

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061874.D
 Acq On : 18 Jun 2020 2:17
 Operator : JC/MD
 Sample : L3011-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D2-20200611

Quant Time: Jun 18 14:00:02 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

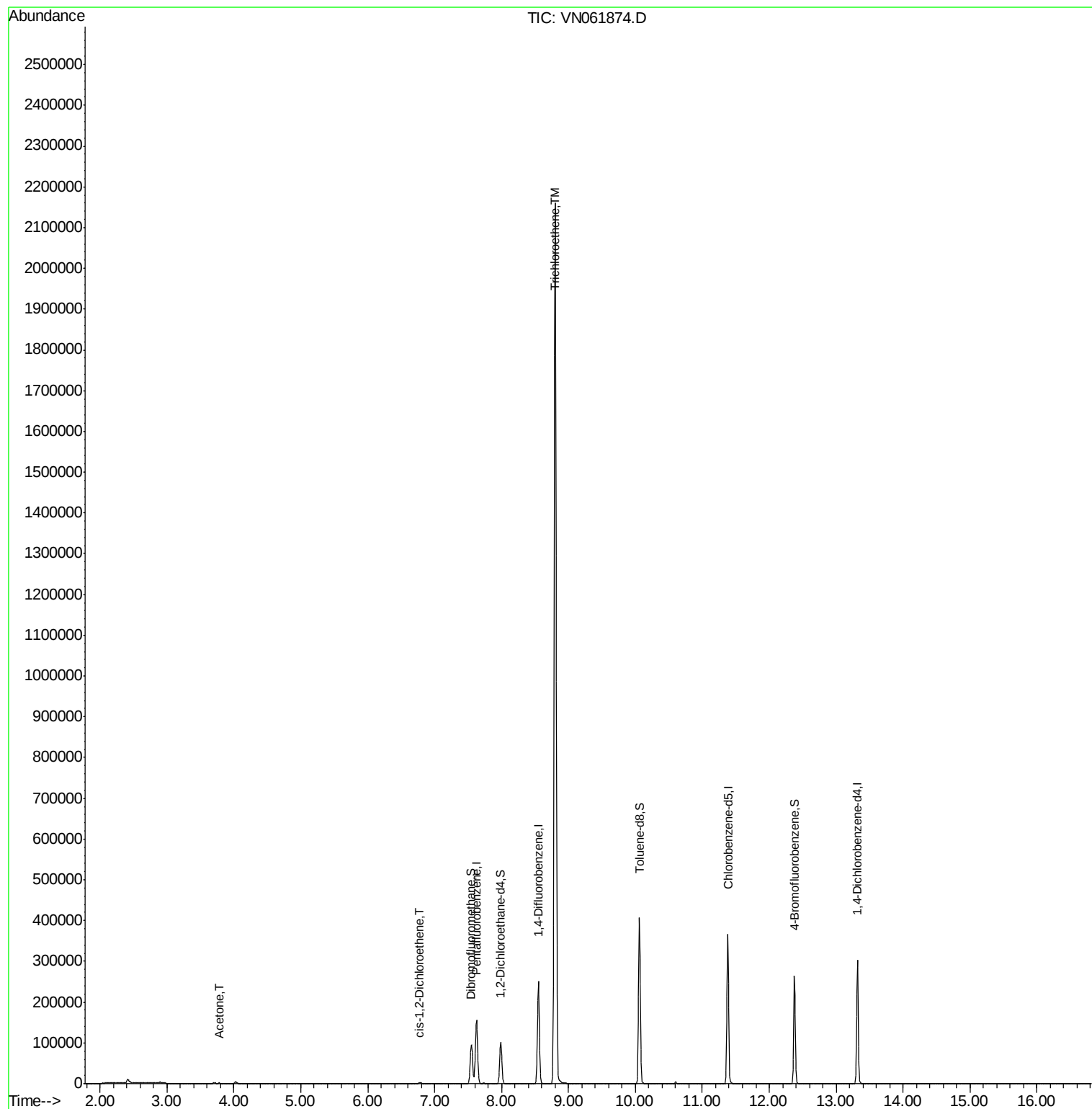
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	127944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	231971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	223471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85601	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
35) Dibromofluoromethane	7.55	113	76046	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
50) Toluene-d8	10.06	98	293434	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.38	95	93464	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
16) Acetone	3.78	43	2457	4.848	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	2327	1.351	ug/l	87
44) Trichloroethene	8.80	130	813931	482.536	ug/l	100

