

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062192.D
 Acq On : 29 Jun 2020 16:54
 Operator : JC/MD
 Sample : L3127-11DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 04BR-20200625DL

Quant Time: Jun 30 05:13:46 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

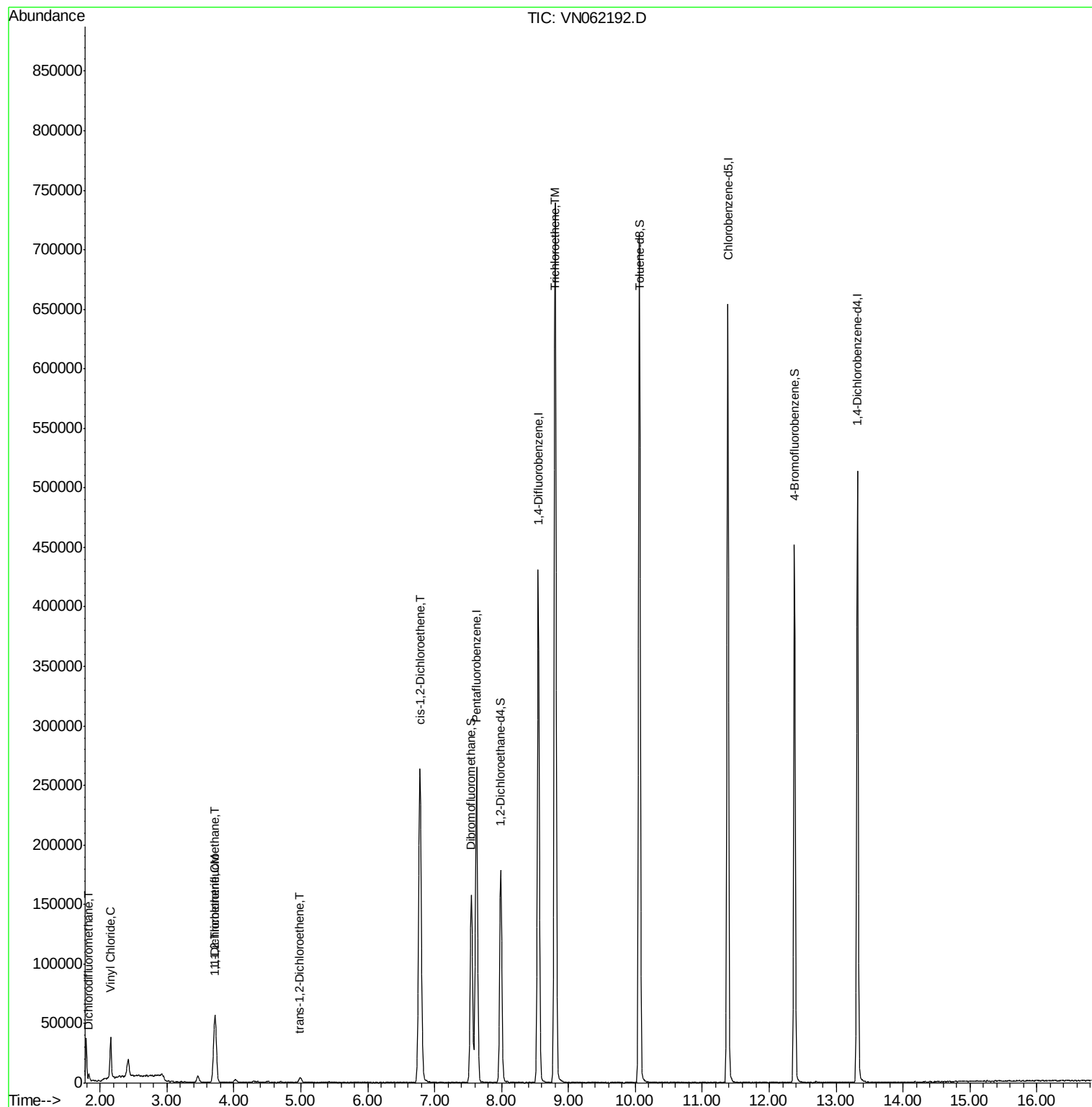
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	150656	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.55	113	124634	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.06	98	493622	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.38	95	159729	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	4362	1.865	ug/l	96
4) Vinyl Chloride	2.16	62	29004	7.875	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36476	15.348	ug/l	97
12) 1,1-Dichloroethene	3.70	96	2496	1.051	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	2582	0.954	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	176459	57.940	ug/l	91
44) Trichloroethene	8.80	130	273048	90.806	ug/l	99

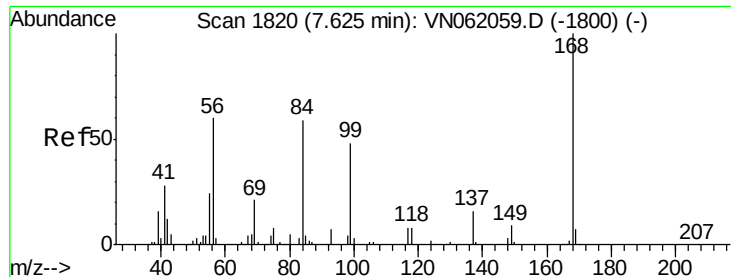
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062192\
Data File : VN062192.D
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Quant Time: Jun 30 05:13:46 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: VN062192.D

