

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061771.D
 Acq On : 12 Jun 2020 6:04
 Operator : JC/MD
 Sample : PB129452ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129452ZHE#01

Quant Time: Jun 12 08:59:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

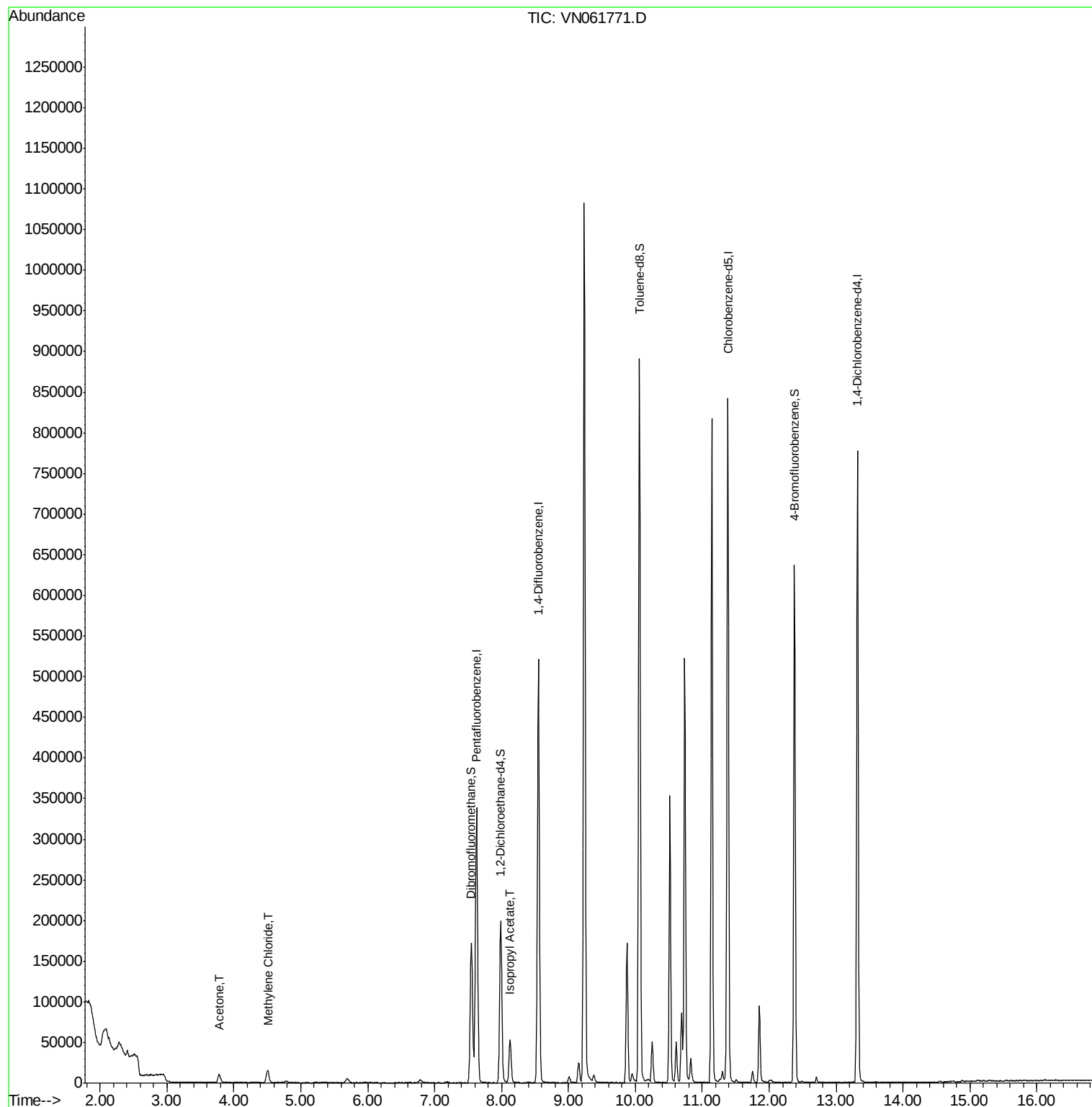
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	295494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	521200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167397	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.55	113	132266	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.06	98	620184	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.38	95	214641	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
16) Acetone	3.78	43	16881	11.482	ug/l	95
20) Methylene Chloride	4.50	84	13033	2.417	ug/l #	84
43) Isopropyl Acetate	8.12	43	60919	9.388	ug/l #	91

