

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061873.D
 Acq On : 18 Jun 2020 1:52
 Operator : JC/MD
 Sample : L3011-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20200611

Quant Time: Jun 18 06:59:08 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

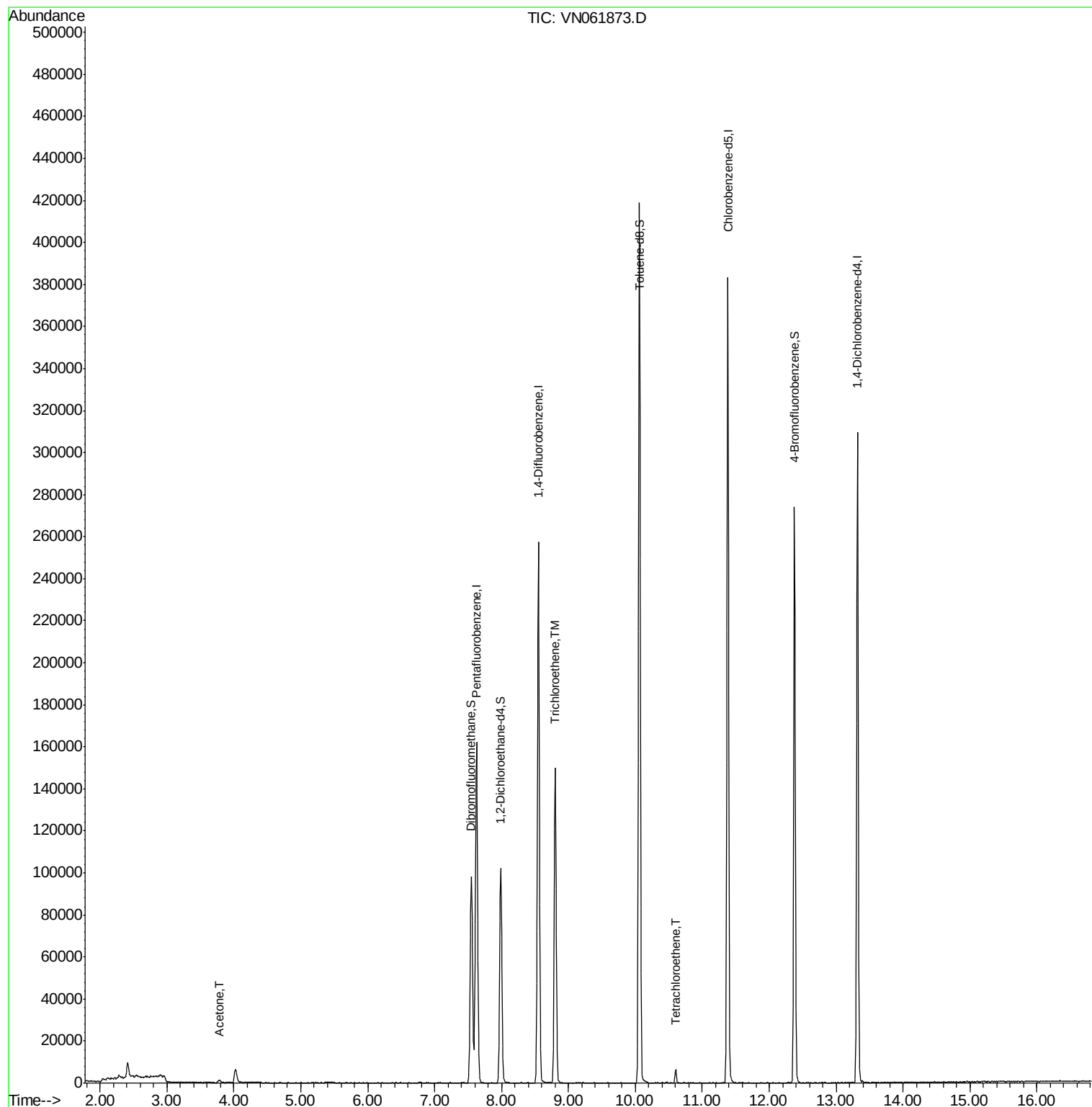
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	131607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	241042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	227383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86284	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.55	113	77639	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.06	98	296891	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.38	95	95945	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	3.79	43	2318	4.446	ug/l	96
44) Trichloroethene	8.80	130	57958	33.067	ug/l	95
64) Tetrachloroethene	10.60	164	1417	0.978	ug/l #	85

