

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059920.D
 Acq On : 29 Jan 2020 18:17
 Operator : JC/MD
 Sample : PB126412ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#07

Quant Time: Jan 30 01:33:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

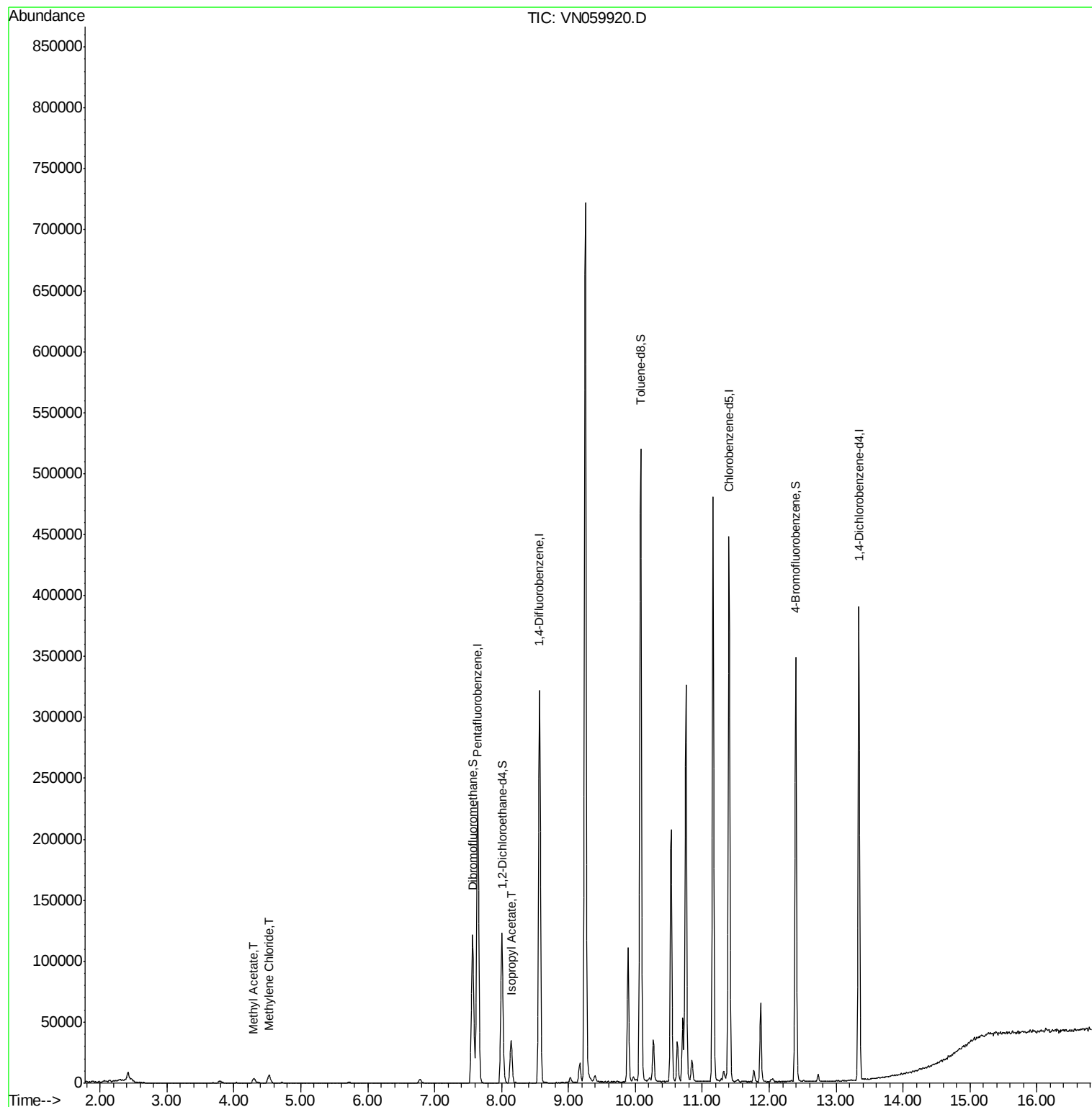
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106616	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	7.57	113	91123	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.08	98	359280	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	116023	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
18) Methyl Acetate	4.30	43	7254	2.791	ug/l #	83
20) Methylene Chloride	4.52	84	5778	1.618	ug/l	89
43) Isopropyl Acetate	8.14	43	42233	9.995	ug/l #	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012920\
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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059920.D

