

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061951.D
 Acq On : 19 Jun 2020 14:49
 Operator : JC/MD
 Sample : L2984-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0566

Quant Time: Jun 20 08:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

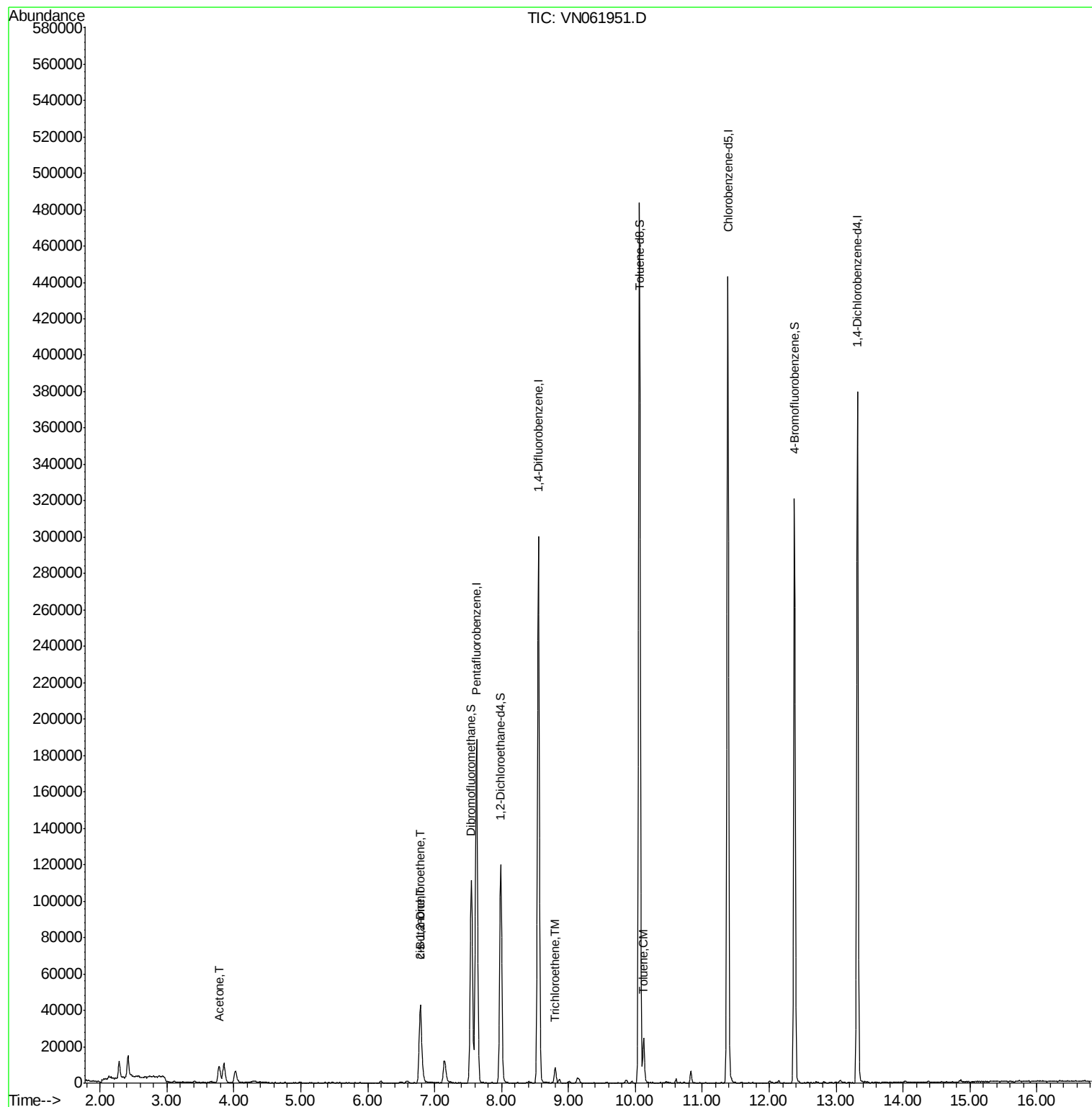
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	276934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	100723	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	7.55	113	88677	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.06	98	344811	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.38	95	112785	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
16) Acetone	3.78	43	16057	26.490	ug/l	99
25) 2-Butanone	6.79	43	69926	79.067	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	1767	0.858	ug/l	85
44) Trichloroethene	8.80	130	3361	1.669	ug/l	94
52) Toluene	10.13	92	10872	2.262	ug/l	95