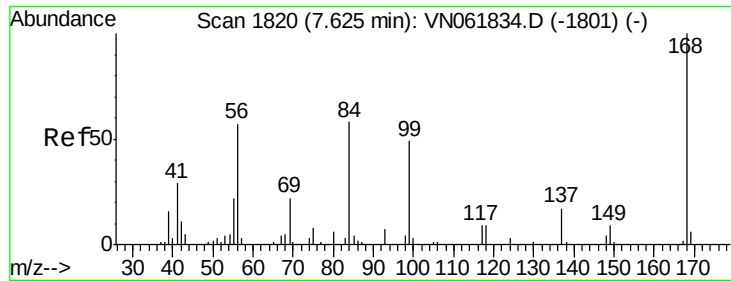
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 18 Jun 2020 1:52

Instrument :

MSVOA_N

ClientSampleId :

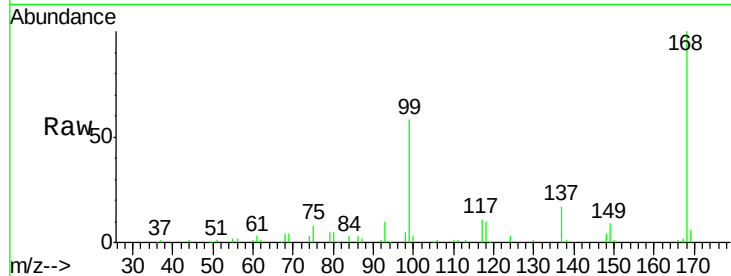
RE126D1-20200611

Tot Ion:168 Resp: 131607

Ion Ratio Lower Upper

168 100

99 57.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

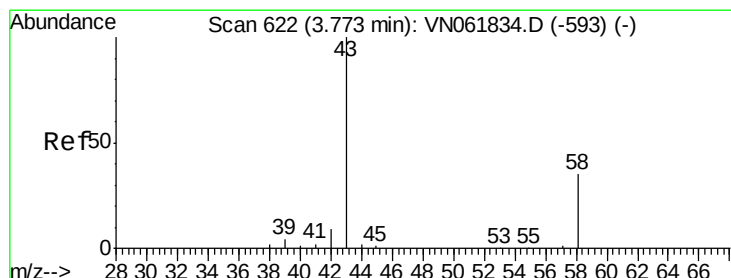
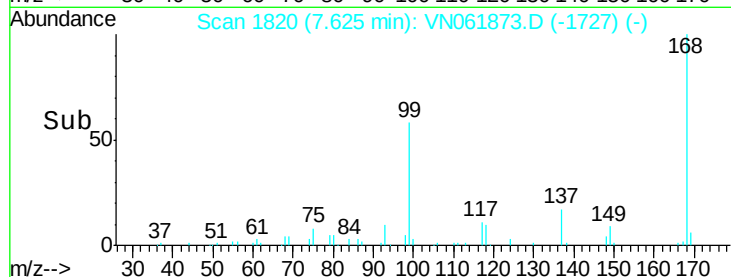
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.446 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061873.D

