

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059911.D
 Acq On : 29 Jan 2020 14:47
 Operator : JC/MD
 Sample : L1289-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-32-33-COMP

Quant Time: Jan 30 01:02:01 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

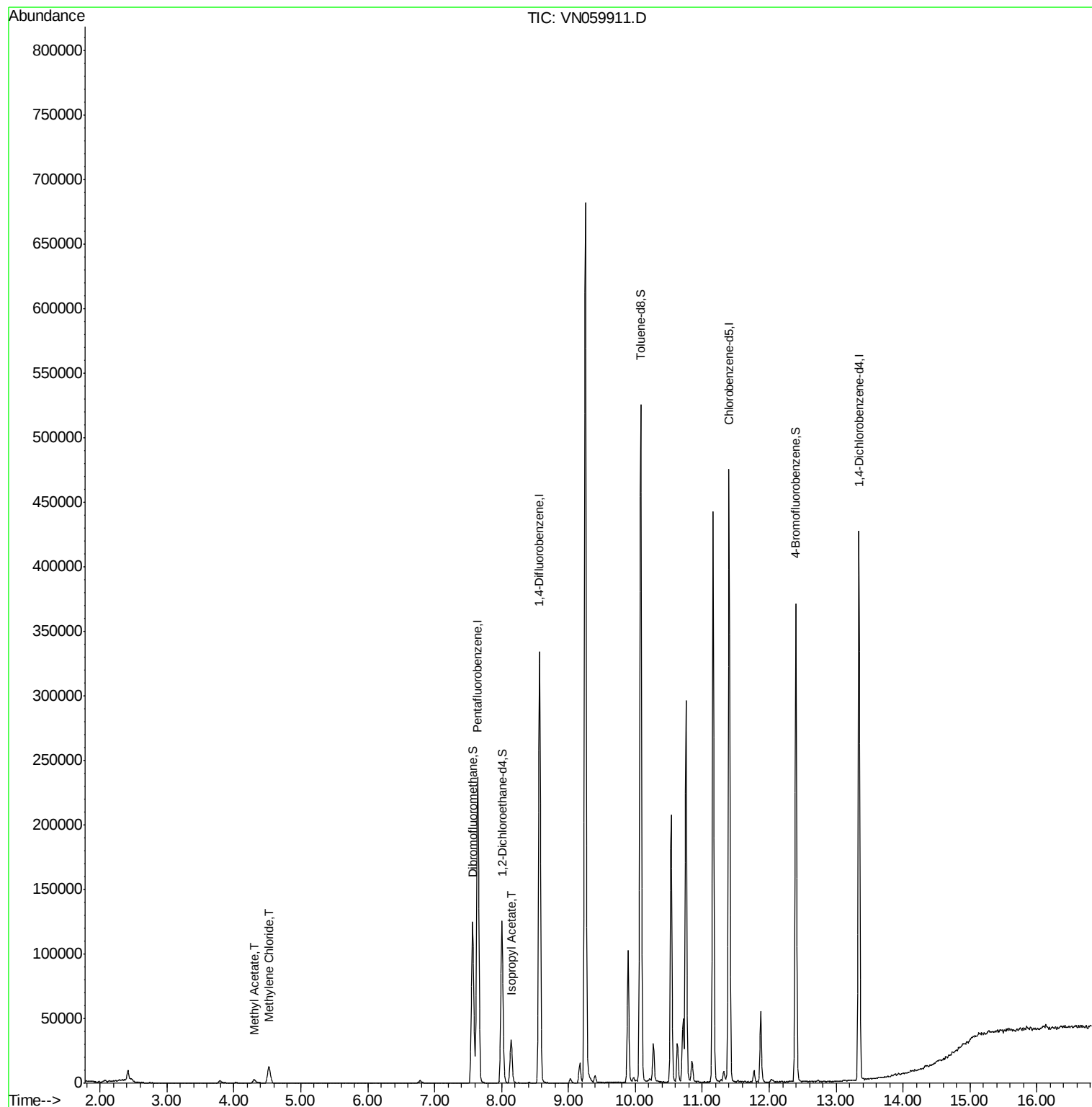
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108588	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.57	113	95191	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.08	98	369852	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	125512	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
18) Methyl Acetate	4.31	43	4954	1.860	ug/l	97
20) Methylene Chloride	4.52	84	10446	3.869	ug/l #	88
43) Isopropyl Acetate	8.14	43	40255	9.184	ug/l #	92

