

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061950.D
 Acq On : 19 Jun 2020 14:25
 Operator : JC/MD
 Sample : L2984-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0564

Quant Time: Jun 20 08:19:10 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

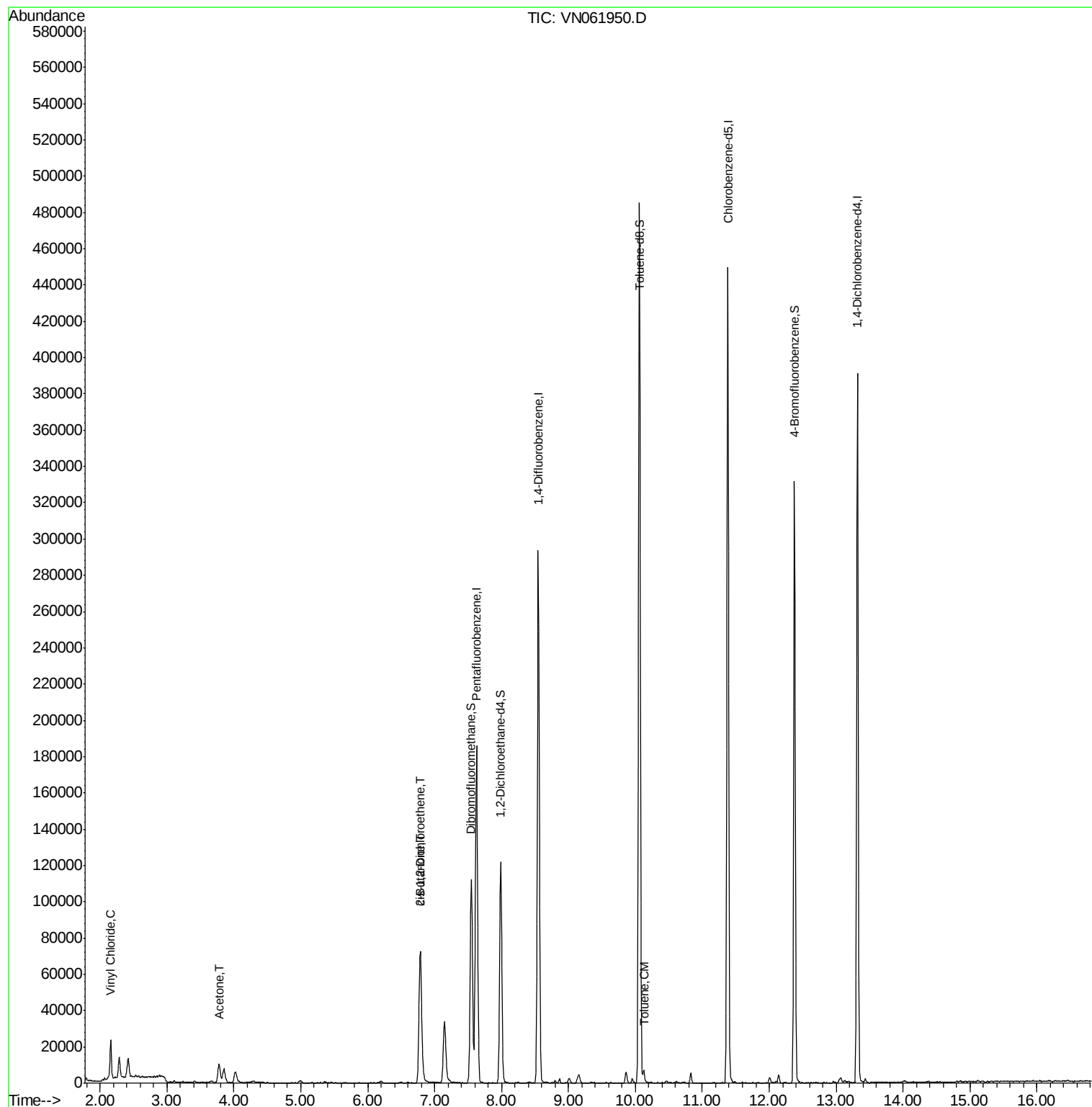
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	276099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	100955	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	87881	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	344283	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.38	95	114230	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
4) Vinyl Chloride	2.16	62	18806	7.473	ug/l	95
16) Acetone	3.78	43	17365	28.823	ug/l	95
25) 2-Butanone	6.79	43	112529	128.018	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	6589	3.217	ug/l	92
52) Toluene	10.12	92	3124	0.652	ug/l	90