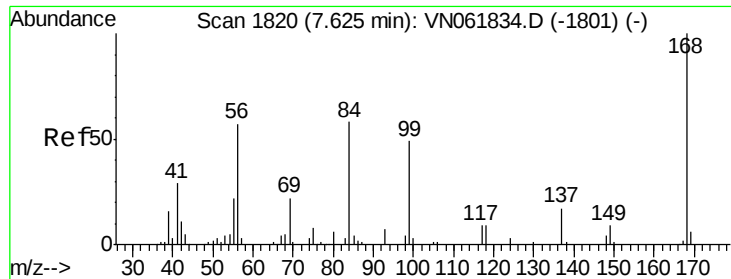
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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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: VN061874.D

Acq: 18 Jun 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

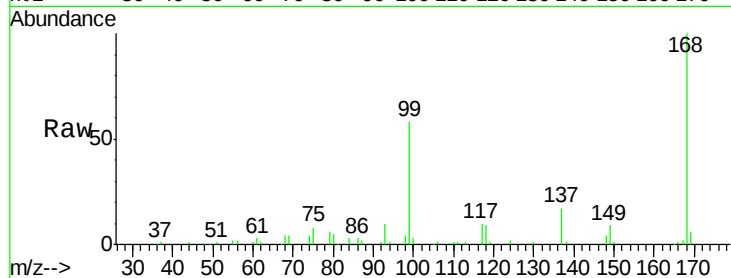
RE126D2-20200611

Tot Ion:168 Resp: 127944

Ion Ratio Lower Upper

168 100

99 57.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

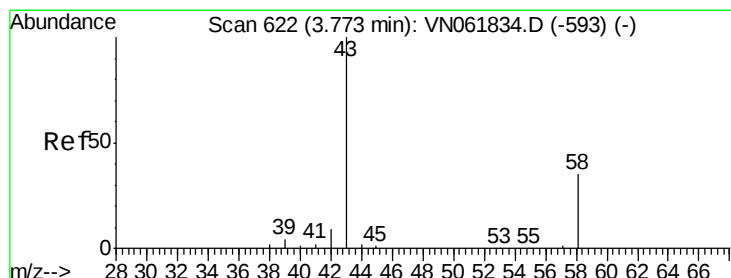
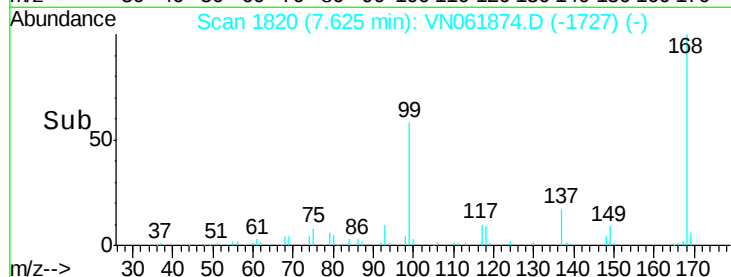
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.848 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061874.D