Acq: 29 Jan 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

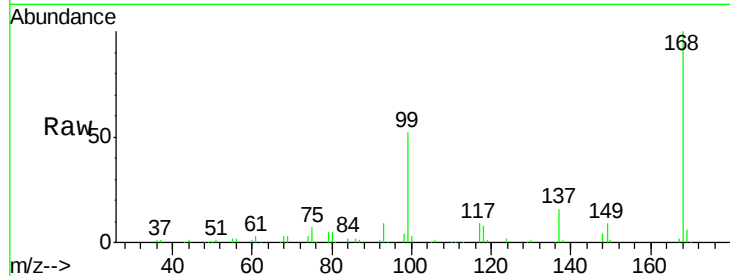
PB126412ZHE#07

Tot Ion:168 Resp: 200381

Ion Ratio Lower Upper

168 100

99 51.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

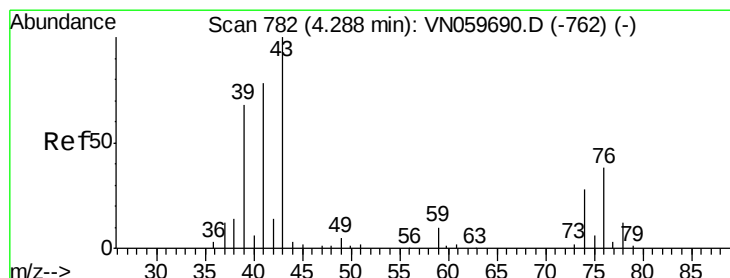
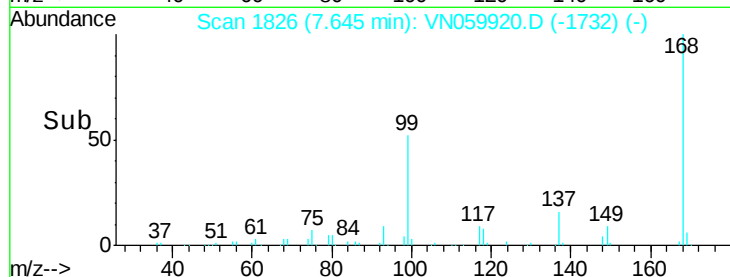
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 2.791 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059920.D