Acq: 29 Jun 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

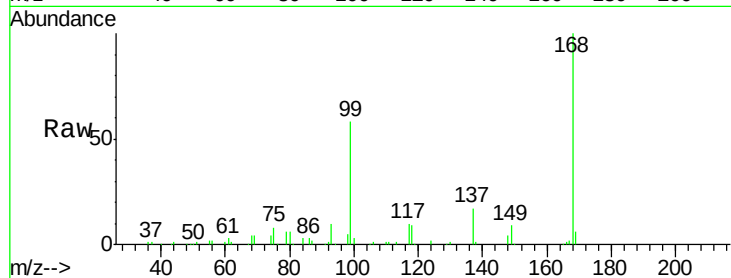
04BR-20200625DL

Tot Ion:168 Resp: 206908

Ion Ratio Lower Upper

168 100

99 58.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

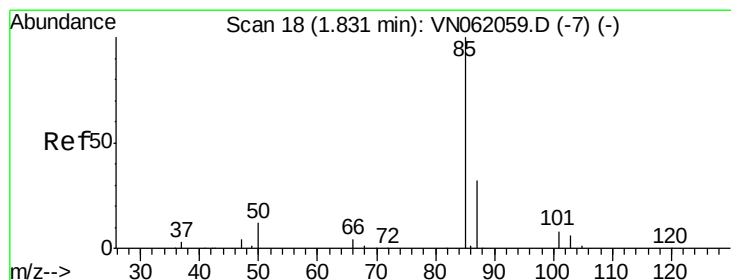
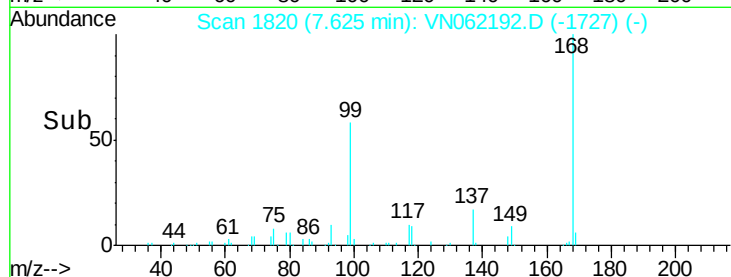
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.865 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062192.D

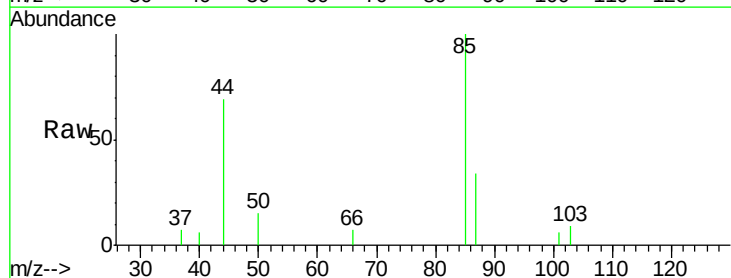
Acq: 29 Jun 2020 16:54

Tgt Ion: 85 Resp: 4362

Ion Ratio Lower Upper

85 100

87 34.1 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

4000

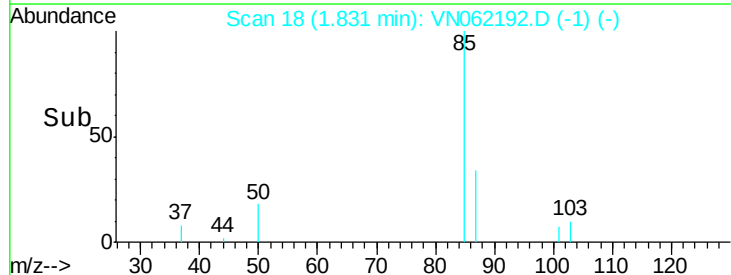
3000

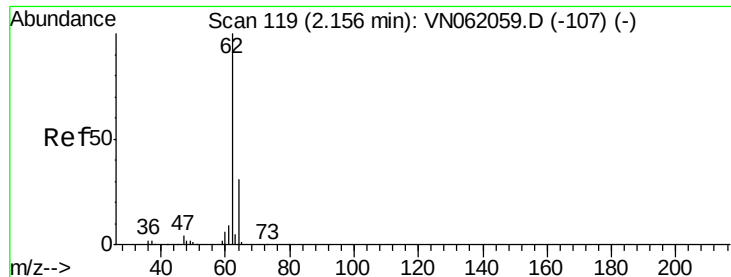
2000

1000

0

Time--> 1.80 1.82 1.84 1.86 1.88





#4

Vinyl Chloride

Concen: 7.875 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062192.D

Acq: 29 Jun 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

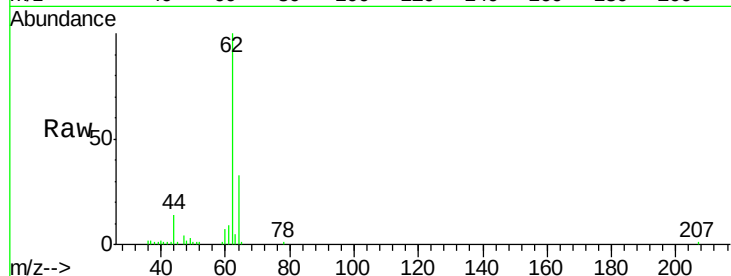
04BR-20200625DL

Tot Ion: 62 Resp: 29004

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062192.D (-126) (-)

Ion 63.90 (63.60 to 64.60): VN062192.D (-126) (-)