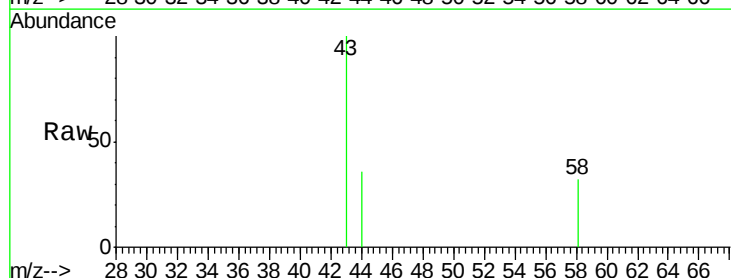
Acq: 18 Jun 2020 2:17

Tgt Ion: 43 Resp: 2457

Ion Ratio Lower Upper

43 100

58 32.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

1000

800

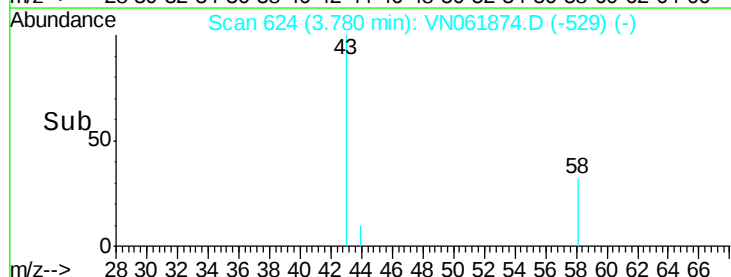
600

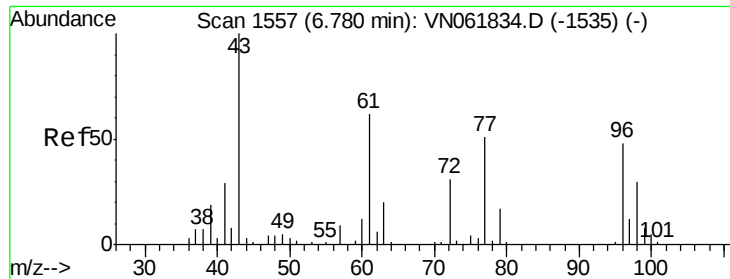
400

200

0

Time--> 3.70 3.75 3.80 3.85





#27

cis-1,2-Dichloroethene

Concen: 1.351 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061874.D

Acq: 18 Jun 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

RE126D2-20200611

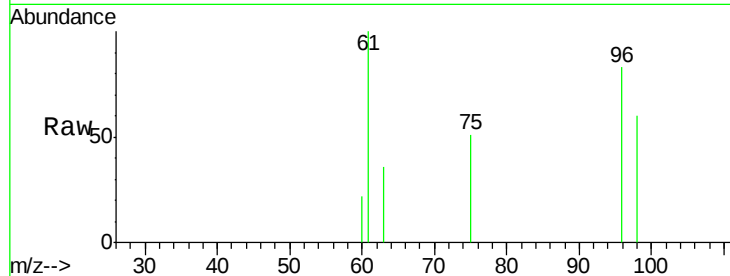
Tot Ion: 96 Resp: 2327

Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	265.6
98	60.3	0.0	128.2

96 100

61 112.8 0.0 265.6

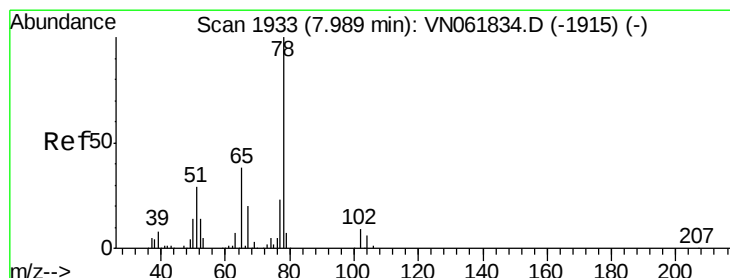
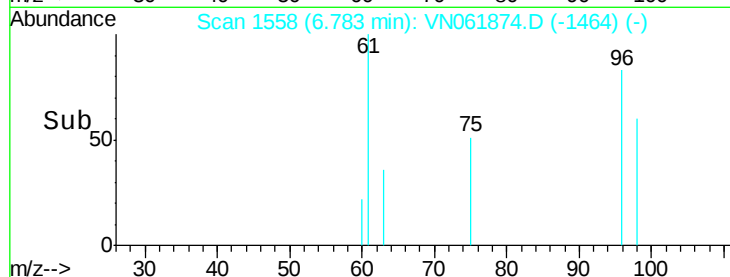
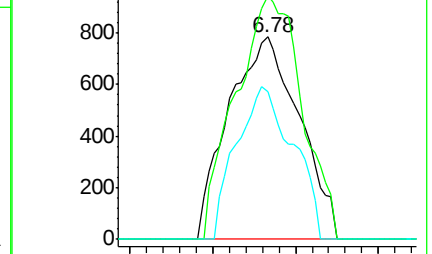
98 60.3 0.0 128.2



