

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060751.D
 Acq On : 27 Mar 2020 19:08
 Operator : JC/MD
 Sample : PB127814ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#16

Quant Time: Mar 30 01:16:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

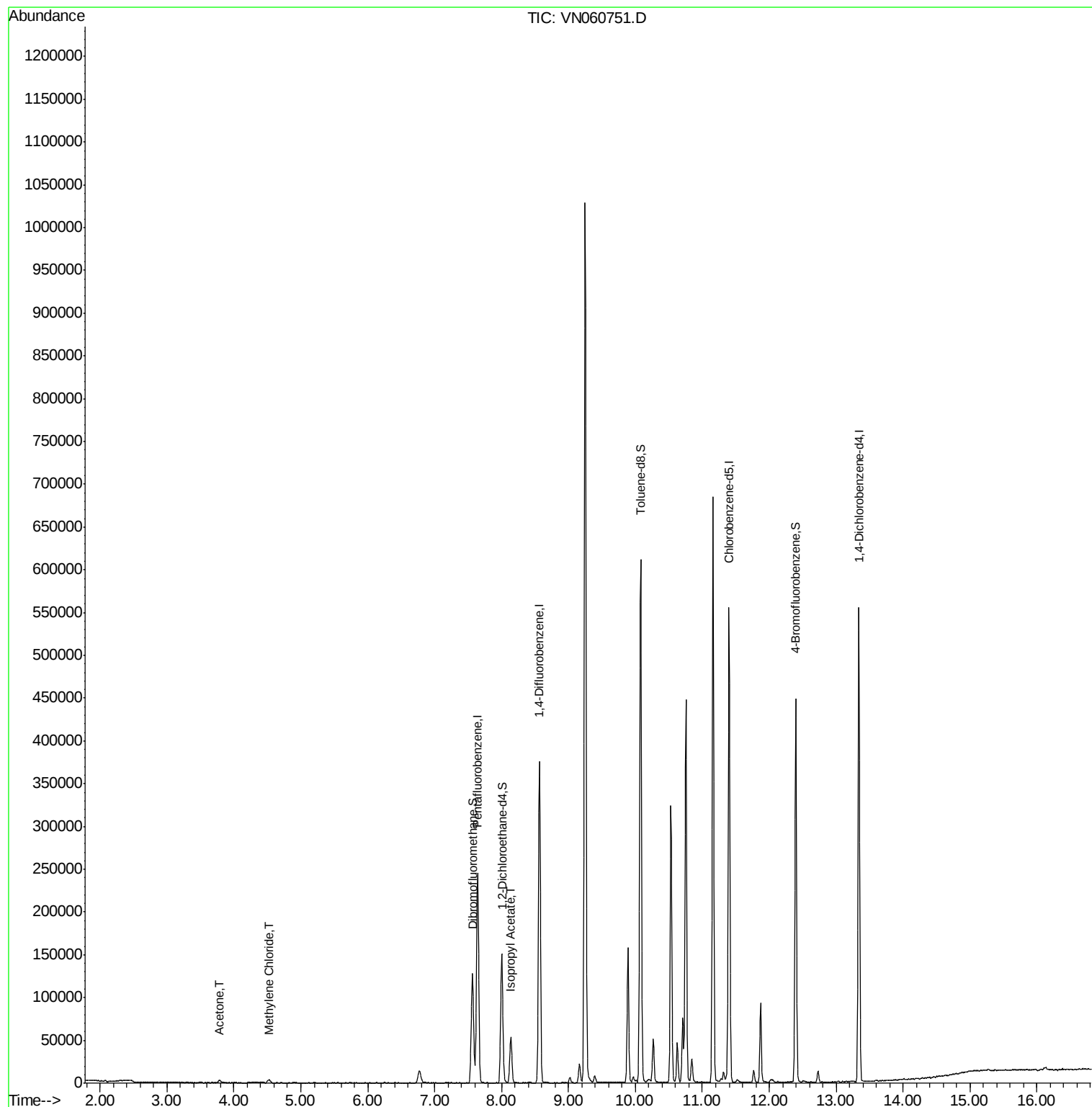
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	332837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	315595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128974	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	7.56	113	99402	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.08	98	416780	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	155283	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
16) Acetone	3.79	43	5550	5.704	ug/l	98
20) Methylene Chloride	4.52	84	2757	1.152	ug/l	97
43) Isopropyl Acetate	8.14	43	64472	11.226	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