2.16

20000

15000

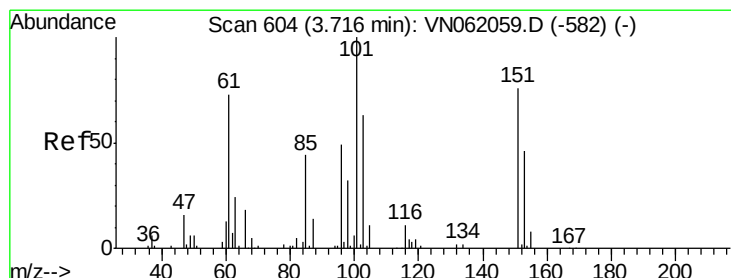
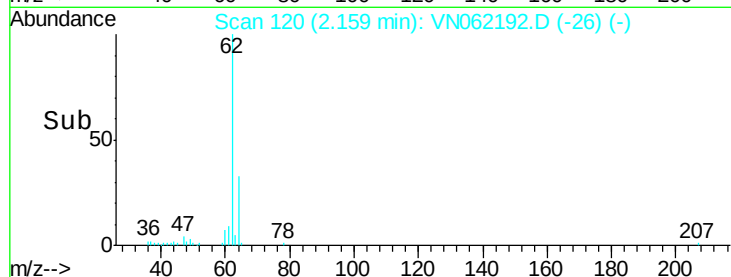
10000

5000

0

Time-->

2.10 2.15 2.20



#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.348 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062192.D

Acq: 29 Jun 2020 16:54

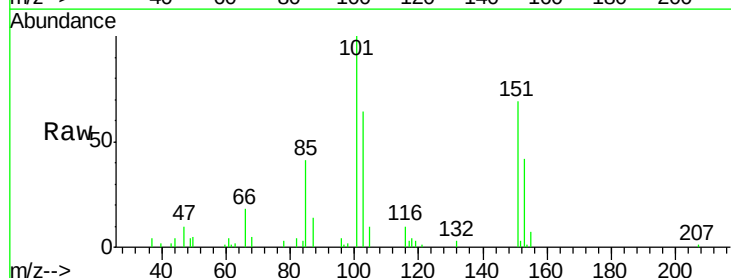
Tgt Ion: 101 Resp: 36476

Ion Ratio Lower Upper

101 100

85 42.1 34.5 51.7

151 69.2 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): VN062192.D (-511) (-)

Ion 84.90 (84.60 to 85.60): VN062192.D (-511) (-)

Ion 150.80 (150.50 to 151.50): VN062192.D (-511) (-)

3.72

15000

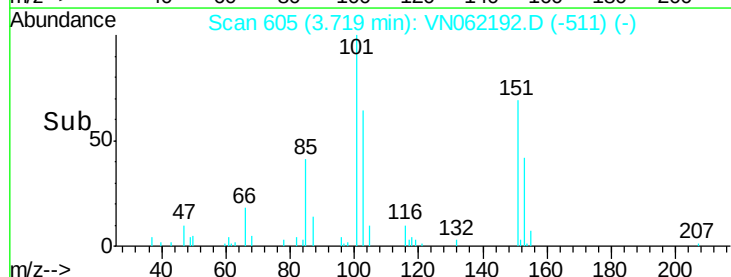
10000

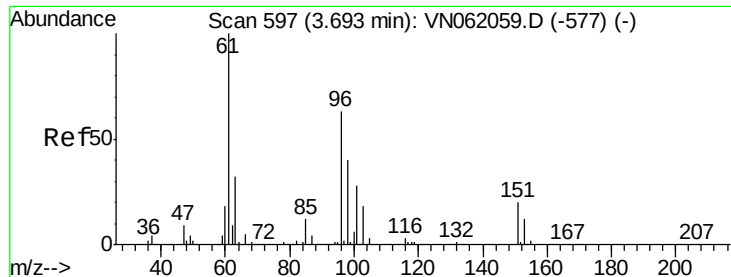
5000

0

Time-->

3.60 3.65 3.70 3.75 3.80

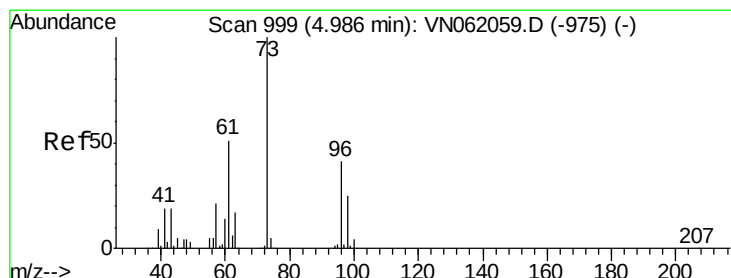
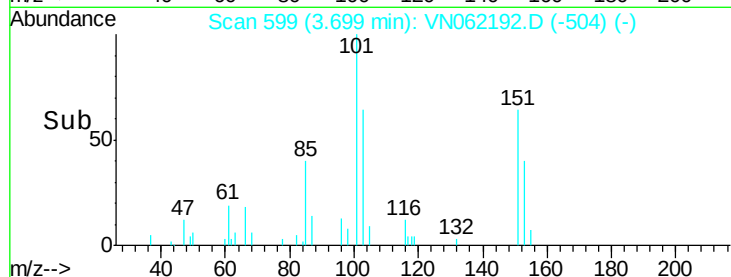
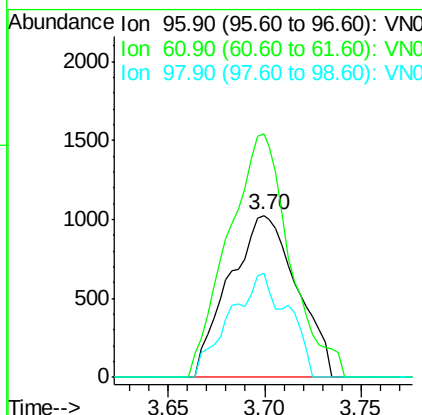
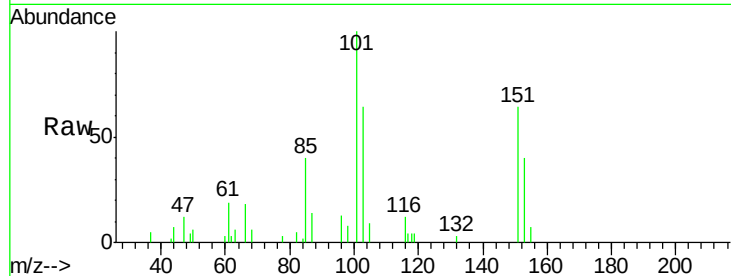




