

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062139.D
 Acq On : 26 Jun 2020 15:01
 Operator : JC/MD
 Sample : L3088-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 29BR-20200622

Quant Time: Jun 27 04:31:58 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

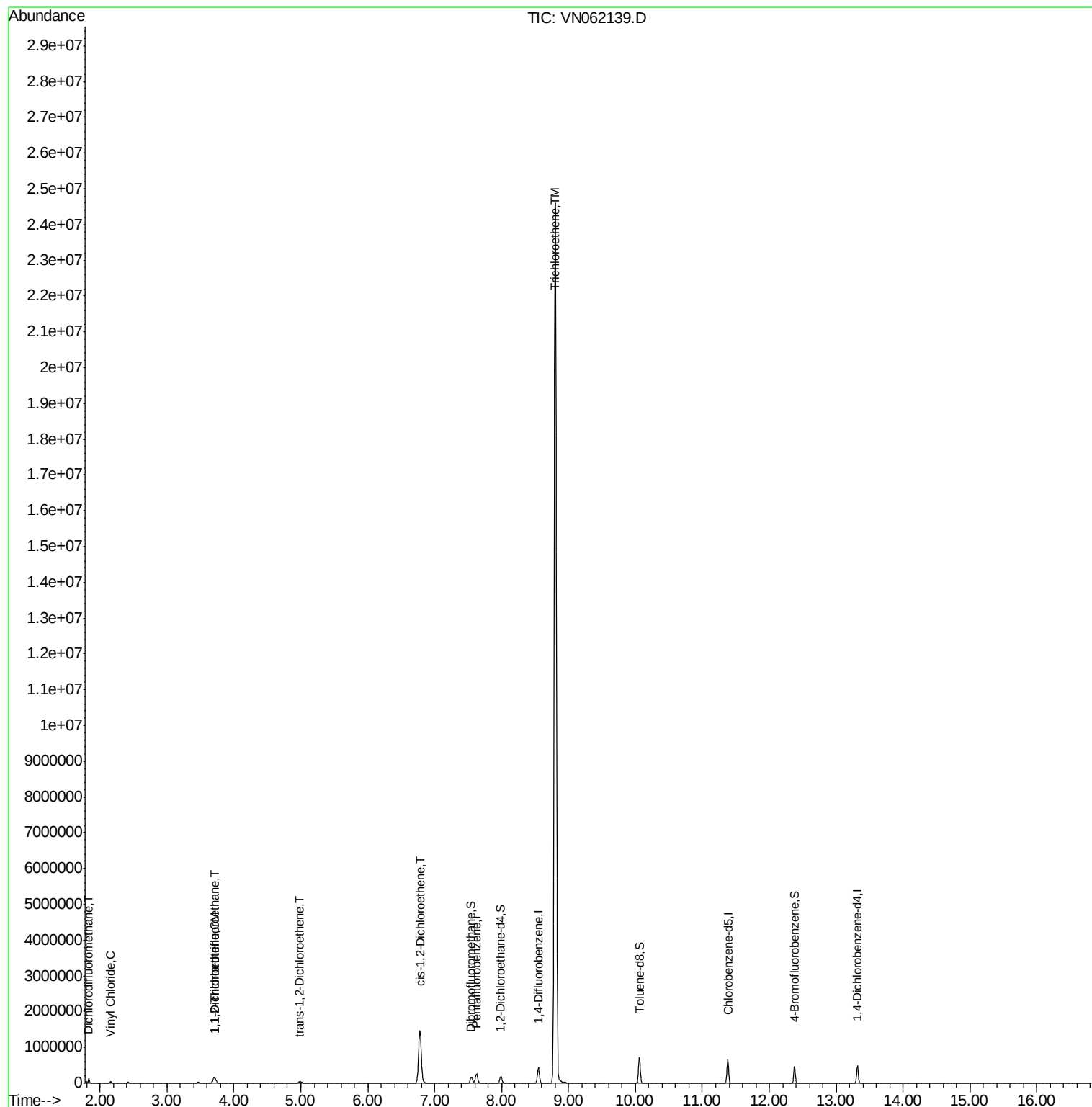
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	394992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	148687	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.55	113	128017	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.06	98	509959	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.38	95	161613	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	96883	39.196	ug/l	99
4) Vinyl Chloride	2.16	62	34174	8.779	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60429	24.059	ug/l	99
12) 1,1-Dichloroethene	3.70	96	46635	18.573	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	30595	10.696	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	1032193	320.677	ug/l	88
44) Trichloroethene	8.80	130	8055147	2638.813	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