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: 49.886 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061874.D

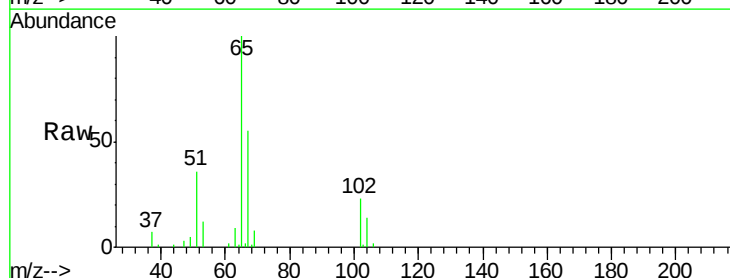
Acq: 18 Jun 2020 2:17

Tgt Ion: 65 Resp: 85601

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2

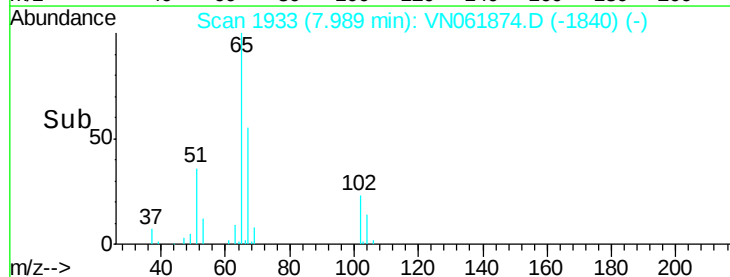
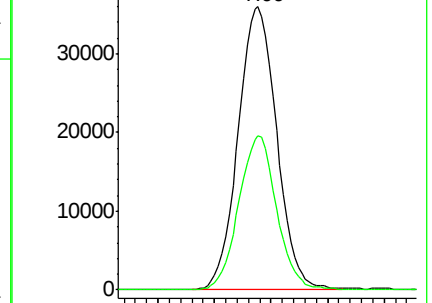
65 100

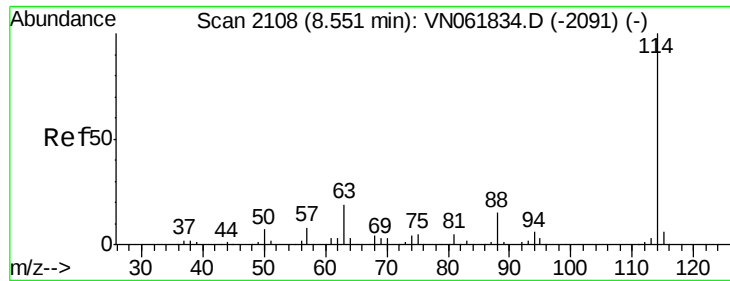
67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061874.D

