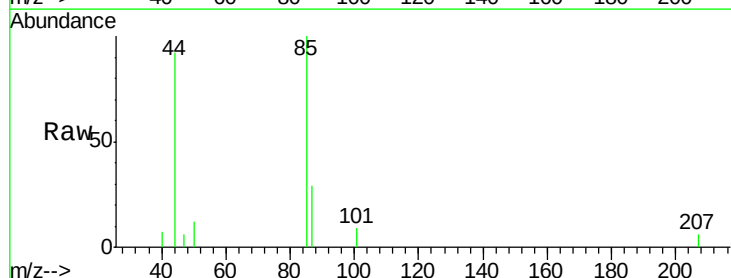
Acq: 1 Jul 2020 20:32

Tgt Ion: 85 Resp: 3646

Ion Ratio Lower Upper

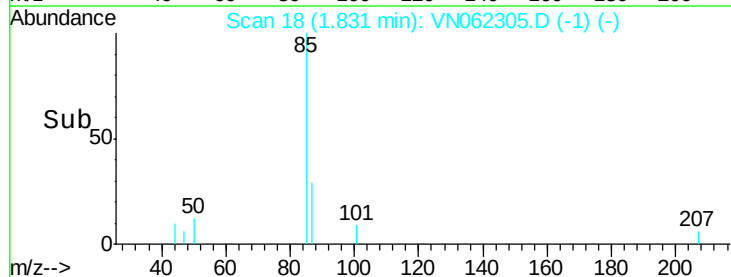
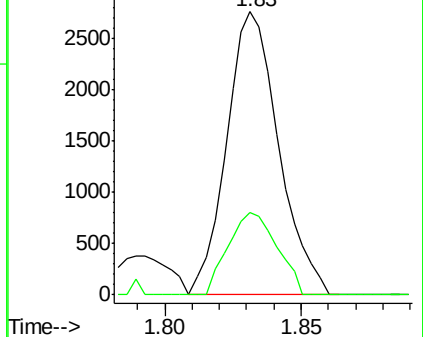
85 100

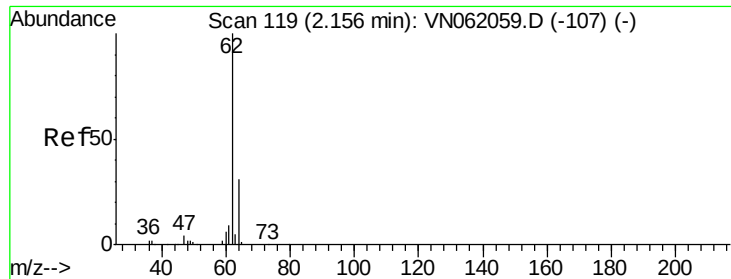
87 29.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#4

Vinyl Chloride

Concen: 16.813 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062305.D

Acq: 1 Jul 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

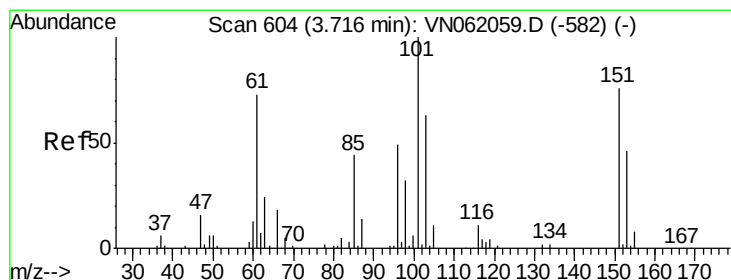
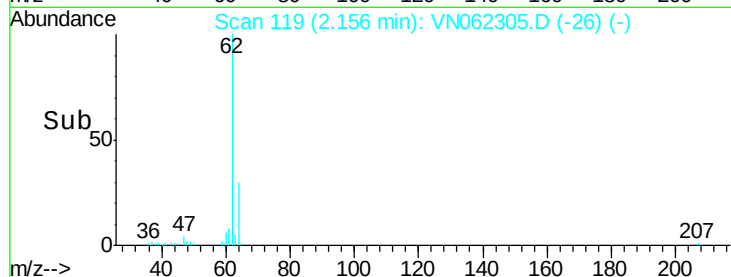
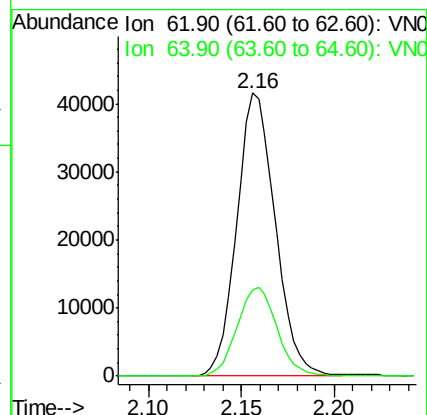
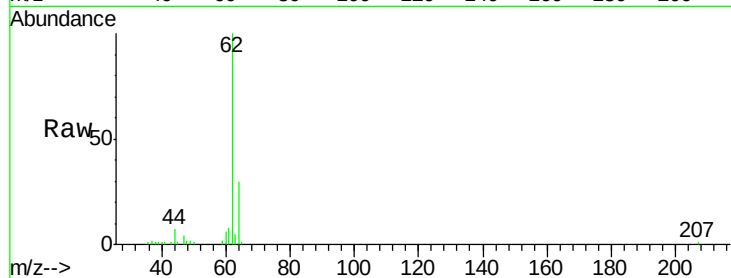
15BR-20200625