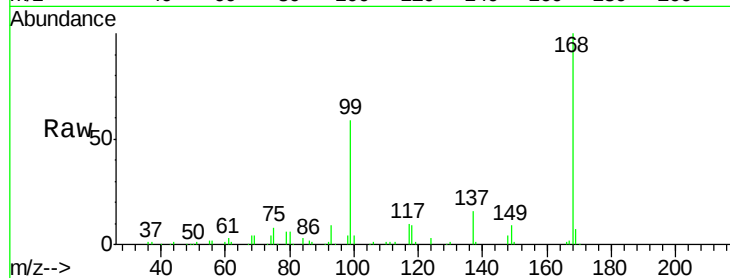
29BR-20200622

Tot Ion:168 Resp: 218679

Ion Ratio Lower Upper

168 100

99 58.7 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

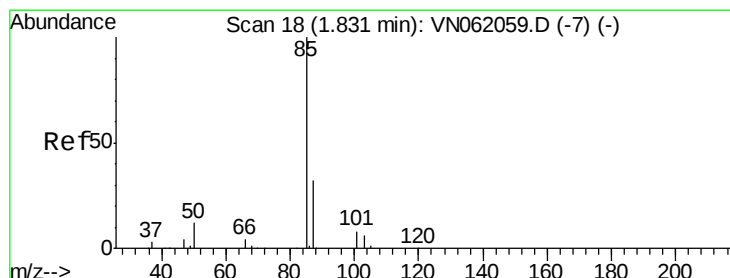
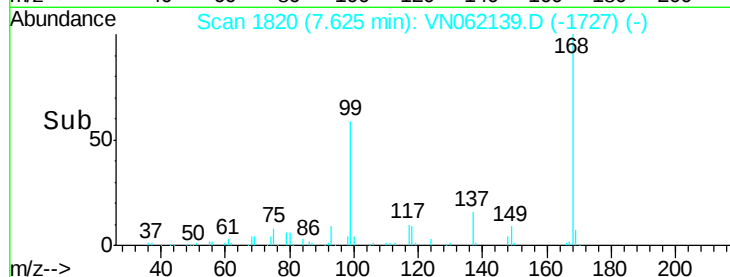
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 39.196 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062139.D