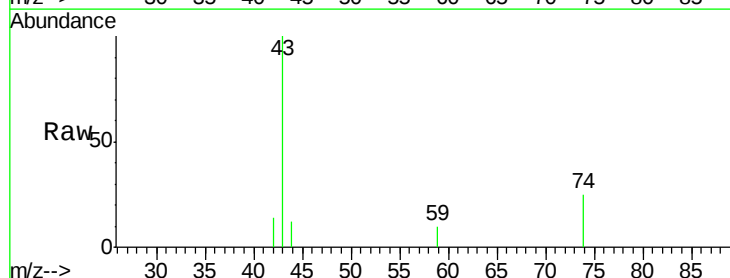
Acq: 29 Jan 2020 18:17

Tgt Ion: 43 Resp: 7254

Ion Ratio Lower Upper

43 100

74 13.8 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

2500

2000

1500

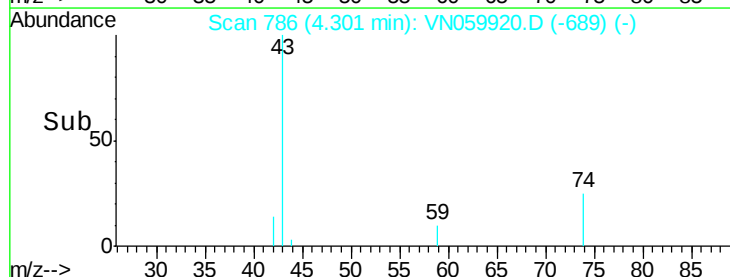
1000

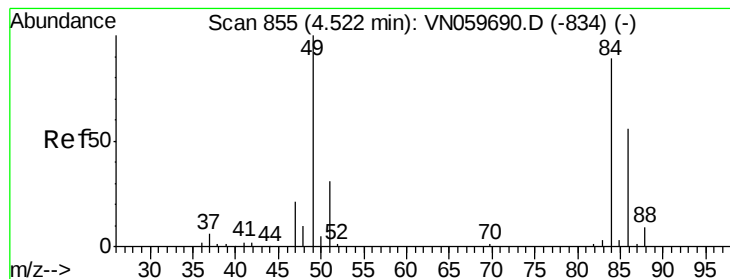
500

0

4.20 4.25 4.30 4.35 4.40

Time-->





#20

Methylene Chloride

Concen: 1.618 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059920.D

Acq: 29 Jan 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#07

Tot Ion: 84 Resp: 5778

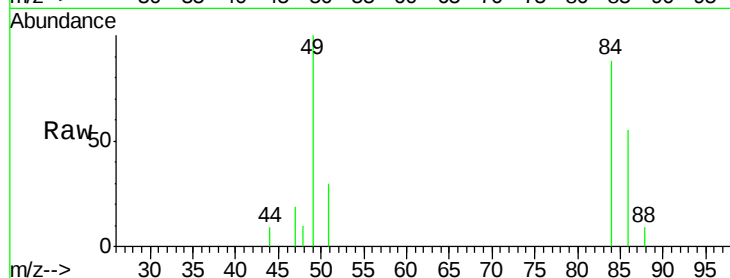
Ion Ratio Lower Upper

84 100

49 114.0 106.6 160.0

51 33.7 31.9 47.9

86 63.1 50.8 76.2

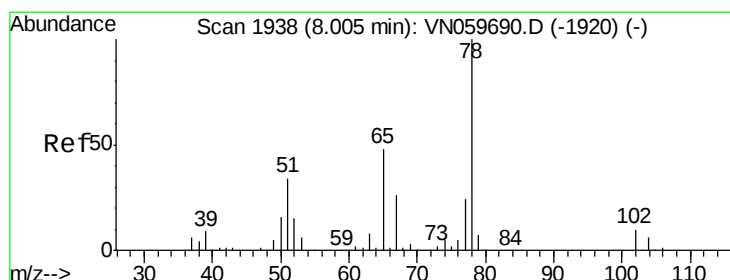
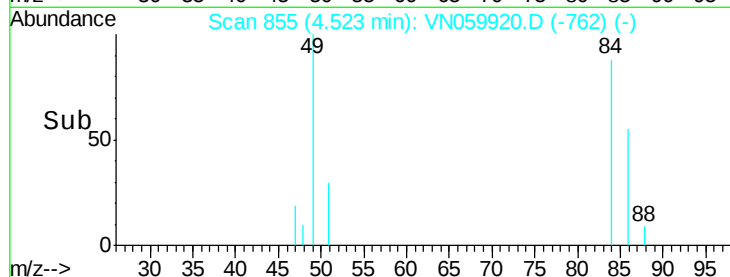
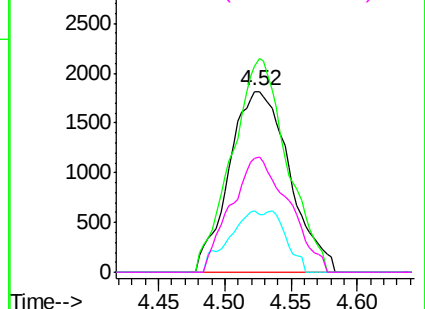


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.911 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059920.D