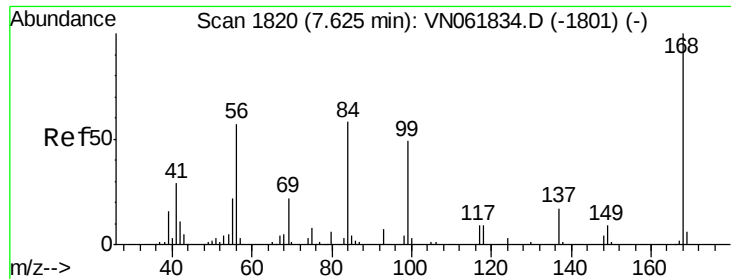
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061951.D
Acq On : 19 Jun 2020 14:49
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MSVOA_N
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Quant Time: Jun 20 08:21:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 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: VN061951.D

Acq: 19 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

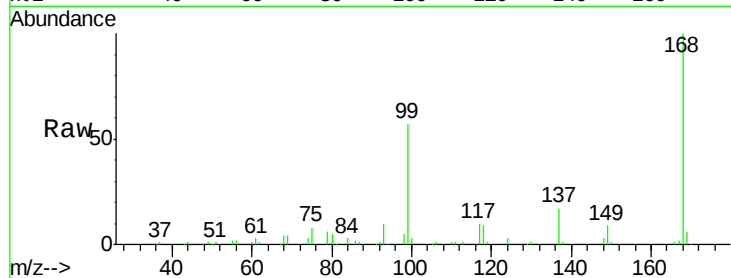
S49-0566

Tot Ion:168 Resp: 153012

Ion Ratio Lower Upper

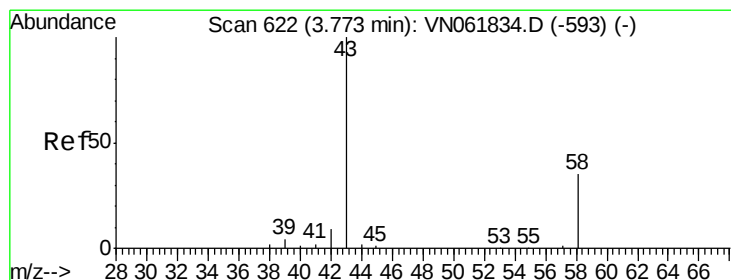
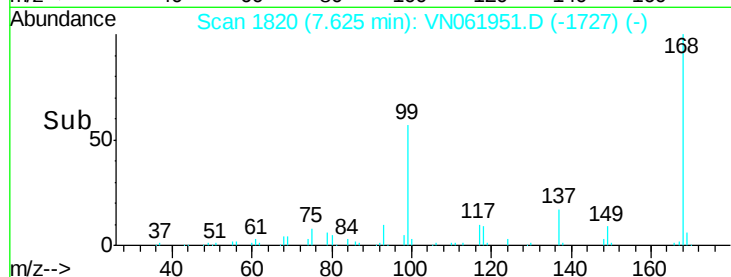
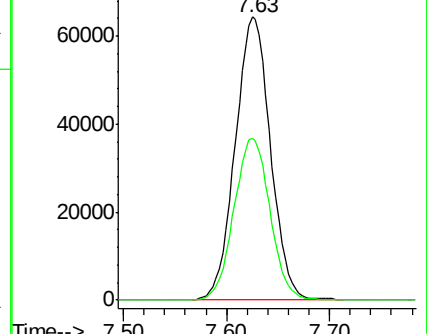
168 100

99 57.3 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 26.490 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061951.D

