

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061859.D
 Acq On : 17 Jun 2020 19:27
 Operator : JC/MD
 Sample : L3003-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0568

Quant Time: Jun 18 06:31:24 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

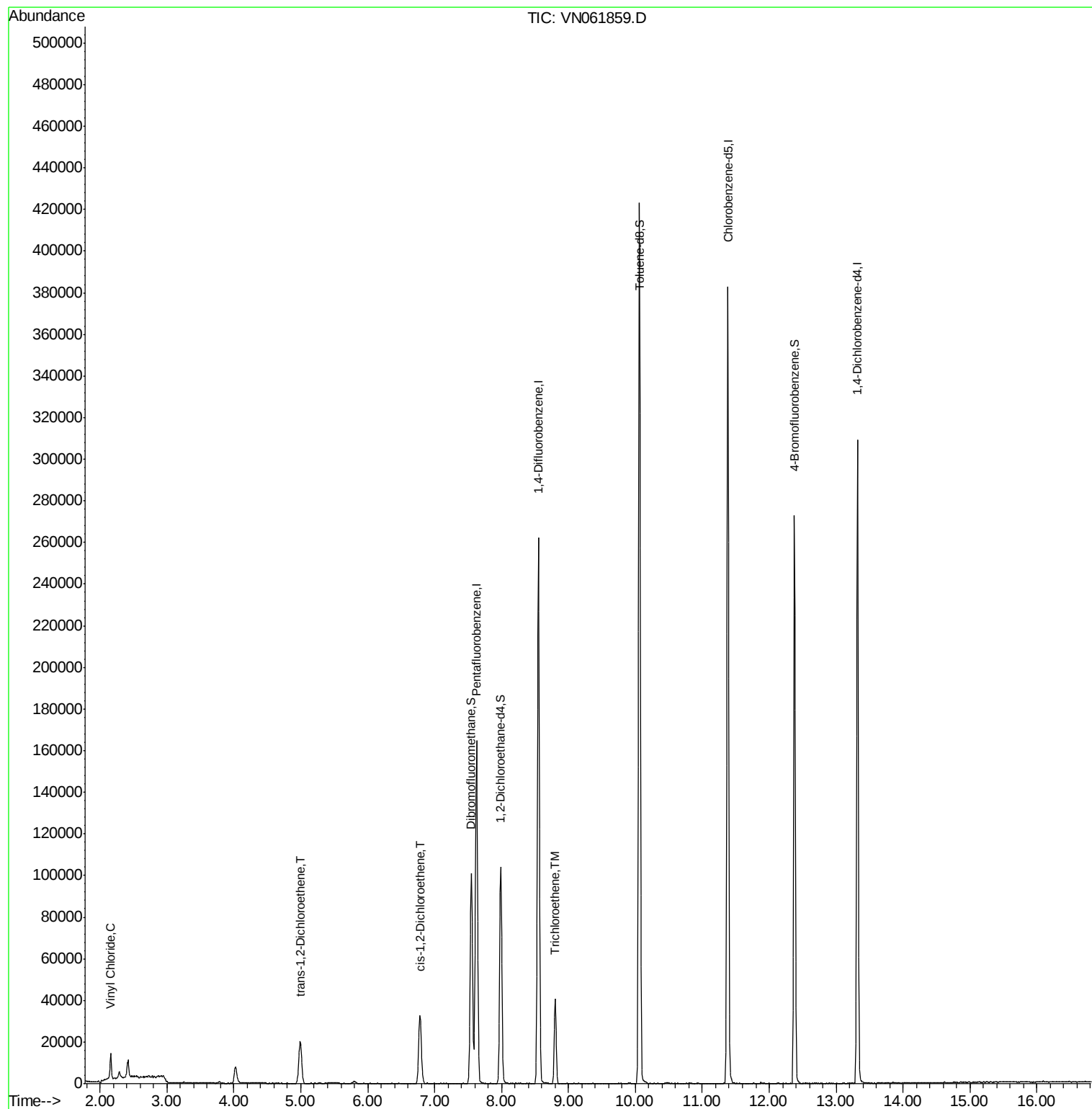
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	134414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89334	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.55	113	79169	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.06	98	301482	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.38	95	96071	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
4) Vinyl Chloride	2.16	62	10068	4.527	ug/l	95
21) trans-1,2-Dichloroethene	5.00	96	14376	9.164	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	23514	12.991	ug/l	89
44) Trichloroethene	8.80	130	15326	8.554	ug/l	94