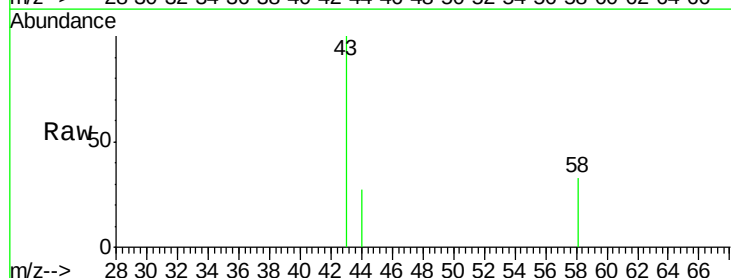
Acq: 18 Jun 2020 1:52

Tgt Ion: 43 Resp: 2318

Ion Ratio Lower Upper

43 100

58 32.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

800

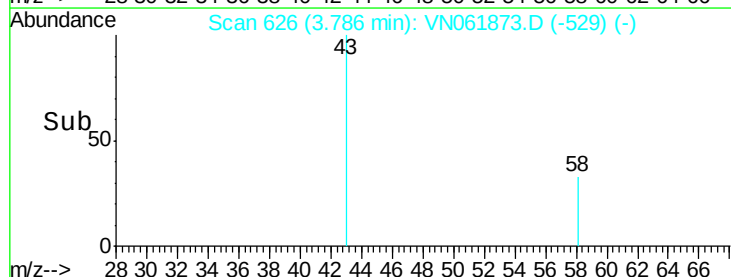
600

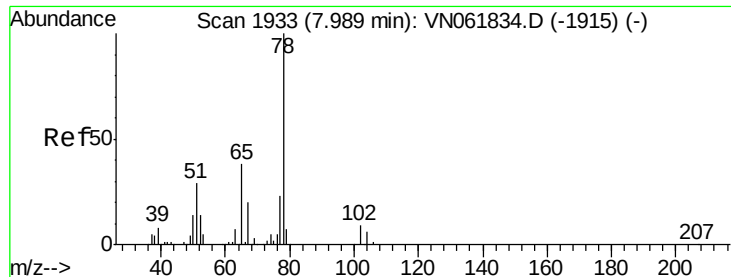
400

200

0

Time--> 3.75 3.80 3.85

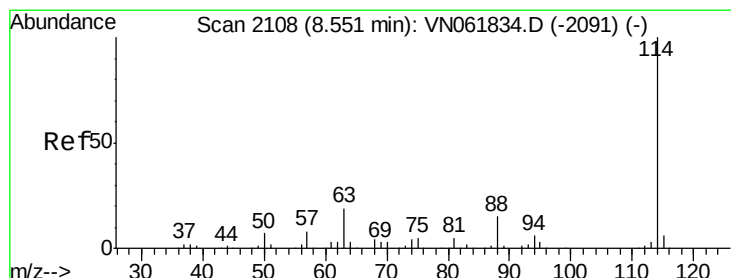
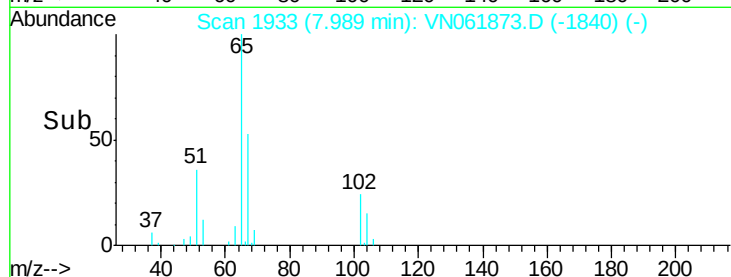
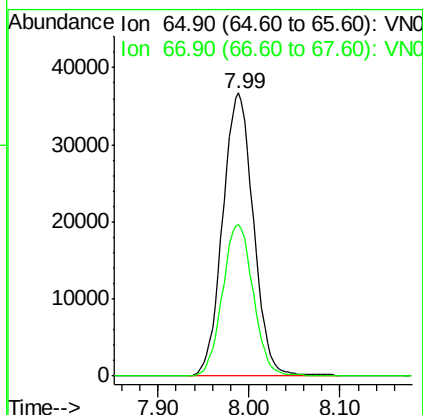
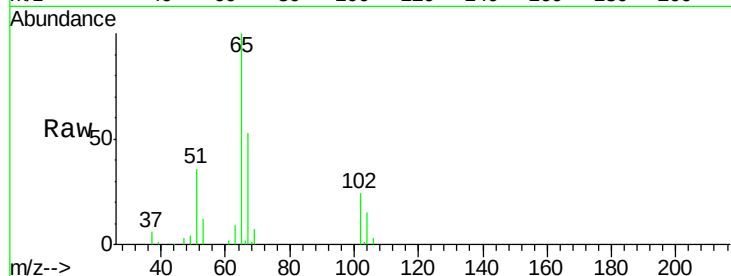