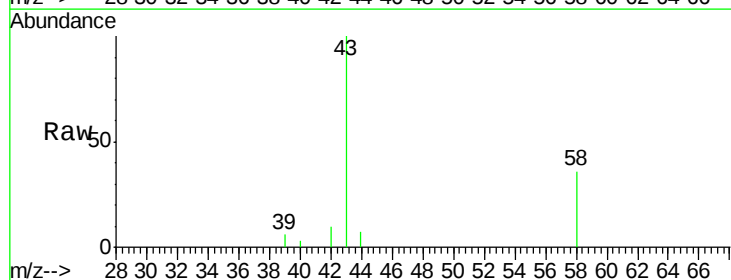
Acq: 19 Jun 2020 14:49

Tgt Ion: 43 Resp: 16057

Ion Ratio Lower Upper

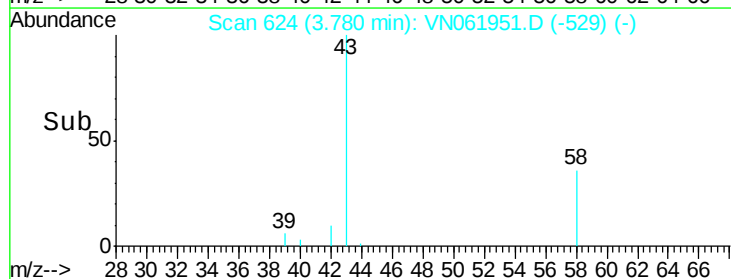
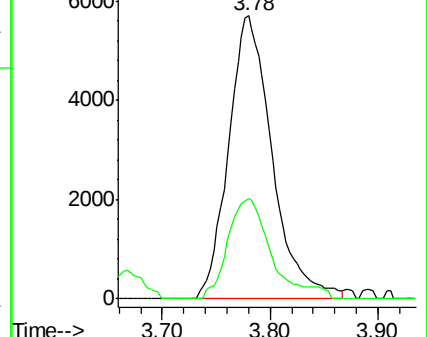
43 100

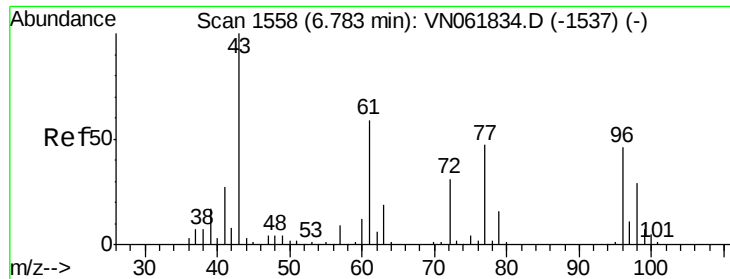
58 35.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#25

2-Butanone

Concen: 79.067 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

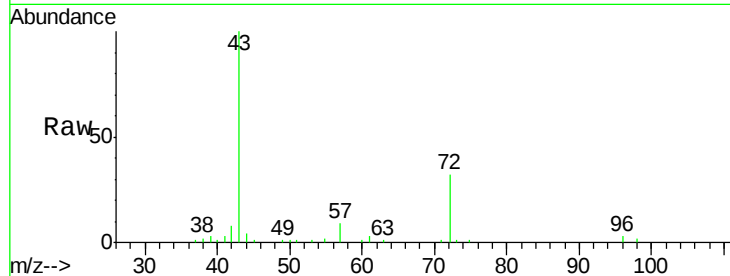
S49-0566

Tot Ion: 43 Resp: 69926

Ion Ratio Lower Upper

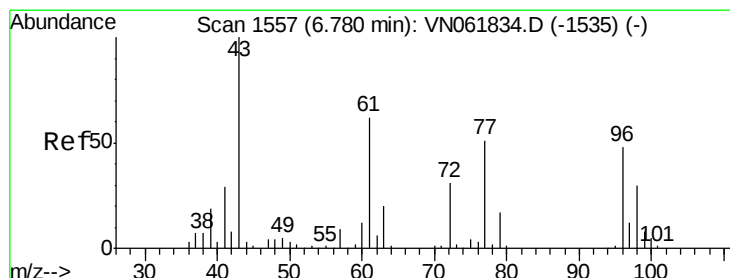
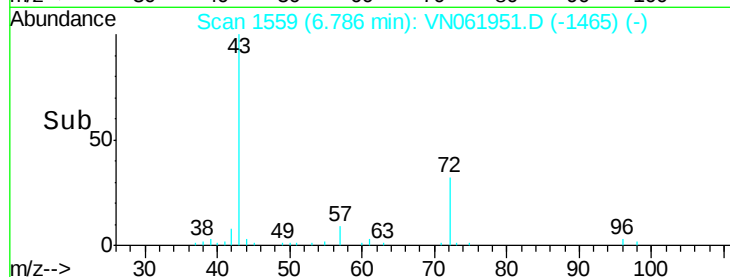
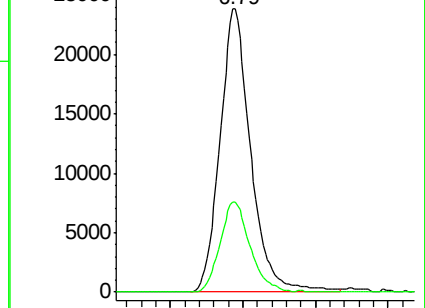
43 100

72 31.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 0.858 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