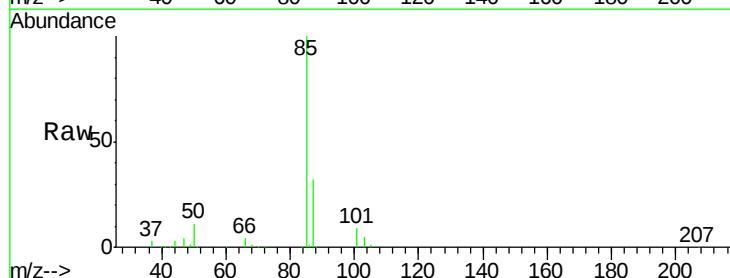
Acq: 26 Jun 2020 15:01

Tgt Ion: 85 Resp: 96883

Ion Ratio Lower Upper

85 100

87 32.5 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

80000

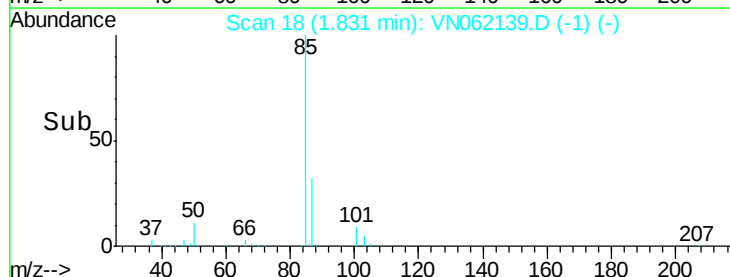
60000

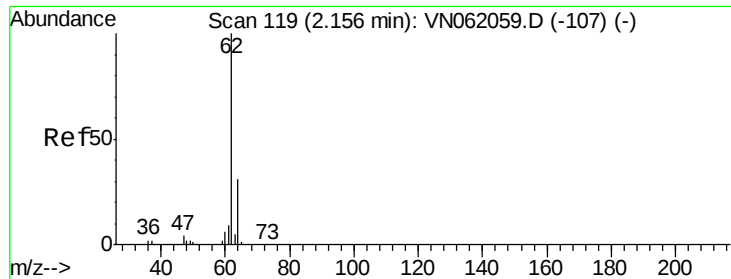
40000

20000

0

Time--> 1.80 1.85 1.90





#4

Vinyl Chloride

Concen: 8.779 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

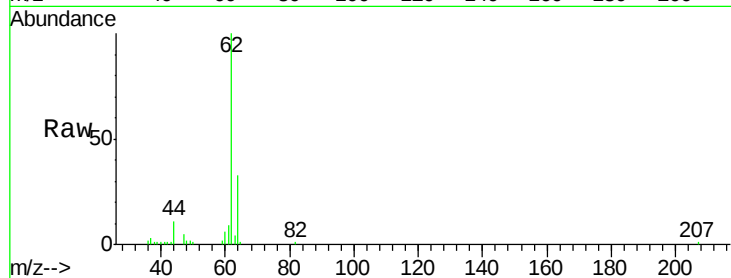
29BR-20200622

Tot Ion: 62 Resp: 34174

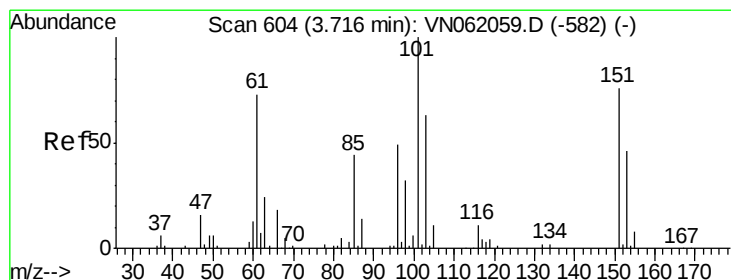
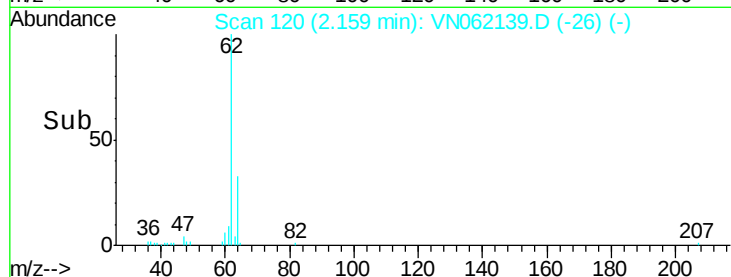
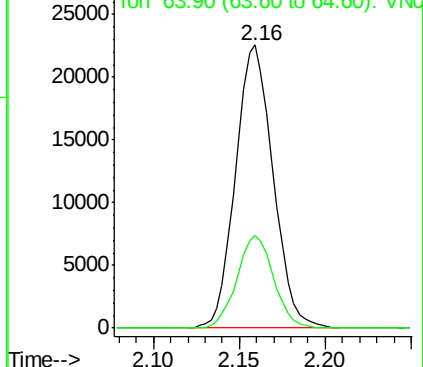
Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN062139.D (-107) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.059 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

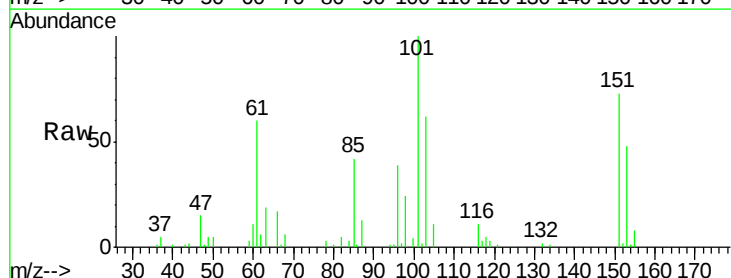
Tgt Ion: 101 Resp: 60429

Ion Ratio Lower Upper

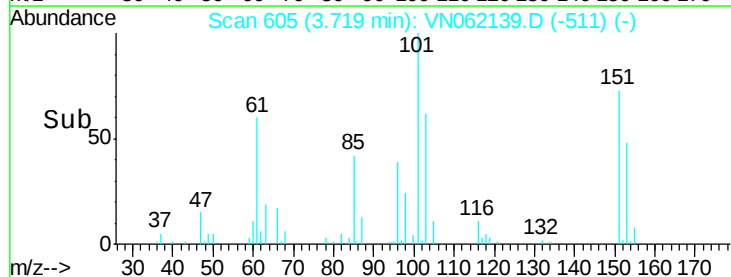
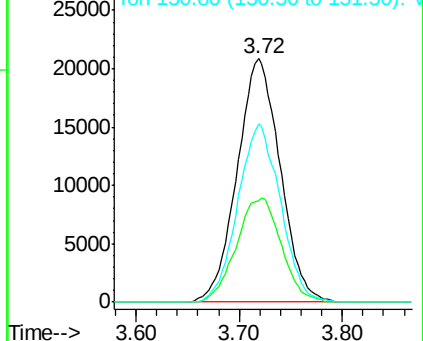
101 100

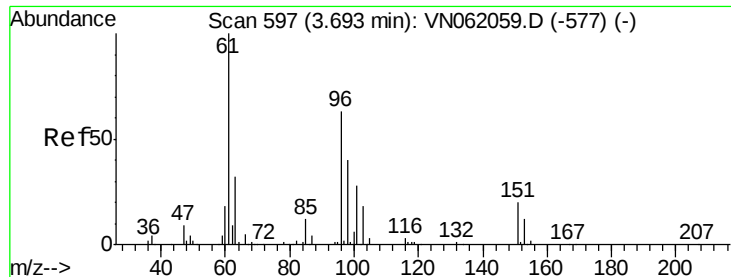
85 44.5 34.5 51.7

151 72.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): VN062139.D (-582) (-)