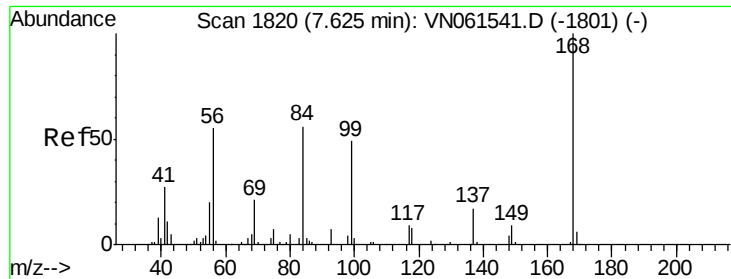
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061771.D

Acq: 12 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

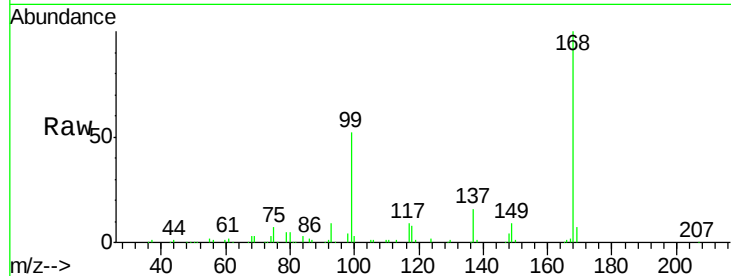
PB129452ZHE#01

Tot Ion:168 Resp: 295494

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

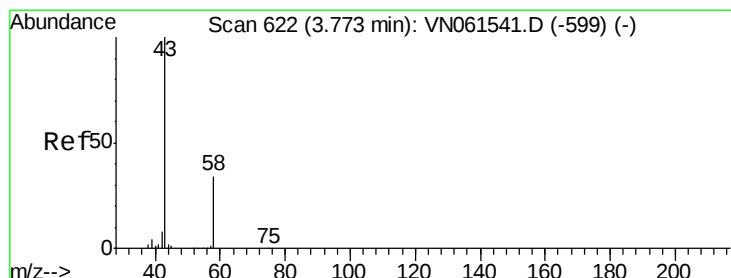
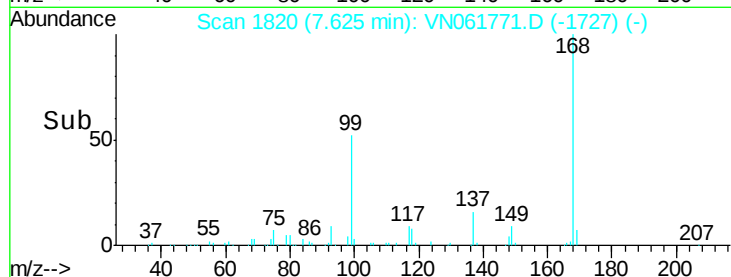
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.482 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061771.D