Tot Ion: 62 Resp: 59993

Ion Ratio Lower Upper

62 100

64 30.4 25.1 37.7



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.881 ug/l m

RT: 3.73 min Scan# 608

Delta R.T. 0.01 min

Lab File: VN062305.D

Acq: 1 Jul 2020 20:32

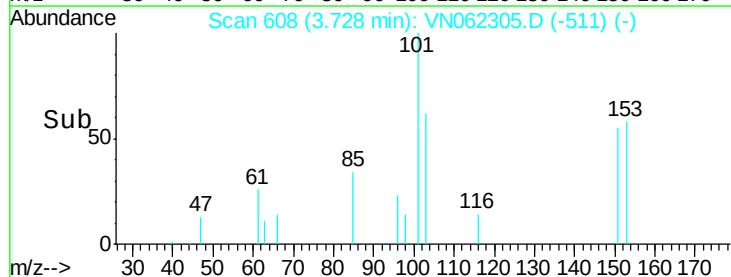
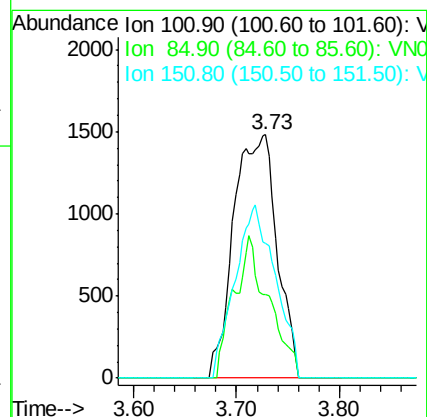
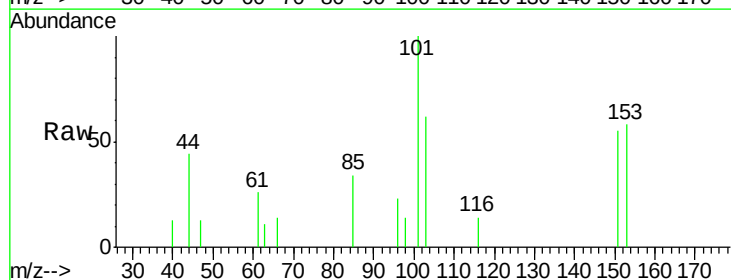
Tgt Ion: 101 Resp: 4332

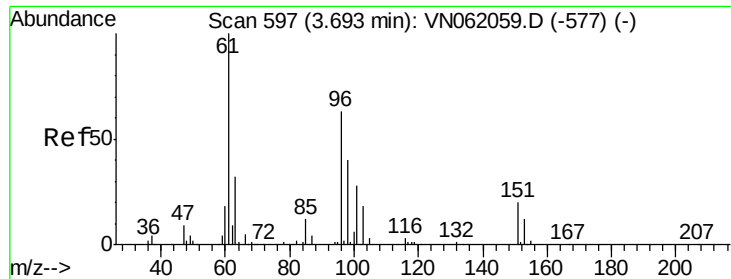
Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

