

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059909.D
 Acq On : 29 Jan 2020 14:00
 Operator : JC/MD
 Sample : L1289-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-26-27-COMP

Quant Time: Jan 30 00:58:13 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

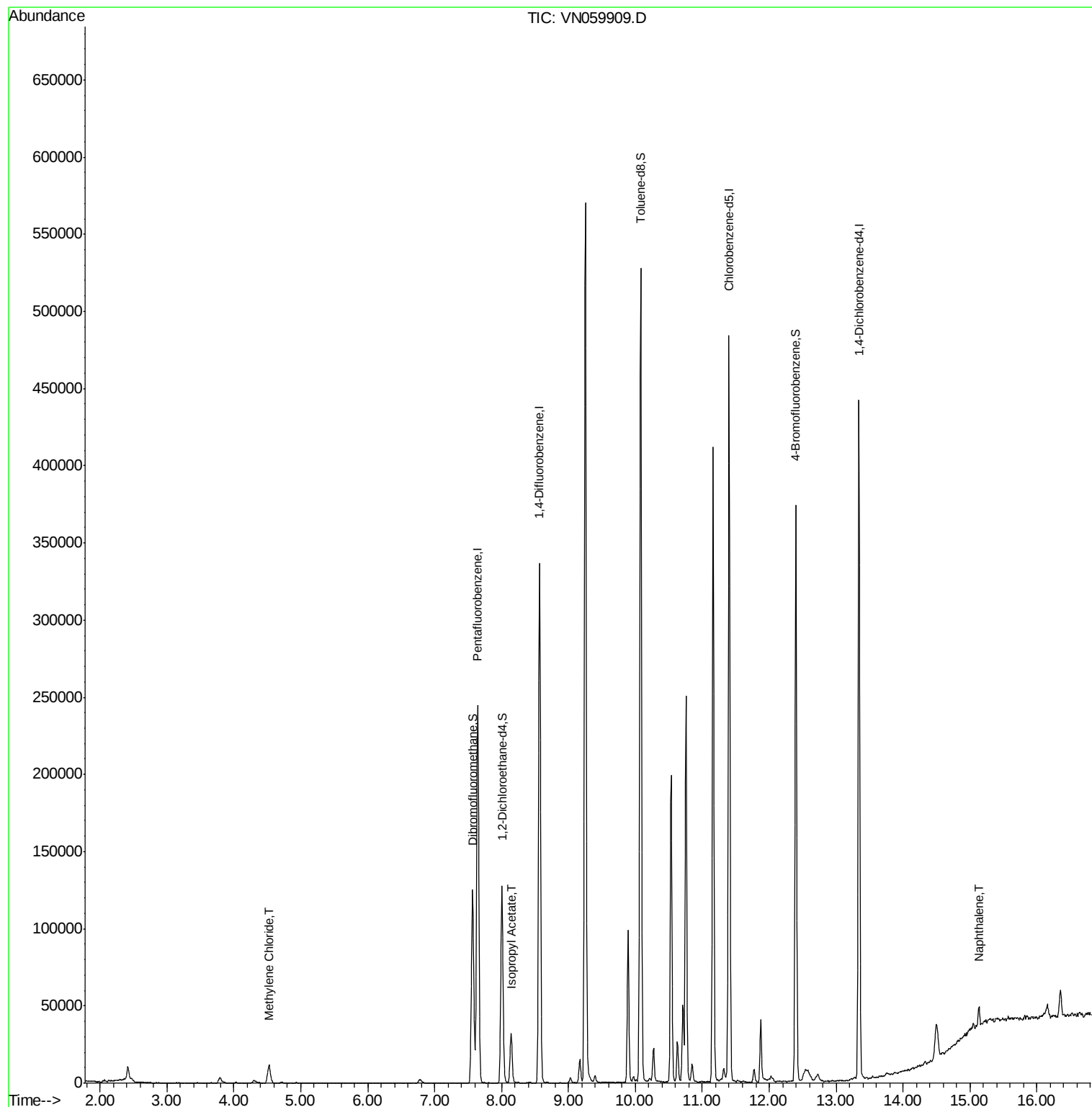
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110939	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	7.57	113	95426	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.08	98	374000	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.40	95	127418	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
Target Compounds						
20) Methylene Chloride	4.53	84	9459	3.300	ug/l	89
43) Isopropyl Acetate	8.14	43	37349	8.334	ug/l #	91
95) Naphthalene	15.13	128	11215	1.682	ug/l	99