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

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Quant Title : SW846 8260
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: VN059911.D

Acq: 29 Jan 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

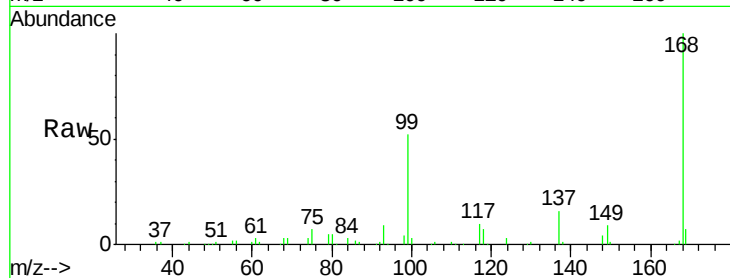
TP-32-33-COMP

Tot Ion:168 Resp: 205373

Ion Ratio Lower Upper

168 100

99 52.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059911.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059911.D (-1732) (-)

7.64

80000

60000

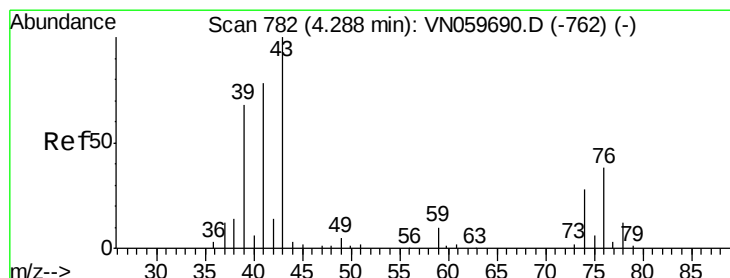
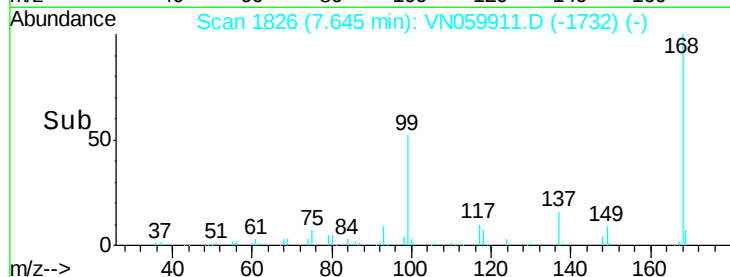
40000

20000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 1.860 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.02 min

Lab File: VN059911.D

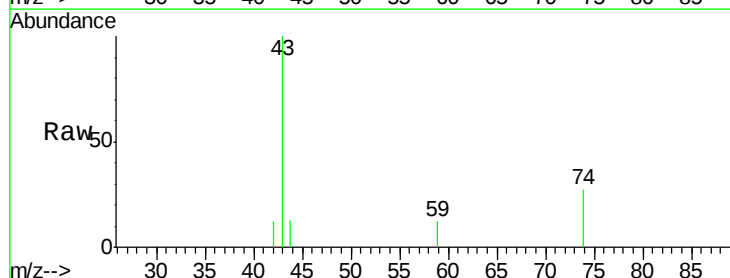
Acq: 29 Jan 2020 14:47

Tgt Ion: 43 Resp: 4954

Ion Ratio Lower Upper

43 100

74 23.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059911.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059911.D (-689) (-)