(#) = 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# 1821

Delta R.T. 0.00 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

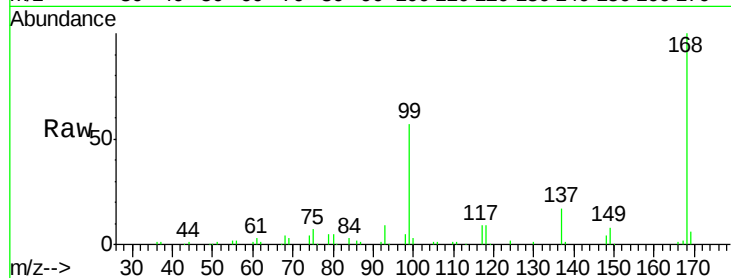
S49-0564

Tot Ion:168 Resp: 152082

Ion Ratio Lower Upper

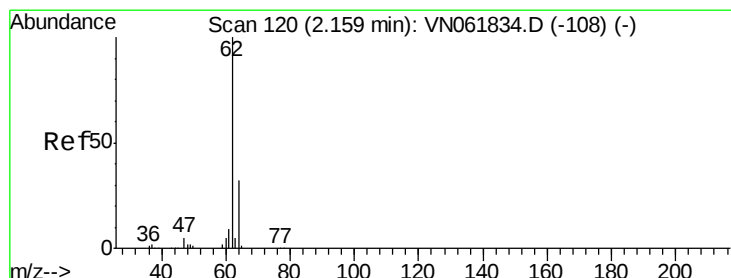
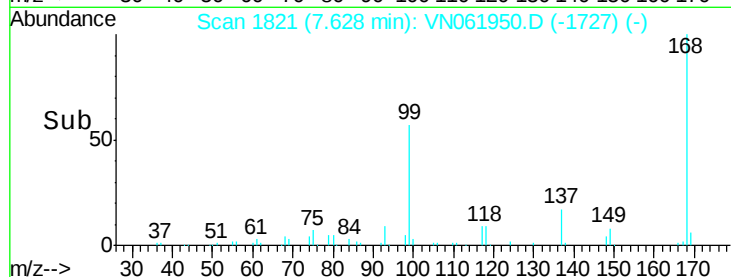
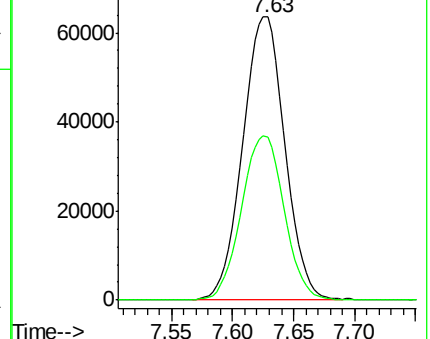
168 100

99 57.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 7.473 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061950.D

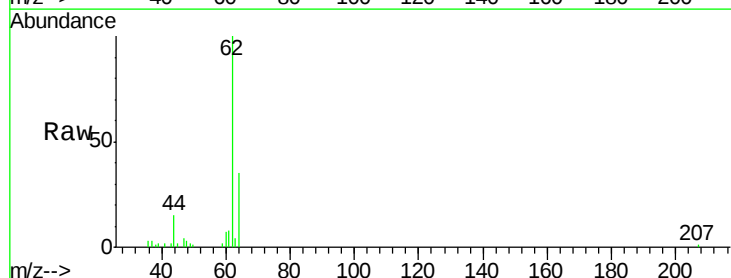
Acq: 19 Jun 2020 14:25

Tgt Ion: 62 Resp: 18806

Ion Ratio Lower Upper

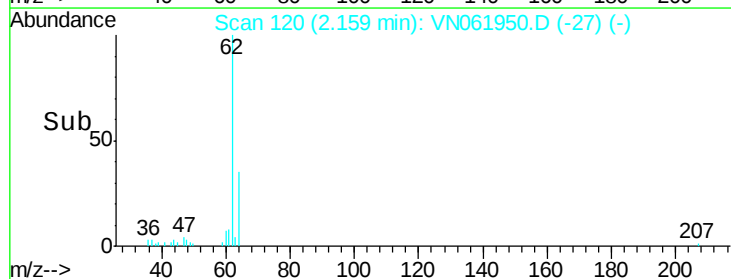
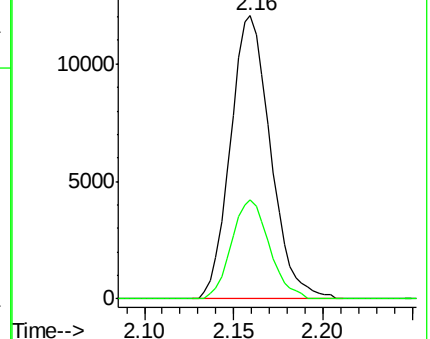
62 100