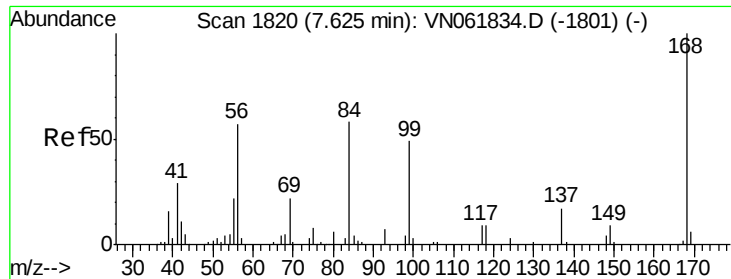
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
Data File : VN061859.D
Acq On : 17 Jun 2020 19:27
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Quant Title : SW846 8260
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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: VN061859.D

Acq: 17 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

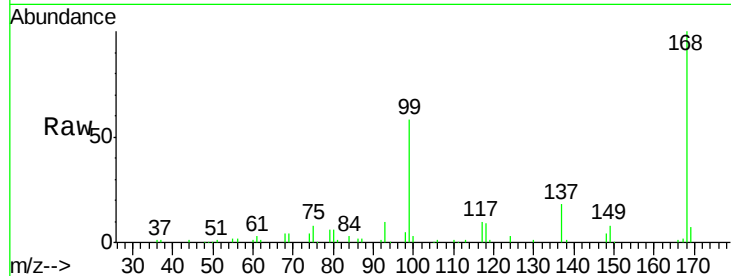
S49-0568

Tot Ion:168 Resp: 134414

Ion Ratio Lower Upper

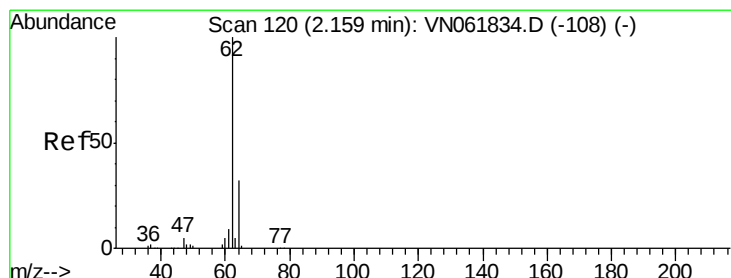
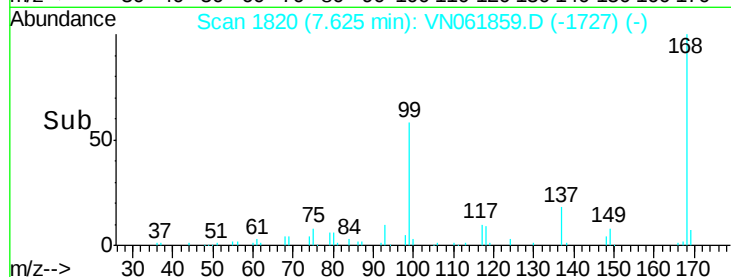
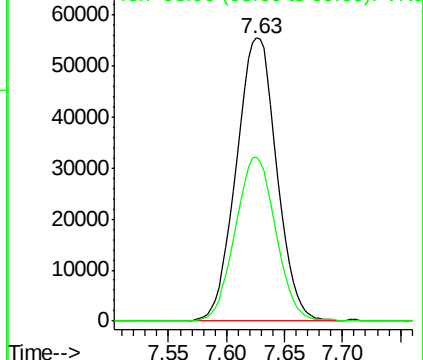
168 100

99 57.9 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: 4.527 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061859.D