151 0.0 57.8 86.8#

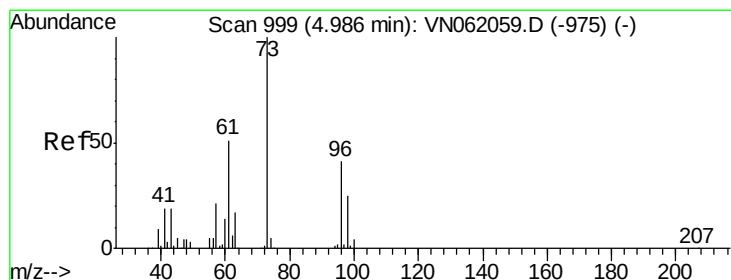
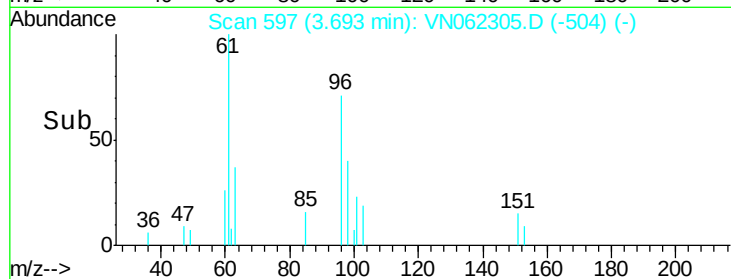
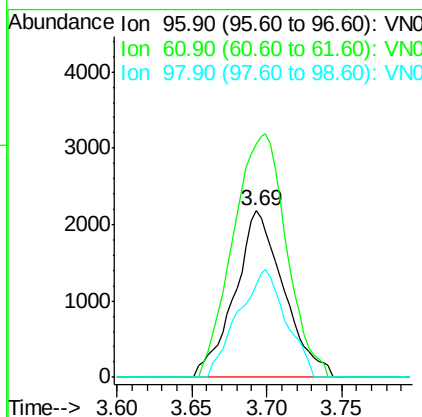
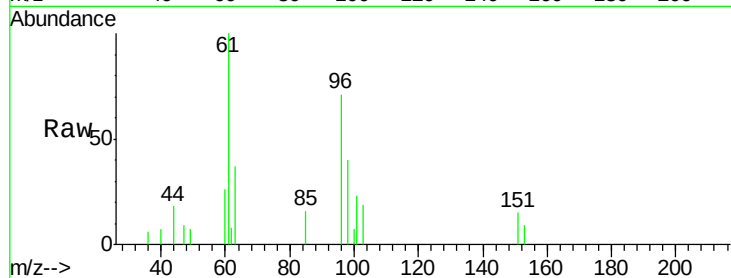




#12
 1,1-Dichloroethene
 Concen: 2.157 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062305.D
 Acq: 1 Jul 2020 20:32

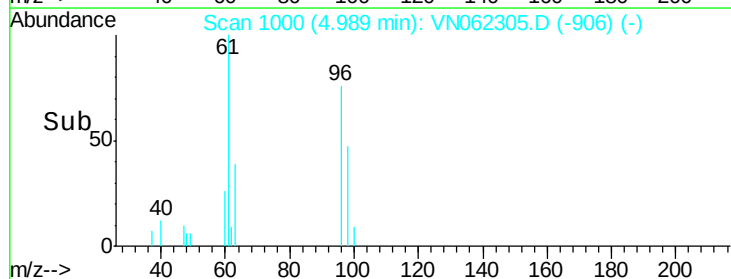
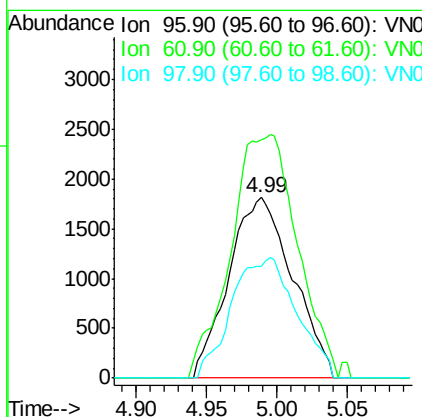
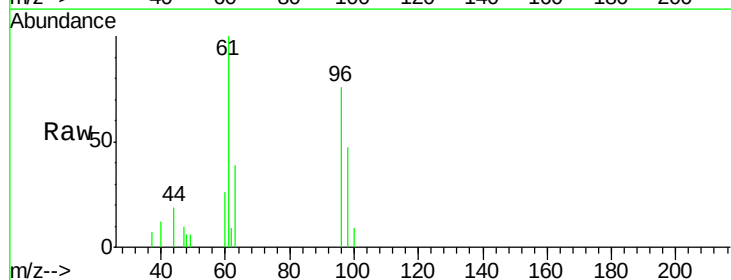
Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20200625

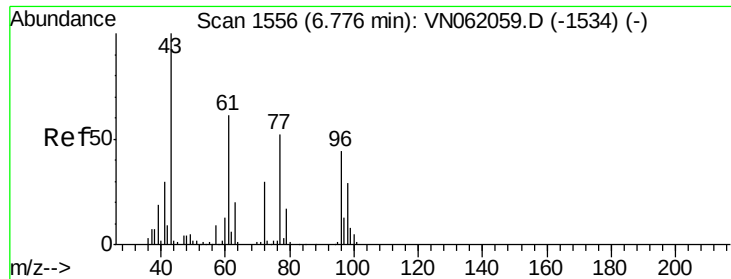
Tot Ion: 96 Resp: 4964
 Ion Ratio Lower Upper
 96 100
 61 140.0 126.7 190.1
 98 55.5 51.0 76.4