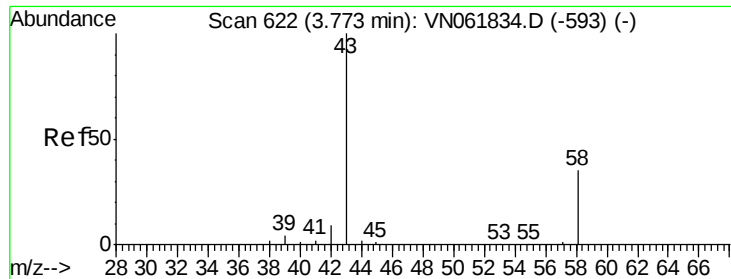
64 34.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#16

Acetone

Concen: 28.823 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

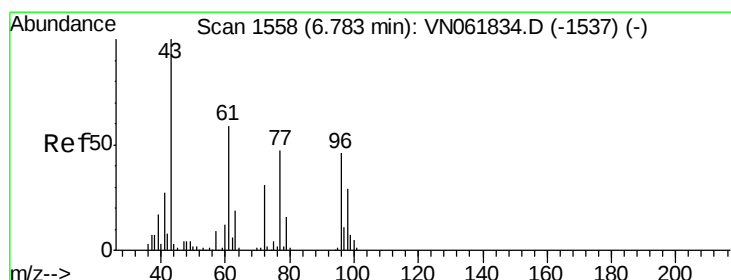
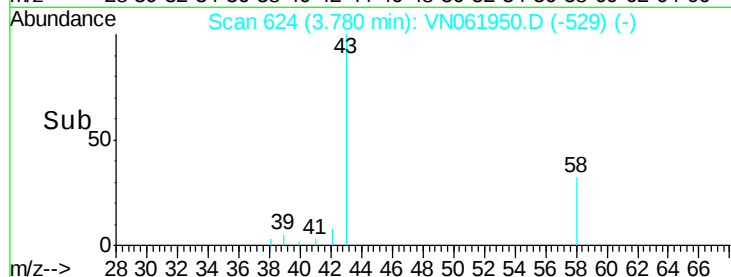
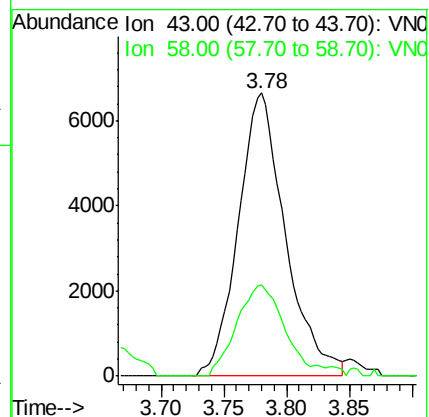
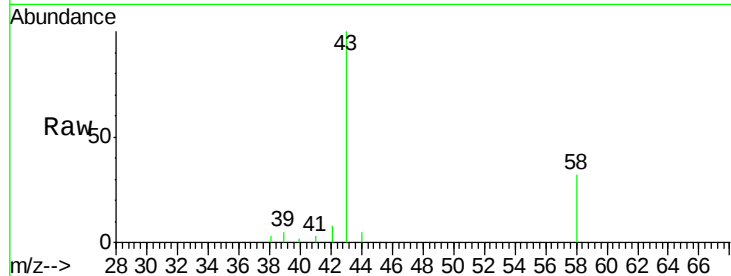
S49-0564

Tot Ion: 43 Resp: 17365

Ion Ratio Lower Upper

43 100

58 32.2 27.8 41.8



#25

2-Butanone

Concen: 128.018 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061950.D

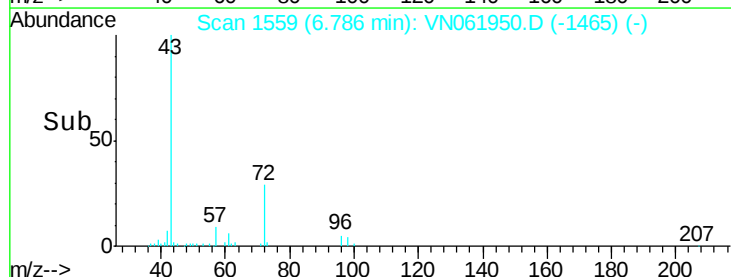
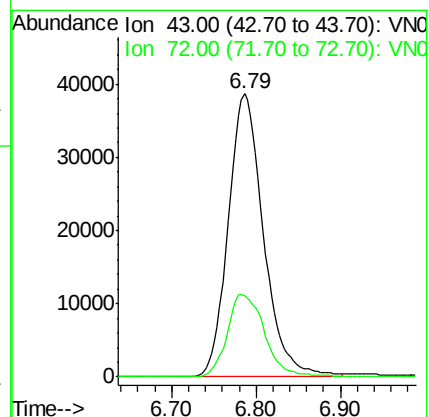
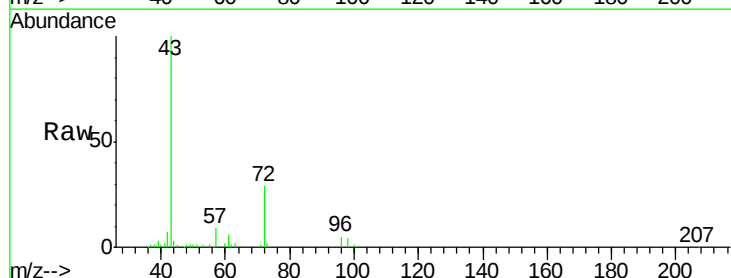
Acq: 19 Jun 2020 14:25