Acq: 18 Jun 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

RE126D2-20200611

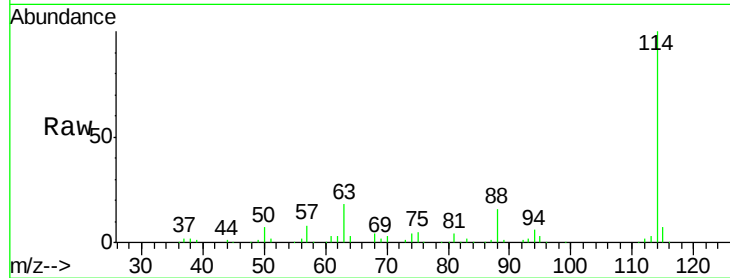
Tot Ion:114 Resp: 231971

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.6

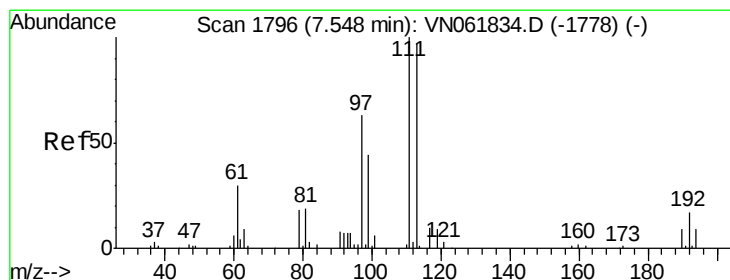
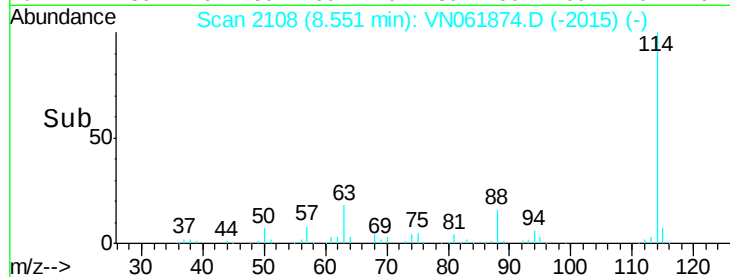
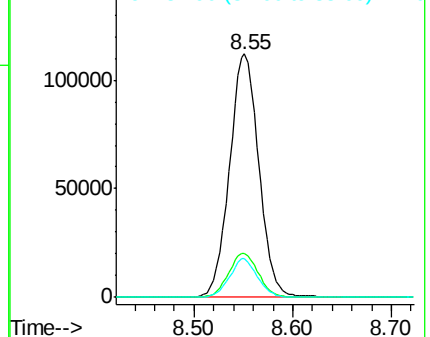
88 15.7 0.0 31.0



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: 51.243 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061874.D

Acq: 18 Jun 2020 2:17

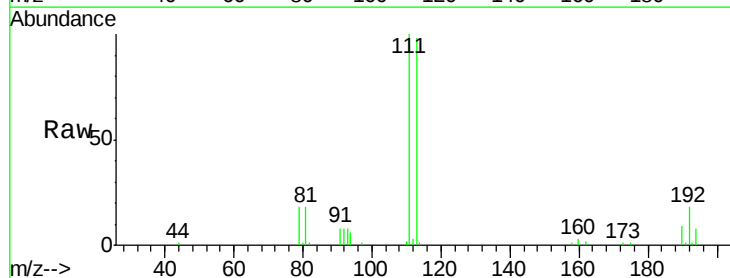
Tgt Ion:113 Resp: 76046

Ion Ratio Lower Upper

113 100

111 100.8 83.7 125.5

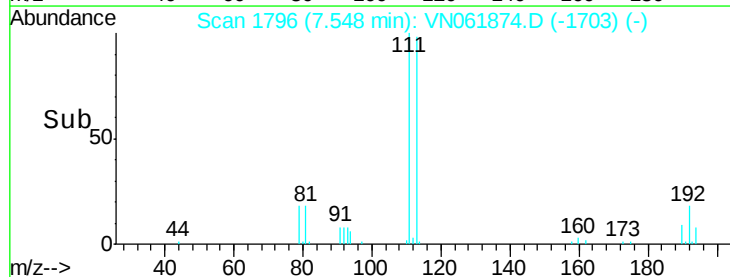
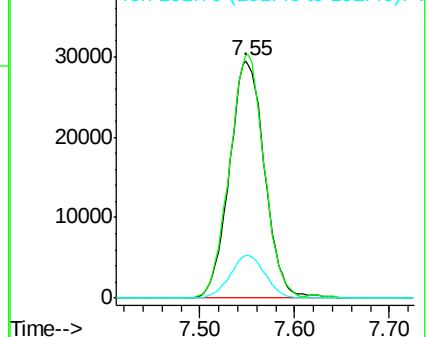
192 17.8 13.9 20.9