(#) = 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: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

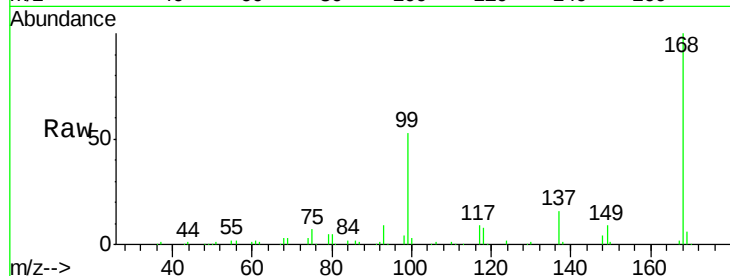
TP-26-27-COMP

Tot Ion:168 Resp: 208804

Ion Ratio Lower Upper

168 100

99 52.9 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

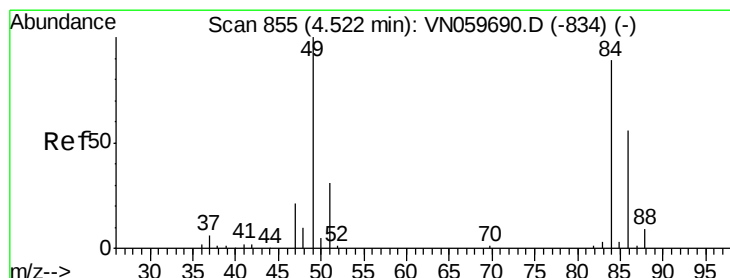
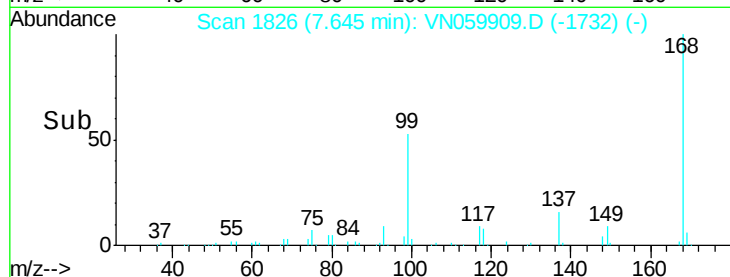
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 3.300 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