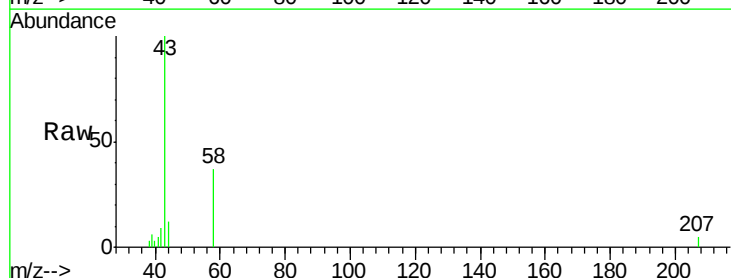
Acq: 12 Jun 2020 6:04

Tgt Ion: 43 Resp: 16881

Ion Ratio Lower Upper

43 100

58 37.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

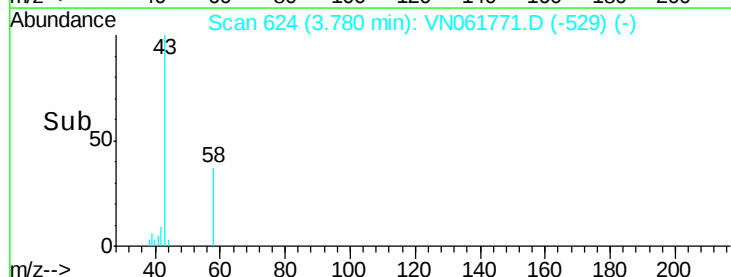
6000

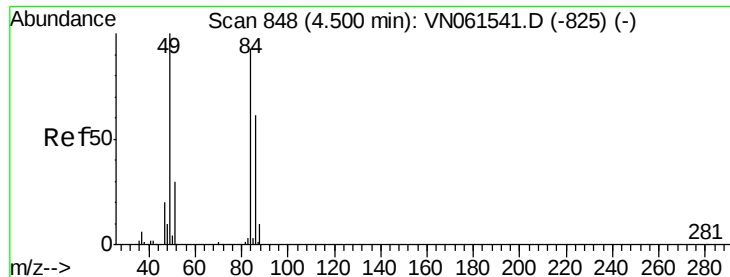
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 2.417 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN061771.D

Acq: 12 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

PB129452ZHE#01

Tot Ion: 84 Resp: 13033

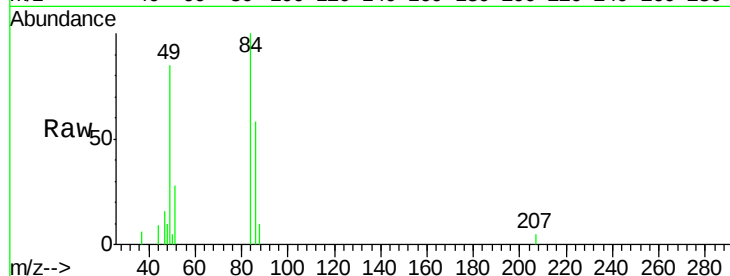
Ion Ratio Lower Upper

84 100

49 84.5 85.8 128.8#

51 27.6 26.2 39.2

86 58.0 52.6 78.8

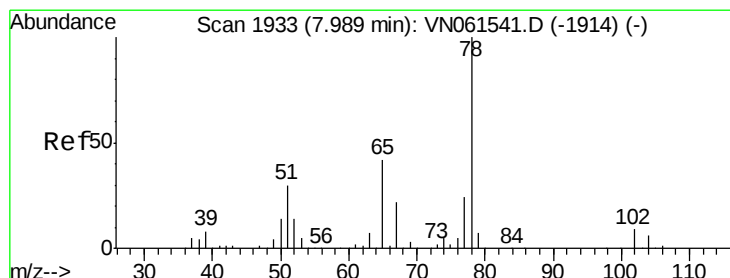
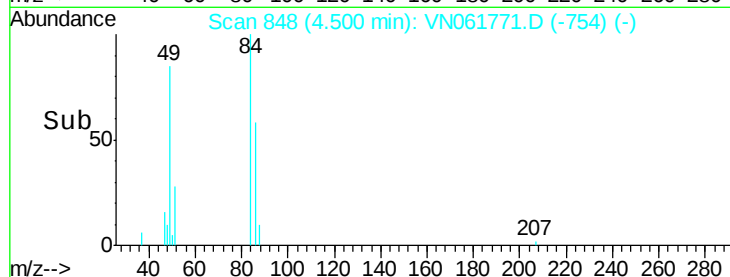
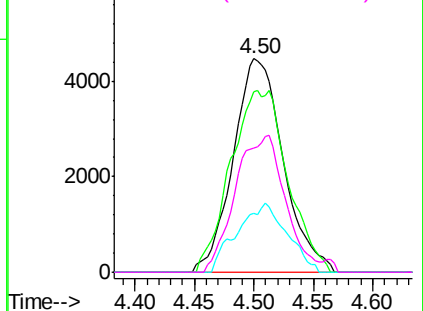


