

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059878.D
 Acq On : 27 Jan 2020 17:26
 Operator : JC/MD
 Sample : L1269-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-24-COMP

Quant Time: Jan 27 23:34:14 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

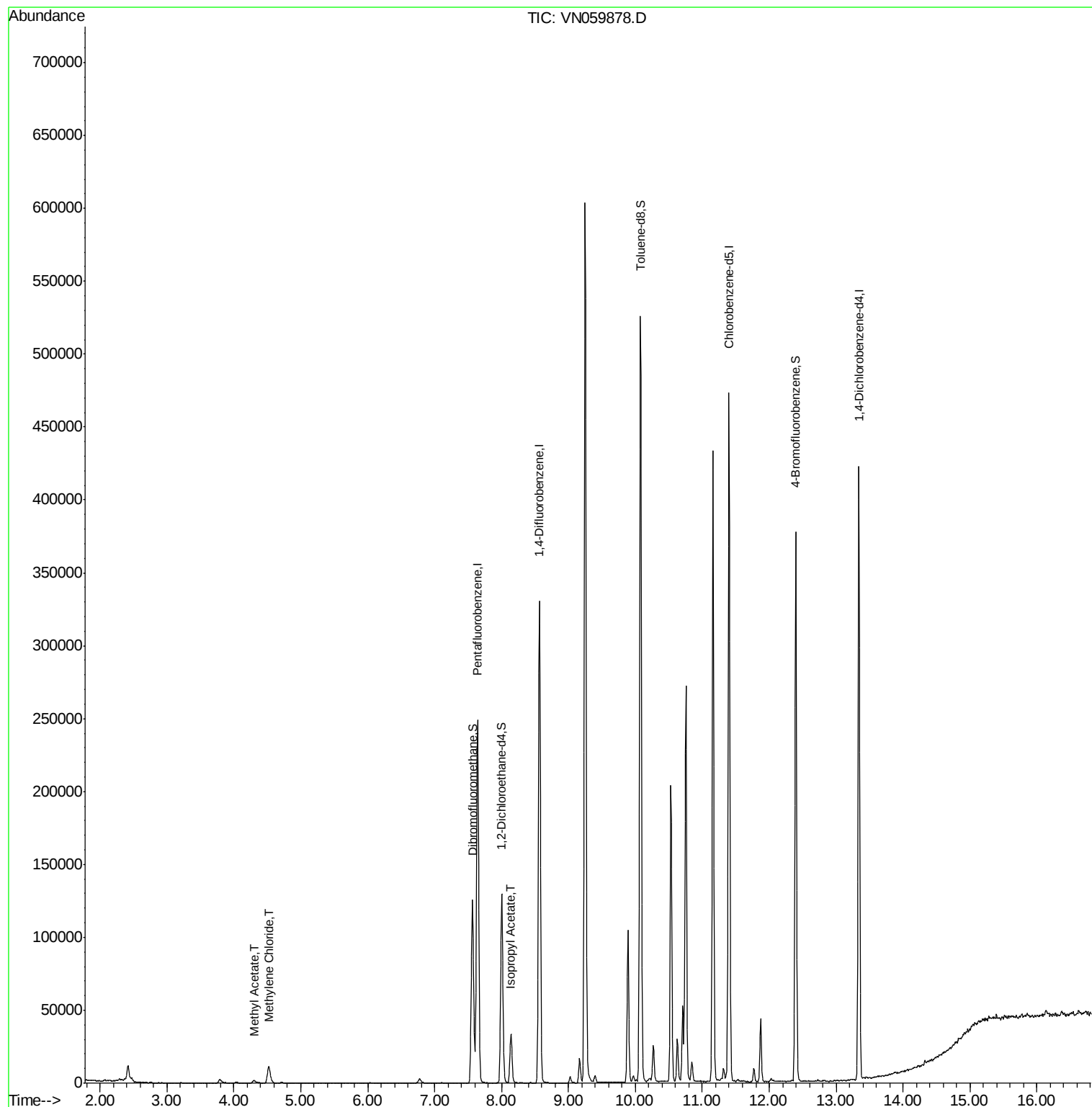
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	212140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111063	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	7.56	113	95924	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.08	98	374687	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	125402	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
18) Methyl Acetate	4.30	43	3629	1.319	ug/l #	70
20) Methylene Chloride	4.51	84	9770	3.377	ug/l #	78
43) Isopropyl Acetate	8.14	43	39423	8.881	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: VN059878.D