Tgt Ion: 84 Resp: 9459

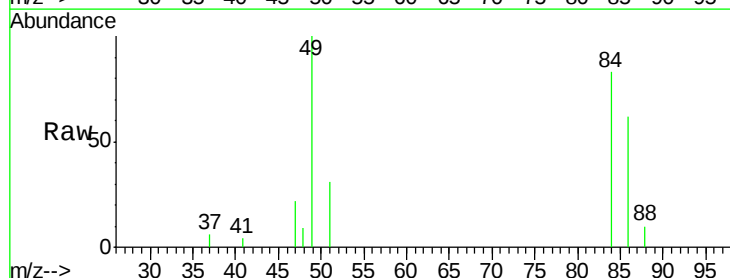
Ion Ratio Lower Upper

84 100

49 120.1 106.6 160.0

51 37.1 31.9 47.9

86 74.8 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.53

5000

4000

3000

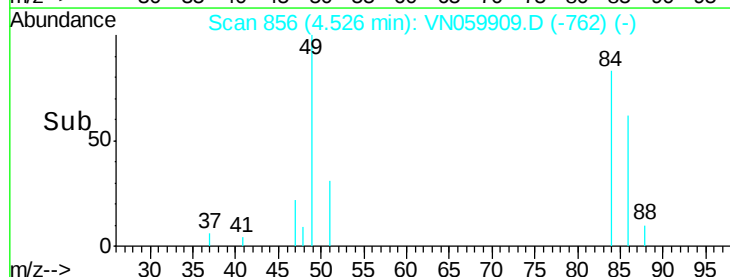
2000

1000

0

4.45 4.50 4.55 4.60

Time-->

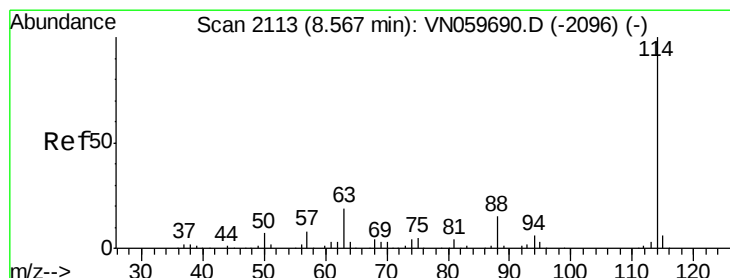
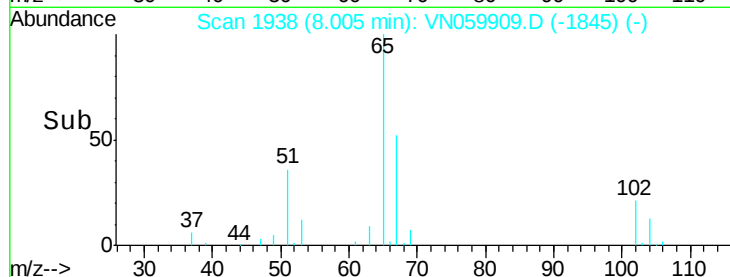
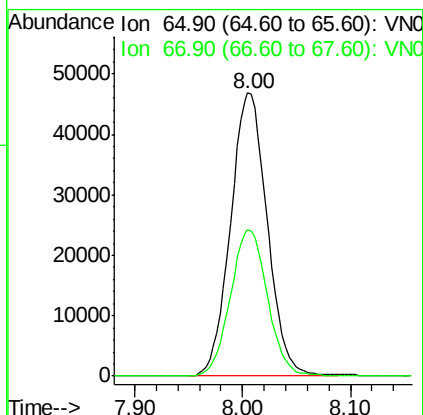
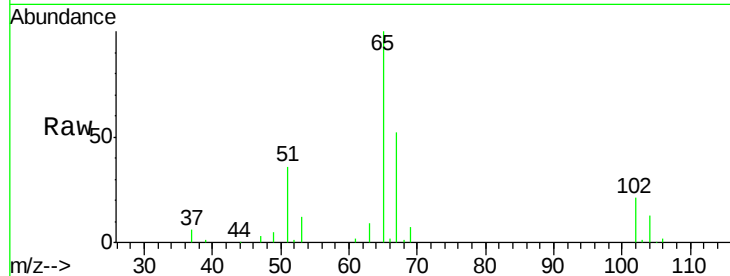




#33
 1,2-Dichloroethane-d4
 Concen: 47.843 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059909.D
 Acq: 29 Jan 2020 14:00