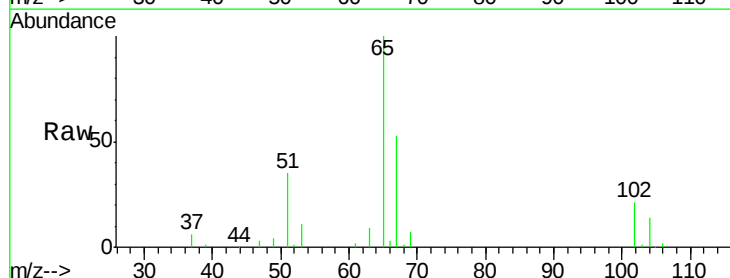
Acq: 29 Jan 2020 18:17

Tgt Ion: 65 Resp: 106616

Ion Ratio Lower Upper

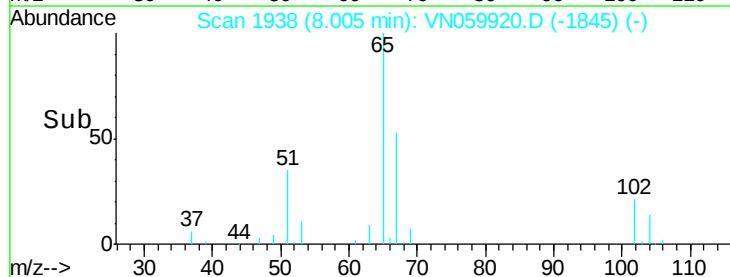
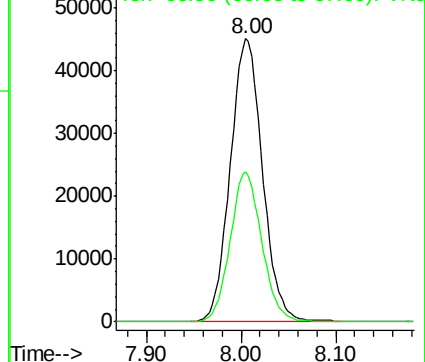
65 100

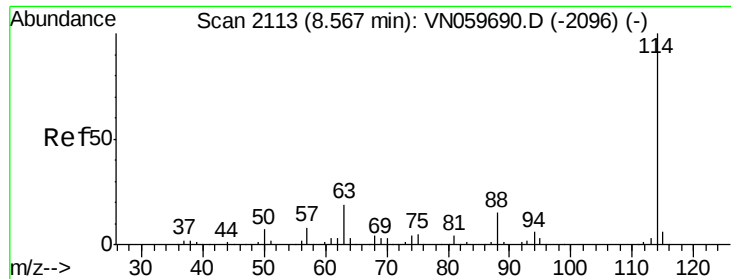
67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