Acq: 27 Jan 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

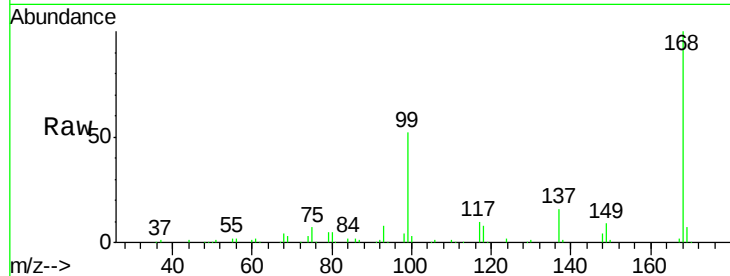
TP-25-24-COMP

Tot Ion:168 Resp: 212140

Ion Ratio Lower Upper

168 100

99 51.5 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

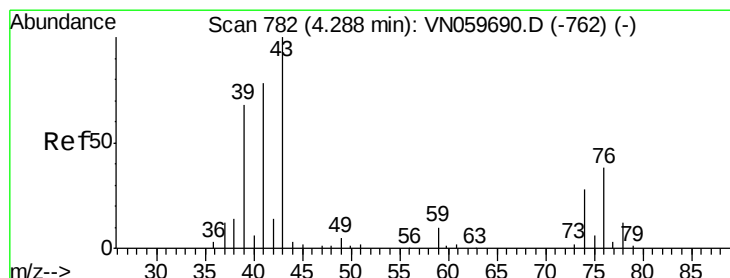
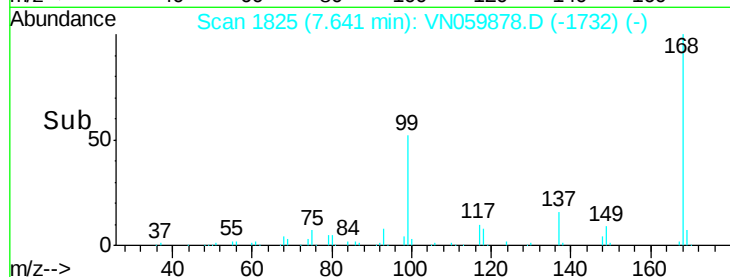
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 1.319 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059878.D