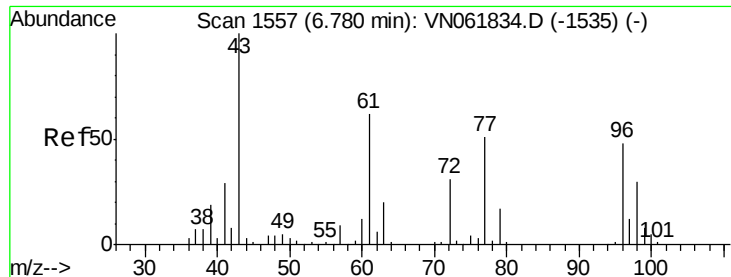
Tgt Ion: 43 Resp: 112529

Ion Ratio Lower Upper

43 100

72 28.6 24.6 37.0





#27

cis-1,2-Dichloroethene

Concen: 3.217 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

S49-0564

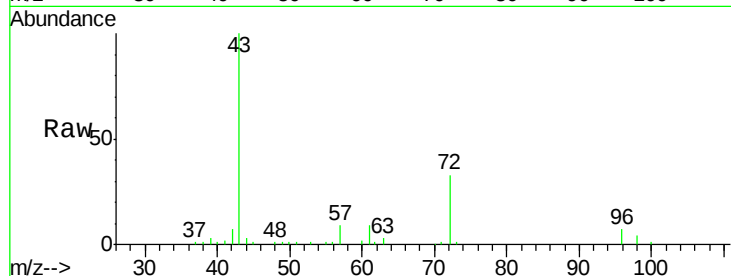
Tot Ion: 96 Resp: 6589

Ion Ratio Lower Upper

96 100

61 120.6 0.0 265.6

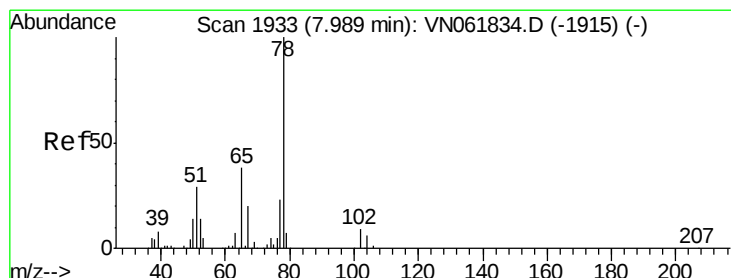
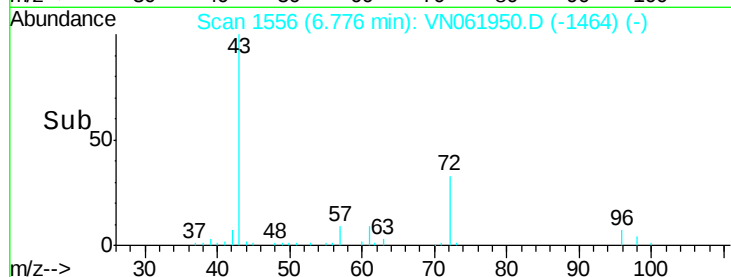
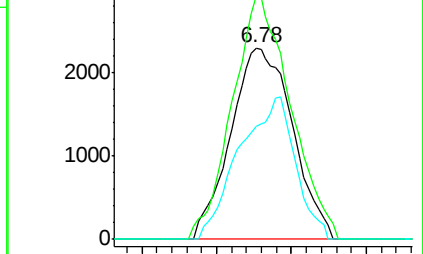
98 67.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.496 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061950.D