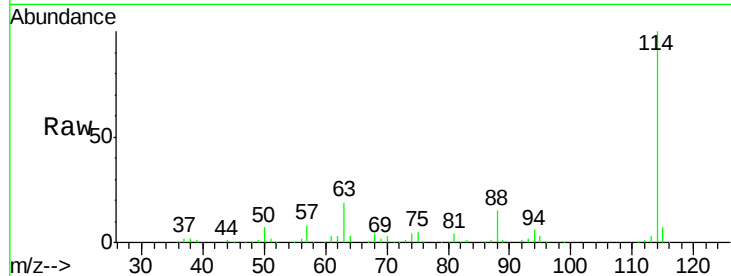




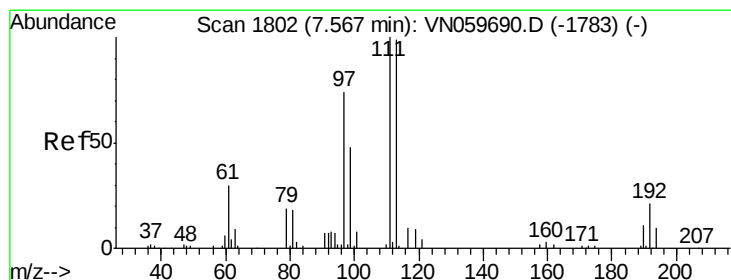
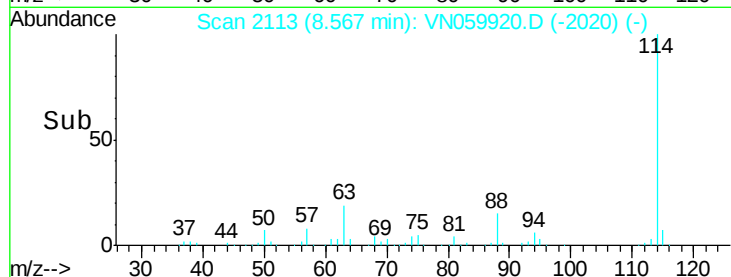
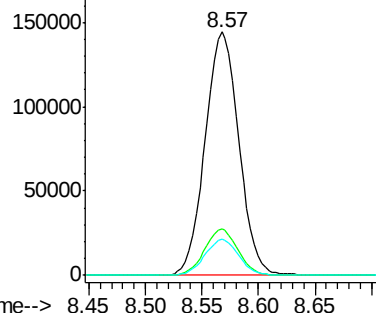
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059920.D
 Acq: 29 Jan 2020 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126412ZHE#07

Tot Ion:114 Resp: 300760
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 14.8 0.0 31.4

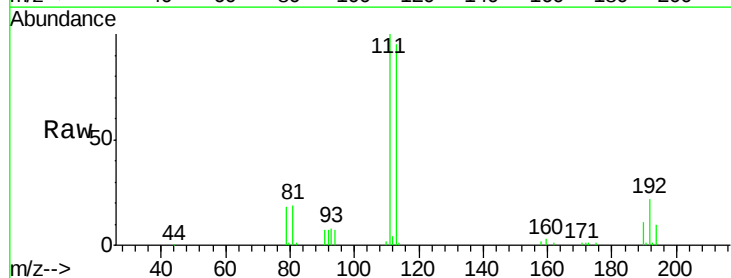


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

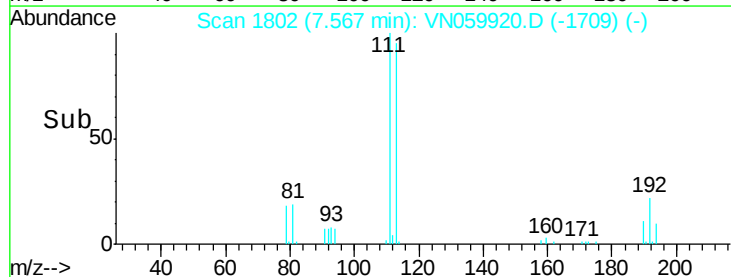
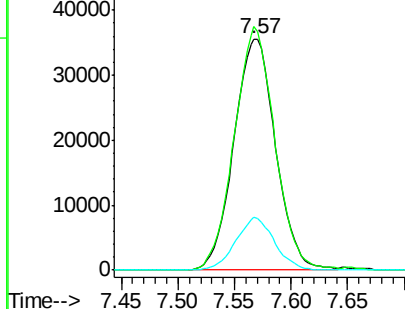


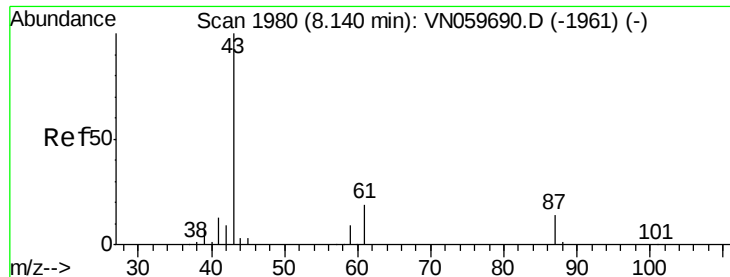
#35
 Dibromofluoromethane
 Concen: 50.806 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059920.D
 Acq: 29 Jan 2020 18:17