#12

1,1-Dichloroethene

Concen: 18.573 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

29BR-20200622

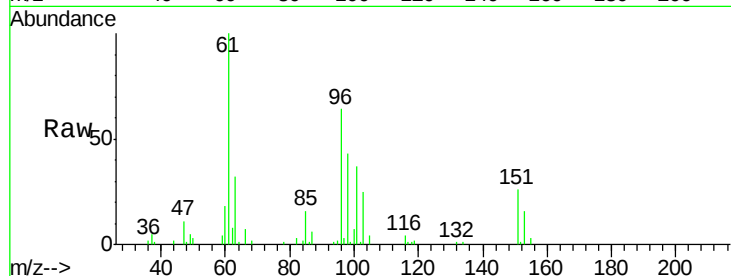
Tot Ion: 96 Resp: 46635

Ion Ratio Lower Upper

96 100

61 155.3 126.7 190.1

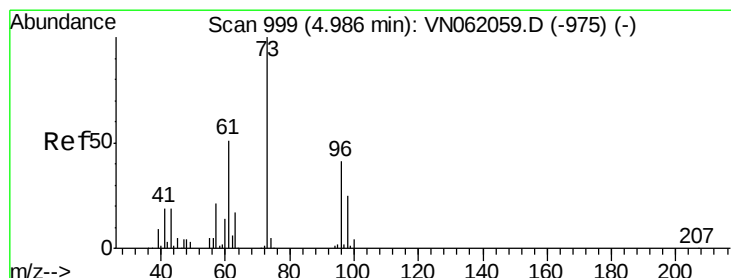
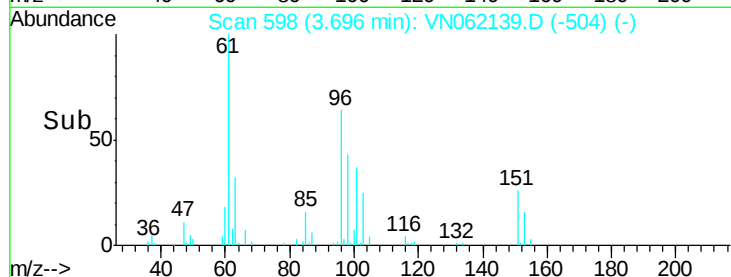
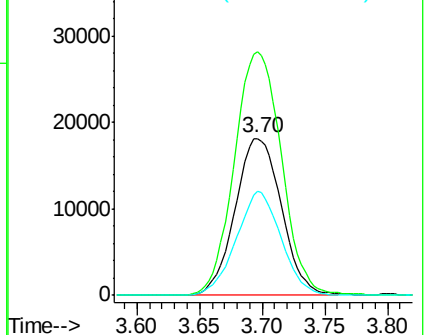
98 66.7 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 10.696 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

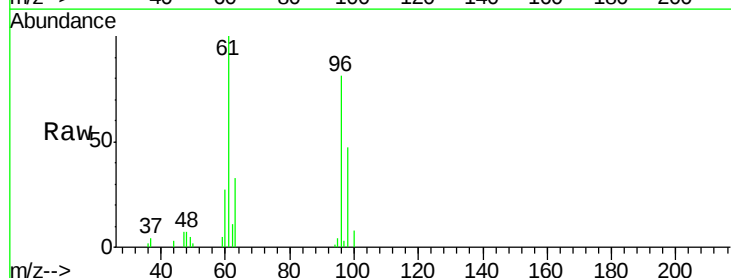
Tgt Ion: 96 Resp: 30595

Ion Ratio Lower Upper

96 100

61 123.4 101.4 152.2

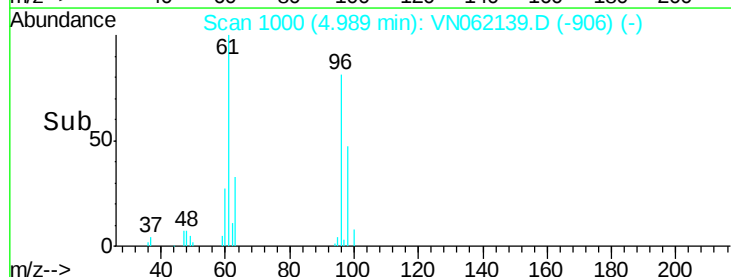
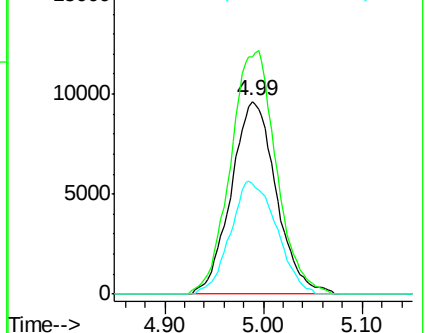
98 57.4 49.3 73.9

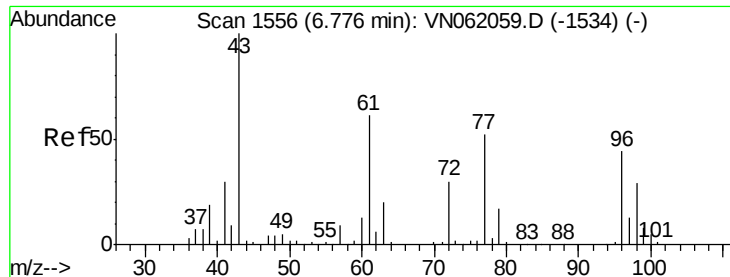


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 320.677 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