4.31

1500

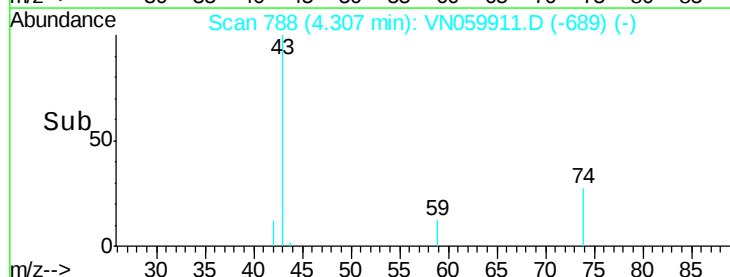
1000

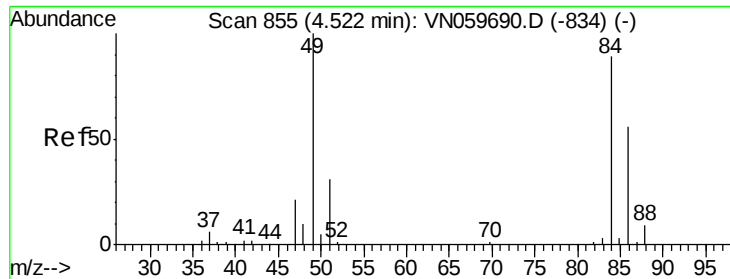
500

0

4.20 4.25 4.30 4.35 4.40

Time-->

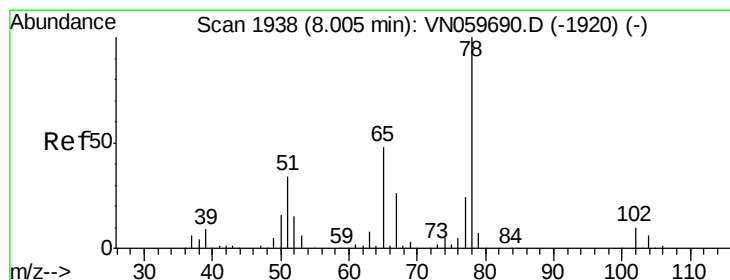
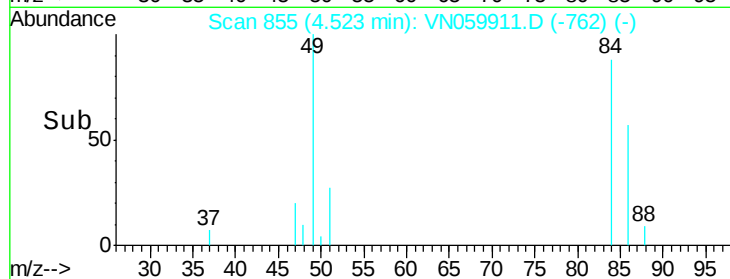
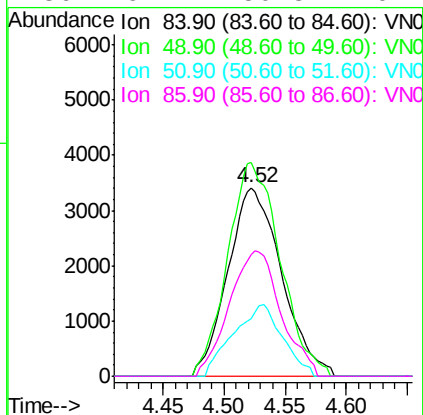
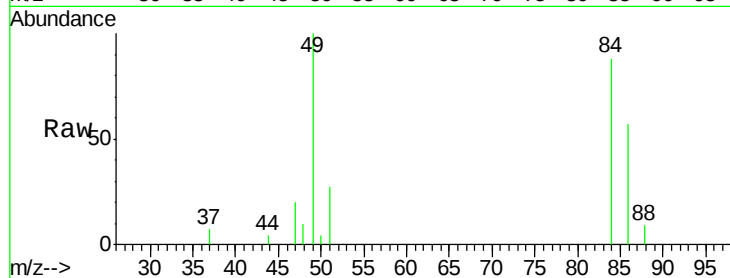




#20
Methvlene Chloride
Concen: 3.869 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059911.D
Acq: 29 Jan 2020 14:47