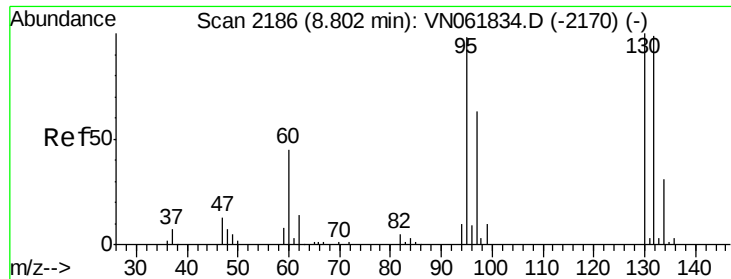


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 482.536 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061874.D

Acq: 18 Jun 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

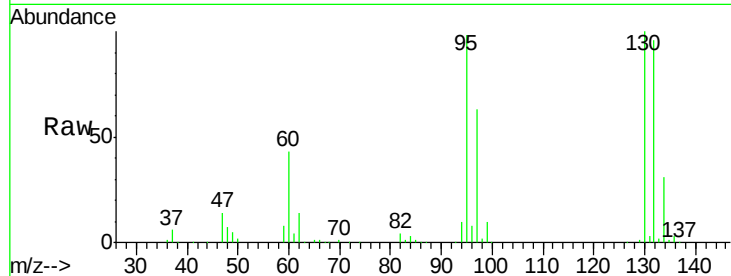
RE126D2-20200611

Tot Ion:130 Resp: 813931

Ion Ratio Lower Upper

130 100

95 97.8 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

400000

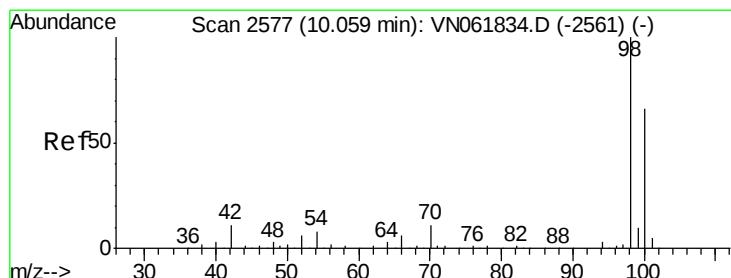
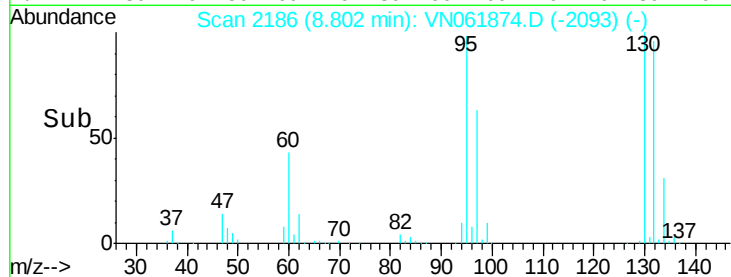
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 50.294 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061874.D