Tgt Ion:113 Resp: 91123
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 21.2 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: 9.995 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059920.D

Acq: 29 Jan 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#07

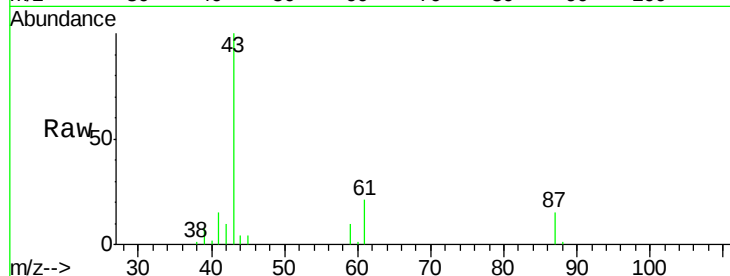
Tot Ion: 43 Resp: 42233

Ion Ratio Lower Upper

43 100

61 19.9 20.2 30.2#

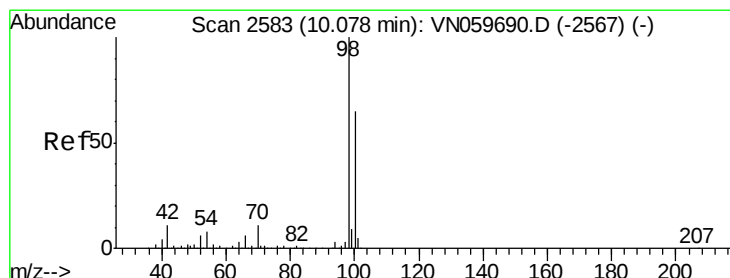
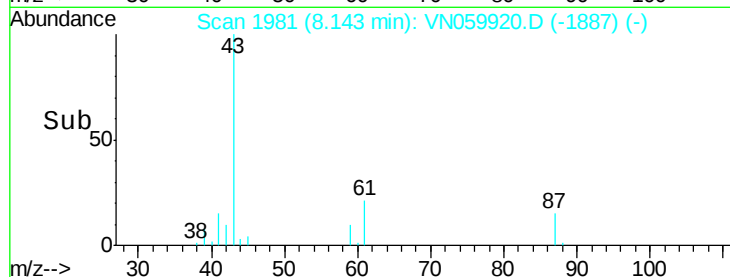
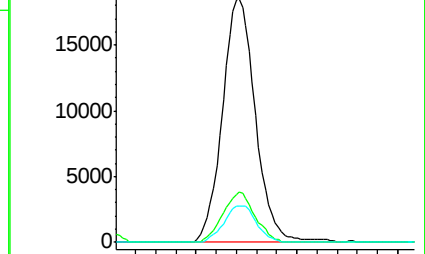
87 14.7 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059920.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059920.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059920.D (-1887) (-)