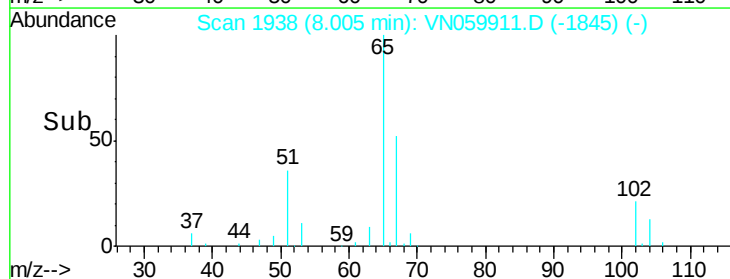
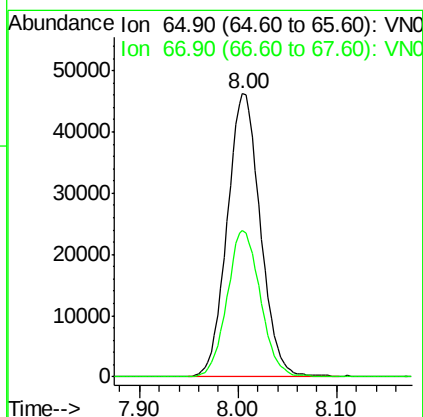
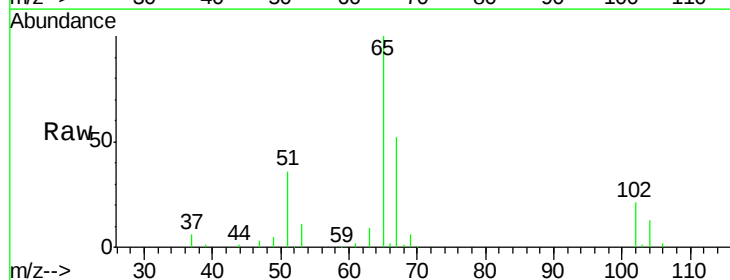
Instrument :
MSVOA_N
ClientSampleId :
TP-32-33-COMP

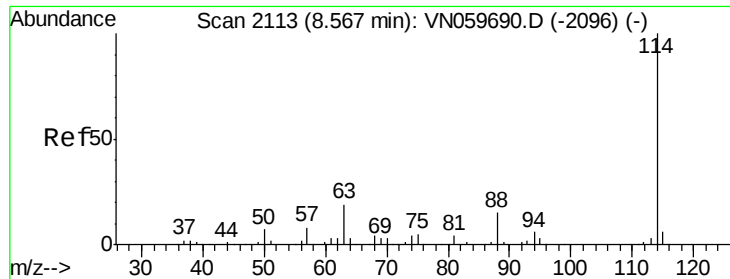
Tot Ion: 84 Resp: 10446
Ion Ratio Lower Upper
84 100
49 113.4 106.6 160.0
51 30.8 31.9 47.9#
86 64.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.611 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059911.D
Acq: 29 Jan 2020 14:47