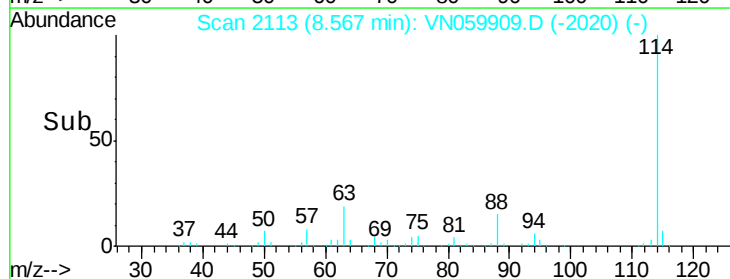
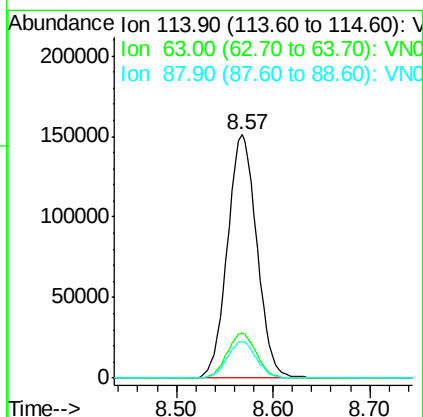
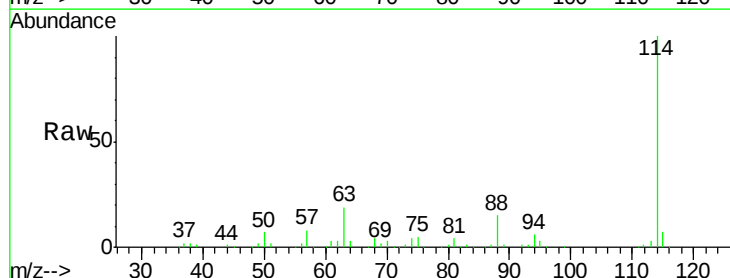
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-26-27-COMP

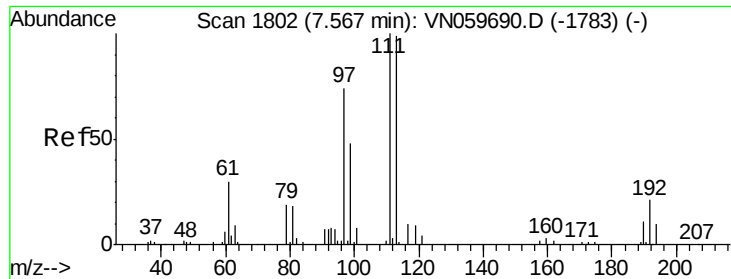
Tot Ion: 65 Resp: 110939
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059909.D
 Acq: 29 Jan 2020 14:00

Tgt Ion: 114 Resp: 319014
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.160 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

TP-26-27-COMP

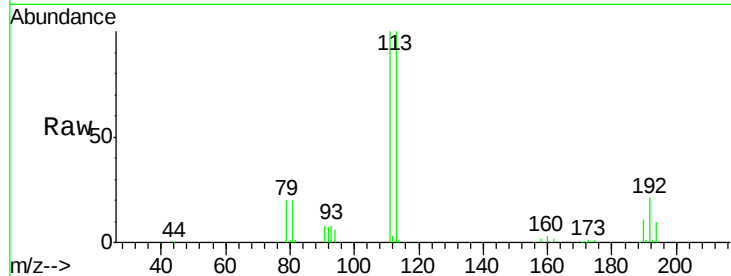
Tot Ion:113 Resp: 95426

Ion Ratio Lower Upper

113 100

111 101.9 83.5 125.3

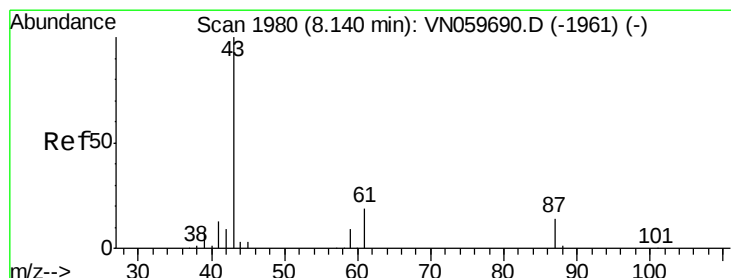
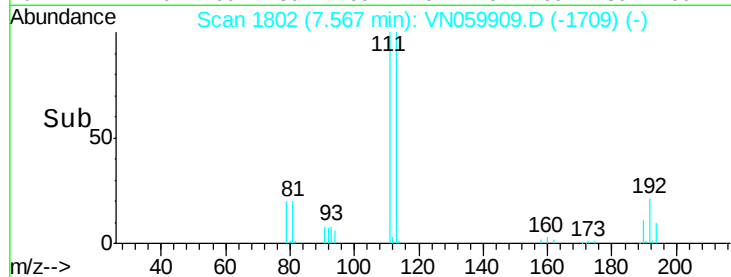
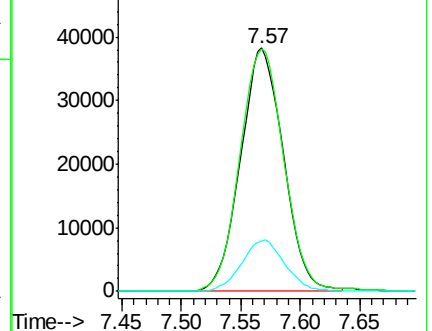
192 21.1 15.4 23.2