#12
 1,1-Dichloroethene
 Concen: 1.051 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: VN062192.D
 Acq: 29 Jun 2020 16:54

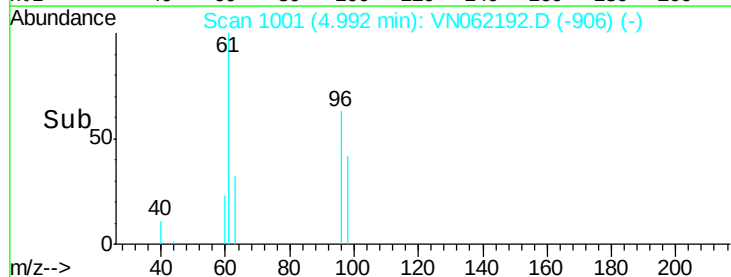
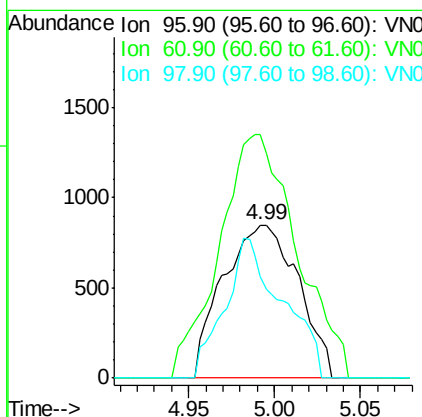
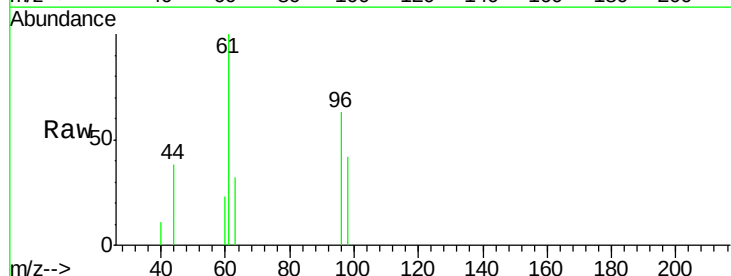
Instrument :
 MSVOA_N
 ClientSampleId :
 04BR-20200625DL

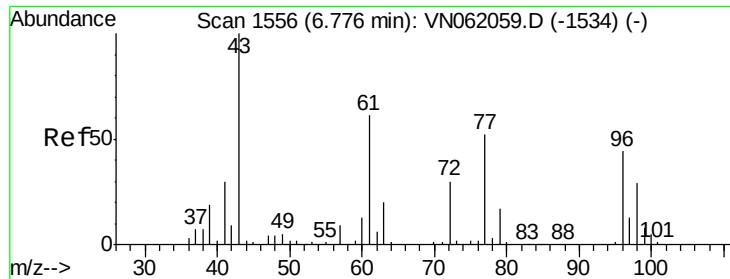
Tot Ion: 96 Resp: 2496
 Ion Ratio Lower Upper
 96 100
 61 150.3 126.7 190.1
 98 64.4 51.0 76.4



#21
 trans-1,2-Dichloroethene
 Concen: 0.954 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN062192.D
 Acq: 29 Jun 2020 16:54

Tgt Ion: 96 Resp: 2582
 Ion Ratio Lower Upper
 96 100
 61 132.0 101.4 152.2
 98 66.7 49.3 73.9