Tgt Ion: 65 Resp: 108588
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

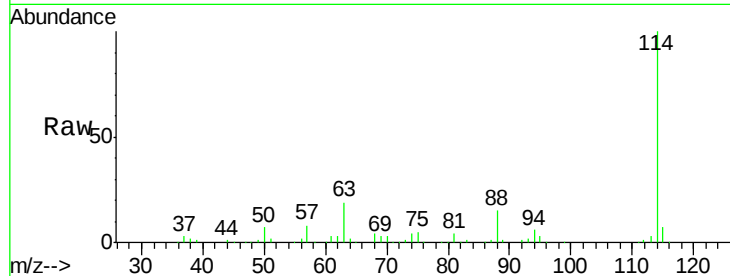




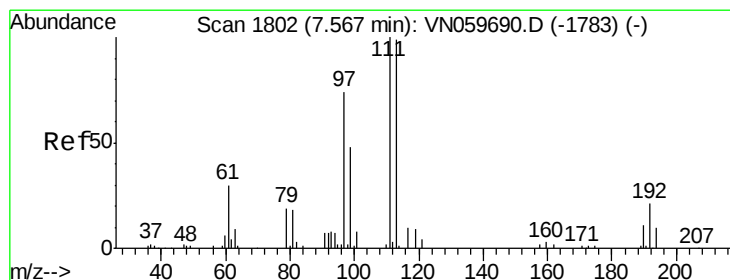
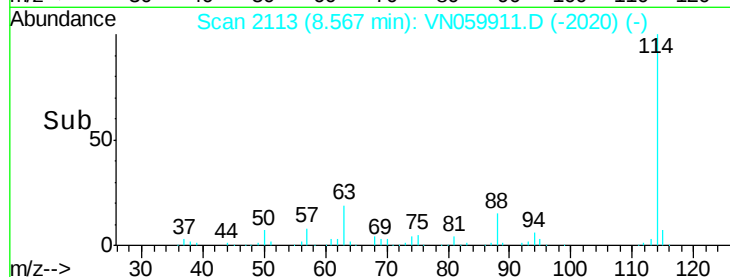
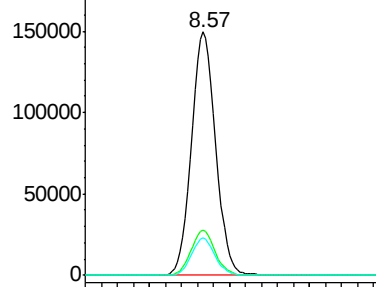
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059911.D
Acq: 29 Jan 2020 14:47

Instrument :
MSVOA_N
ClientSampleId :
TP-32-33-COMP

Tot Ion:114 Resp: 312010
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.6
88 15.3 0.0 31.4

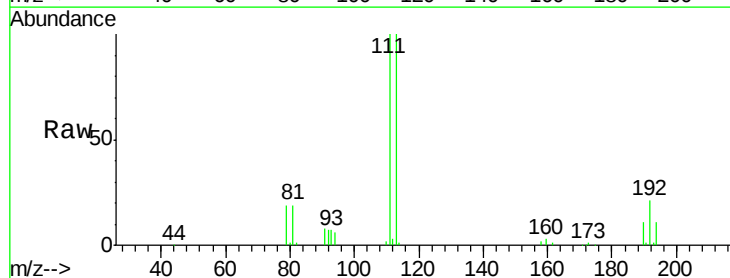


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

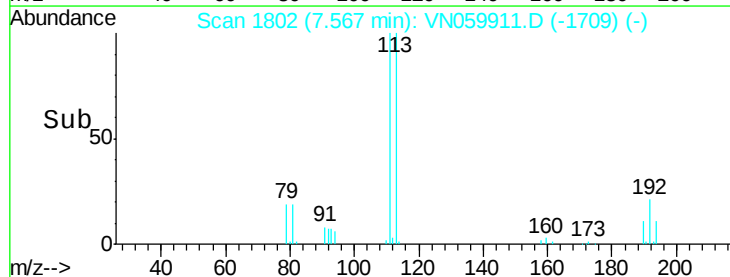
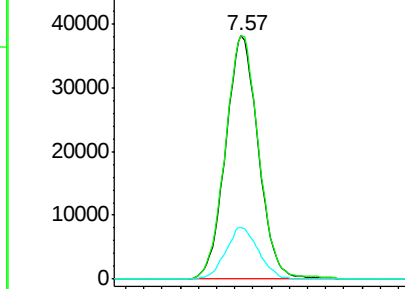


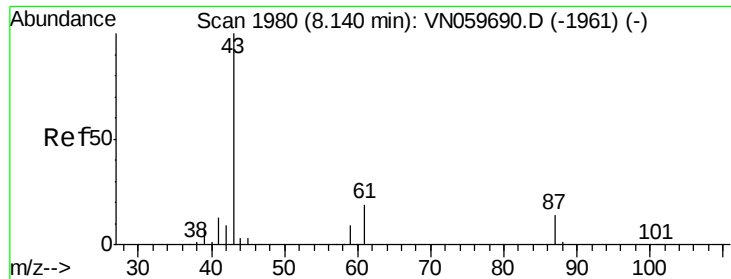
#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059911.D
Acq: 29 Jan 2020 14:47