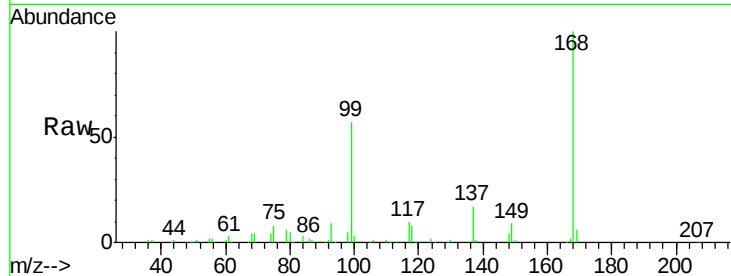
PB127814ZHE#16

Tot Ion:168 Resp: 200109

Ion Ratio Lower Upper

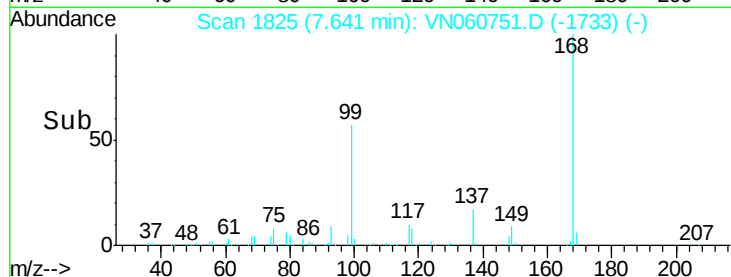
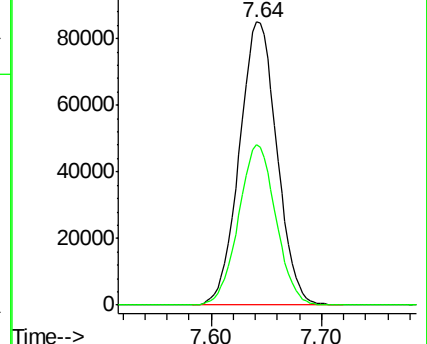
168 100

99 56.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.704 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060751.D

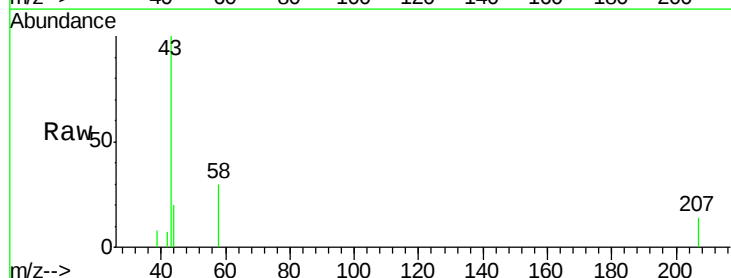
Acq: 27 Mar 2020 19:08

Tgt Ion: 43 Resp: 5550

Ion Ratio Lower Upper

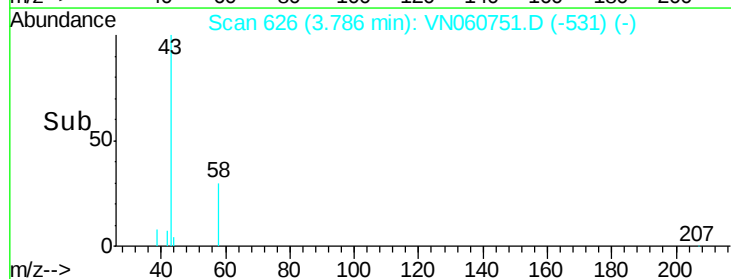
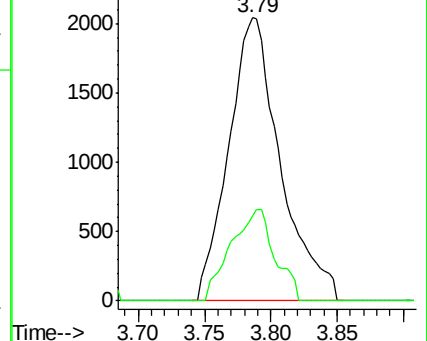
43 100