#27

cis-1,2-Dichloroethene

Concen: 57.940 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062192.D

Acq: 29 Jun 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

04BR-20200625DL

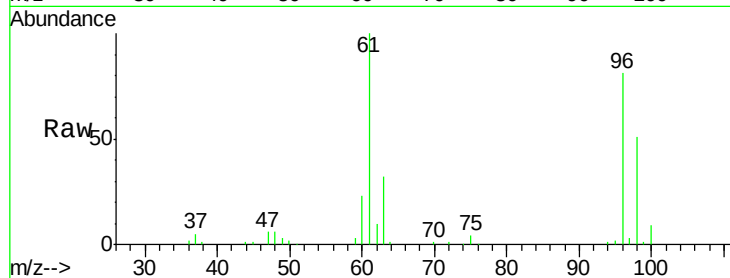
Tot Ion: 96 Resp: 176459

Ion Ratio Lower Upper

96 100

61 125.2 0.0 280.4

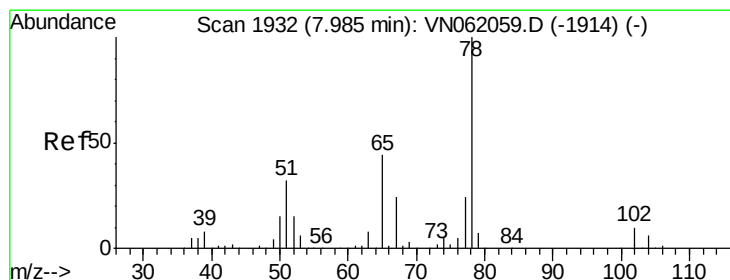
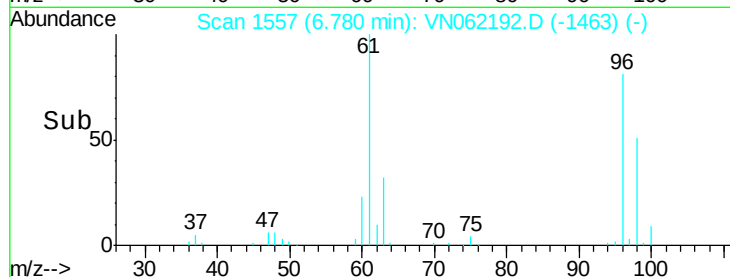
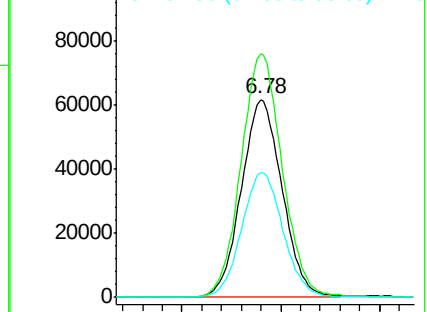
98 64.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062192.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062192.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062192.D (-1463) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.886 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062192.D

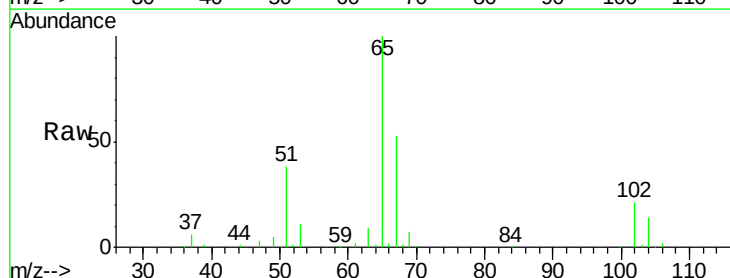
Acq: 29 Jun 2020 16:54

Tgt Ion: 65 Resp: 150656

Ion Ratio Lower Upper

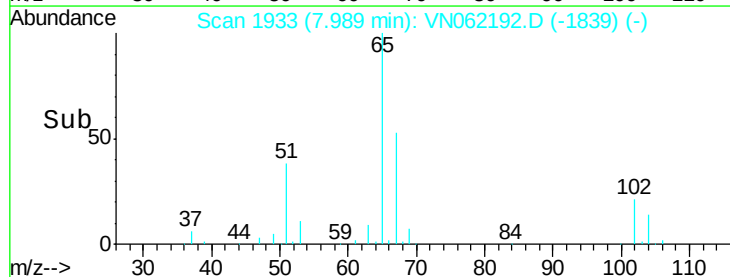
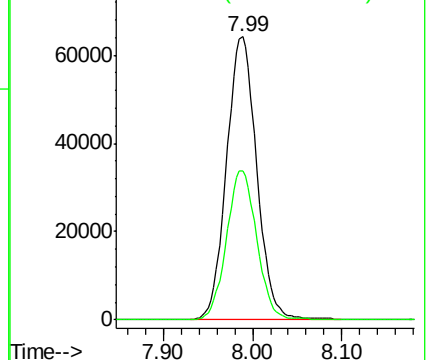
65 100

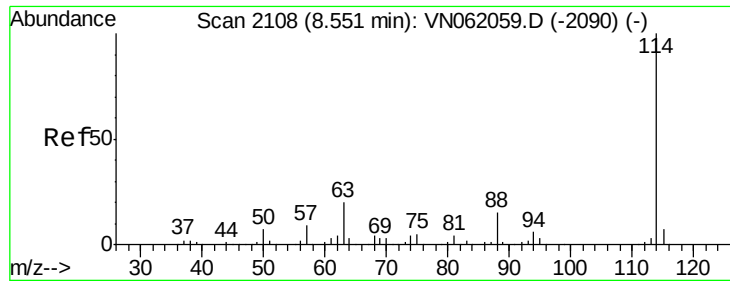
67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062192.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062192.D (-1839) (-)