Tgt Ion:113 Resp: 95191
Ion Ratio Lower Upper
113 100
111 101.9 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: 9.184 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059911.D

Acq: 29 Jan 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

TP-32-33-COMP

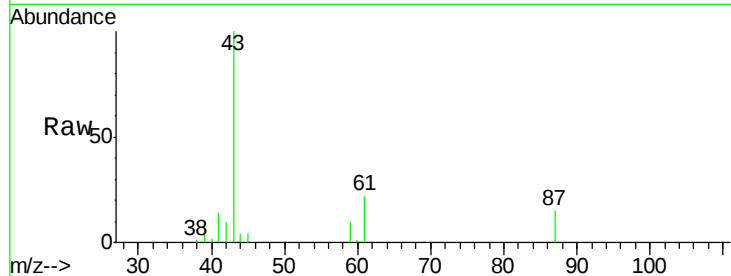
Tot Ion: 43 Resp: 40255

Ion Ratio Lower Upper

43 100

61 20.6 20.2 30.2

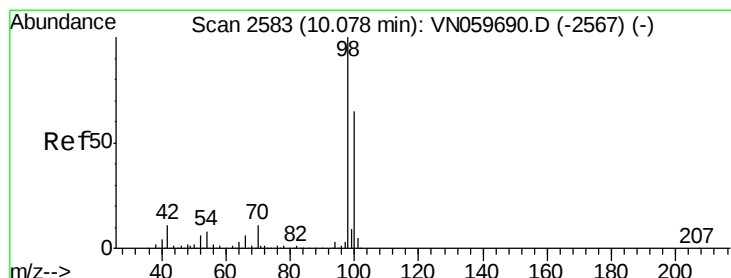
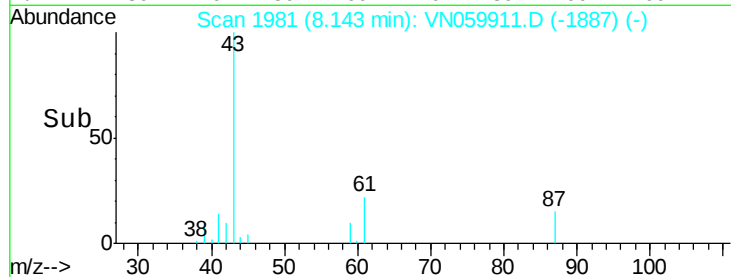
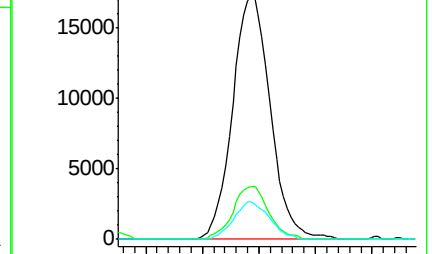
87 14.5 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059911.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059911.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059911.D (-1887) (-)