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: 8.334 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

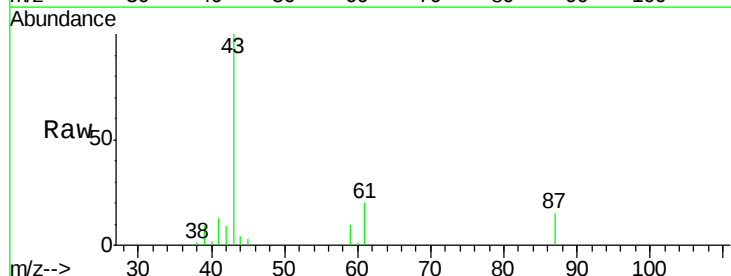
Tgt Ion: 43 Resp: 37349

Ion Ratio Lower Upper

43 100

61 20.5 20.2 30.2

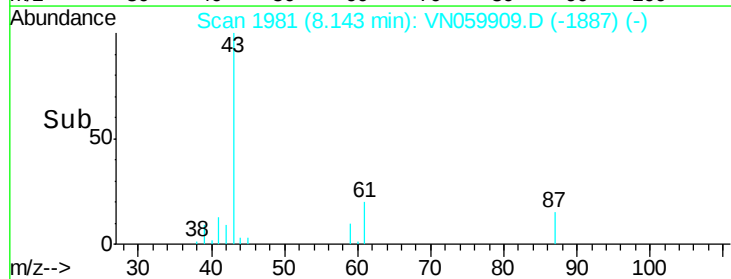
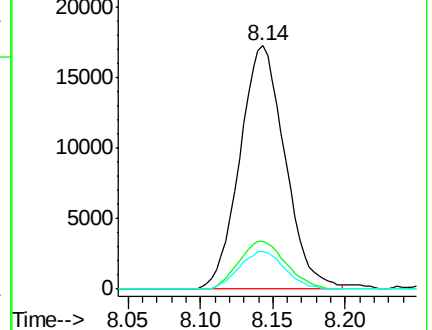
87 15.5 9.5 14.3#

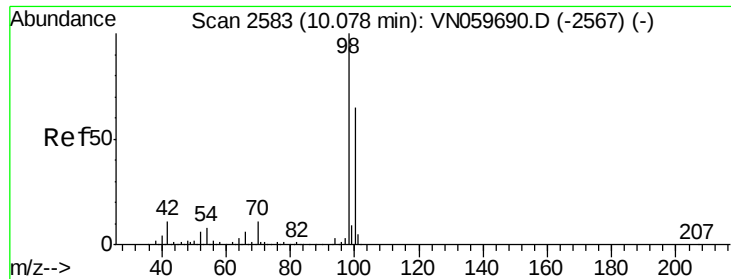


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.740 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