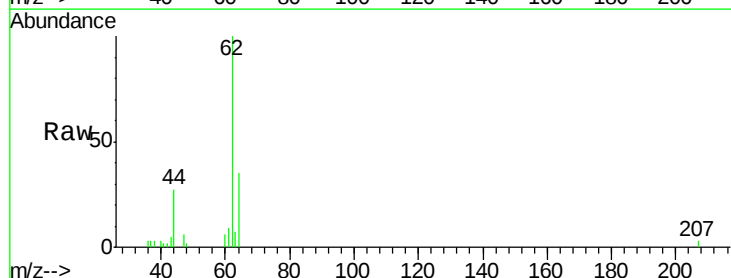
Acq: 17 Jun 2020 19:27

Tgt Ion: 62 Resp: 10068

Ion Ratio Lower Upper

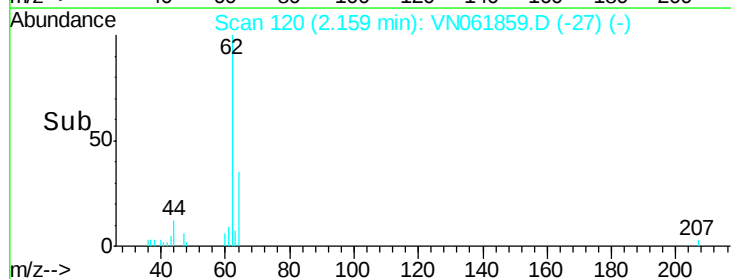
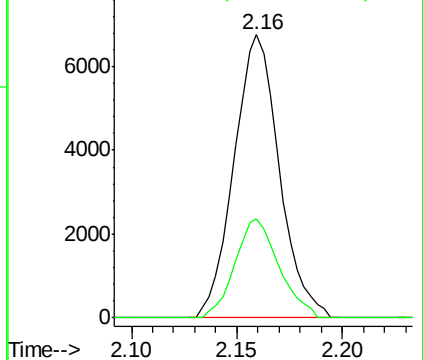
62 100

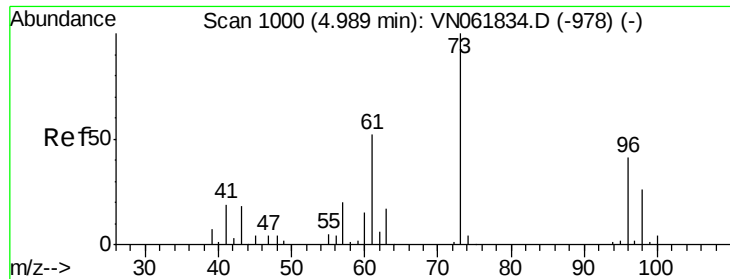
64 34.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

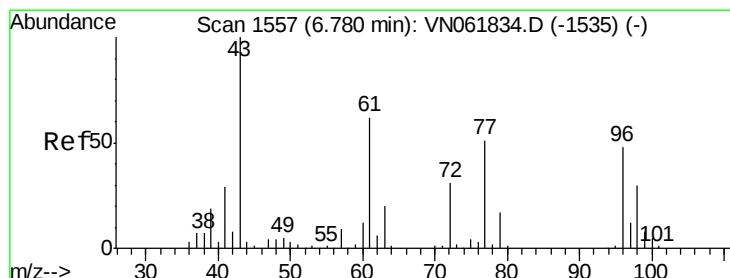
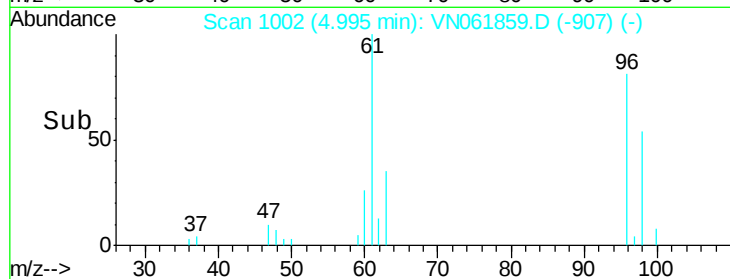
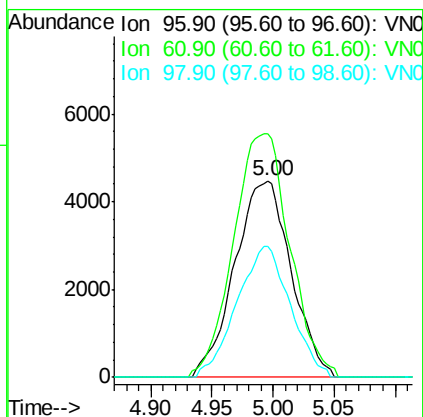
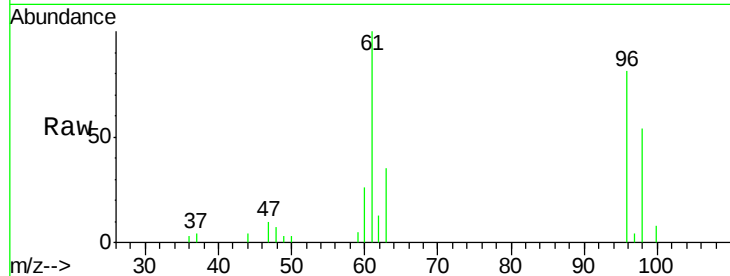