29BR-20200622

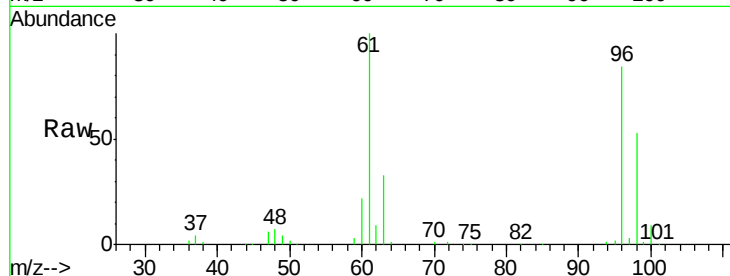
Tot Ion: 96 Resp: 1032193

Ion Ratio Lower Upper

96 100

61 119.1 0.0 280.4

98 63.6 0.0 129.4

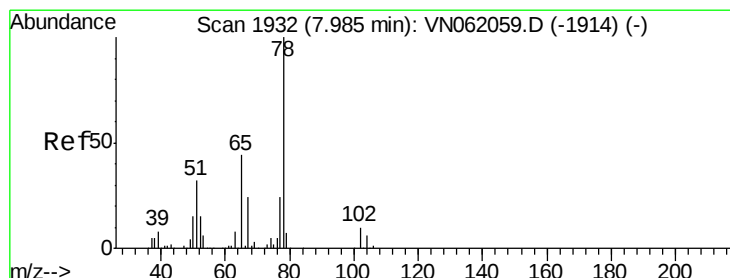
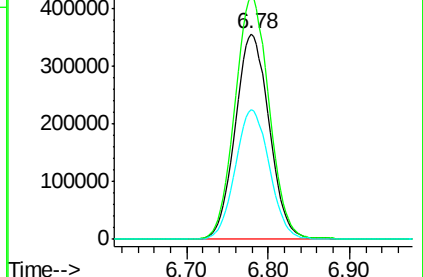
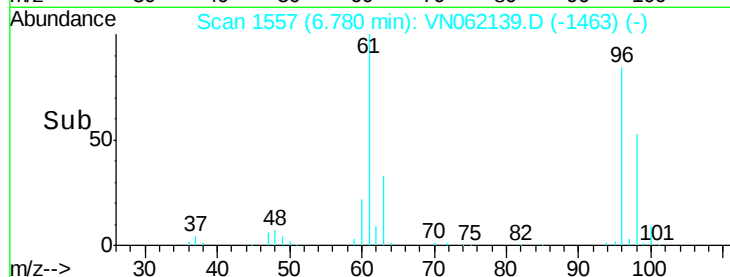


Abundance Ion 95.90 (95.60 to 96.60): VN062139.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062139.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062139.D (-1463) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062139.D

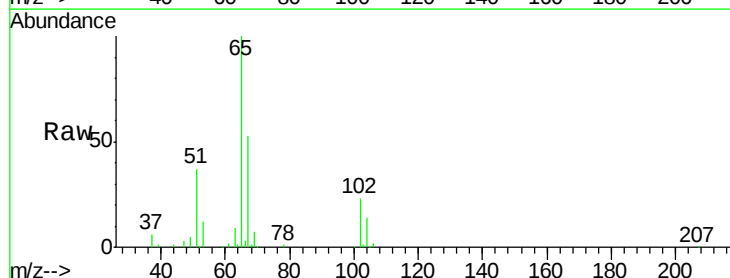
Acq: 26 Jun 2020 15:01

Tgt Ion: 65 Resp: 148687

Ion Ratio Lower Upper

65 100

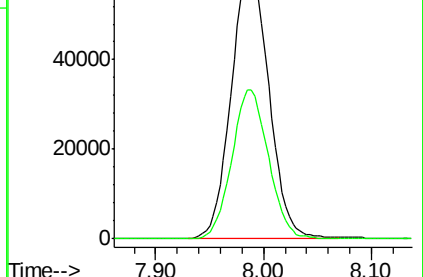
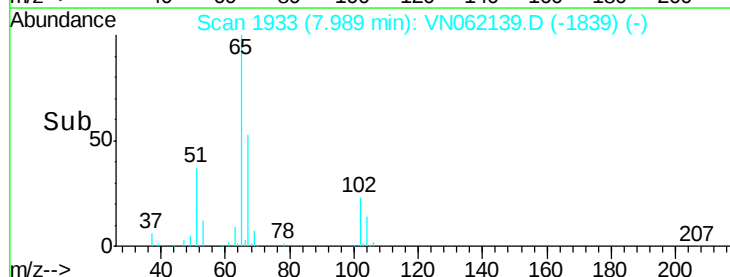
67 52.9 0.0 106.2

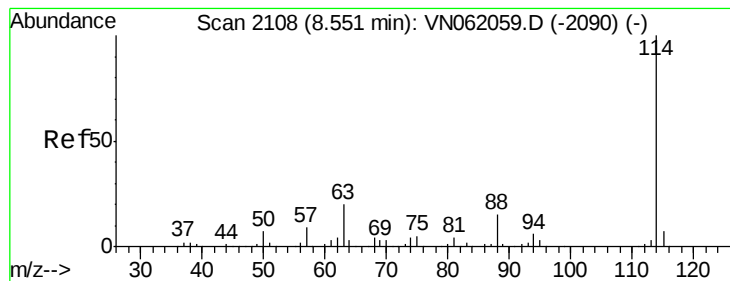


Abundance Ion 64.90 (64.60 to 65.60): VN062139.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062139.D (-1839) (-)