#21
 trans-1,2-Dichloroethene
 Concen: 2.192 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN062305.D
 Acq: 1 Jul 2020 20:32

Tgt Ion: 96 Resp: 5748
 Ion Ratio Lower Upper
 96 100
 61 131.8 101.4 152.2
 98 62.1 49.3 73.9





#27

cis-1,2-Dichloroethene

Concen: 286.557 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062305.D

Acq: 1 Jul 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

15BR-20200625

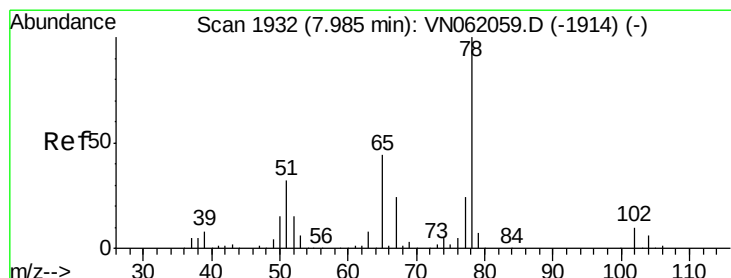
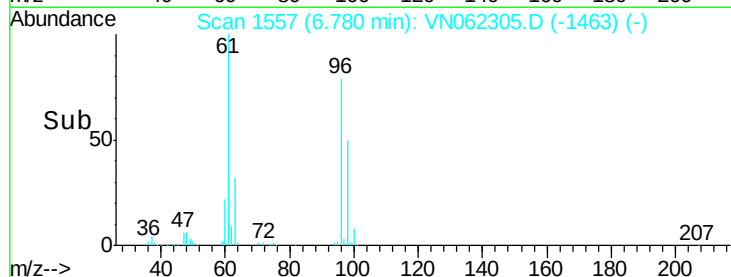
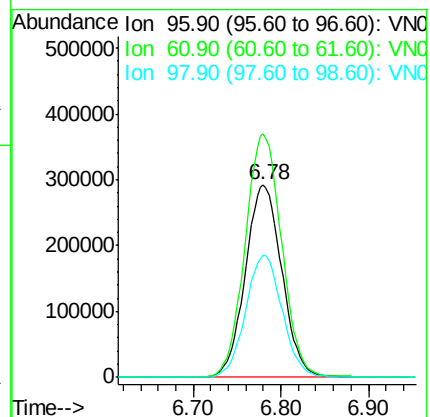
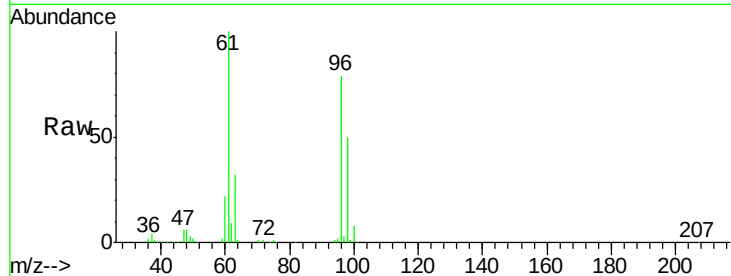
Tot Ion: 96 Resp: 845508

Ion Ratio Lower Upper

96 100

61 127.0 0.0 280.4

98 63.5 0.0 129.4



#33

1,2-Dichloroethane-d4

Concen: 55.092 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062305.D

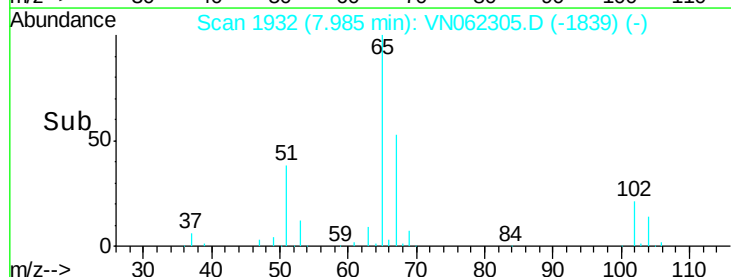
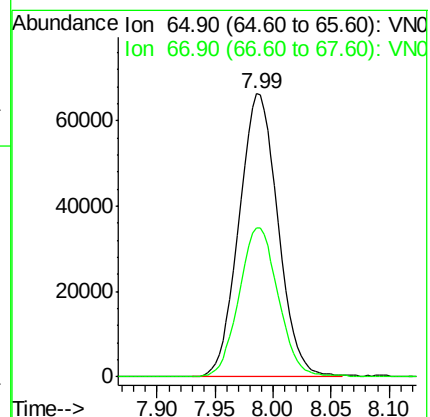
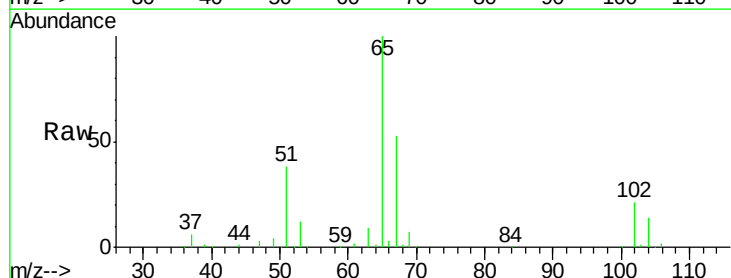
Acq: 1 Jul 2020 20:32