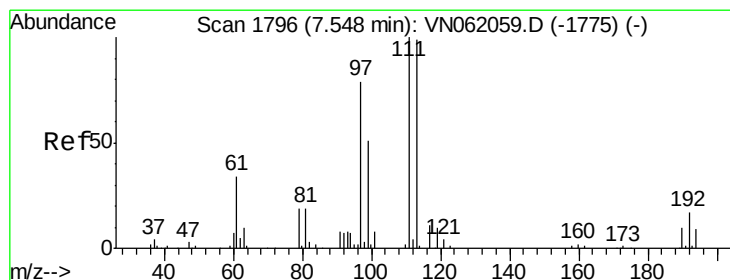
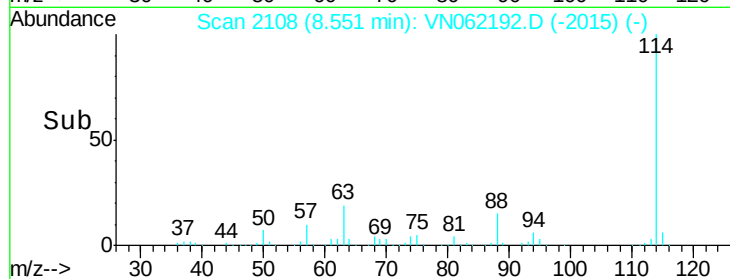
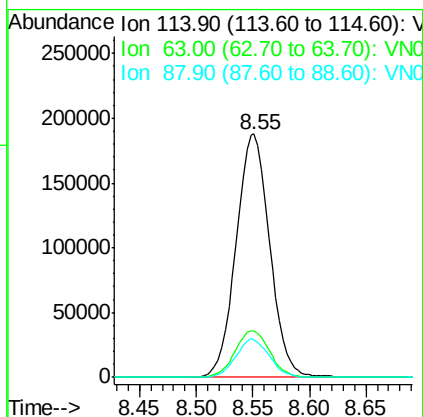
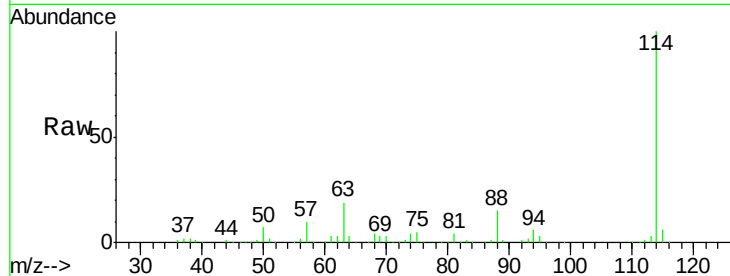




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062192.D
 Acq: 29 Jun 2020 16:54

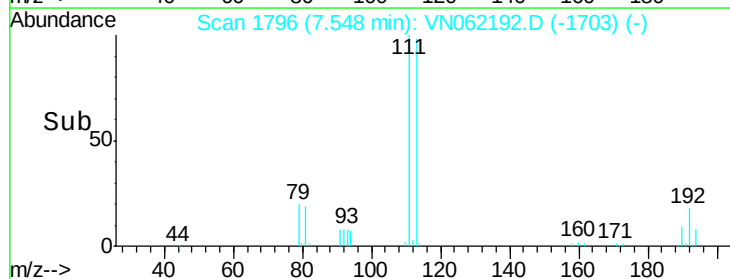
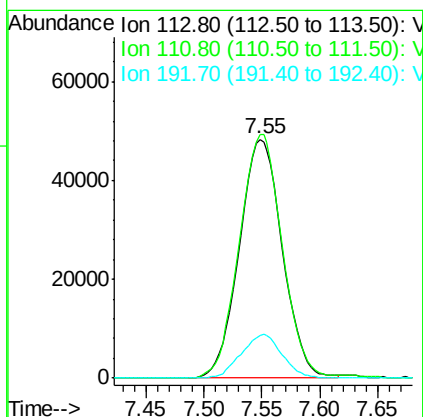
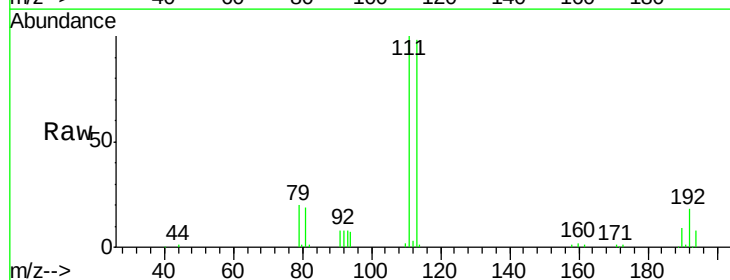
Instrument :
 MSVOA_N
 ClientSampleId :
 04BR-20200625DL

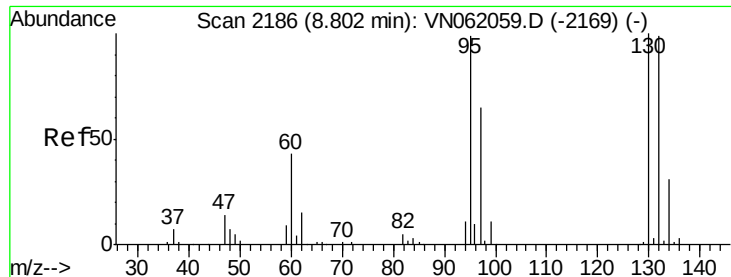
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	15.5	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 49.930 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062192.D
 Acq: 29 Jun 2020 16:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	17.3	14.0	21.0