58 30.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.152 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#16

Tot Ion: 84 Resp: 2757

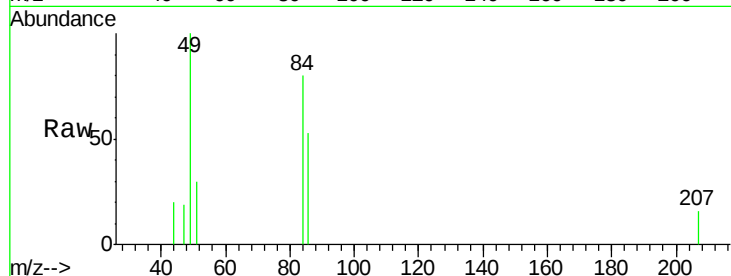
Ion Ratio Lower Upper

84 100

49 125.1 103.3 154.9

51 37.5 31.6 47.4

86 66.6 52.0 78.0

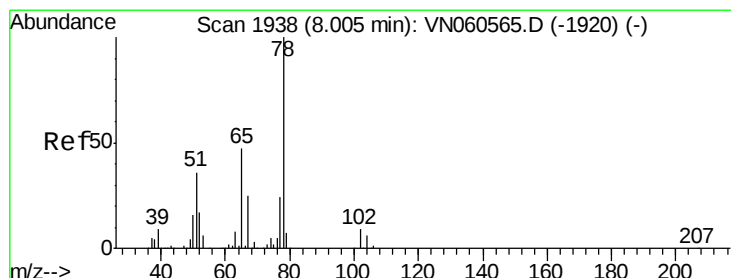
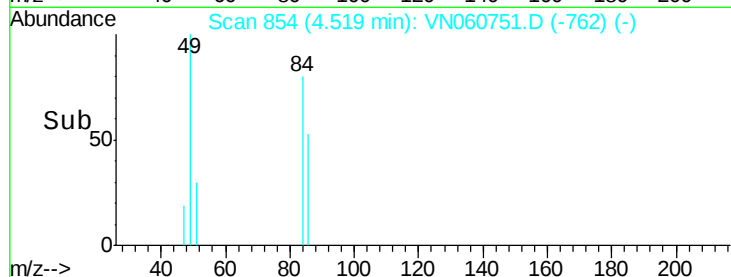
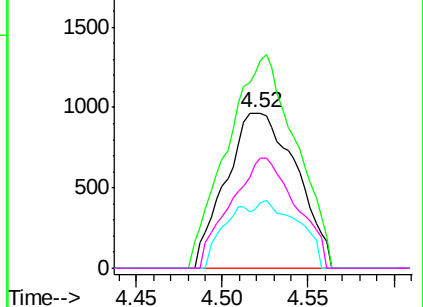


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 46.950 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060751.D