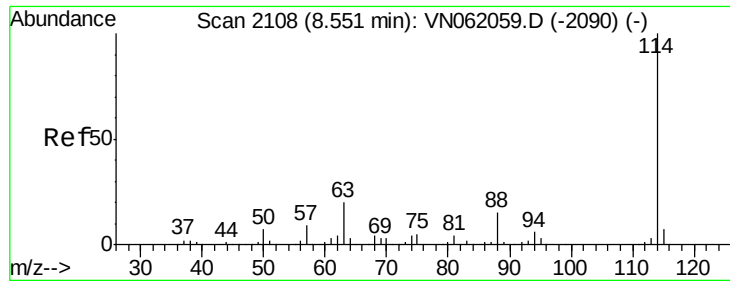
Tgt Ion: 65 Resp: 154979

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2

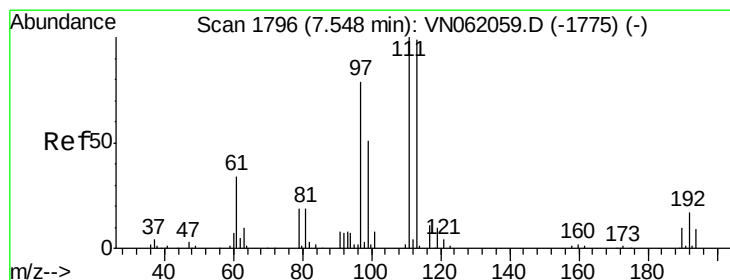
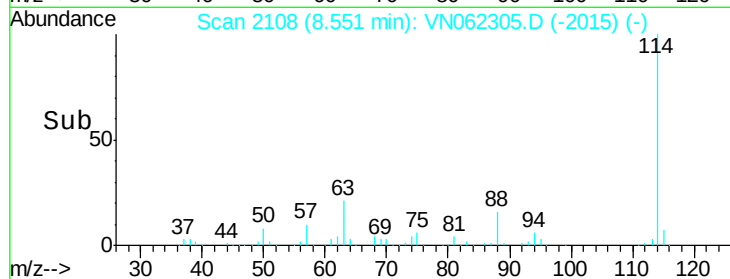
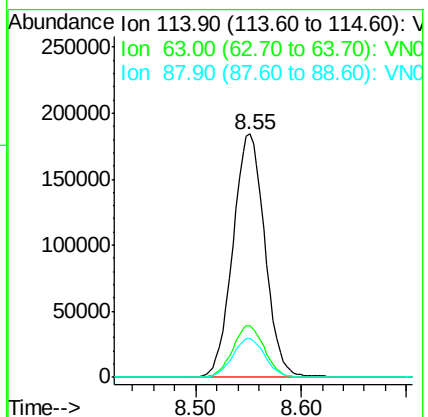
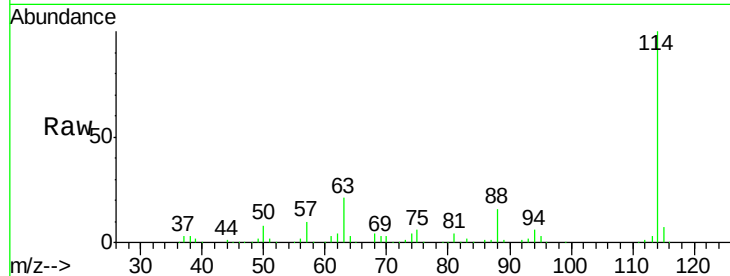




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062305.D
 Acq: 1 Jul 2020 20:32