#33
 1,2-Dichloroethane-d4
 Concen: 48.885 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061873.D
 Acq: 18 Jun 2020 1:52

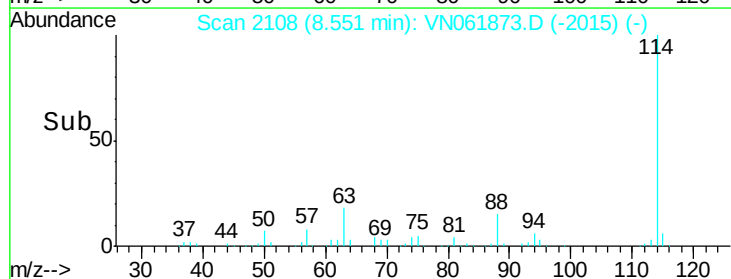
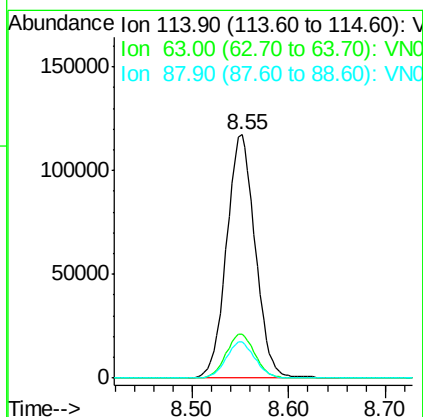
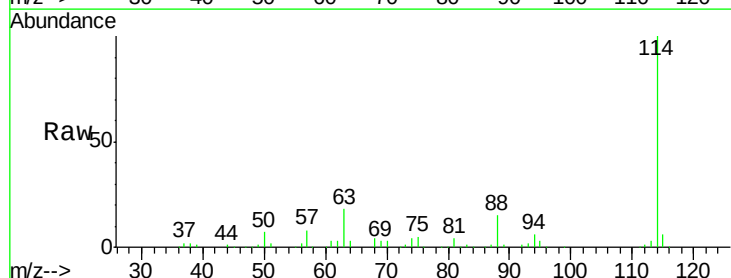
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20200611

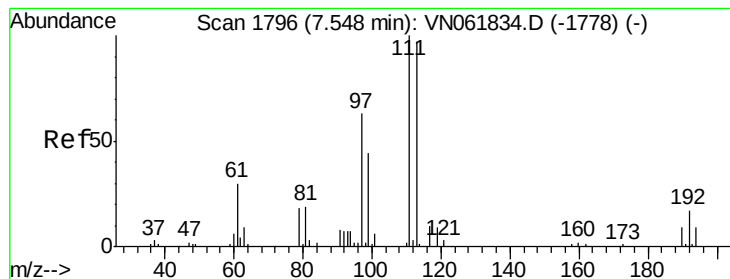
Tot Ion: 65 Resp: 86284
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061873.D
 Acq: 18 Jun 2020 1:52

Tgt Ion: 114 Resp: 241042
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.6
 88 14.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.348 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061873.D