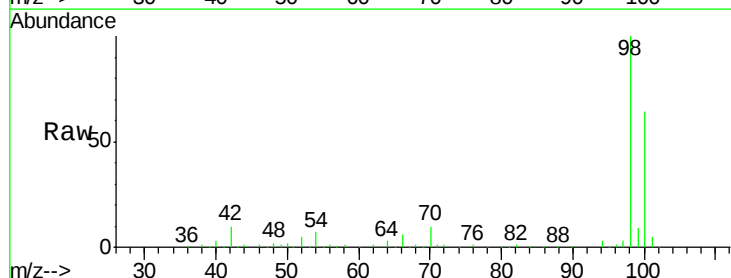
Acq: 18 Jun 2020 2:17

Tgt Ion: 98 Resp: 293434

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

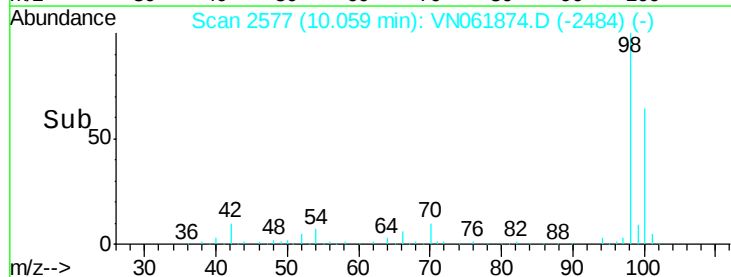
150000

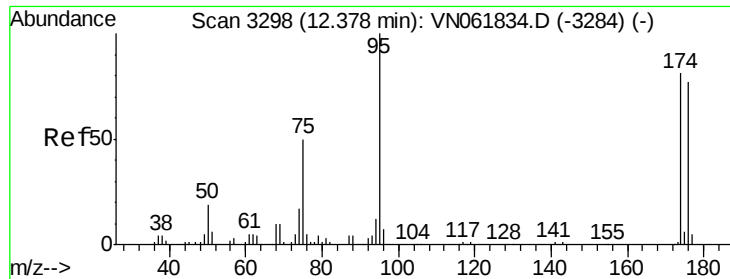
100000

50000

0

Time-->

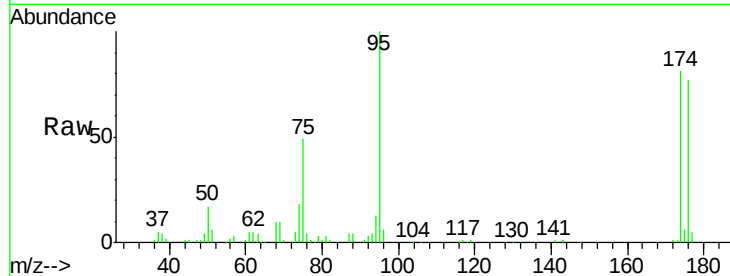




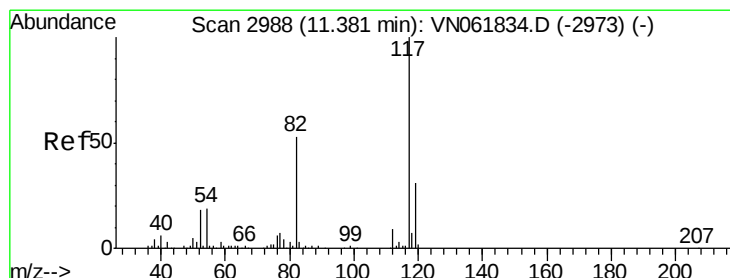
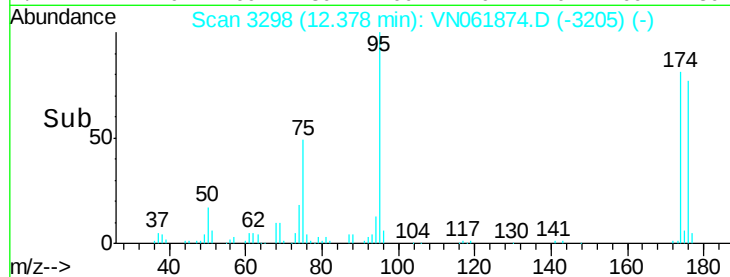
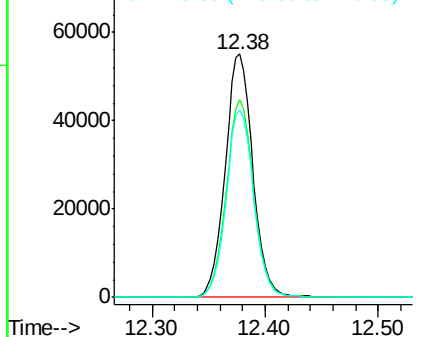
#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061874.D
Acq: 18 Jun 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20200611