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.548 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061771.D

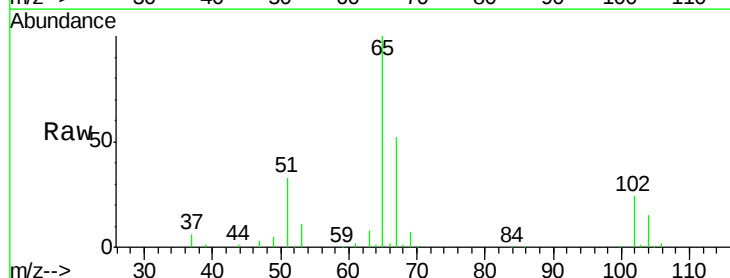
Acq: 12 Jun 2020 6:04

Tgt Ion: 65 Resp: 167397

Ion Ratio Lower Upper

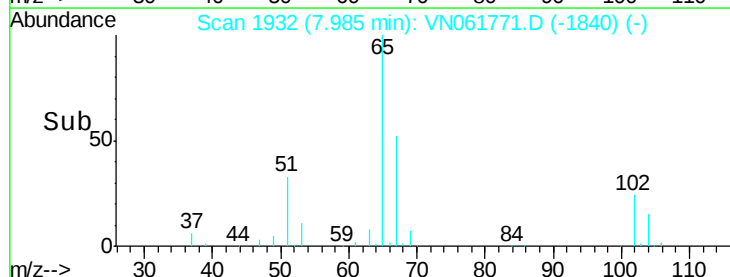
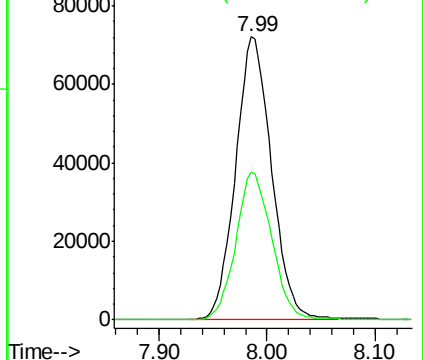
65 100