#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059920.D

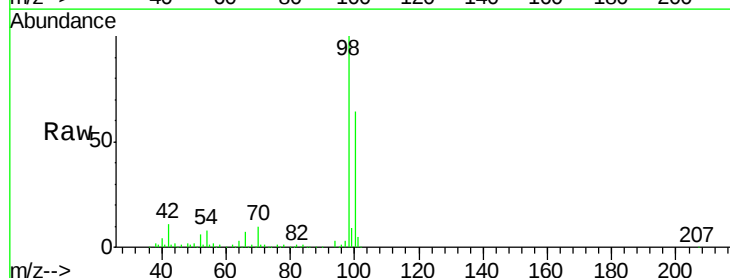
Acq: 29 Jan 2020 18:17

Tgt Ion: 98 Resp: 359280

Ion Ratio Lower Upper

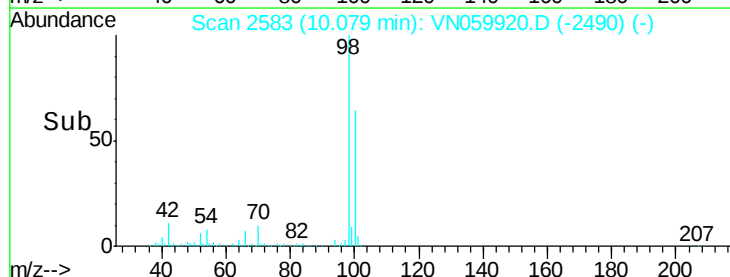
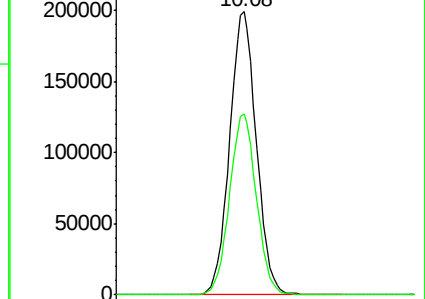
98 100

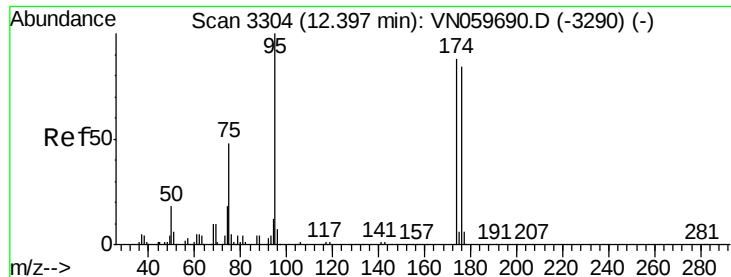
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059920.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059920.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 46.313 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059920.D

Acq: 29 Jan 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#07

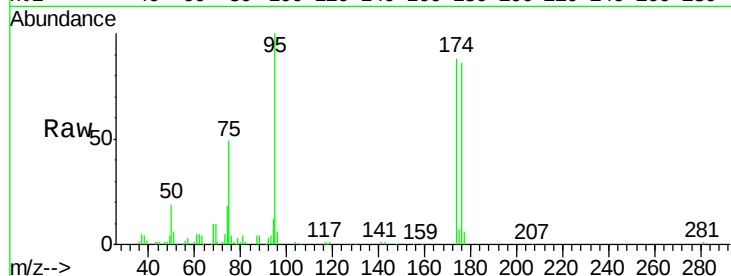
Tot Ion: 95 Resp: 116023

Ion Ratio Lower Upper

95 100

174 88.3 0.0 151.4

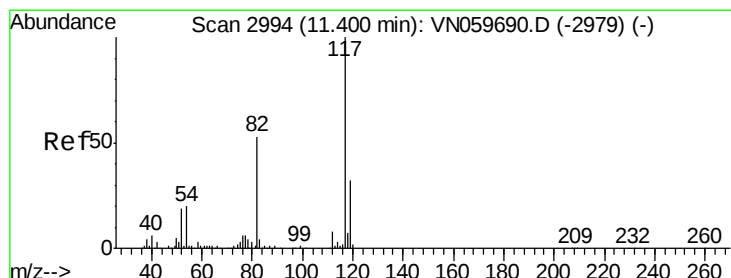
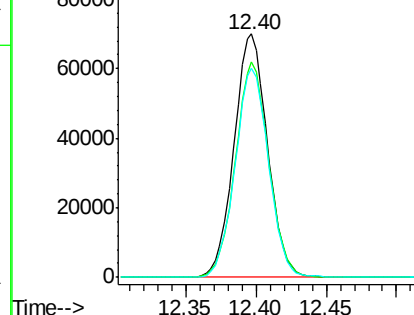
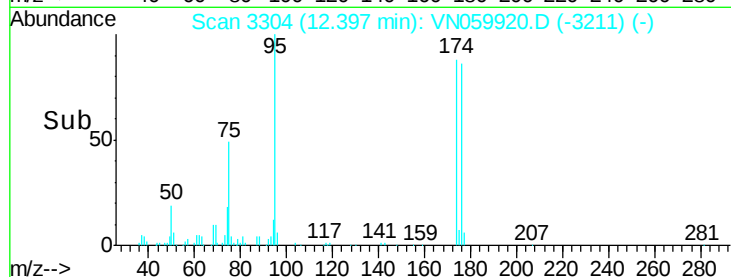
176 86.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059920.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059920.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059920.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059920.D