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

29BR-20200622

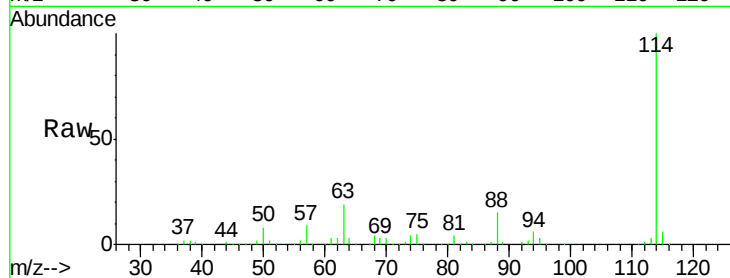
Tot Ion:114 Resp: 394992

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

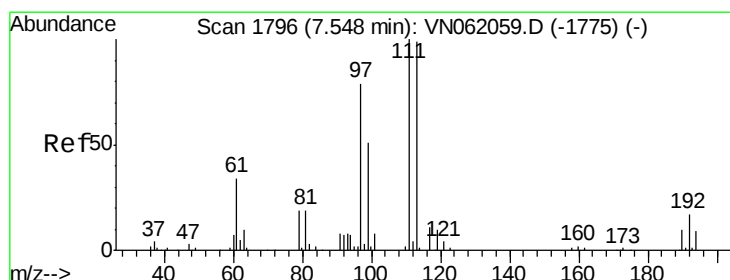
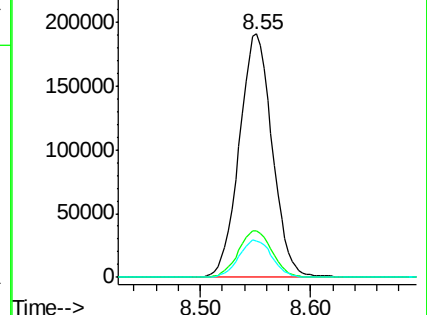
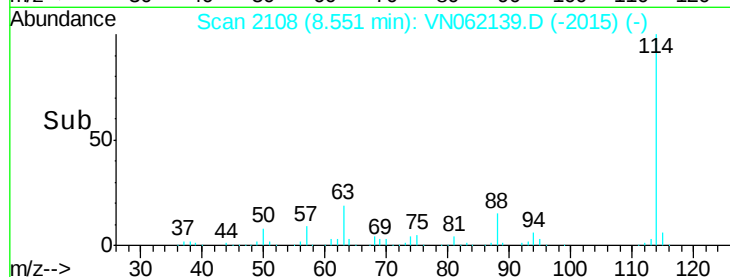
88 15.1 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.518 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

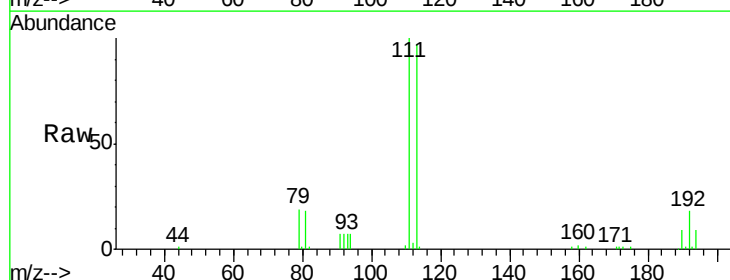
Tgt Ion:113 Resp: 128017

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

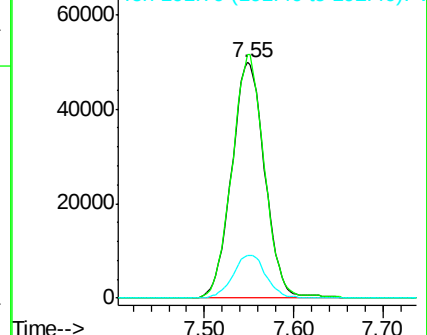
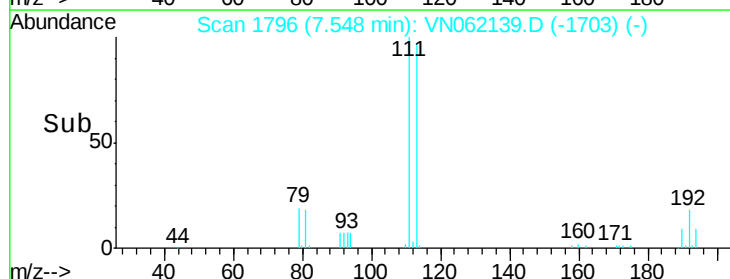
192 18.2 14.0 21.0

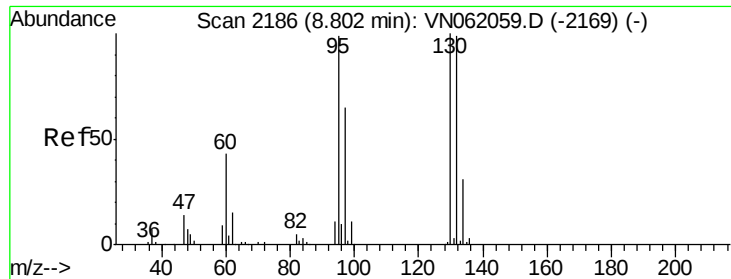


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2638.813 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

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ClientSampleId :