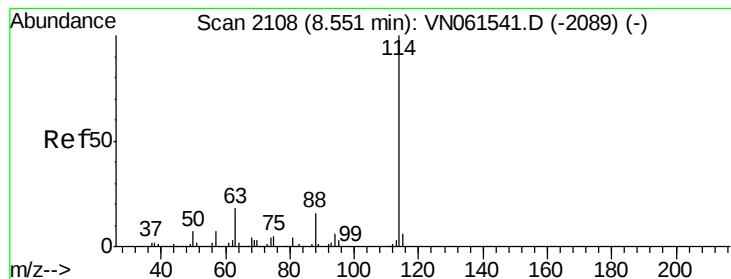
67 52.0 0.0 104.8



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: VN061771.D

Acq: 12 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

PB129452ZHE#01

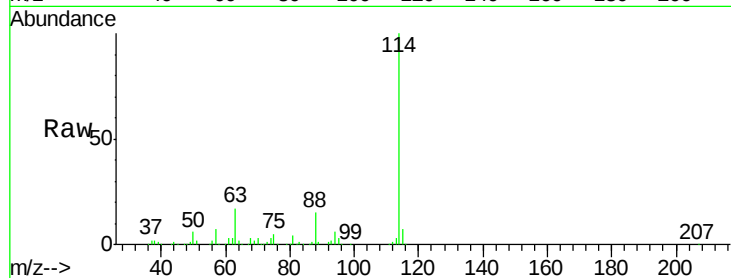
Tot Ion:114 Resp: 505866

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

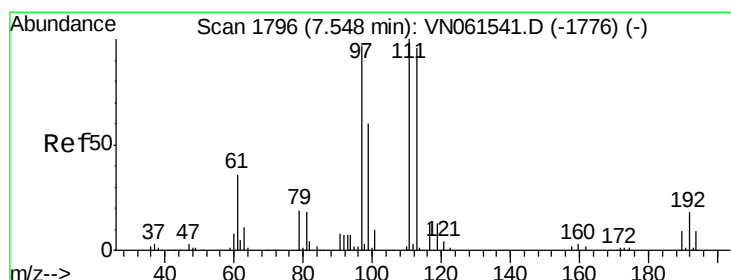
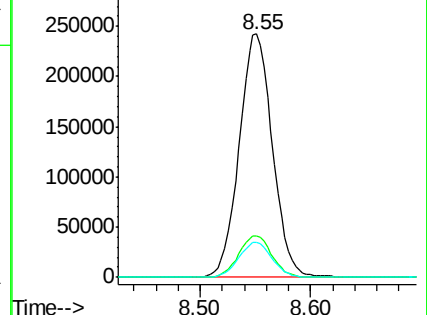
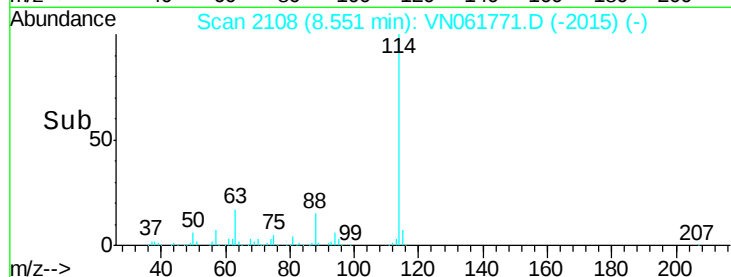
88 14.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.542 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061771.D

Acq: 12 Jun 2020 6:04

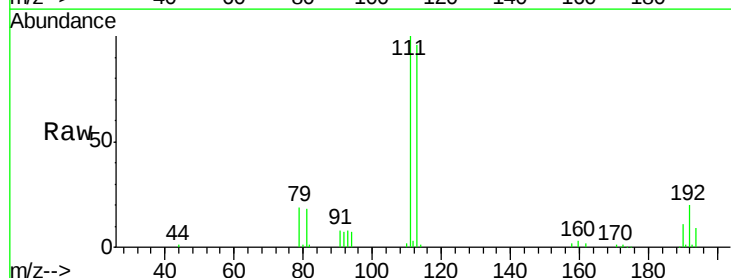
Tgt Ion:113 Resp: 132266

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.0

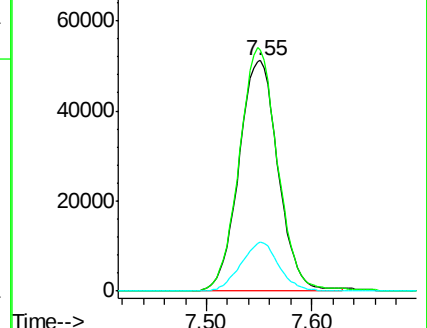
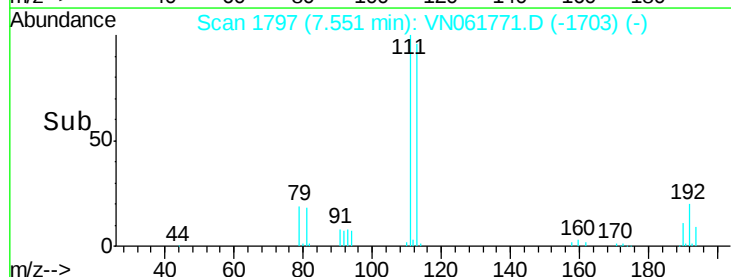
192 20.5 15.4 23.2

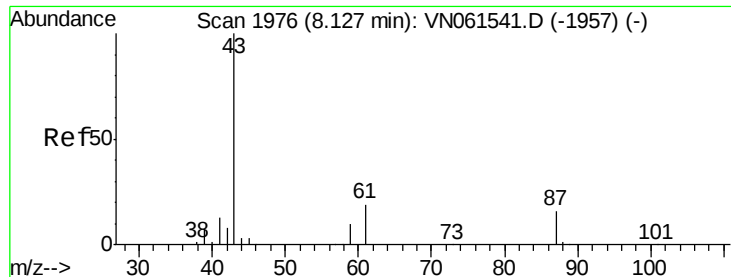


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.388 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061771.D