#50

Toluene-d8

Concen: 51.303 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059911.D

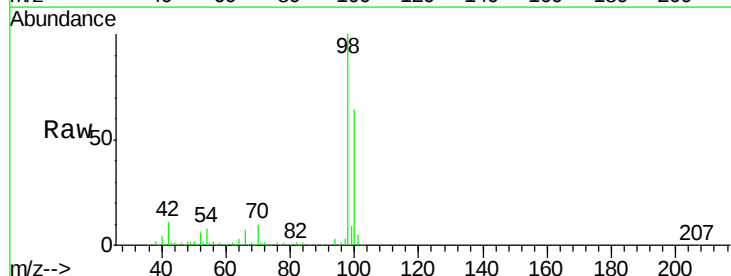
Acq: 29 Jan 2020 14:47

Tgt Ion: 98 Resp: 369852

Ion Ratio Lower Upper

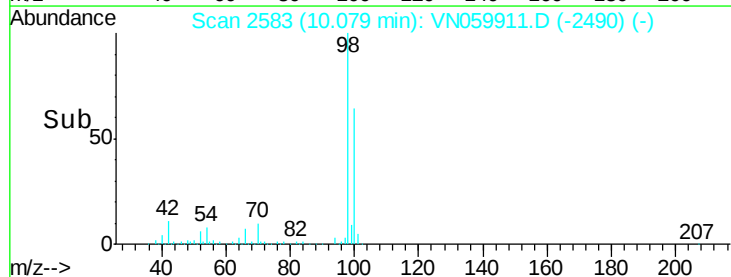
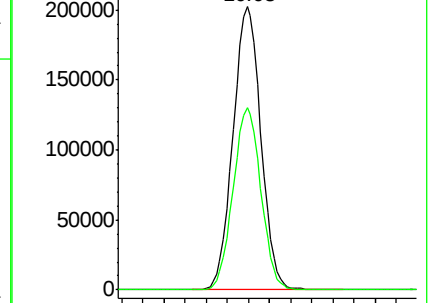
98 100

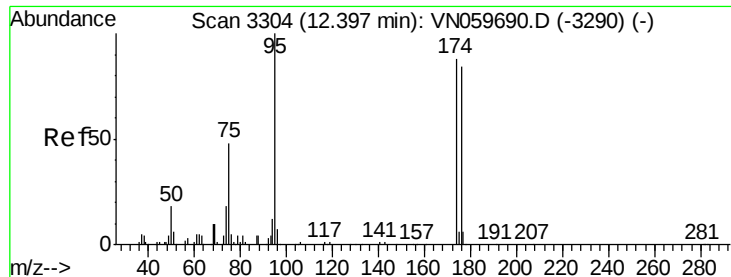
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059911.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059911.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 48.295 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059911.D

Acq: 29 Jan 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

TP-32-33-COMP

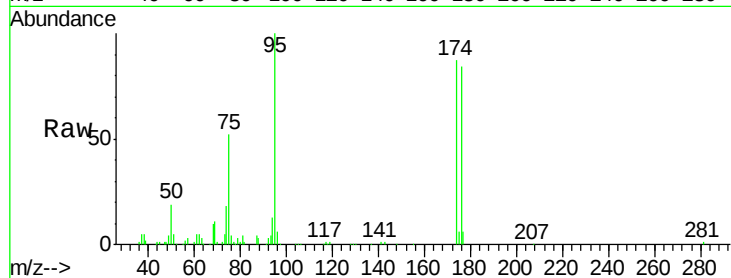
Tot Ion: 95 Resp: 125512

Ion Ratio Lower Upper

95 100

174 87.6 0.0 151.4

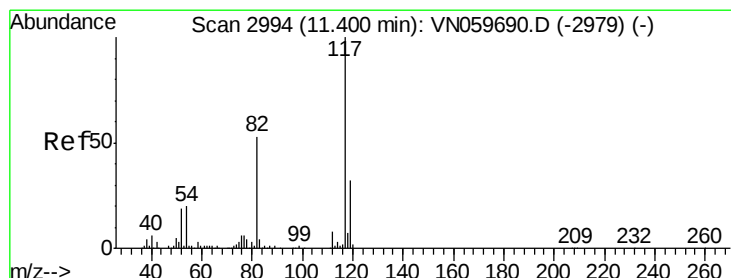
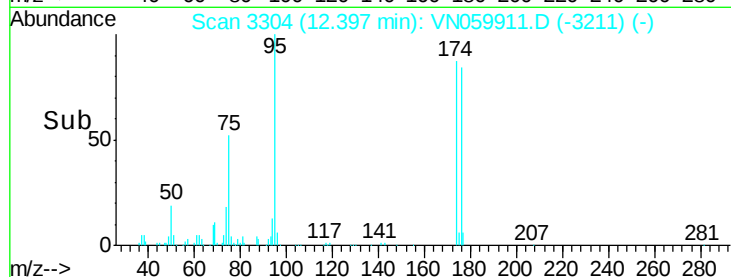
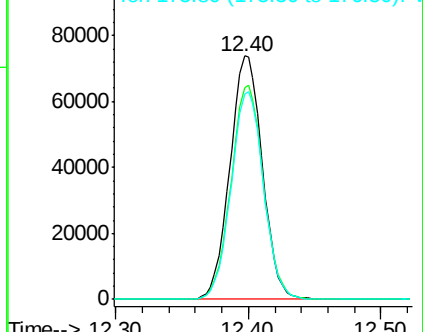
176 85.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059911.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059911.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059911.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059911.D