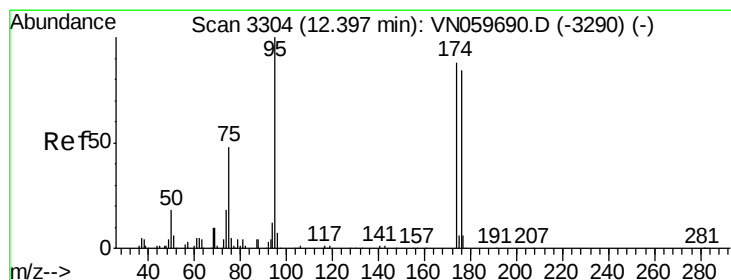
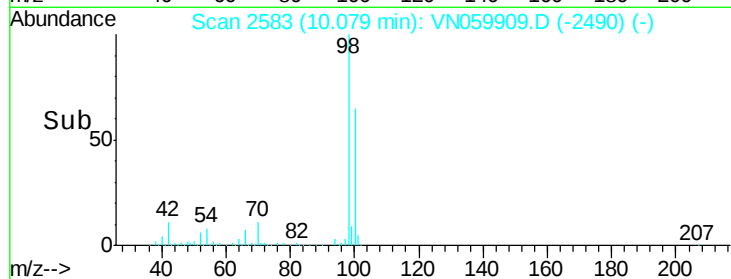
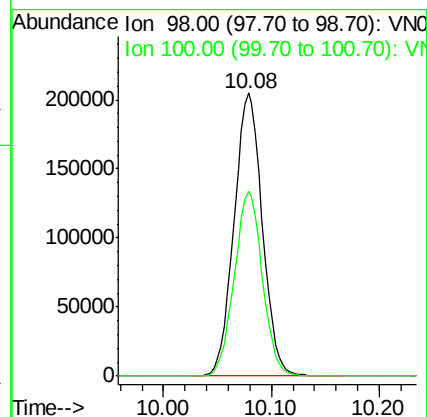
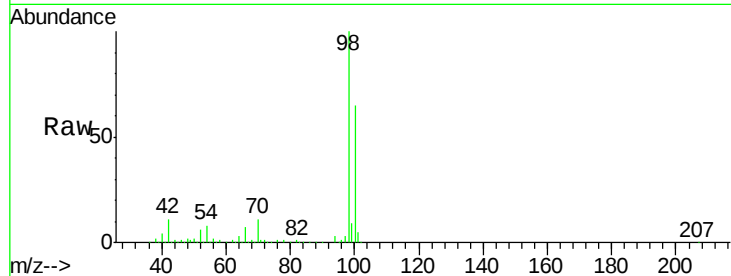
TP-26-27-COMP

Tot Ion: 98 Resp: 374000

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.952 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

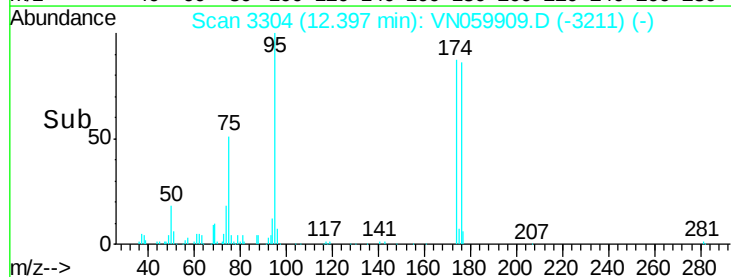
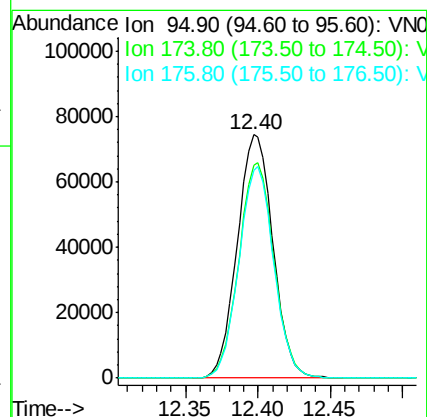
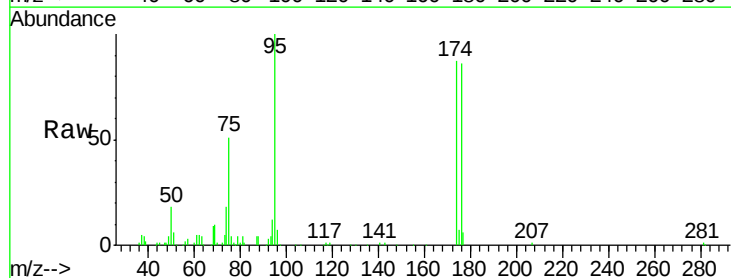
Tgt Ion: 95 Resp: 127418