#21
trans-1,2-Dichloroethene
Concen: 9.164 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061859.D
Acq: 17 Jun 2020 19:27

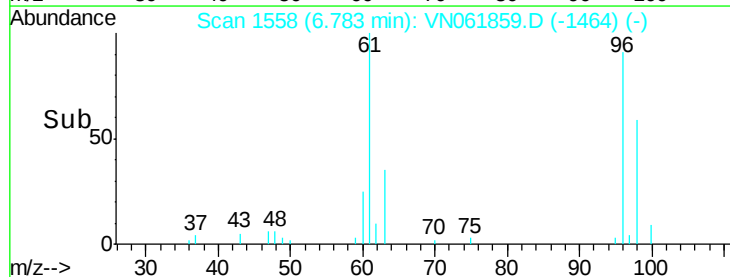
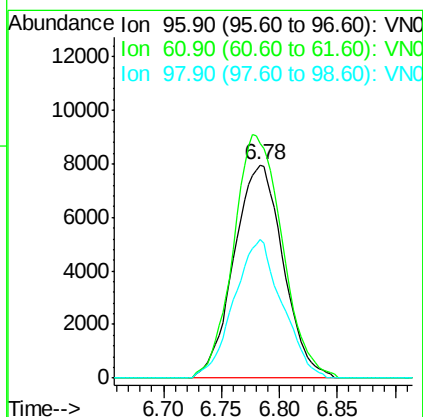
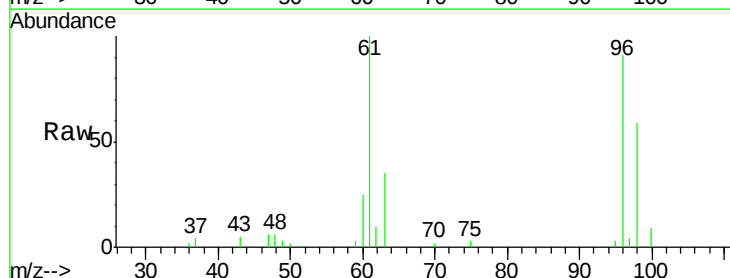
Instrument :
MSVOA_N
ClientSampleId :
S49-0568

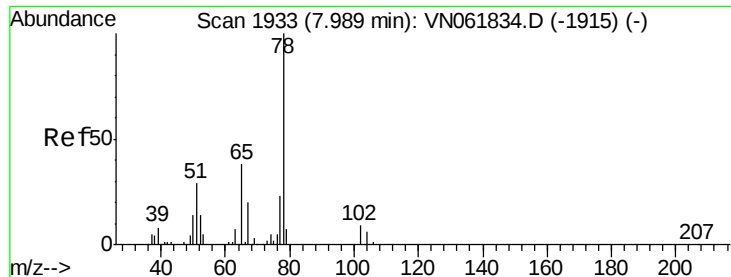
Tot Ion: 96 Resp: 14376
Ion Ratio Lower Upper
96 100
61 123.6 102.2 153.4
98 66.6 51.2 76.8



#27
cis-1,2-Dichloroethene
Concen: 12.991 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061859.D
Acq: 17 Jun 2020 19:27

Tgt Ion: 96 Resp: 23514
Ion Ratio Lower Upper
96 100
61 113.3 0.0 265.6
98 63.6 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 49.556 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061859.D