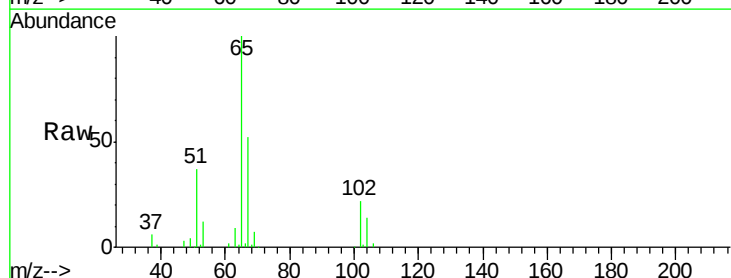
Acq: 19 Jun 2020 14:25

Tgt Ion: 65 Resp: 100955

Ion Ratio Lower Upper

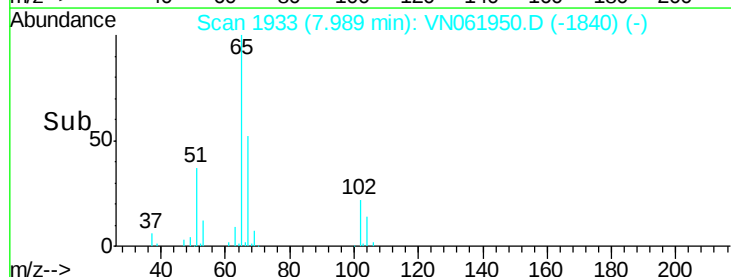
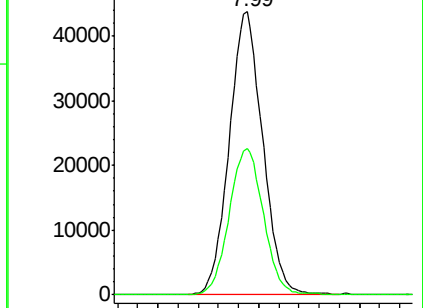
65 100

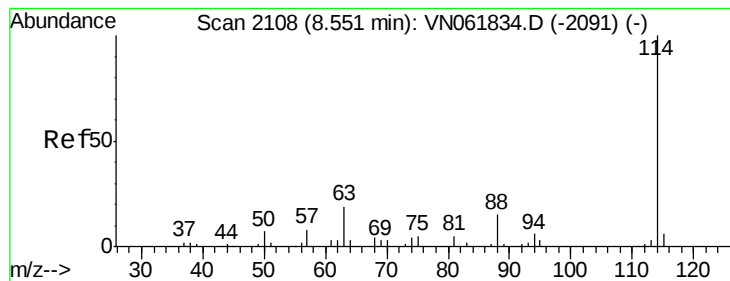
67 52.7 0.0 106.2



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

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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

S49-0564

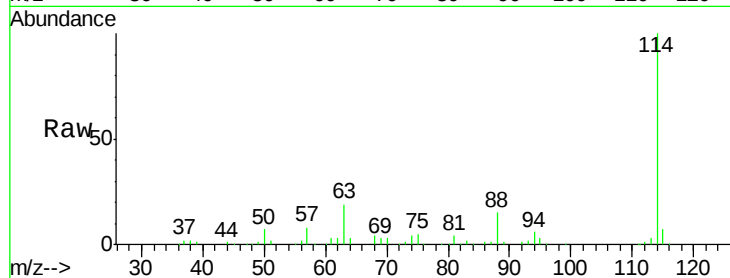
Tot Ion:114 Resp: 276099

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.6

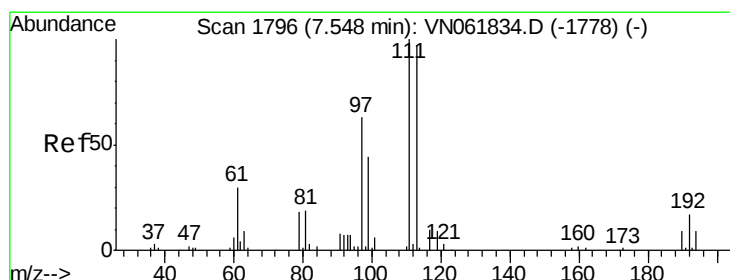
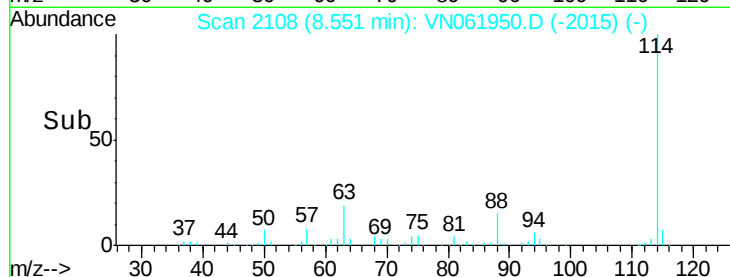
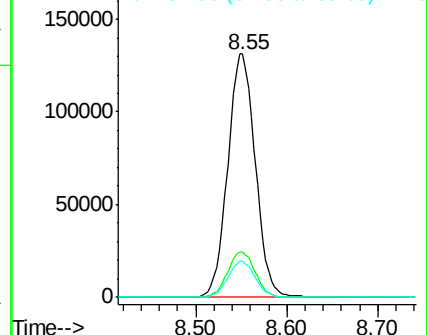
88 14.9 0.0 31.0