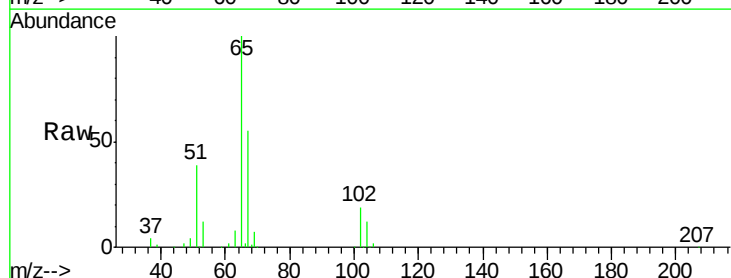
Acq: 27 Mar 2020 19:08

Tgt Ion: 65 Resp: 128974

Ion Ratio Lower Upper

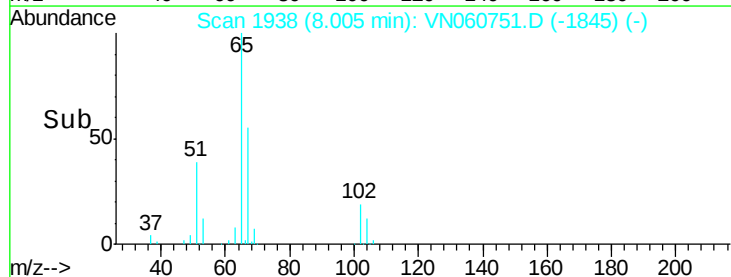
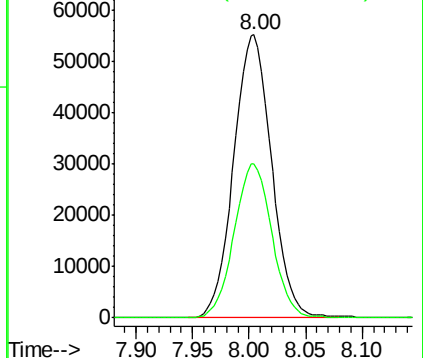
65 100

67 54.1 0.0 107.6



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: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#16

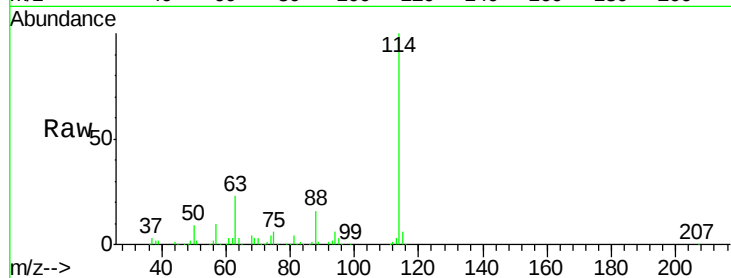
Tot Ion:114 Resp: 332837

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

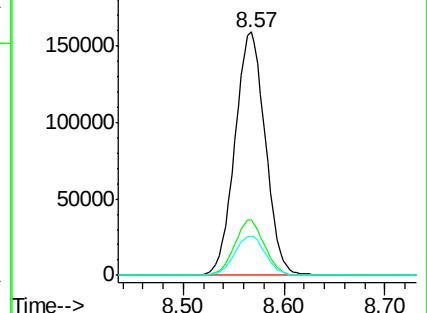
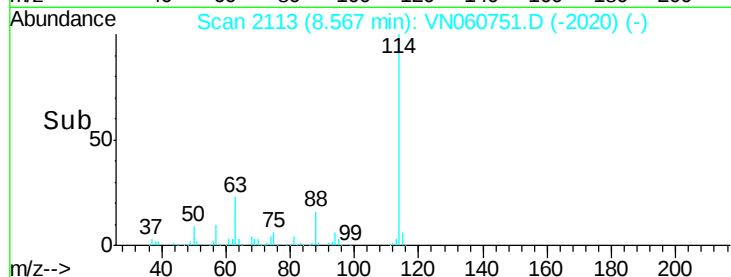
88 16.2 0.0 33.0



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: 49.391 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