Acq: 17 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

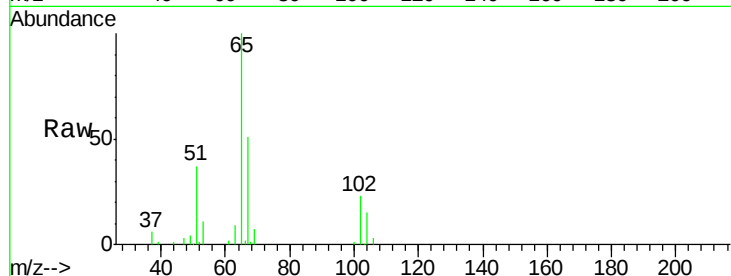
S49-0568

Tot Ion: 65 Resp: 89334

Ion Ratio Lower Upper

65 100

67 51.8 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

40000

30000

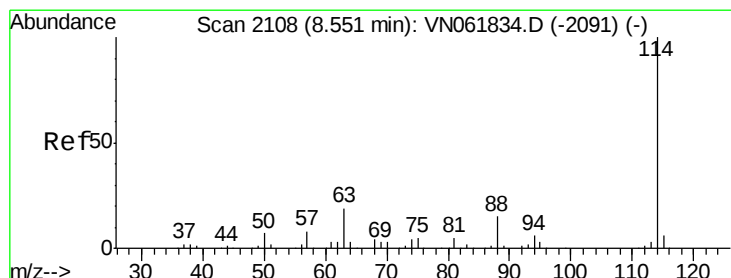
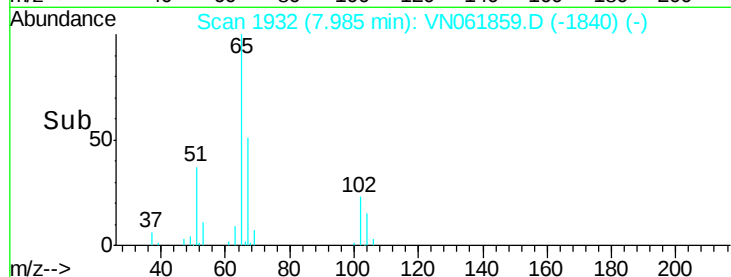
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061859.D

Acq: 17 Jun 2020 19:27

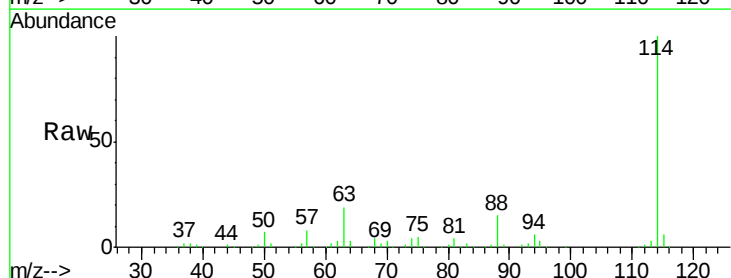
Tgt Ion: 114 Resp: 246388

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 14.7 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

150000

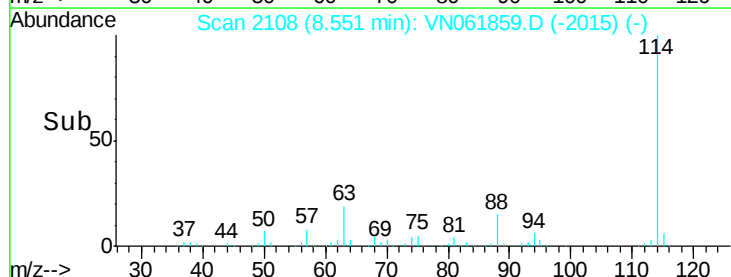
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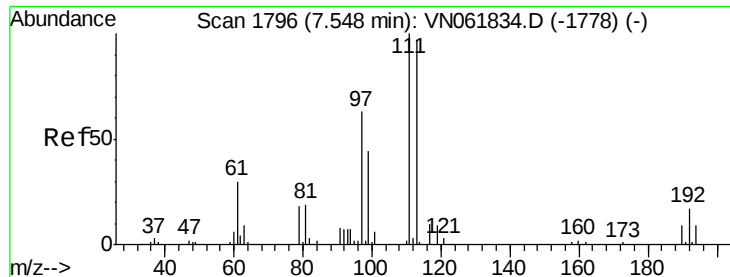
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