#44

Trichloroethene

Concen: 90.806 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062192.D

Acq: 29 Jun 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

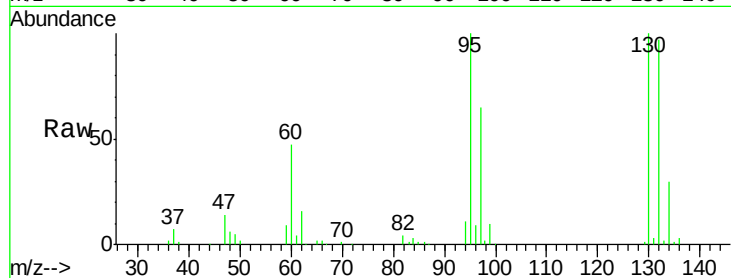
04BR-20200625DL

Tot Ion:130 Resp: 273048

Ion Ratio Lower Upper

130 100

95 100.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062192.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062192.D (-2093) (-)

8.80

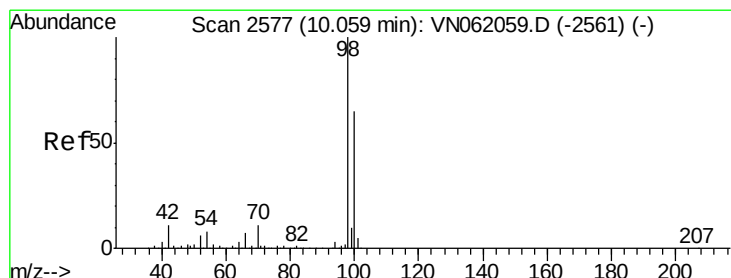
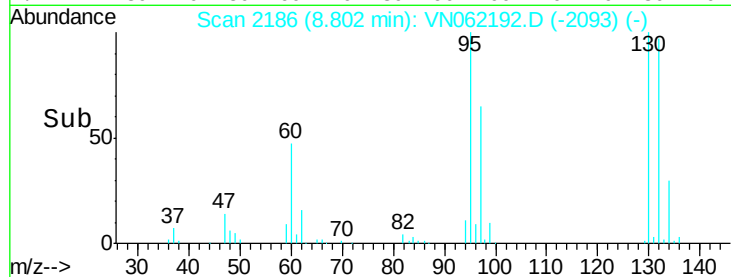
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 49.471 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062192.D

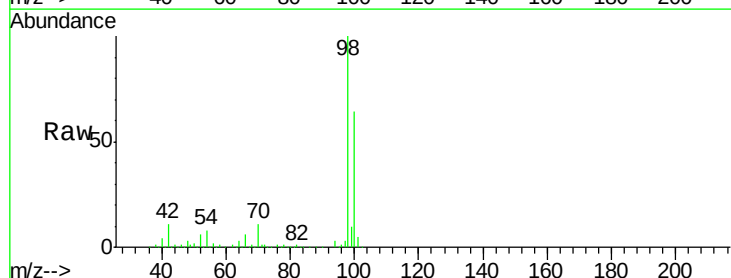
Acq: 29 Jun 2020 16:54

Tgt Ion: 98 Resp: 493622

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062192.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062192.D (-2484) (-)