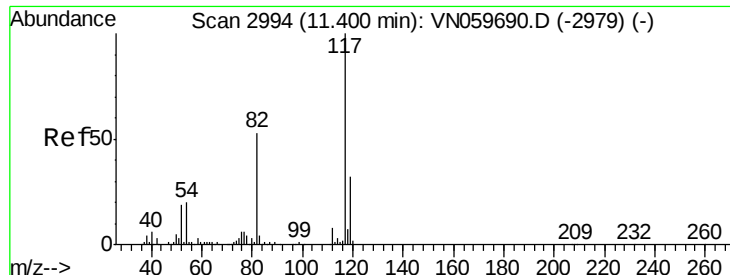
Ion Ratio Lower Upper

95 100

174 87.2 0.0 151.4

176 85.1 0.0 146.0

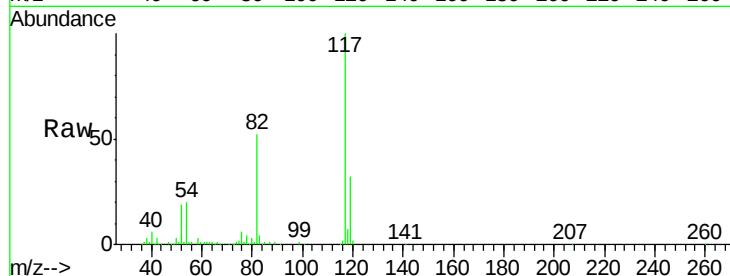




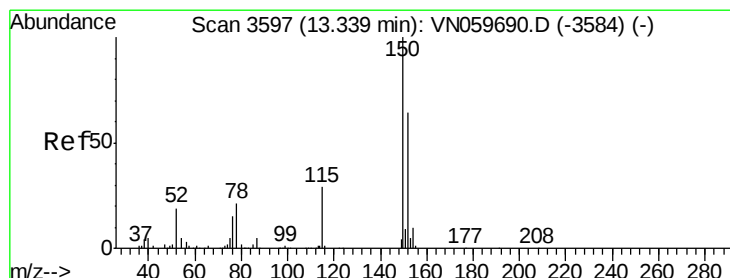
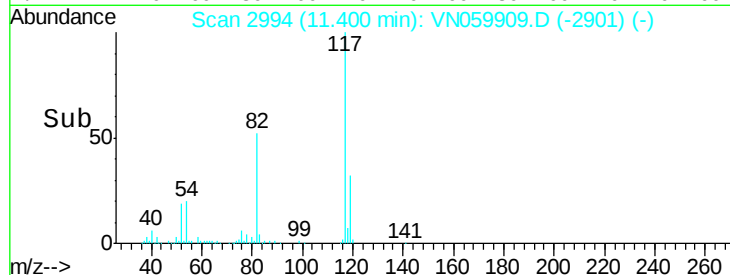
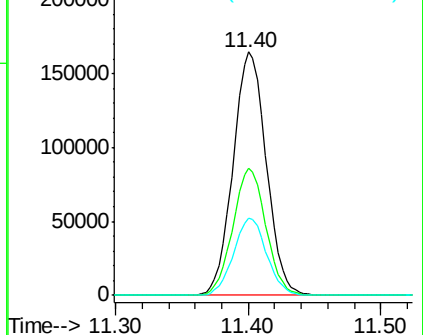
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059909.D
Acq: 29 Jan 2020 14:00