Acq: 29 Jan 2020 18:17

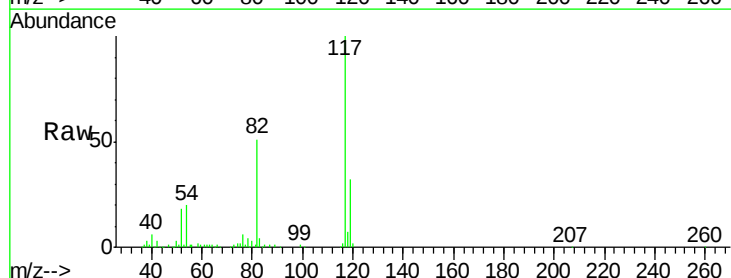
Tgt Ion: 117 Resp: 267614

Ion Ratio Lower Upper

117 100

82 51.4 45.9 68.9

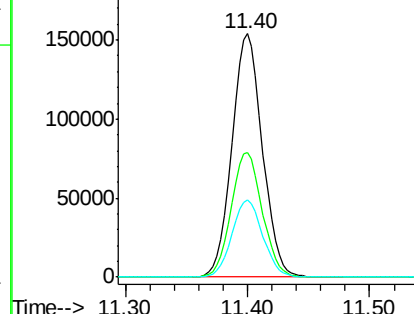
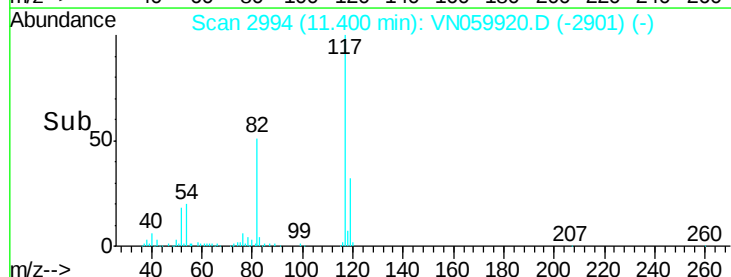
119 31.5 25.5 38.3

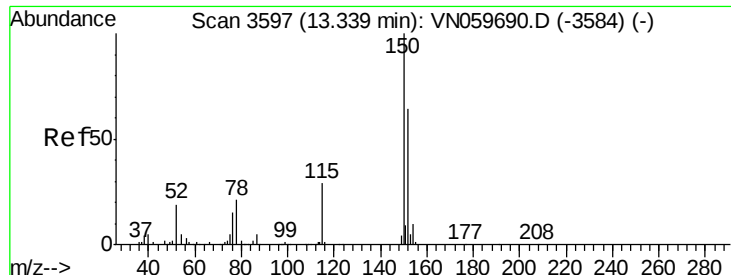


Abundance Ion 116.90 (116.60 to 117.60): VN059920.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059920.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059920.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059920.D

Acq: 29 Jan 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB126412ZHE#07

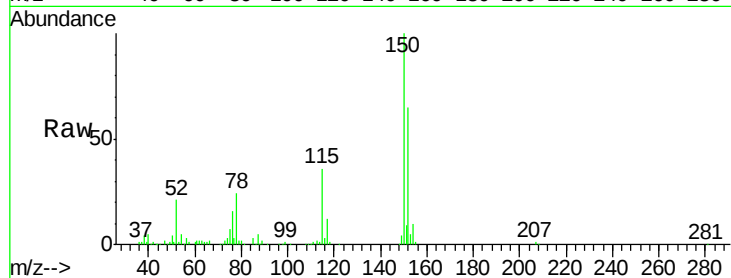
Tot Ion:152 Resp: 107842

Ion Ratio Lower Upper

152 100

115 56.9 30.3 90.9

150 155.2 0.0 345.2



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