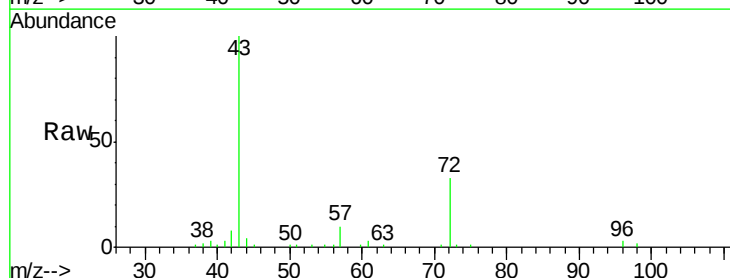
Tgt Ion: 96 Resp: 1767

Ion Ratio Lower Upper

96 100

61 106.8 0.0 265.6

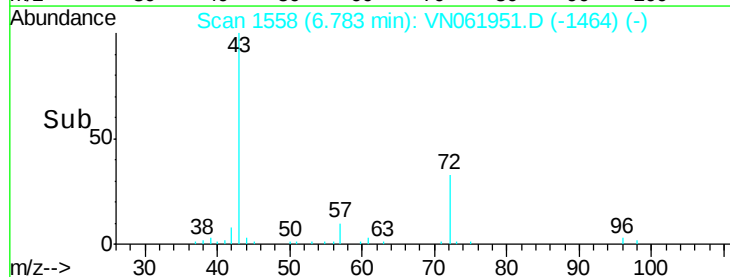
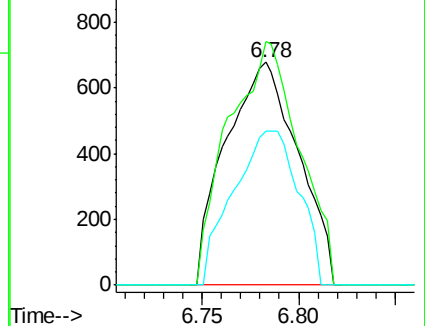
98 62.7 0.0 128.2

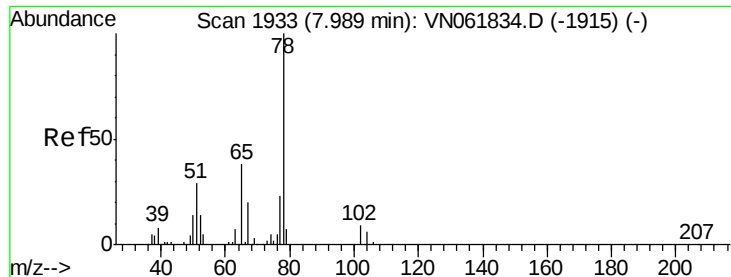


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.083 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

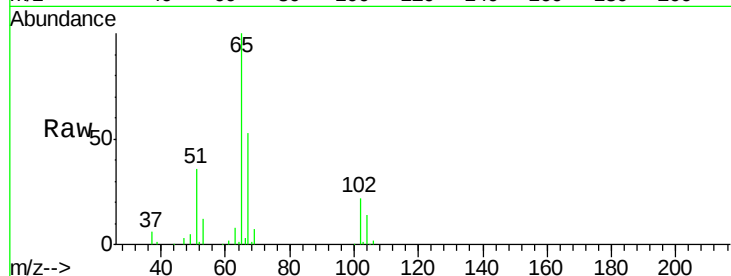
S49-0566

Tot Ion: 65 Resp: 100723

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2

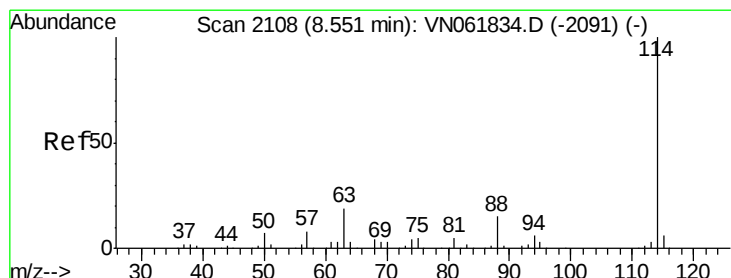
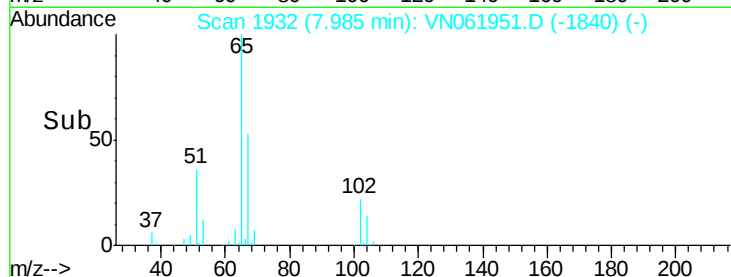