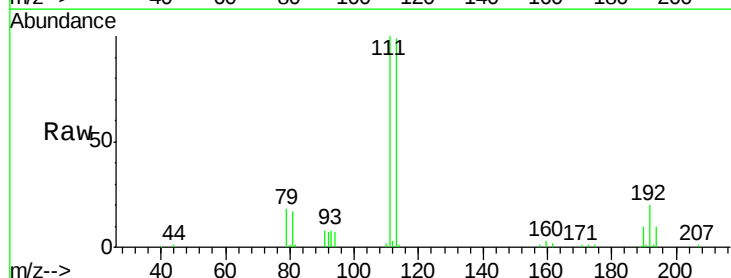
Tgt Ion:113 Resp: 99402

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

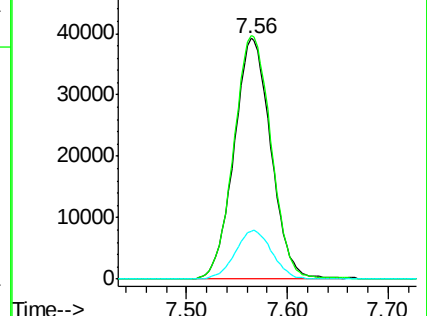
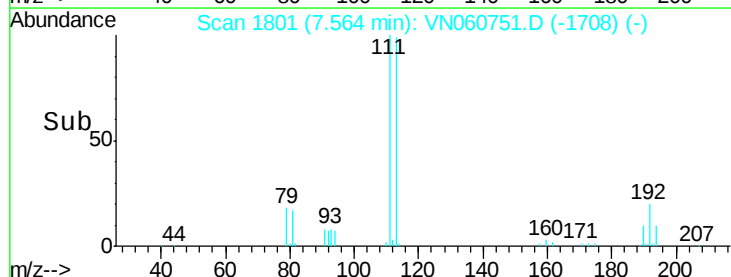
192 20.1 15.8 23.8

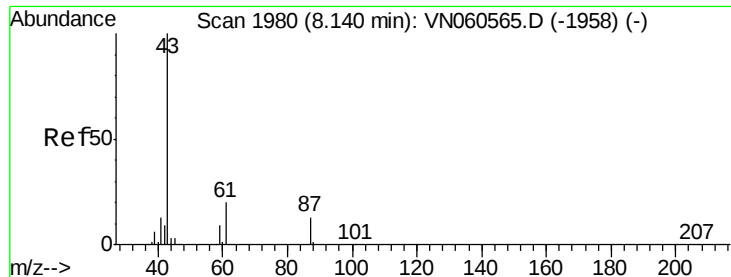


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.226 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#16

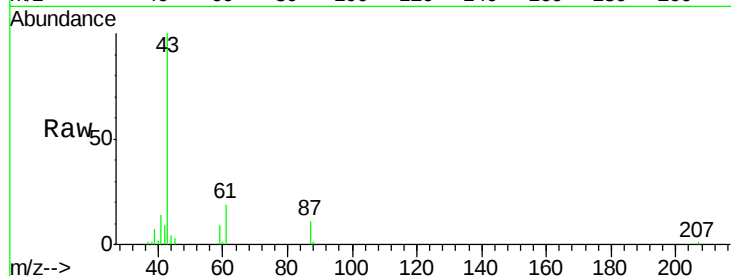
Tot Ion: 43 Resp: 64472

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

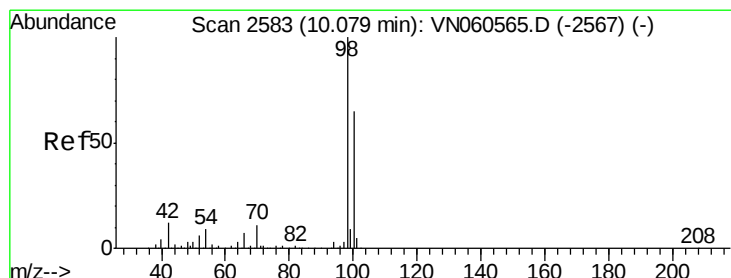
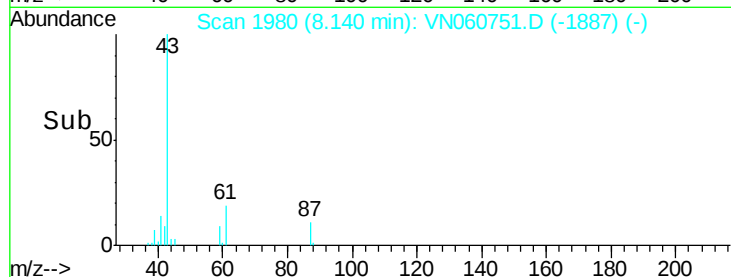
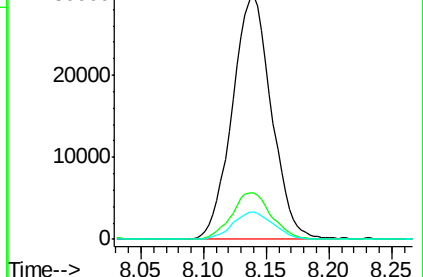
87 11.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060751.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060751.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060751.D (-1958) (-)