Instrument :
MSVOA_N
ClientSampleId :
TP-26-27-COMP

Tot Ion:117 Resp: 286004
Ion Ratio Lower Upper
117 100
82 52.3 45.9 68.9
119 31.8 25.5 38.3

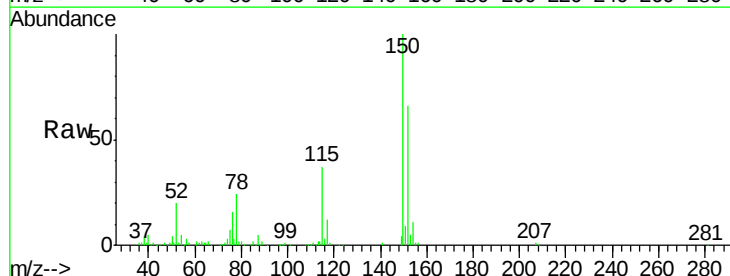


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

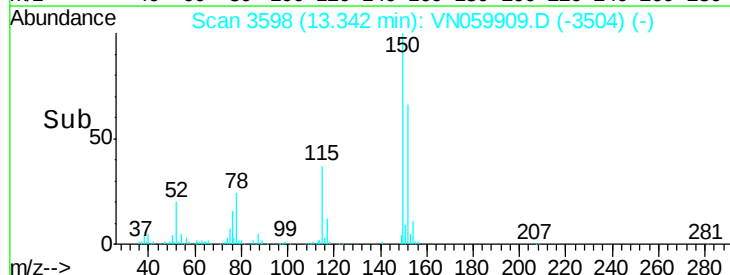
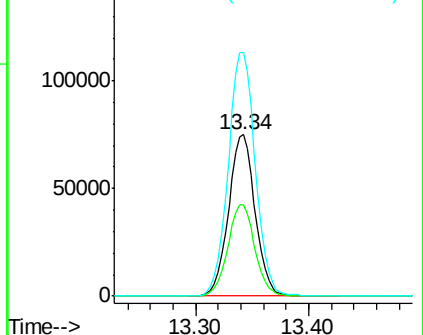


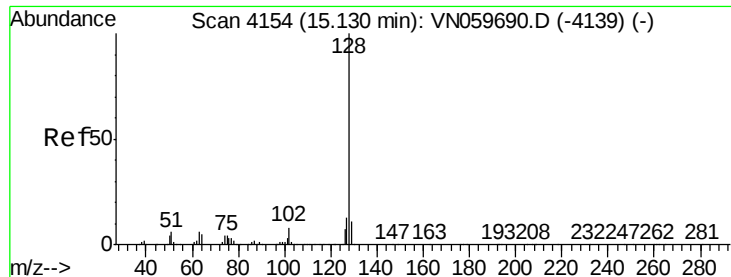
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059909.D
Acq: 29 Jan 2020 14:00

Tgt Ion:152 Resp: 122350
Ion Ratio Lower Upper
152 100
115 57.7 30.3 90.9
150 154.0 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





#95

Naphthalene

Concen: 1.682 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059909.D

Acq: 29 Jan 2020 14:00

Instrument :

MSVOA_N

ClientSampleId :

TP-26-27-COMP

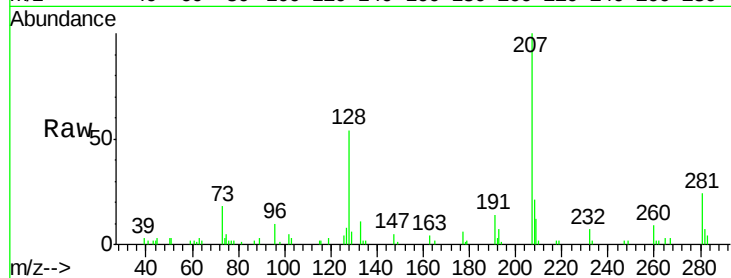
Tot Ion:128 Resp: 11215

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