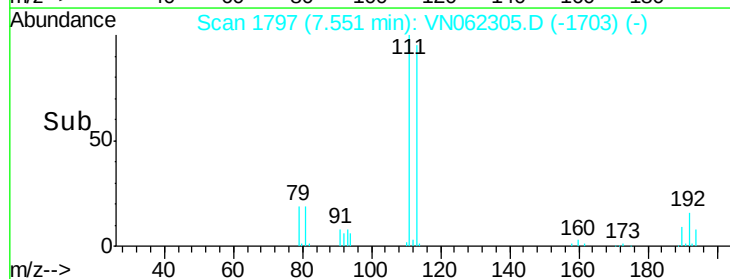
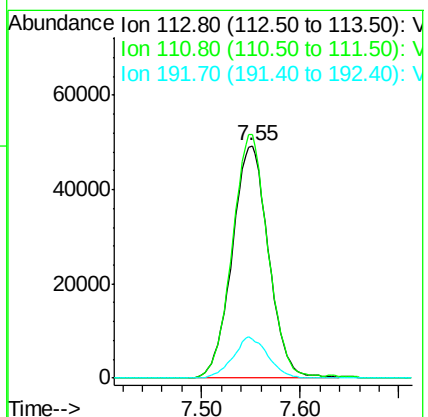
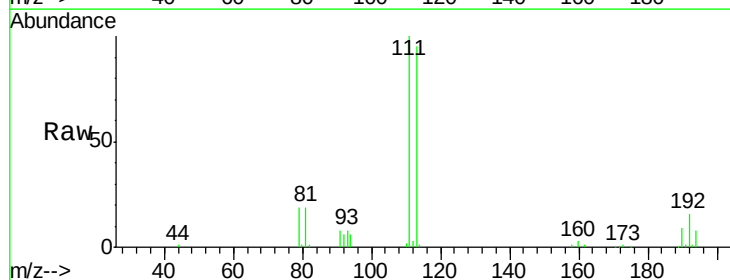
Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20200625

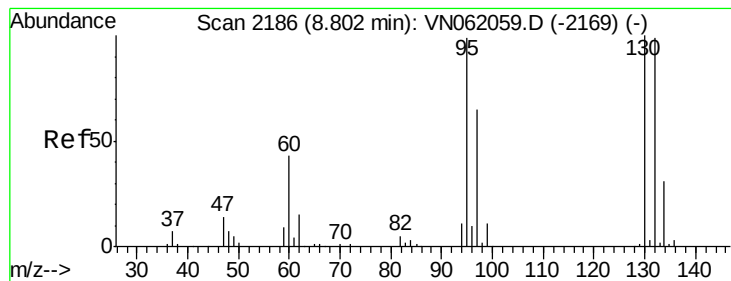
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.2
88	16.0	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 51.029 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062305.D
 Acq: 1 Jul 2020 20:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	16.7	14.0	21.0





#44

Trichloroethene

Concen: 315.848 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062305.D

Acq: 1 Jul 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

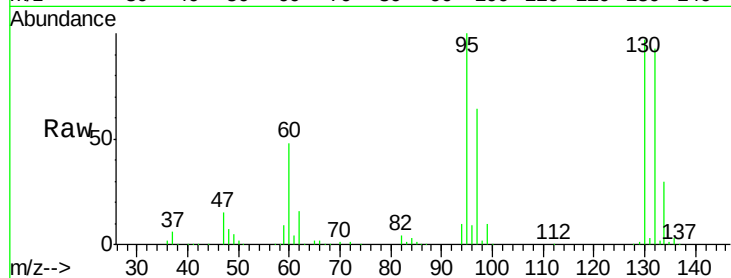
15BR-20200625

Tot Ion:130 Resp: 941772

Ion Ratio Lower Upper

130 100

95 102.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

500000

400000

300000

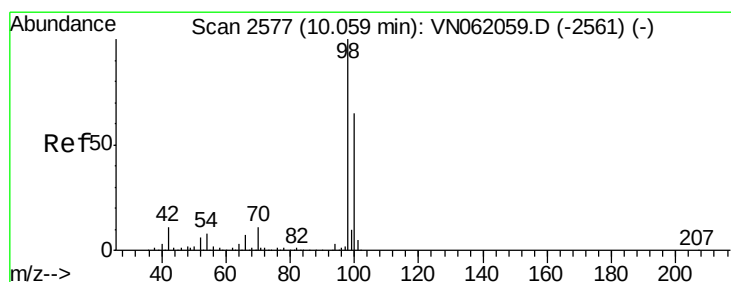
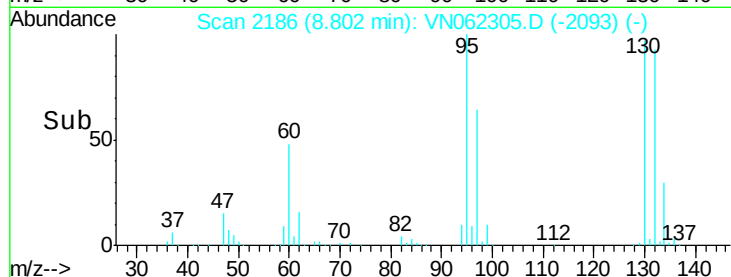
200000