Acq: 29 Jan 2020 14:47

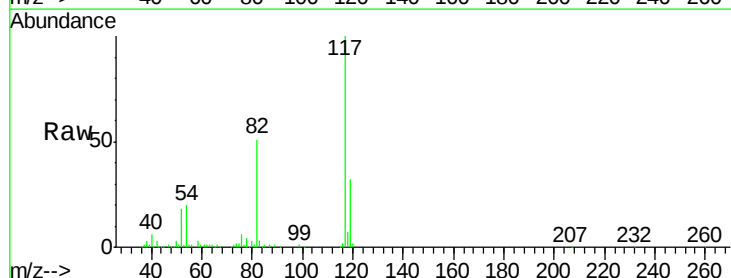
Tgt Ion: 117 Resp: 282989

Ion Ratio Lower Upper

117 100

82 51.4 45.9 68.9

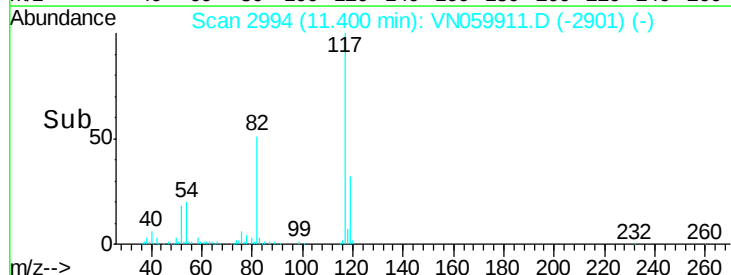
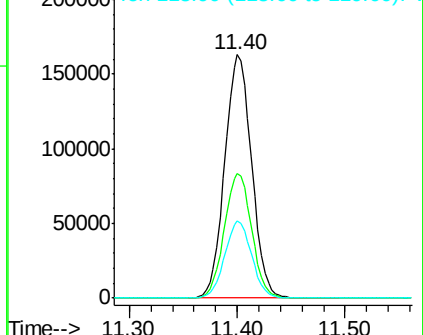
119 31.7 25.5 38.3

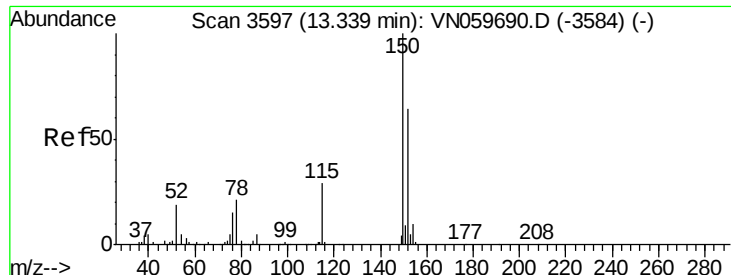


Abundance Ion 116.90 (116.60 to 117.60): VN059911.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059911.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059911.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059911.D

Acq: 29 Jan 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

TP-32-33-COMP

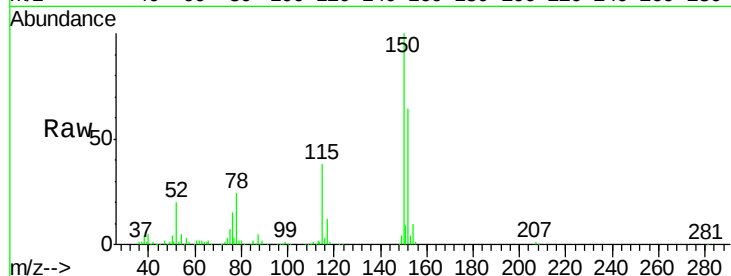
Tot Ion:152 Resp: 119915

Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.9

150 155.9 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