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

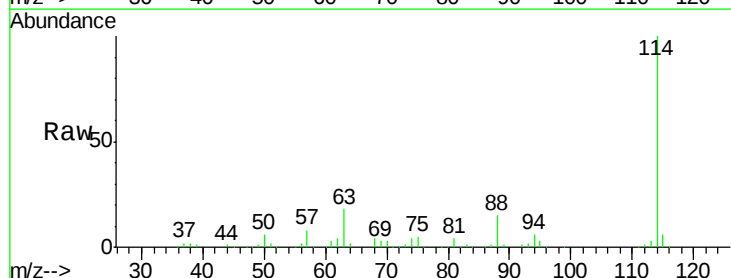
Tgt Ion: 114 Resp: 276934

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

88 15.2 0.0 31.0



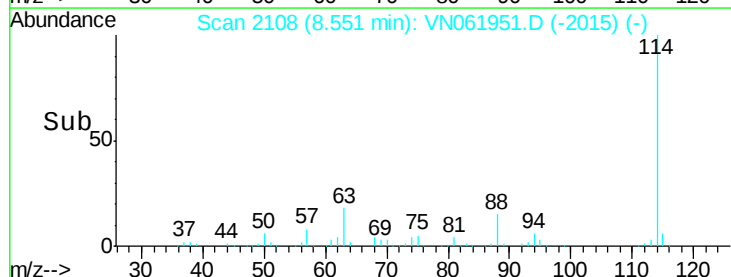
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

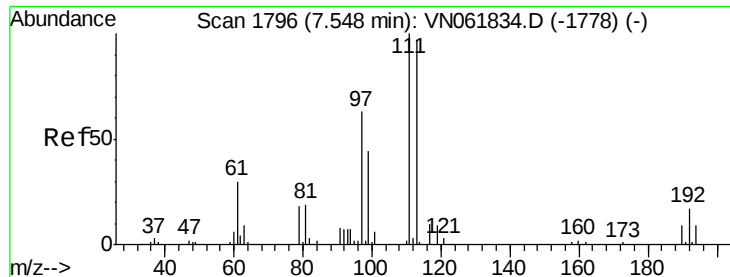
Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

Time-->

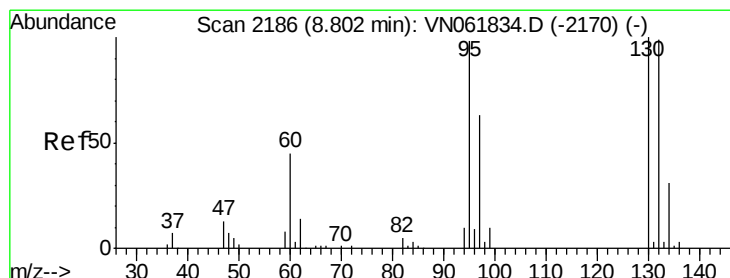
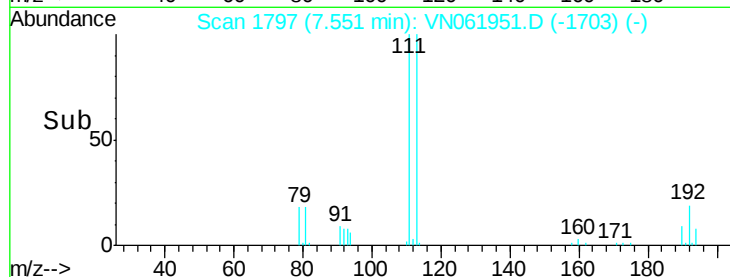
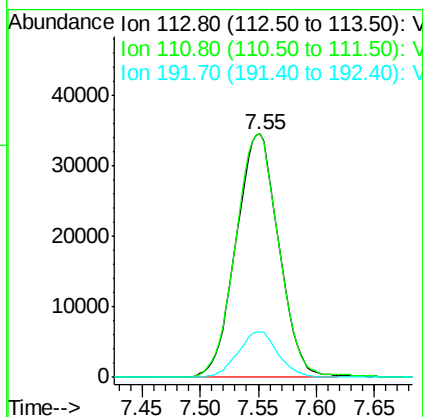
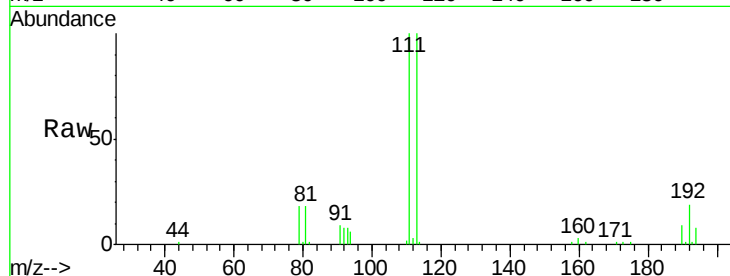