100000

0

8.70 8.80 8.90

Time-->



#50

Toluene-d8

Concen: 50.767 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062305.D

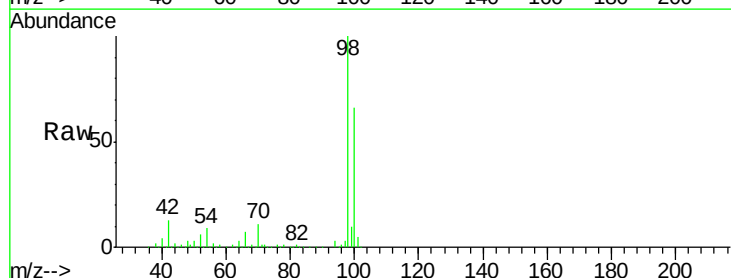
Acq: 1 Jul 2020 20:32

Tgt Ion: 98 Resp: 502315

Ion Ratio Lower Upper

98 100

100 65.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

250000

200000

150000

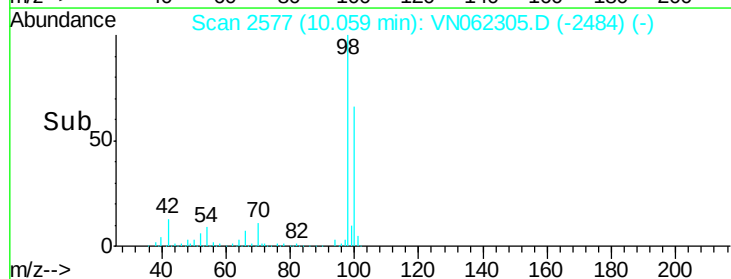
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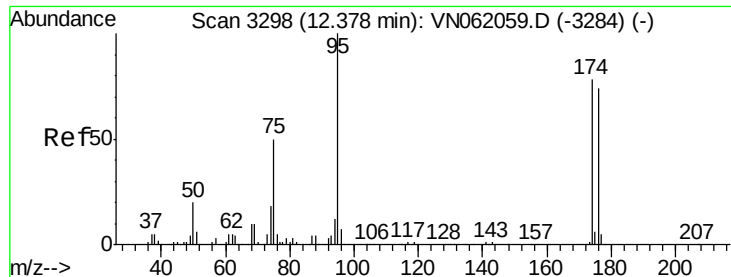
50000

0

10.00 10.10

Time-->

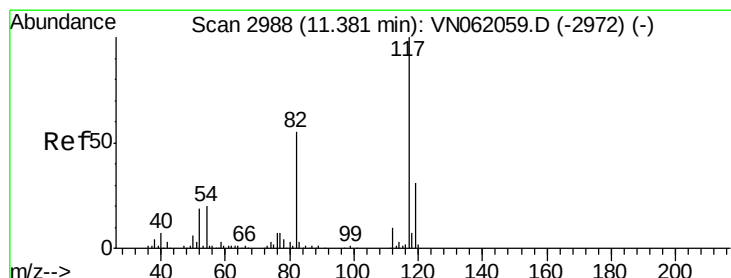
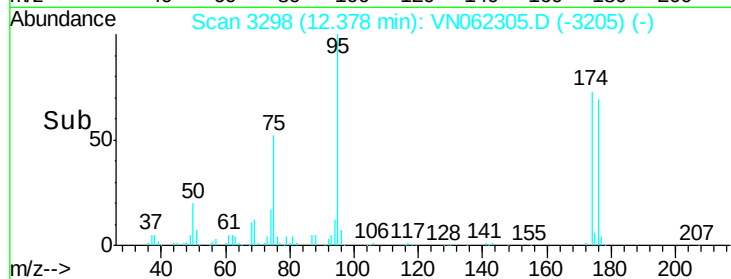
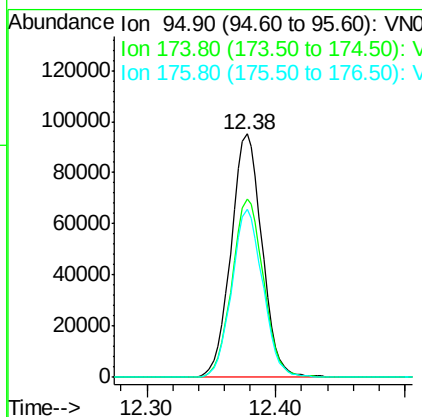
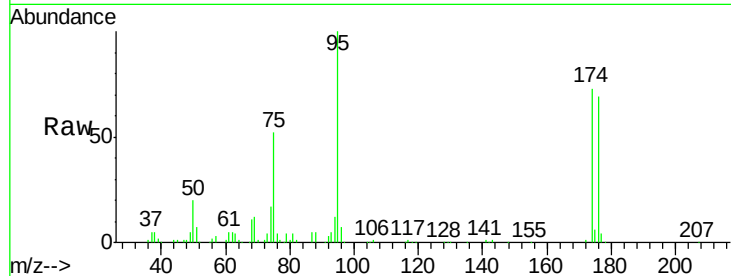