Acq: 18 Jun 2020 1:52

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20200611

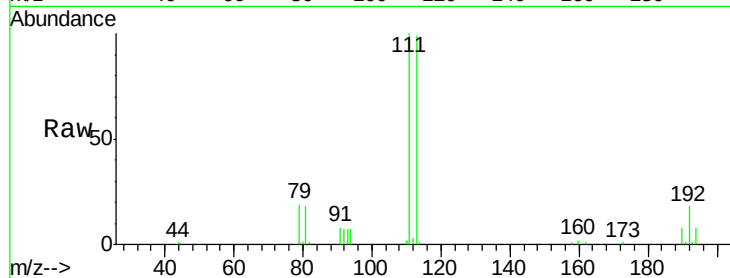
Tot Ion:113 Resp: 77639

Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

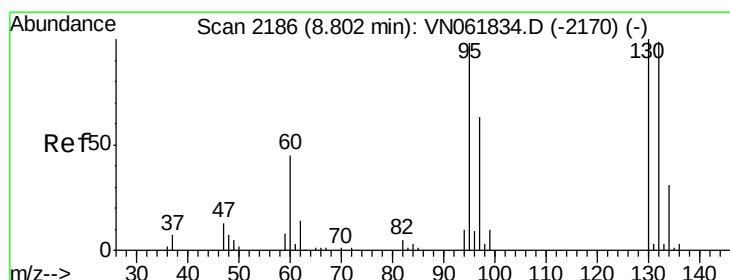
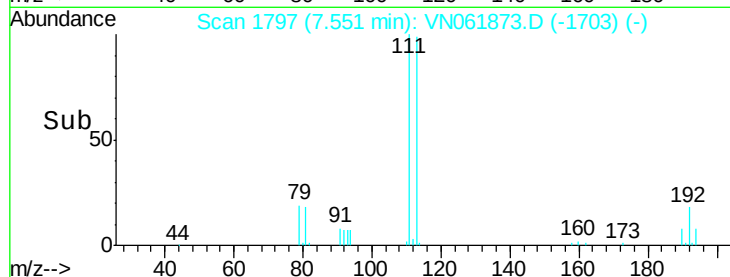
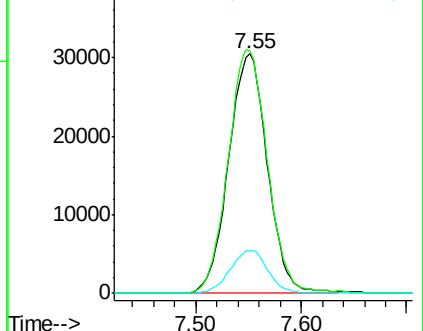
192 17.4 13.9 20.9



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: 33.067 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061873.D

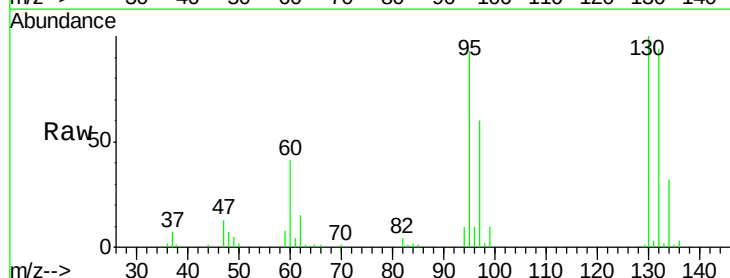
Acq: 18 Jun 2020 1:52

Tgt Ion:130 Resp: 57958

Ion Ratio Lower Upper

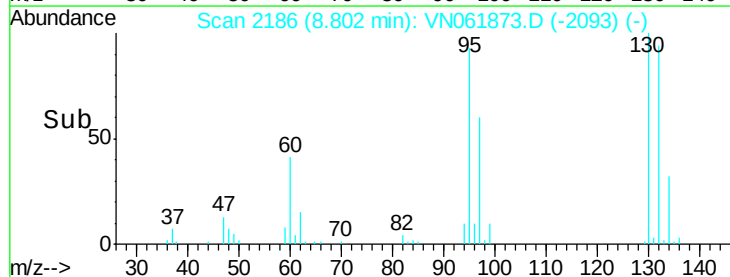
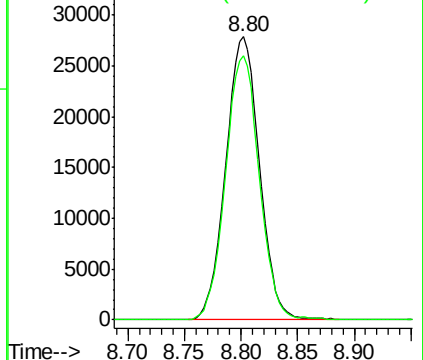
130 100