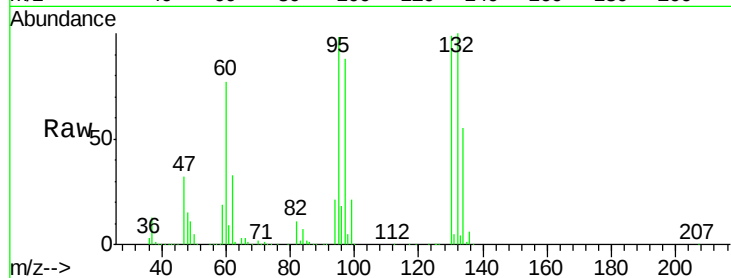
29BR-20200622

Tot Ion:130 Resp: 8055147

Ion Ratio Lower Upper

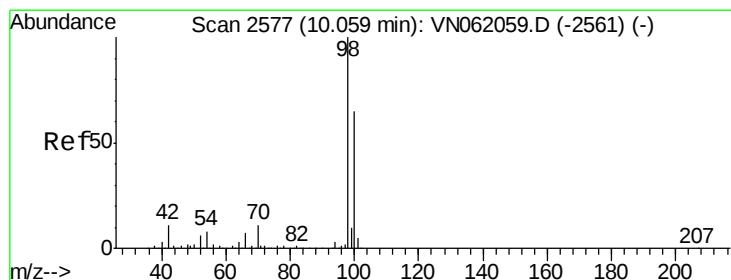
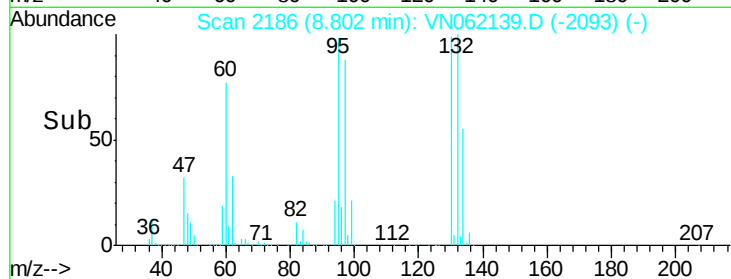
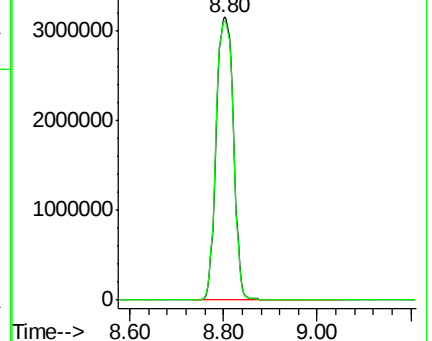
130 100

95 98.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 50.344 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062139.D

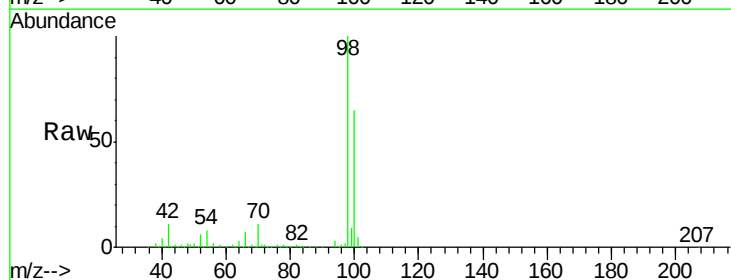
Acq: 26 Jun 2020 15:01

Tgt Ion: 98 Resp: 509959

Ion Ratio Lower Upper

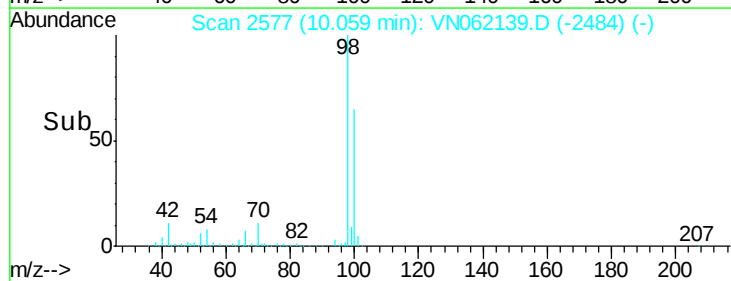
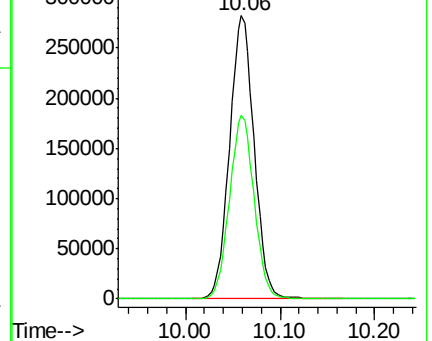
98 100

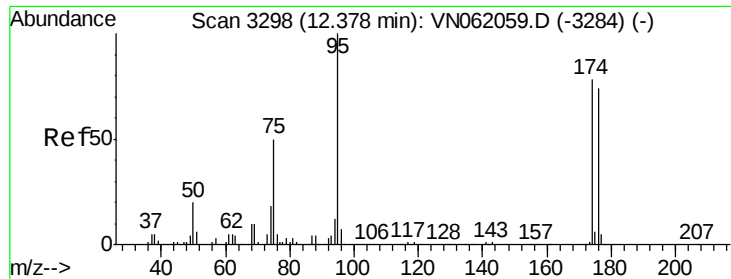
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.223 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

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ClientSampleId :