#35
 Dibromofluoromethane
 Concen: 50.053 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061951.D
 Acq: 19 Jun 2020 14:49

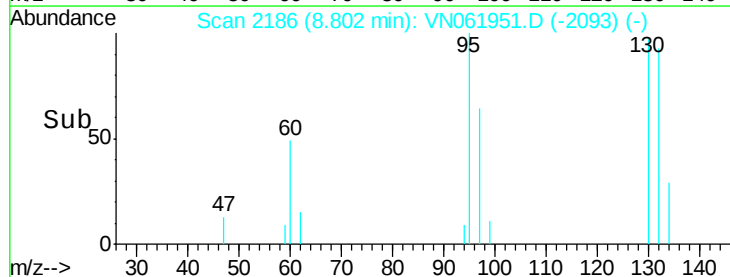
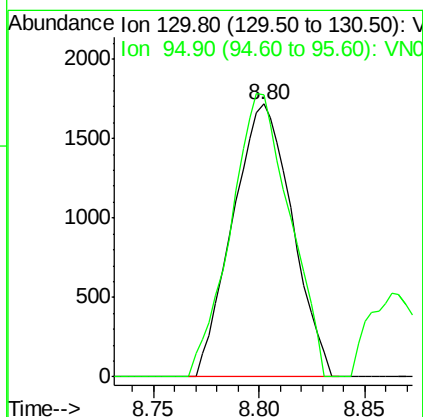
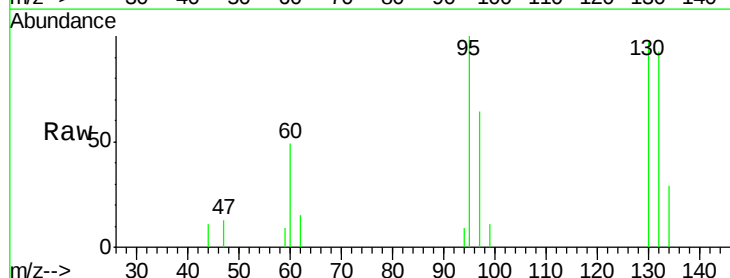
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0566

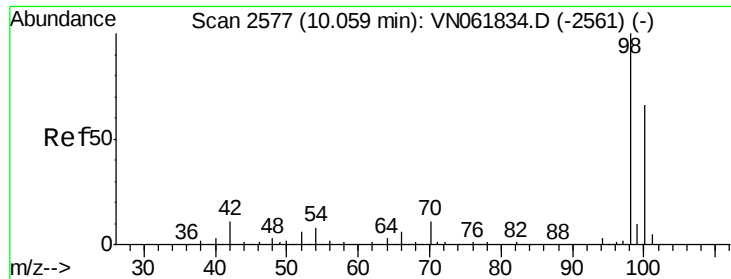
Tot Ion:113 Resp: 88677
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.7 125.5
 192 17.5 13.9 20.9



#44
 Trichloroethene
 Concen: 1.669 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061951.D
 Acq: 19 Jun 2020 14:49