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: 49.753 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

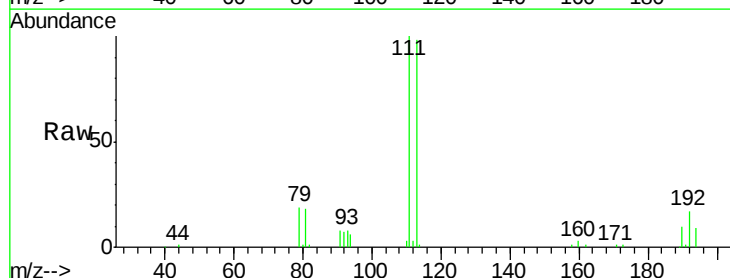
Tgt Ion:113 Resp: 87881

Ion Ratio Lower Upper

113 100

111 102.1 83.7 125.5

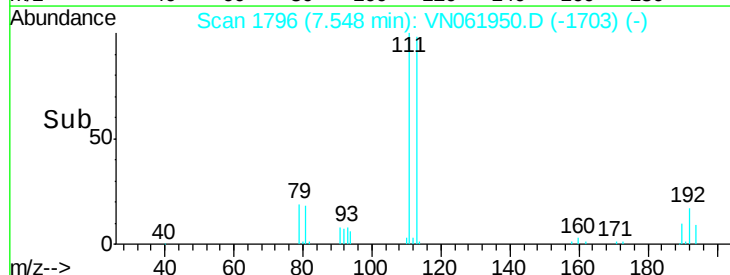
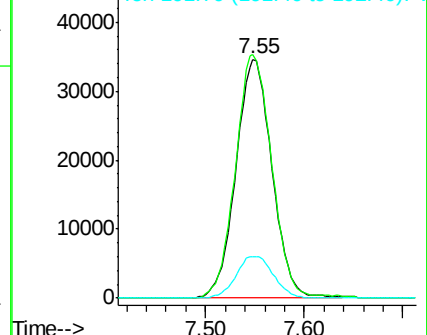
192 18.0 13.9 20.9

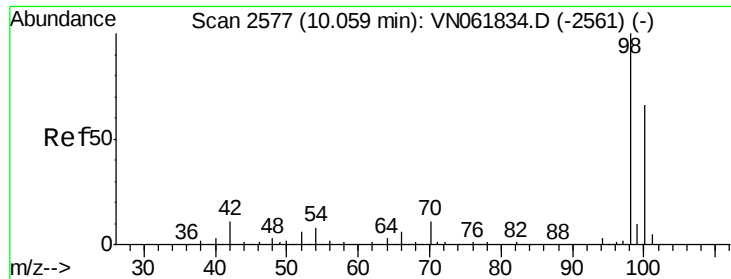


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.579 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

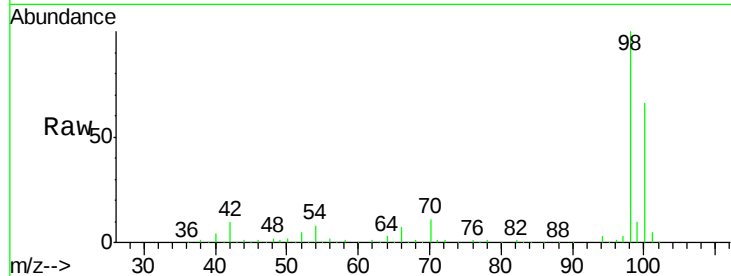
S49-0564

Tot Ion: 98 Resp: 344283

Ion Ratio Lower Upper

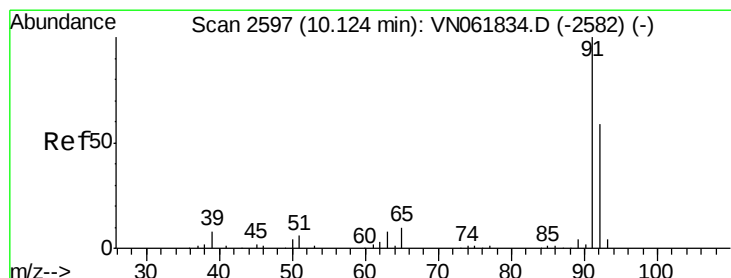
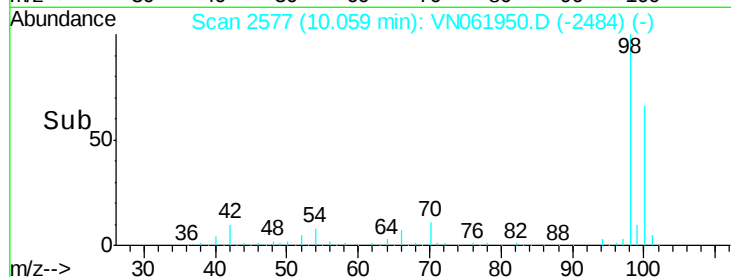
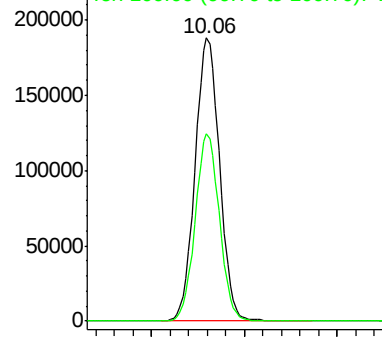
98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.652 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN061950.D