#62
4-Bromofluorobenzene
Concen: 47.611 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062305.D
Acq: 1 Jul 2020 20:32

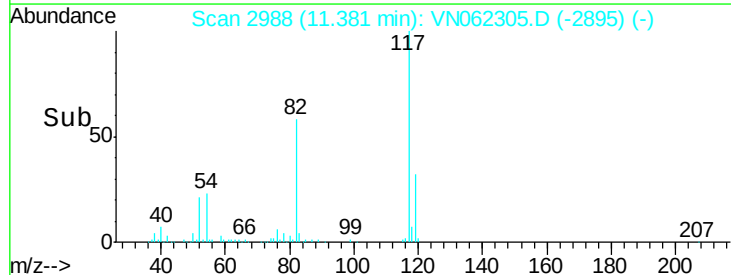
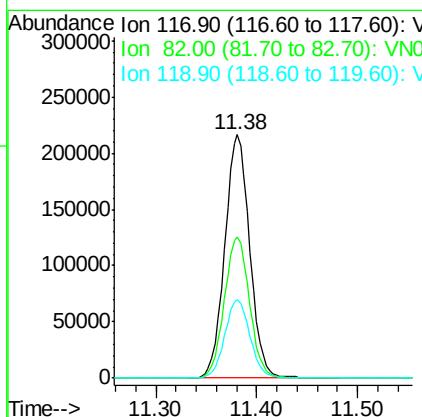
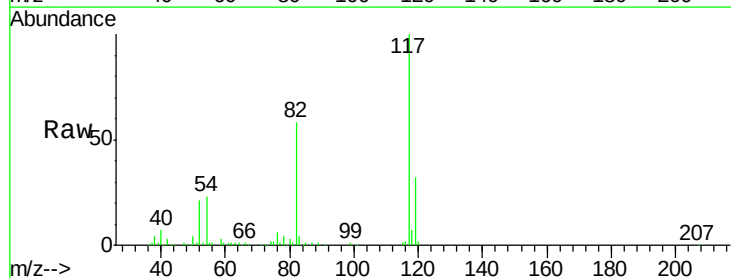
Instrument :
MSVOA_N
ClientSampleId :
15BR-20200625

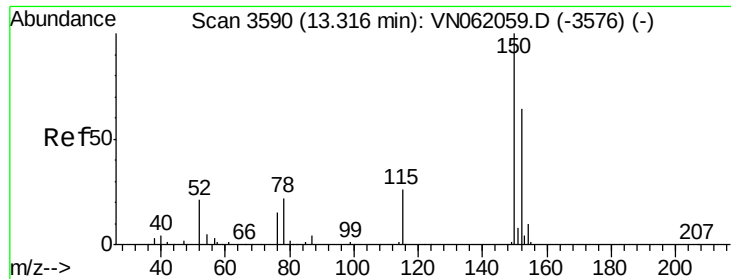
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	154.8
176	69.1	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062305.D
Acq: 1 Jul 2020 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.8	65.8
119	32.4	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: VN062305.D

Acq: 1 Jul 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

15BR-20200625

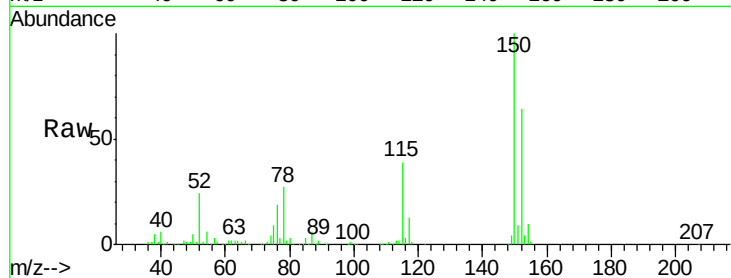
Tot Ion:152 Resp: 129961

Ion Ratio Lower Upper

152 100

115 60.6 29.5 88.5

150 159.3 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