Tgt Ion:130 Resp: 3361
 Ion Ratio Lower Upper
 130 100
 95 103.3 0.0 195.6





#50

Toluene-d8

Concen: 49.505 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

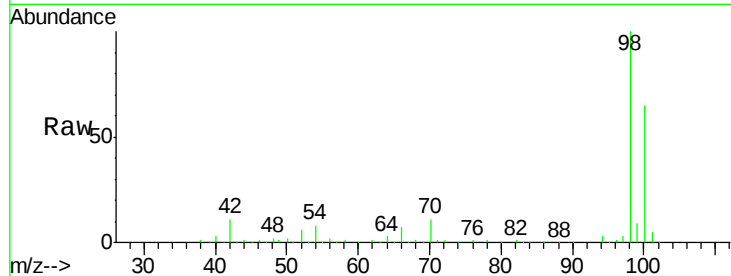
S49-0566

Tot Ion: 98 Resp: 344811

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

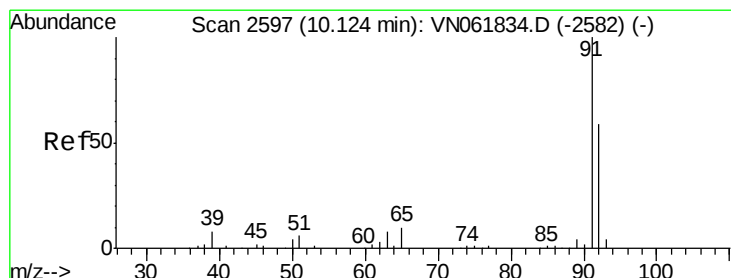
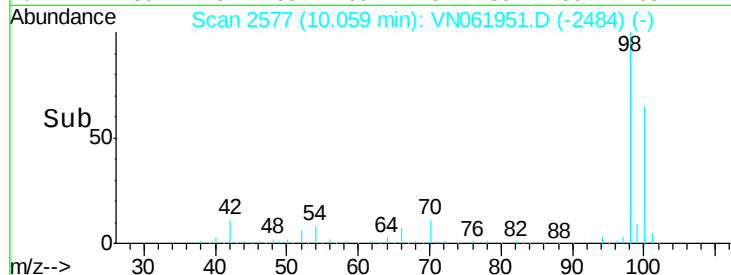
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 2.262 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061951.D

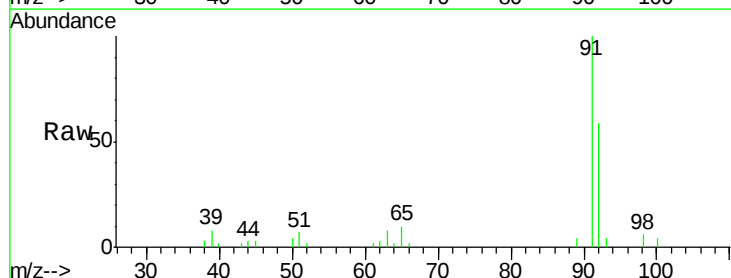
Acq: 19 Jun 2020 14:49

Tgt Ion: 92 Resp: 10872

Ion Ratio Lower Upper

92 100

91 178.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.13

12000

10000

8000

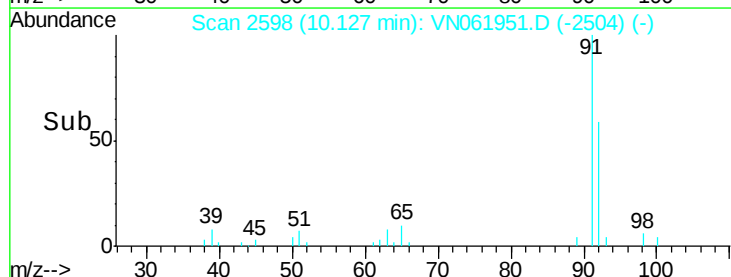
6000

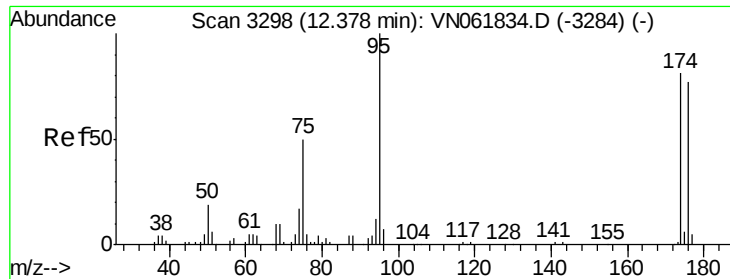
4000

2000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.207 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