Acq: 12 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

PB129452ZHE#01

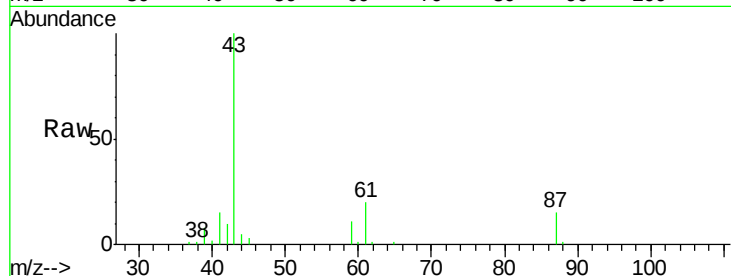
Tot Ion: 43 Resp: 60919

Ion Ratio Lower Upper

43 100

61 22.0 23.6 35.4#

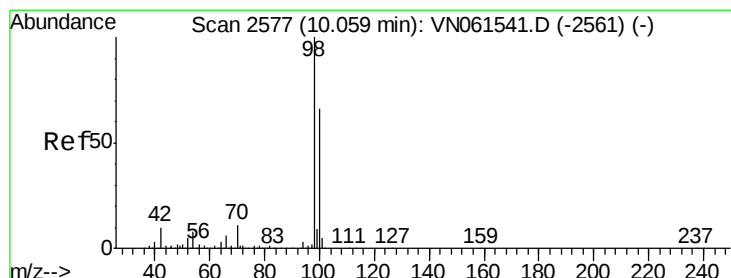
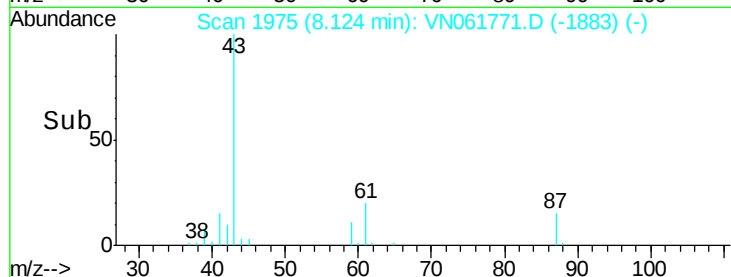
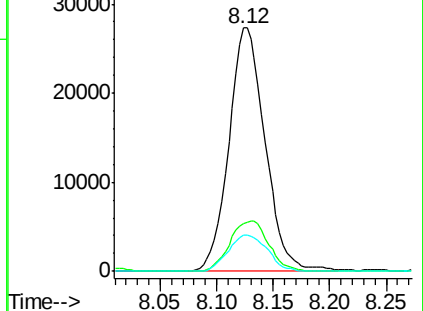
87 16.0 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061771.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN061771.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN061771.D (-1883) (-)