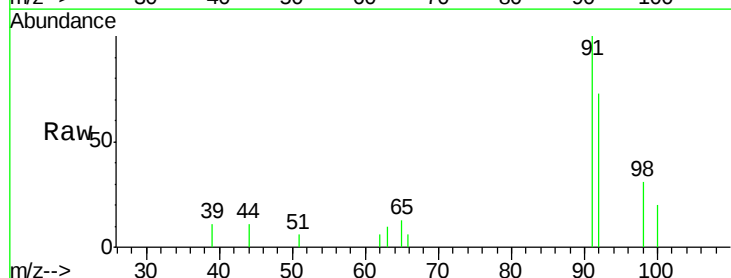
Acq: 19 Jun 2020 14:25

Tgt Ion: 92 Resp: 3124

Ion Ratio Lower Upper

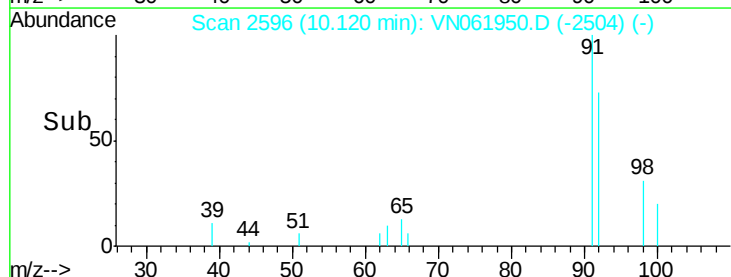
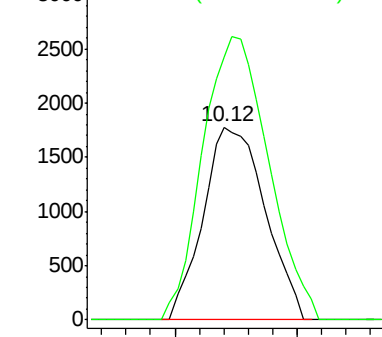
92 100

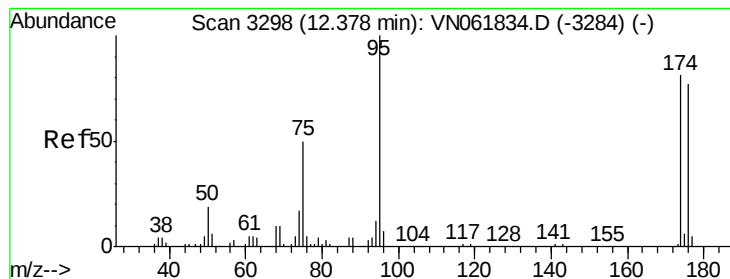
91 157.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.956 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