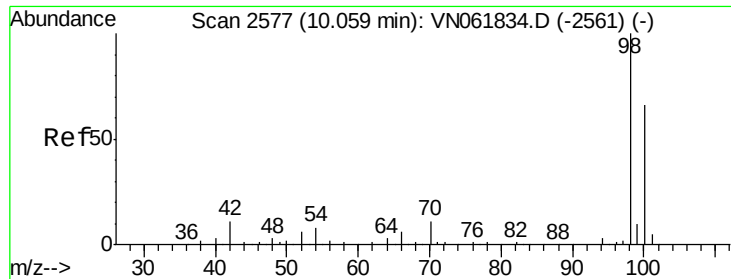
95 93.2 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.972 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061873.D

Acq: 18 Jun 2020 1:52

Instrument :

MSVOA_N

ClientSampleId :

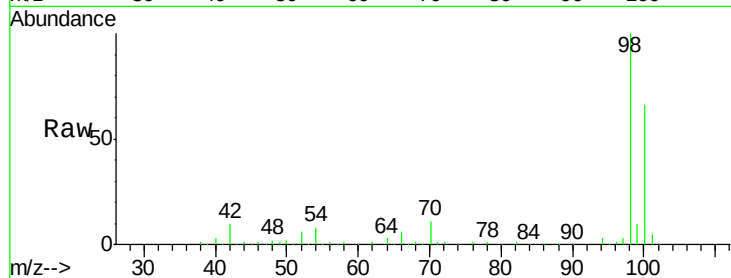
RE126D1-20200611

Tot Ion: 98 Resp: 296891

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061873.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061873.D (-2484) (-)

10.06

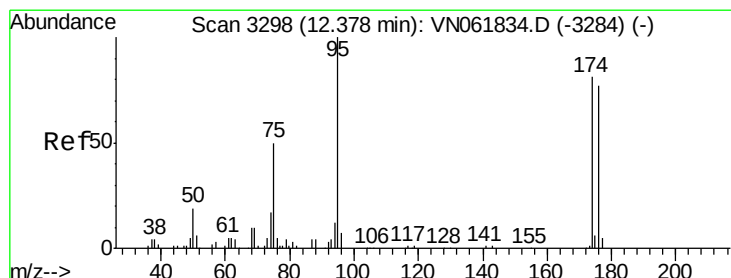
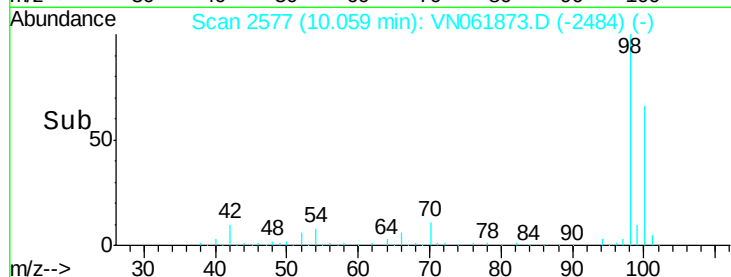
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.138 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061873.D

Acq: 18 Jun 2020 1:52

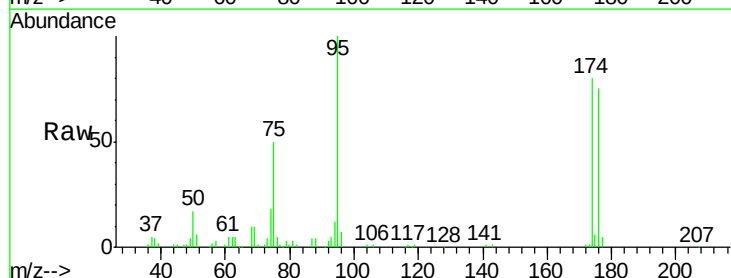
Tgt Ion: 95 Resp: 95945

Ion Ratio Lower Upper

95 100

174 79.6 0.0 158.6

176 75.6 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061873.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061873.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061873.D (-3205) (-)