#50

Toluene-d8

Concen: 50.700 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060751.D

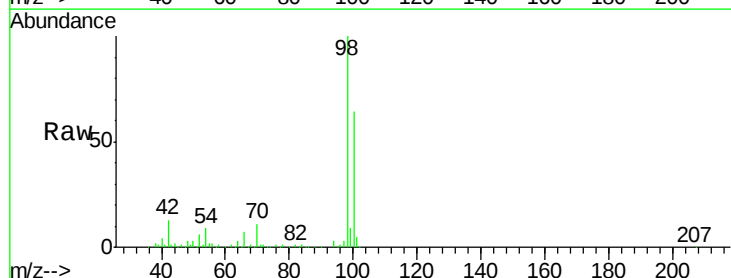
Acq: 27 Mar 2020 19:08

Tgt Ion: 98 Resp: 416780

Ion Ratio Lower Upper

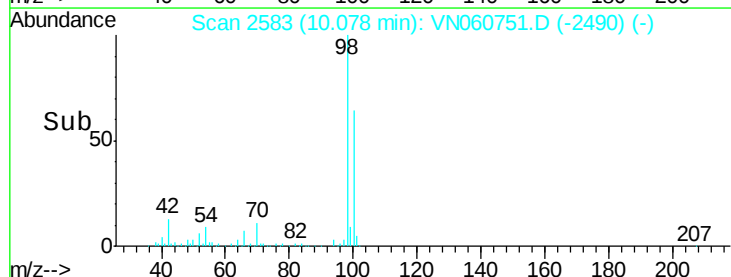
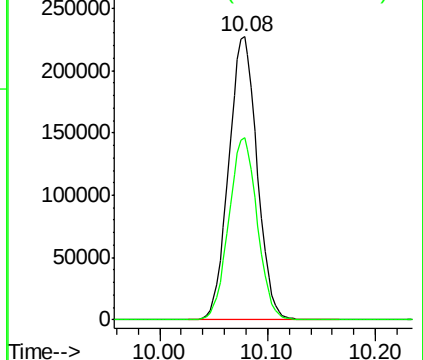
98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060751.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060751.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.543 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#16

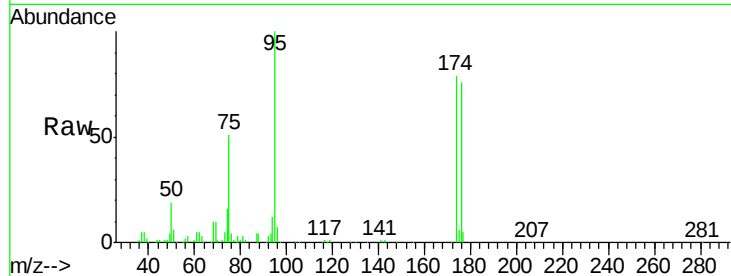
Tot Ion: 95 Resp: 155283

Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060751.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060751.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060751.D (-3290) (-)