29BR-20200622

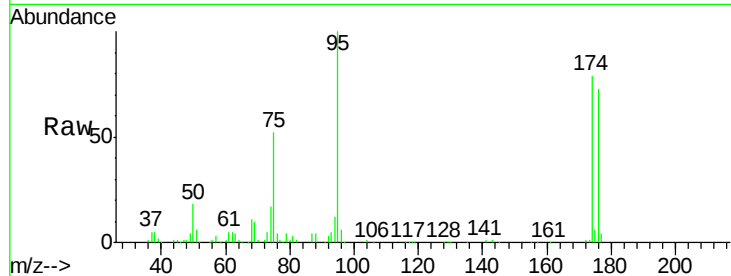
Tot Ion: 95 Resp: 161613

Ion Ratio Lower Upper

95 100

174 79.9 0.0 154.8

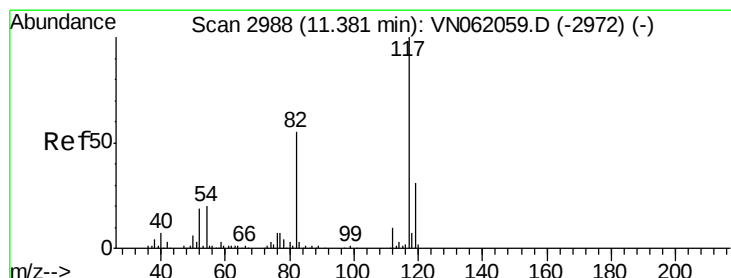
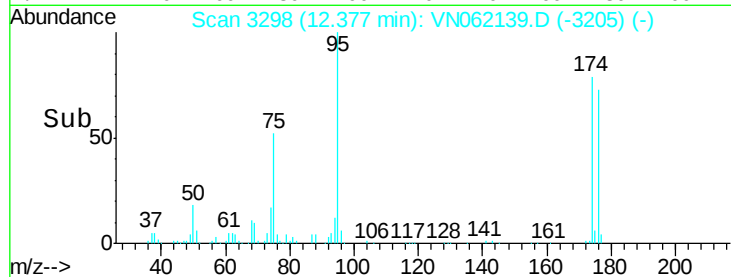
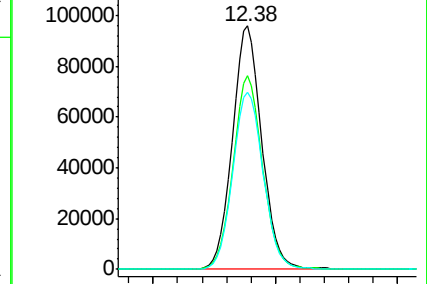
176 75.3 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062139.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062139.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062139.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062139.D

Acq: 26 Jun 2020 15:01

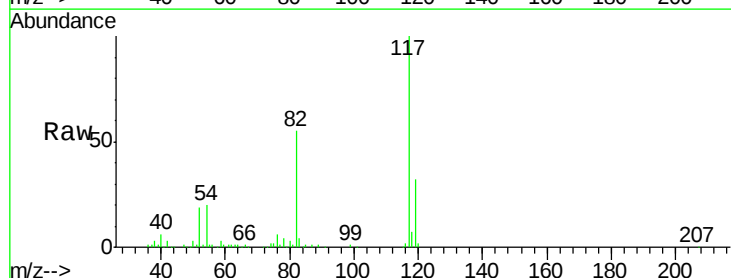
Tgt Ion: 117 Resp: 385078

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

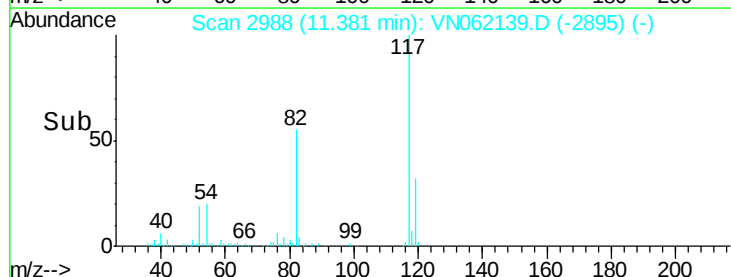
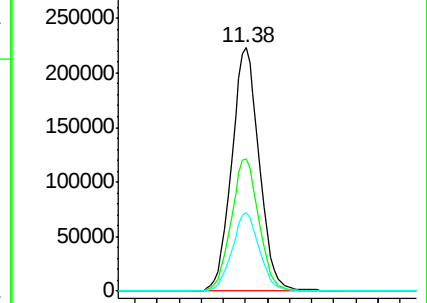
119 32.2 25.2 37.8

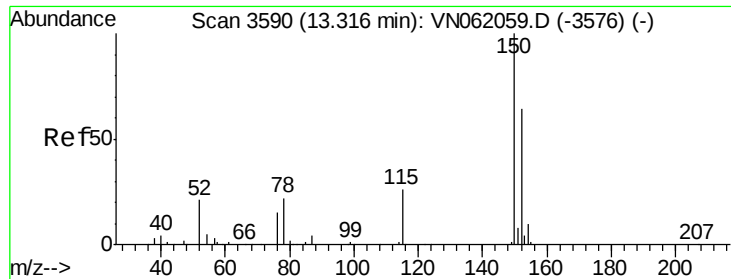


Abundance Ion 116.90 (116.60 to 117.60): VN062139.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062139.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062139.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: VN062139.D

Acq: 26 Jun 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

29BR-20200622

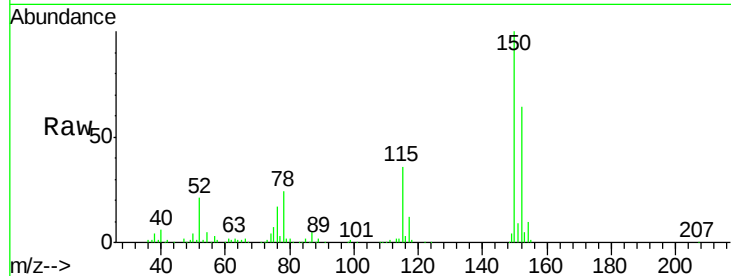
Tot Ion:152 Resp: 139806

Ion Ratio Lower Upper

152 100

115 58.1 29.5 88.5

150 155.0 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