#50

Toluene-d8

Concen: 52.152 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061771.D

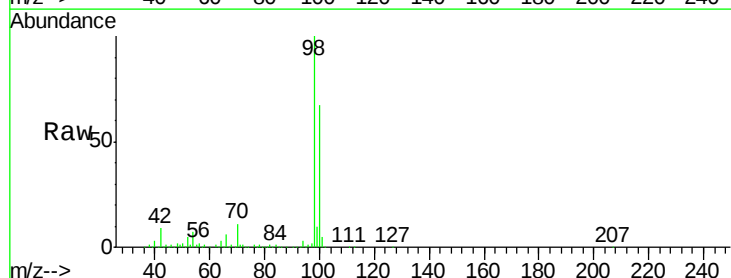
Acq: 12 Jun 2020 6:04

Tgt Ion: 98 Resp: 620184

Ion Ratio Lower Upper

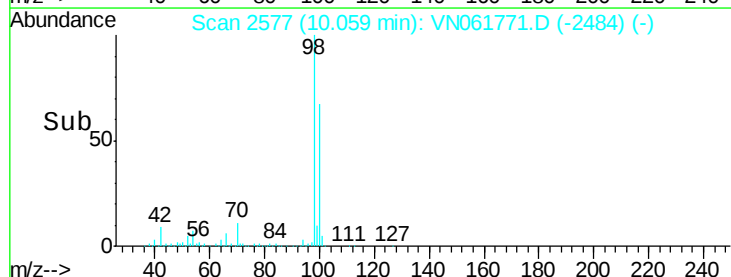
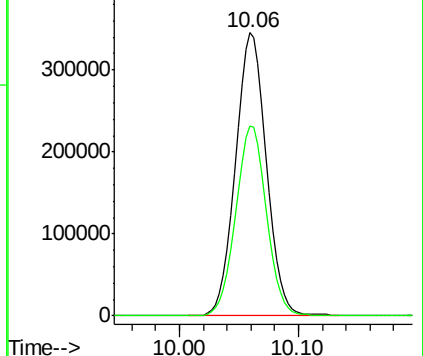
98 100

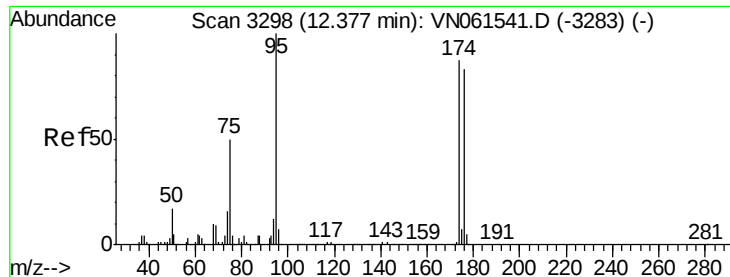
100 67.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061771.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061771.D (-2484) (-)





#62

4-Bromofluorobenzene

Concen: 49.472 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061771.D

Acq: 12 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

PB129452ZHE#01

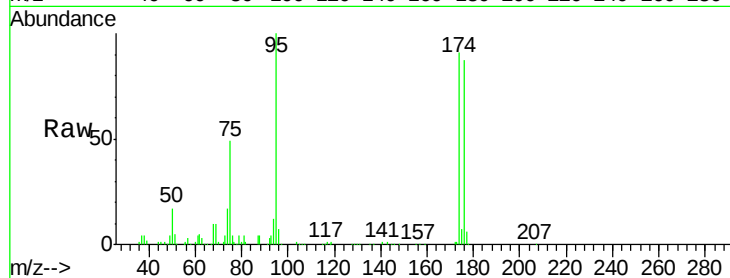
Tot Ion: 95 Resp: 214641

Ion Ratio Lower Upper

95 100

174 90.2 0.0 172.8

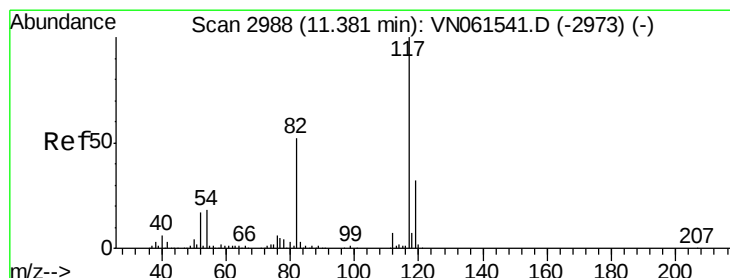
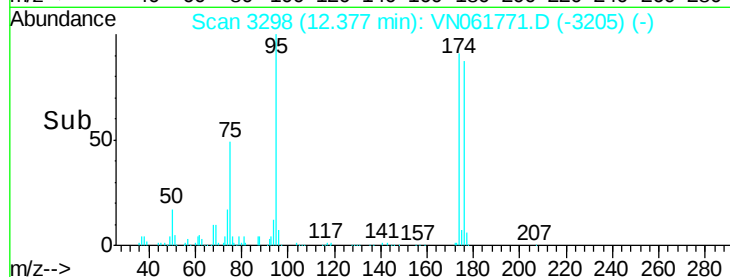
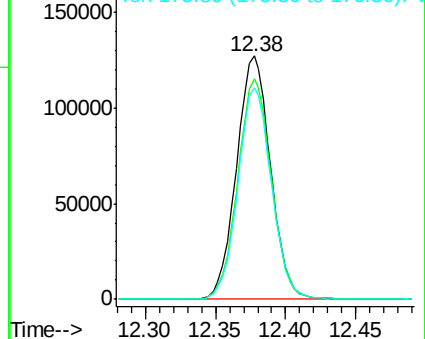
176 86.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061771.D