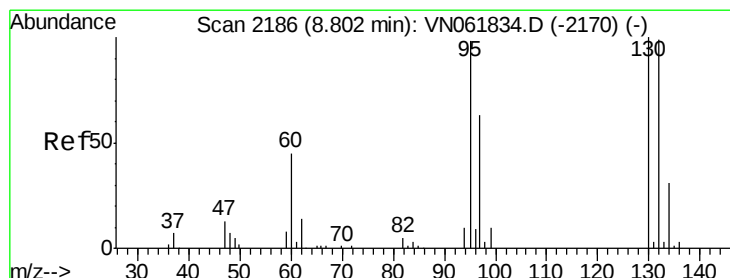
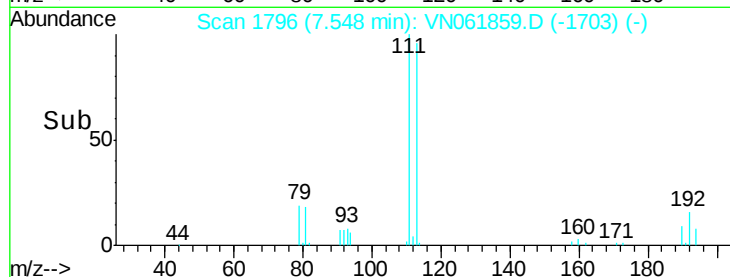
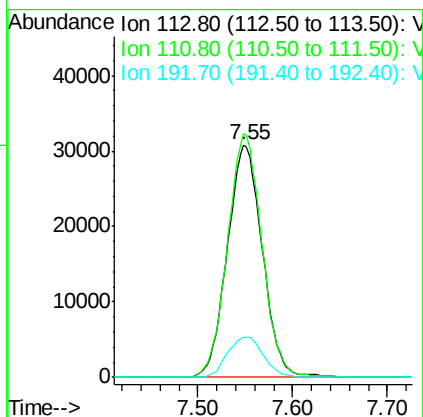
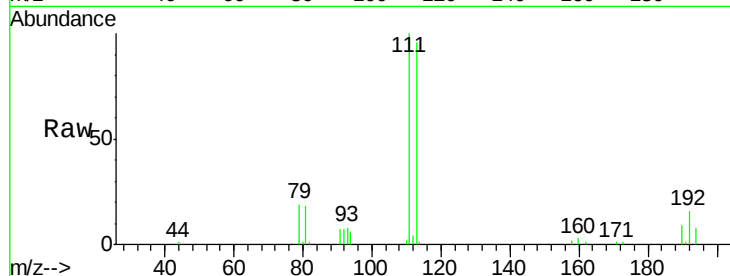




#35
 Dibromofluoromethane
 Concen: 50.226 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061859.D
 Acq: 17 Jun 2020 19:27

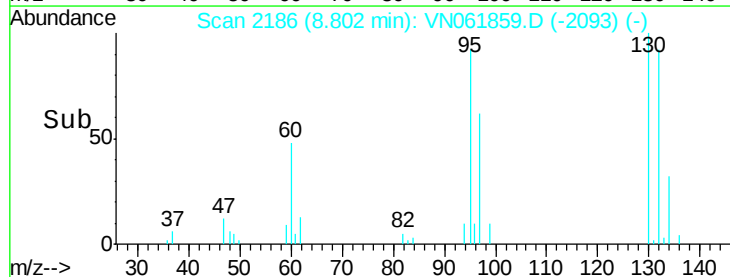
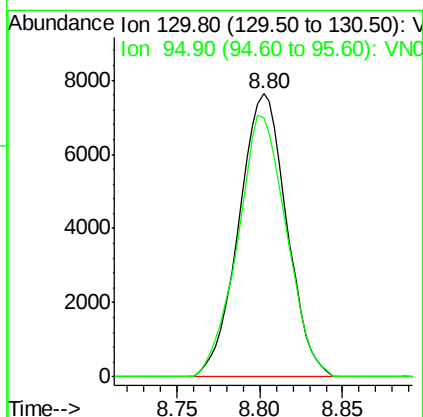
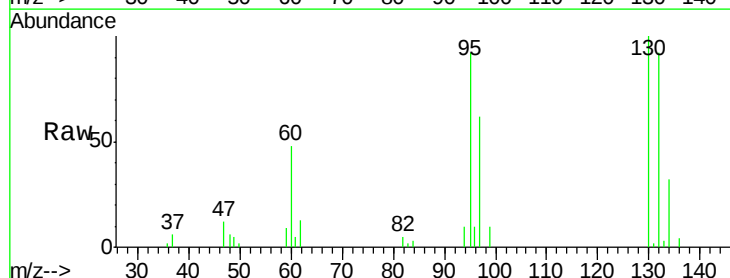
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0568

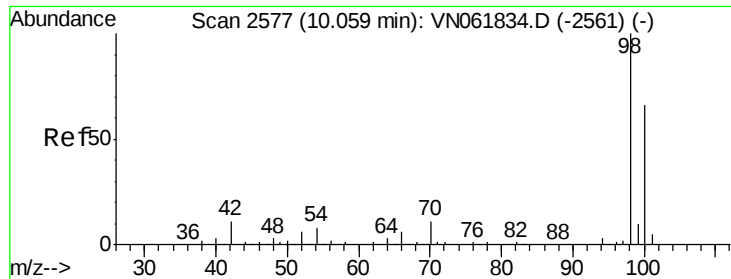
Tot Ion:113 Resp: 79169
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.7 125.5
 192 17.6 13.9 20.9