120000

100000

80000

60000

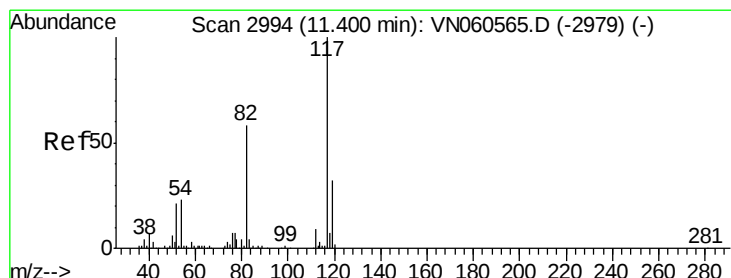
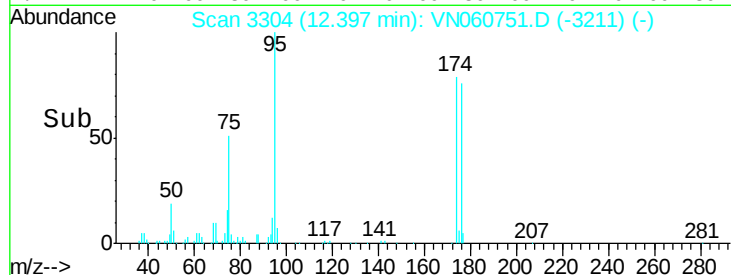
40000

20000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

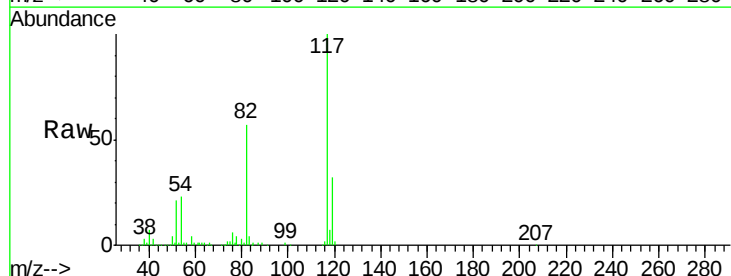
Tgt Ion: 117 Resp: 315595

Ion Ratio Lower Upper

117 100

82 57.4 46.7 70.1

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060751.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060751.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060751.D (-2979) (-)

250000

200000

150000

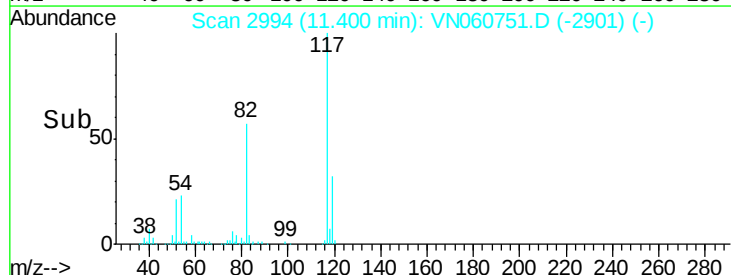
100000

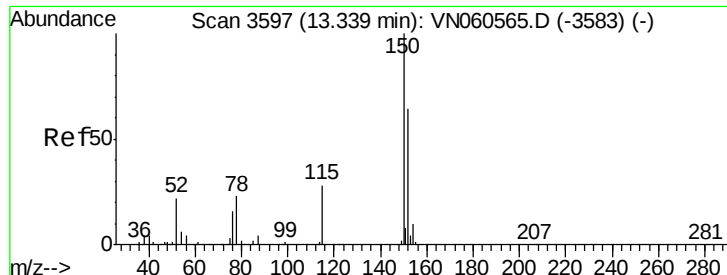
50000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060751.D

Acq: 27 Mar 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#16

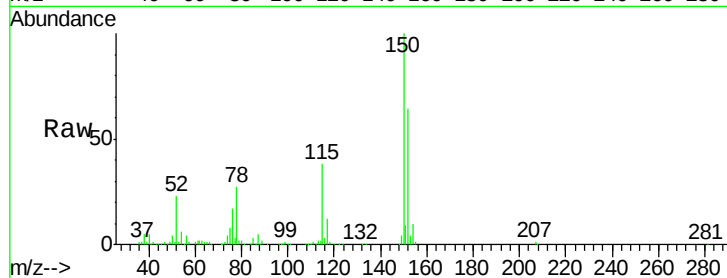
Tot Ion:152 Resp: 144970

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 157.5 0.0 350.2



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