Acq: 12 Jun 2020 6:04

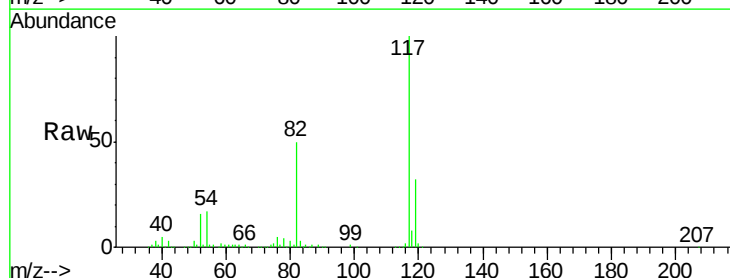
Tgt Ion: 117 Resp: 521200

Ion Ratio Lower Upper

117 100

82 50.3 41.5 62.3

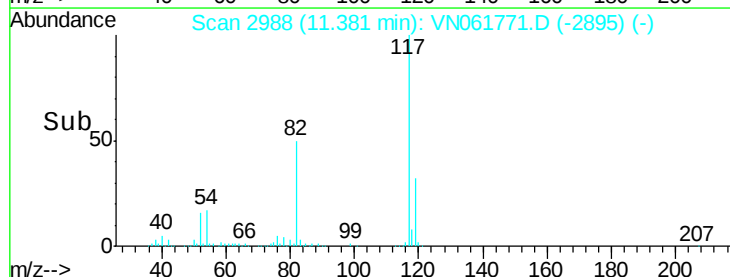
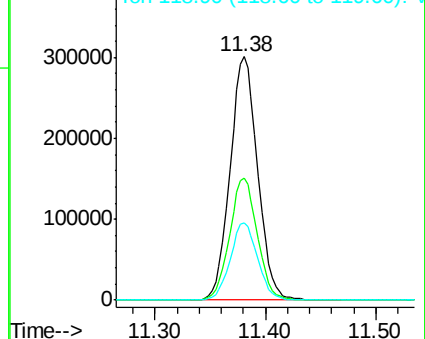
119 31.8 25.6 38.4

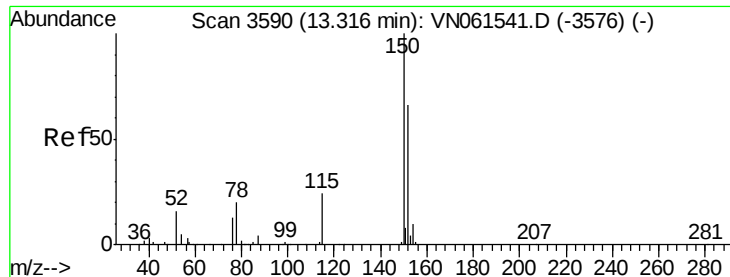


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.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: VN061771.D

Acq: 12 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

PB129452ZHE#01

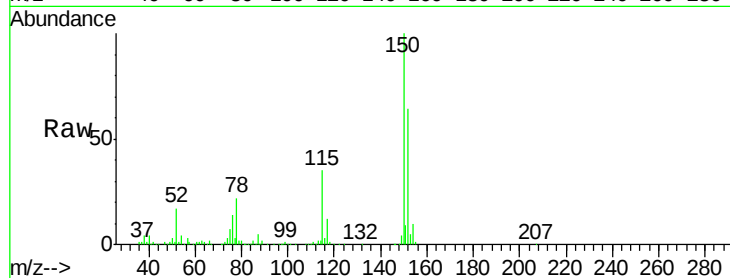
Tot Ion:152 Resp: 223277

Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 158.8 0.0 344.0



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