Tot Ion: 95 Resp: 93464
Ion Ratio Lower Upper
95 100
174 80.7 0.0 158.6
176 76.8 0.0 152.0

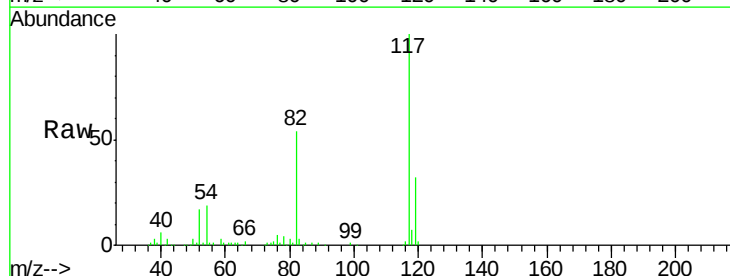


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

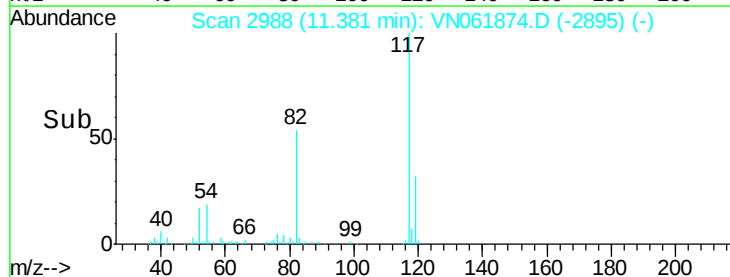
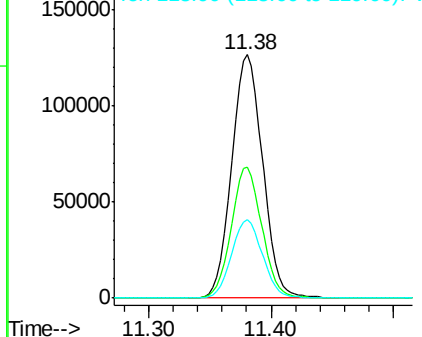


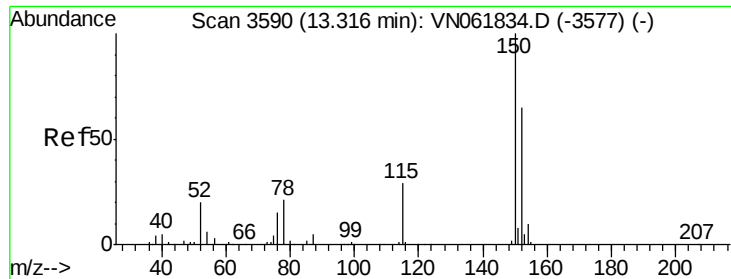
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061874.D
Acq: 18 Jun 2020 2:17

Tgt Ion: 117 Resp: 223471
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.1 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: VN061874.D

Acq: 18 Jun 2020 2:17

Instrument :

MSVOA_N

ClientSampleId :

RE126D2-20200611

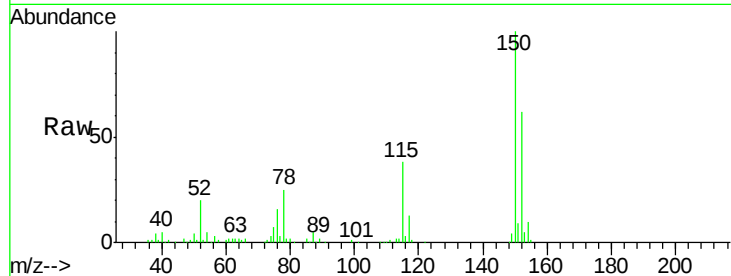
Tot Ion:152 Resp: 81776

Ion Ratio Lower Upper

152 100

115 60.4 29.1 87.3

150 161.4 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