12.38

80000

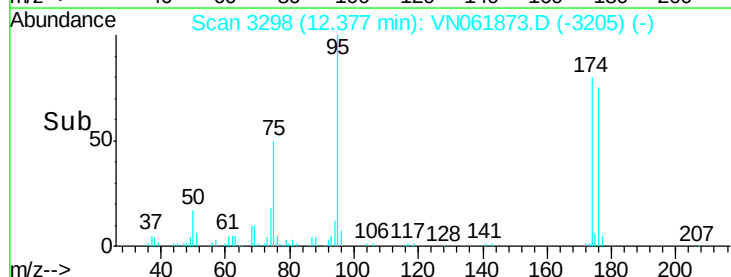
60000

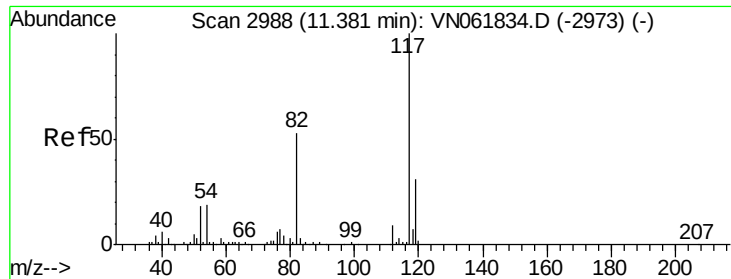
40000

20000

0

Time-->

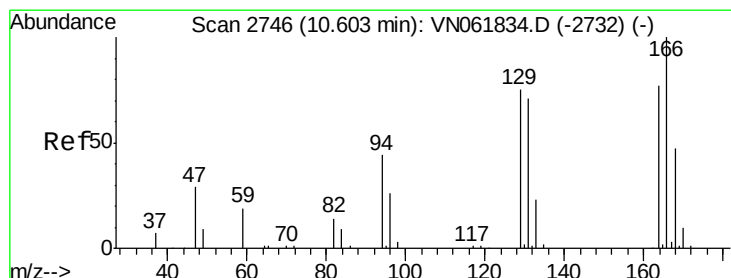
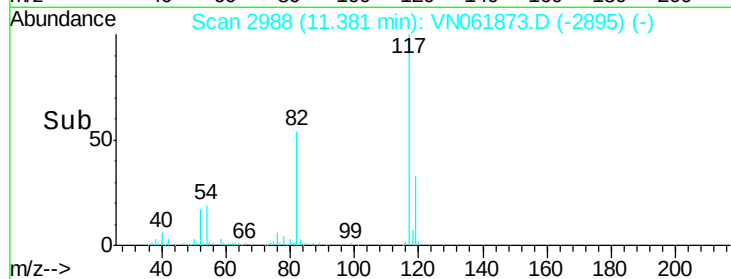
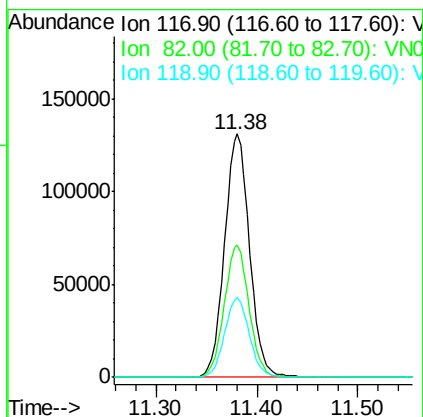
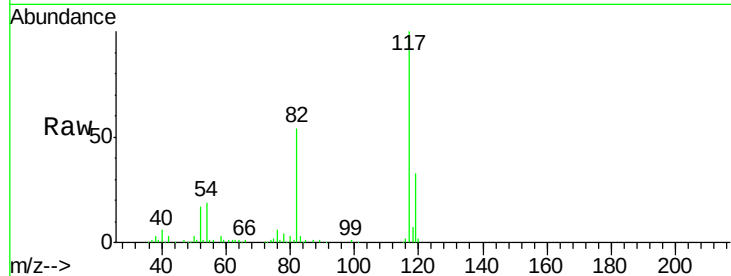




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061873.D
Acq: 18 Jun 2020 1:52