#44
 Trichloroethene
 Concen: 8.554 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061859.D
 Acq: 17 Jun 2020 19:27

Tgt Ion:130 Resp: 15326
 Ion Ratio Lower Upper
 130 100
 95 91.5 0.0 195.6





#50

Toluene-d8

Concen: 48.650 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061859.D

Acq: 17 Jun 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

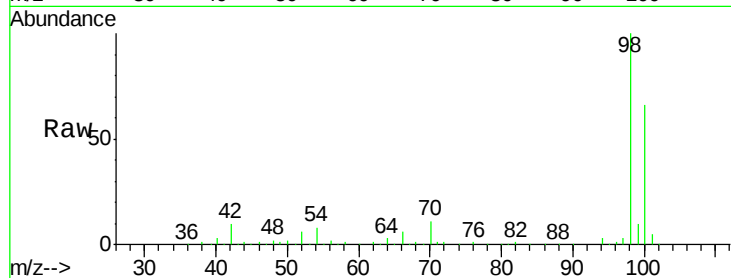
S49-0568

Tot Ion: 98 Resp: 301482

Ion Ratio Lower Upper

98 100

100 65.8 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

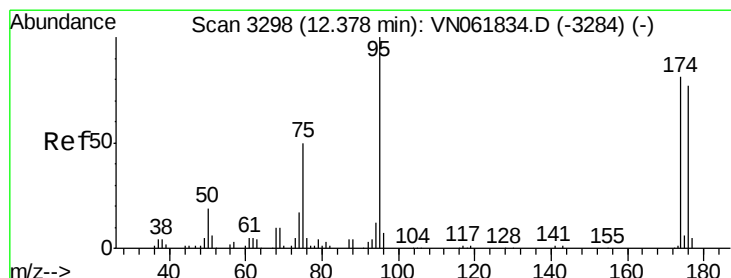
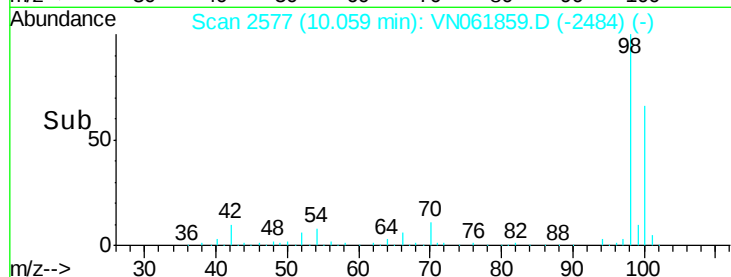
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.196 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061859.D

Acq: 17 Jun 2020 19:27

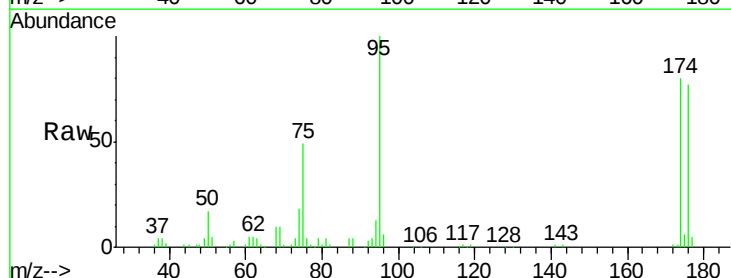
Tgt Ion: 95 Resp: 96071

Ion Ratio Lower Upper

95 100

174 80.5 0.0 158.6

176 75.5 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) (-)