S49-0564

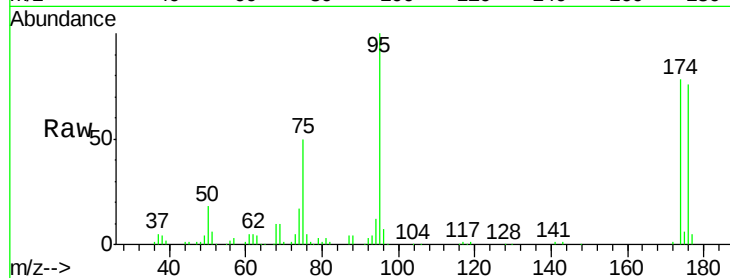
Tot Ion: 95 Resp: 114230

Ion Ratio Lower Upper

95 100

174 78.3 0.0 158.6

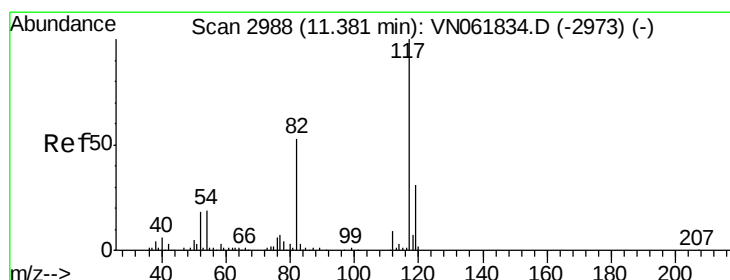
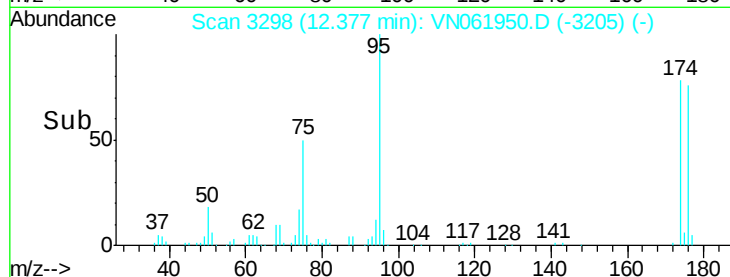
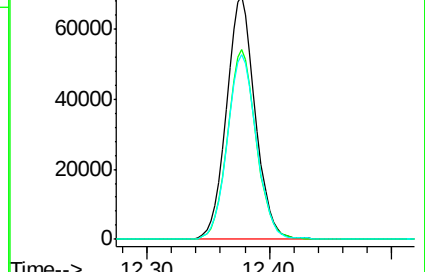
176 77.3 0.0 152.0



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: VN061950.D

Acq: 19 Jun 2020 14:25

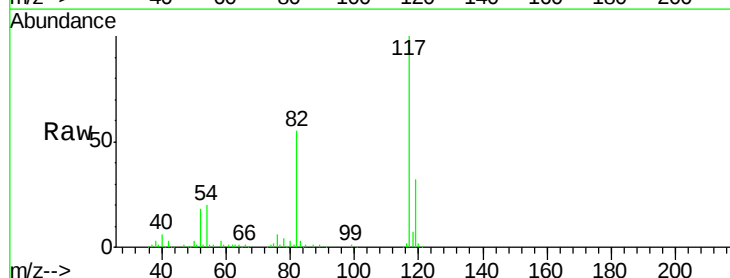
Tgt Ion: 117 Resp: 266200

Ion Ratio Lower Upper

117 100

82 54.5 42.6 64.0

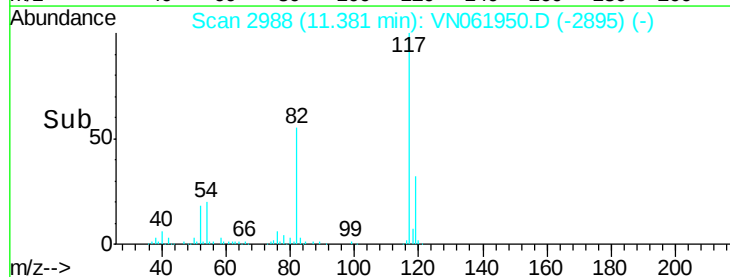
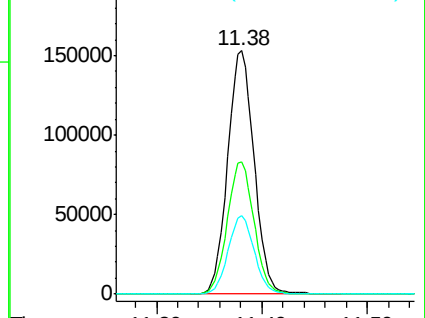
119 32.0 24.7 37.1

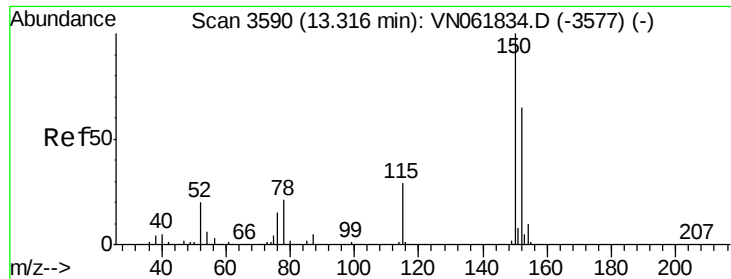


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

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: VN061950.D

Acq: 19 Jun 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

S49-0564

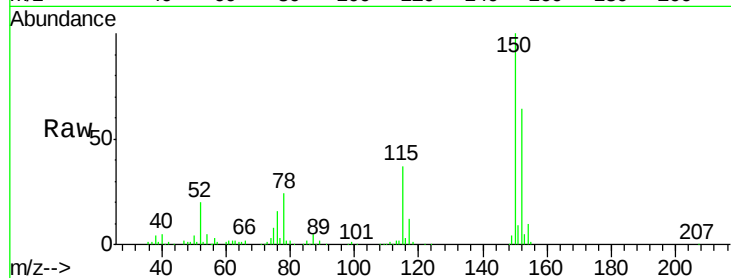
Tot Ion:152 Resp: 105007

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

150 159.5 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