10.06

300000

250000

200000

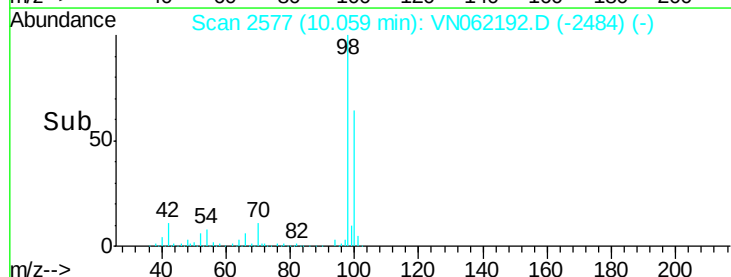
150000

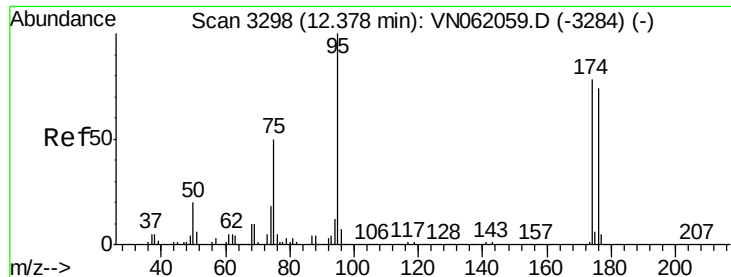
100000

50000

0

Time-->

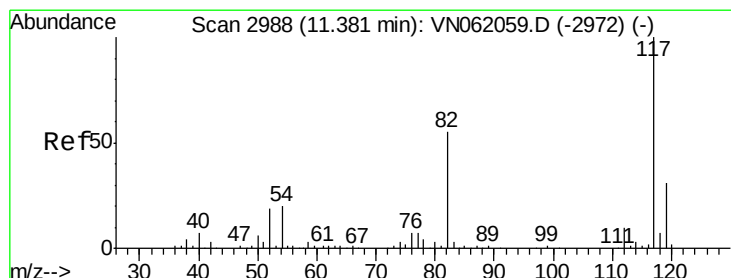
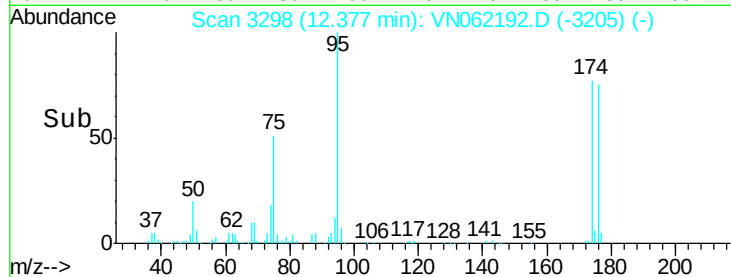
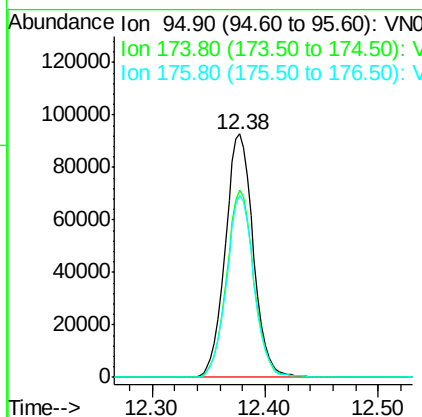
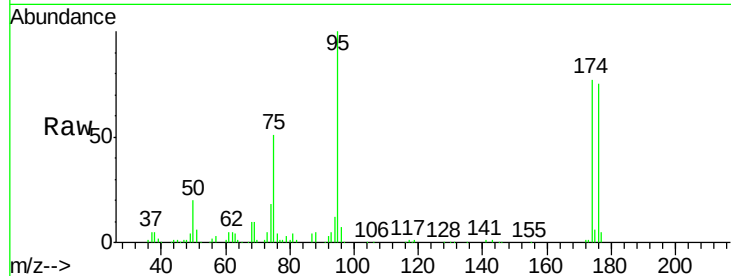




#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062192.D
Acq: 29 Jun 2020 16:54

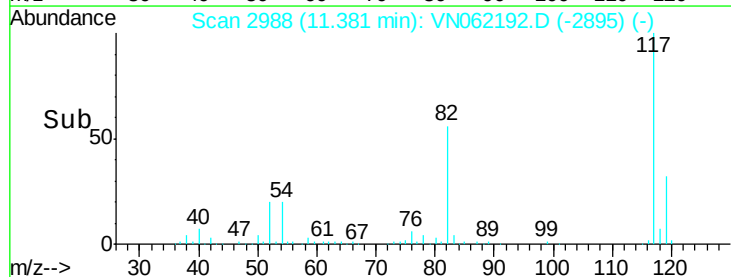
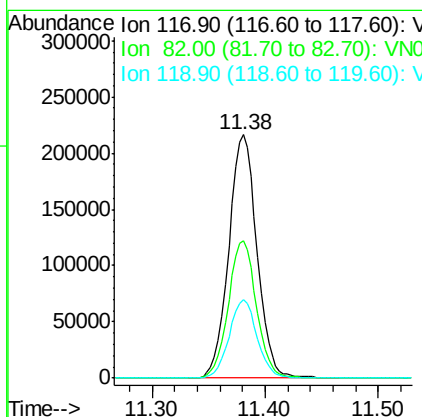
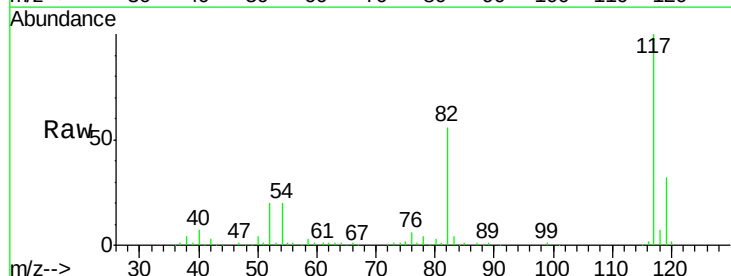
Instrument :
MSVOA_N
ClientSampleId :
04BR-20200625DL

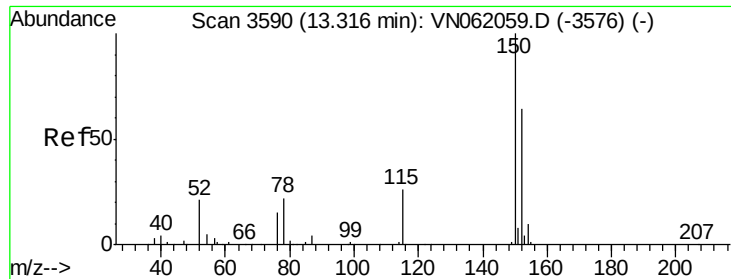
Tot Ion: 95 Resp: 159729
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.8
176 73.2 0.0 147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062192.D
Acq: 29 Jun 2020 16:54

Tgt Ion: 117 Resp: 374574
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.2 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: VN062192.D

Acq: 29 Jun 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

04BR-20200625DL

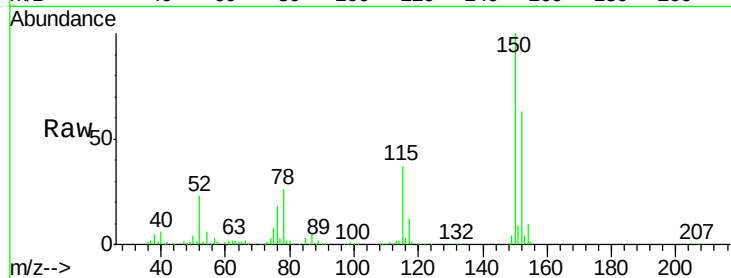
Tot Ion:152 Resp: 137358

Ion Ratio Lower Upper

152 100

115 60.0 29.5 88.5

150 158.2 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