12.38

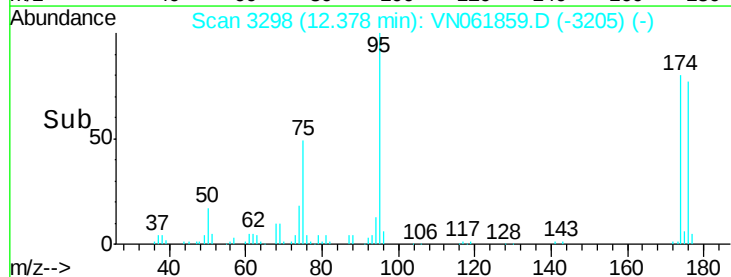
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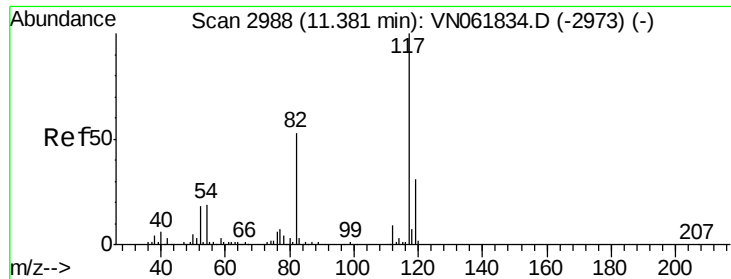
40000

20000

0

Time-->

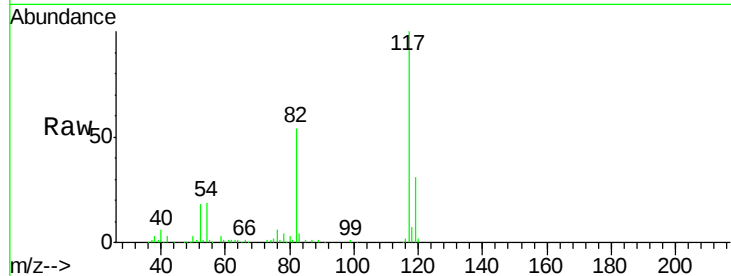




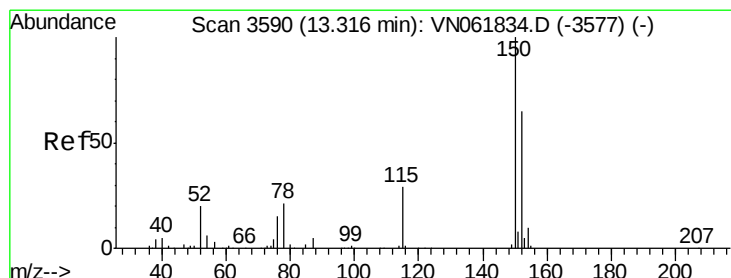
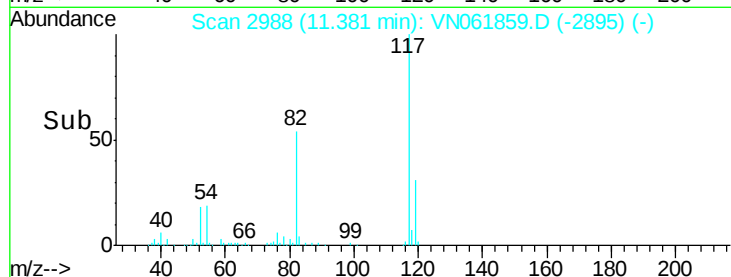
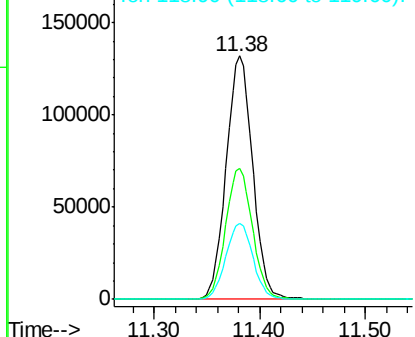
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061859.D
Acq: 17 Jun 2020 19:27

Instrument :
MSVOA_N
ClientSampleId :
S49-0568

Tot Ion:117 Resp: 229506
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 31.4 24.7 37.1

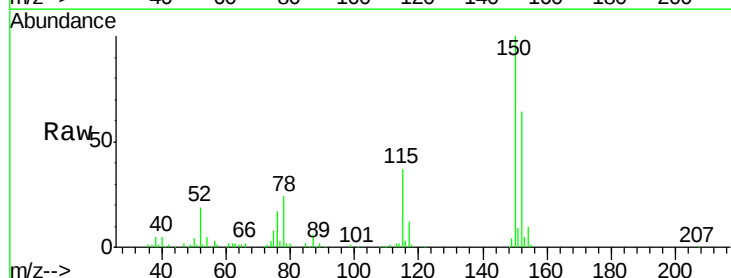


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061859.D
Acq: 17 Jun 2020 19:27

Tgt Ion:152 Resp: 85349
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 158.1 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