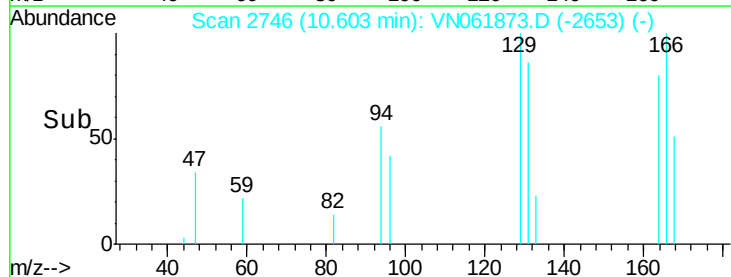
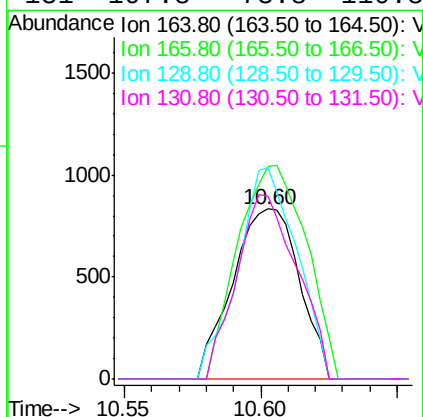
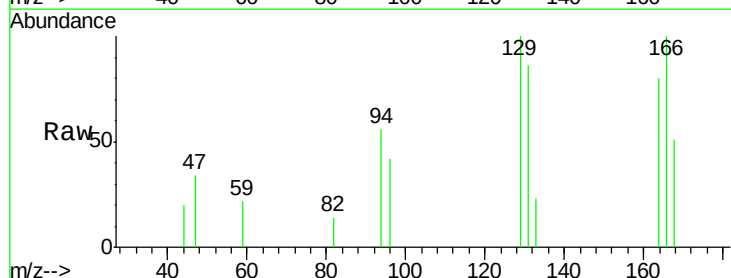
Instrument :
MSVOA_N
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RE126D1-20200611

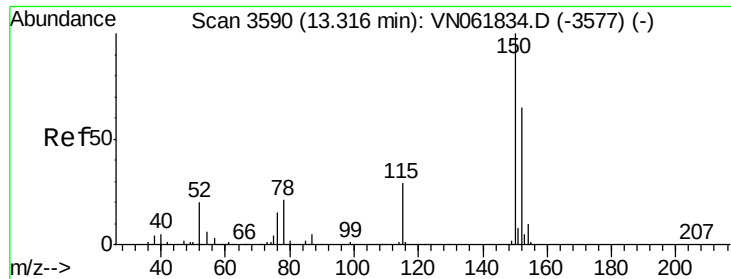
Tot Ion:117 Resp: 227383
Ion Ratio Lower Upper
117 100
82 54.5 42.6 64.0
119 32.7 24.7 37.1



#64
Tetrachloroethene
Concen: 0.978 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061873.D
Acq: 18 Jun 2020 1:52

Tgt Ion:164 Resp: 1417
Ion Ratio Lower Upper
164 100
166 124.8 103.5 155.3
129 124.5 77.5 116.3#
131 107.8 73.8 110.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061873.D

Acq: 18 Jun 2020 1:52

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20200611

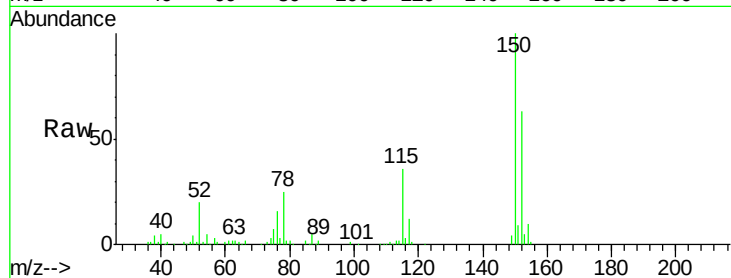
Tot Ion:152 Resp: 85781

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 158.0 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