S49-0566

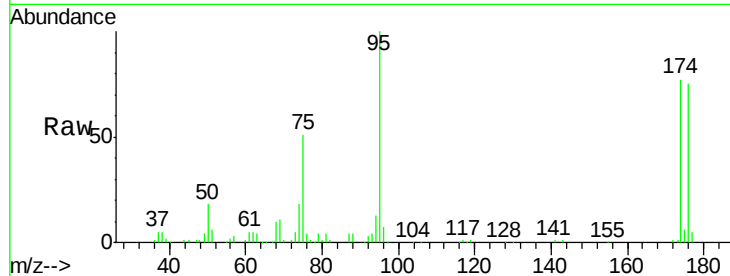
Tot Ion: 95 Resp: 112785

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.6

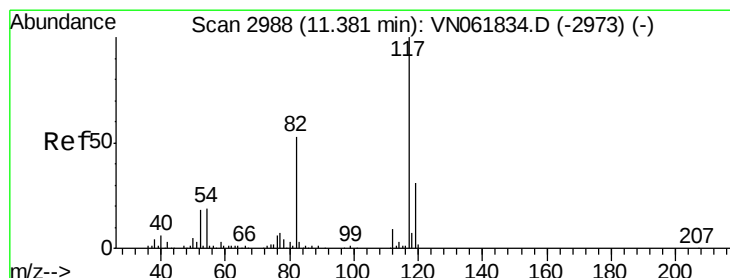
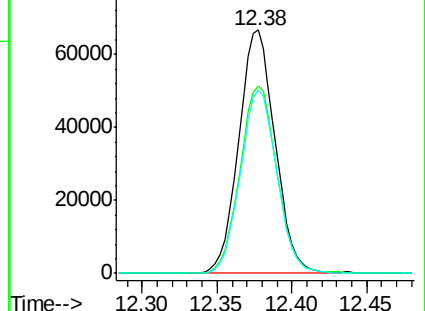
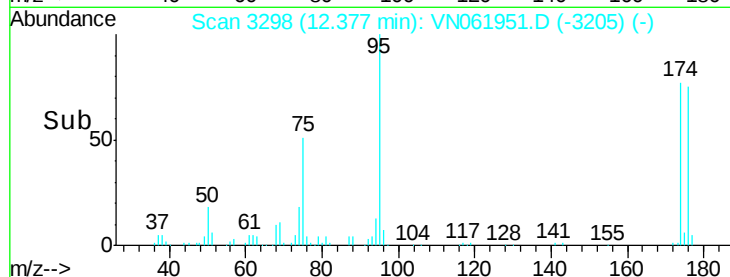
176 75.9 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

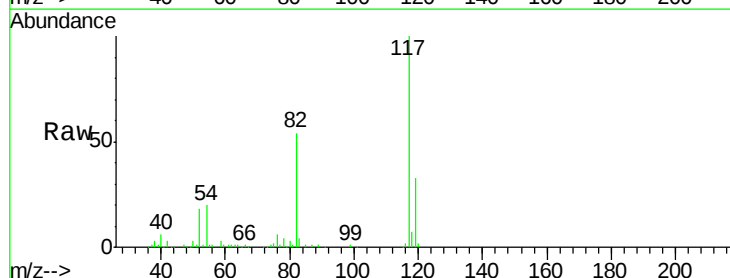
Tgt Ion: 117 Resp: 263274

Ion Ratio Lower Upper

117 100

82 54.3 42.6 64.0

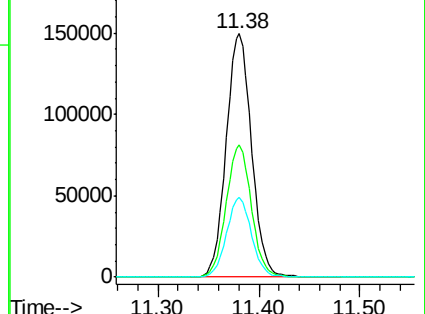
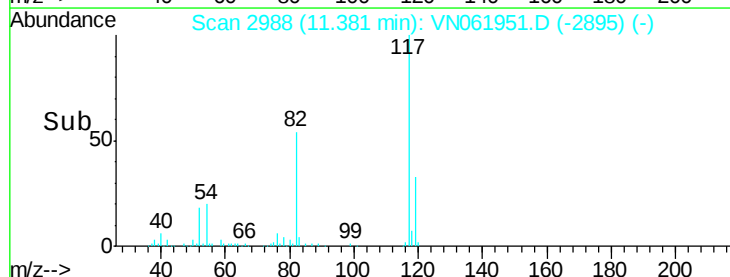
119 32.6 24.7 37.1

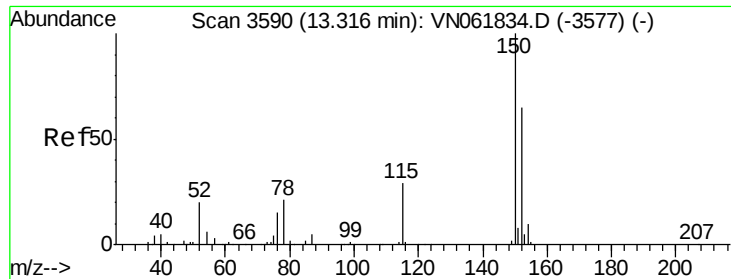


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061951.D

Acq: 19 Jun 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

S49-0566

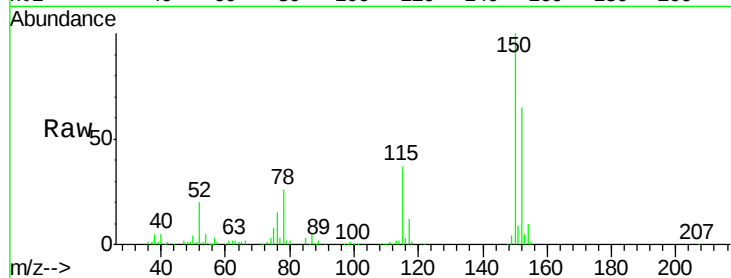
Tot Ion:152 Resp: 104812

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 155.3 0.0 347.6



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