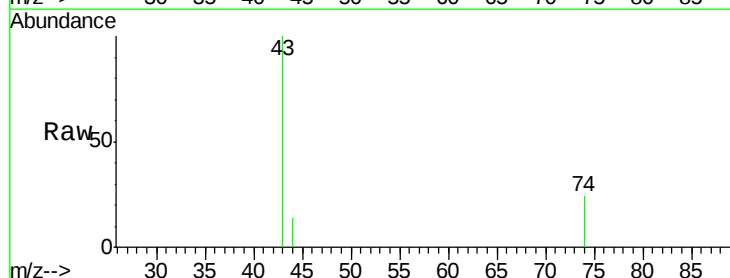
Acq: 27 Jan 2020 17:26

Tgt Ion: 43 Resp: 3629

Ion Ratio Lower Upper

43 100

74 7.6 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

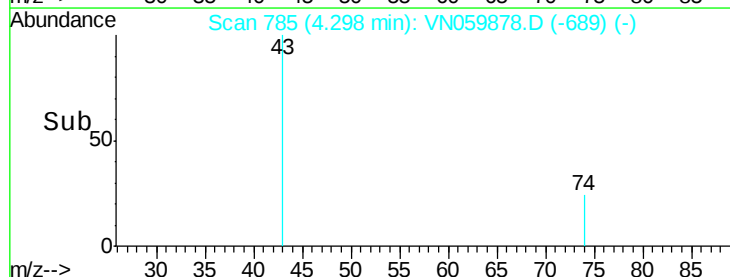
1000

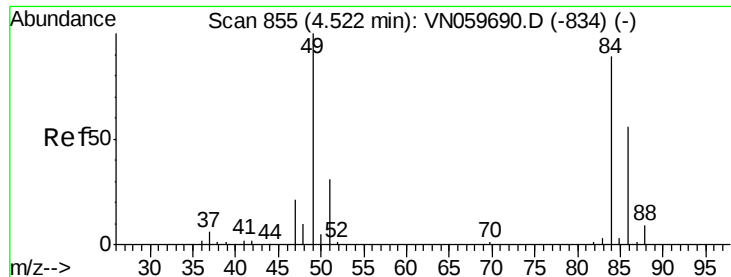
500

0

4.25 4.30 4.35

Time-->

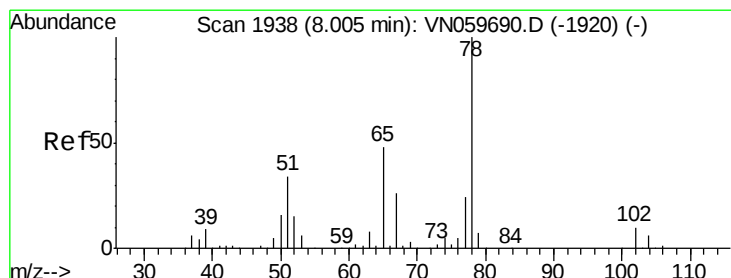
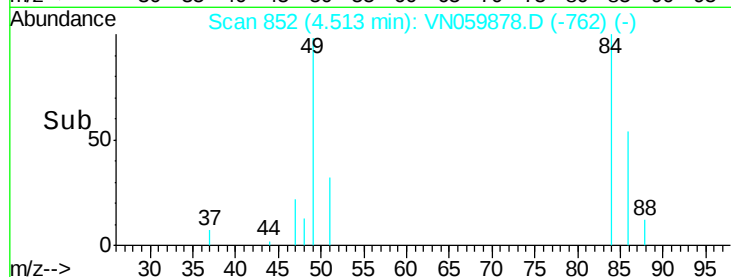
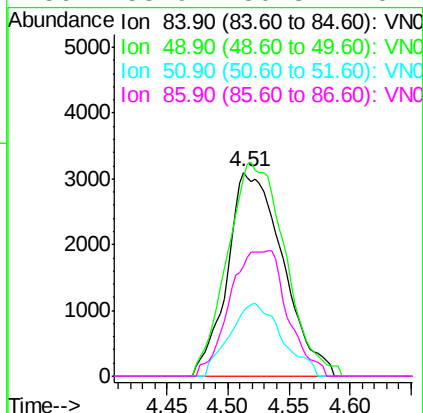
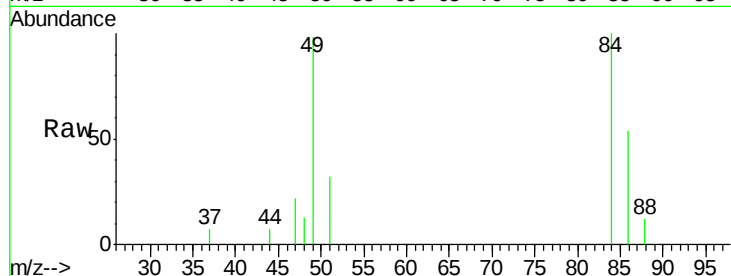




#20
Methvlene Chloride
Concen: 3.377 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN059878.D
Acq: 27 Jan 2020 17:26

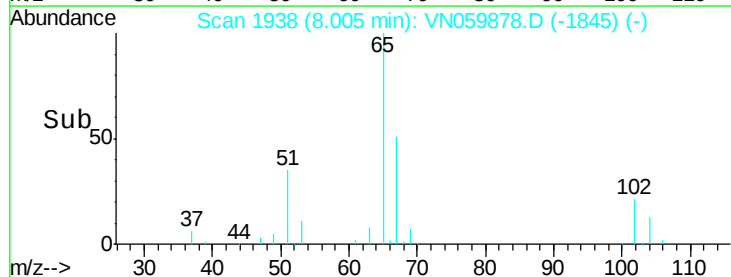
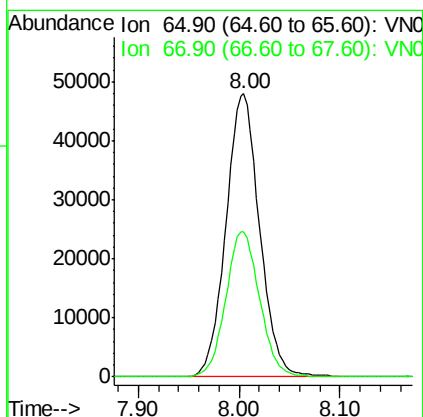
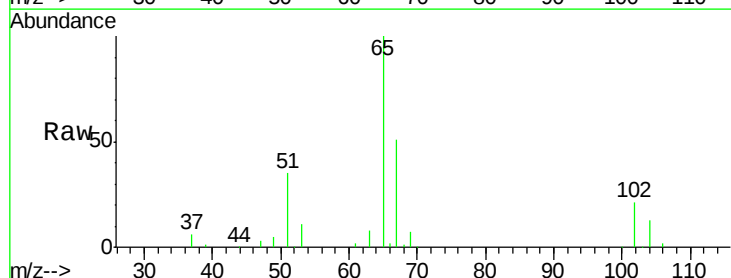
Instrument :
MSVOA_N
ClientSampleId :
TP-25-24-COMP

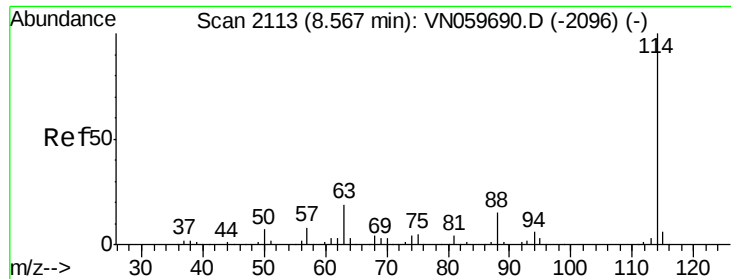
Tot Ion: 84 Resp: 9770
Ion Ratio Lower Upper
84 100
49 97.8 106.6 160.0#
51 32.2 31.9 47.9
86 53.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.143 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059878.D
Acq: 27 Jan 2020 17:26

Tgt Ion: 65 Resp: 111063
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

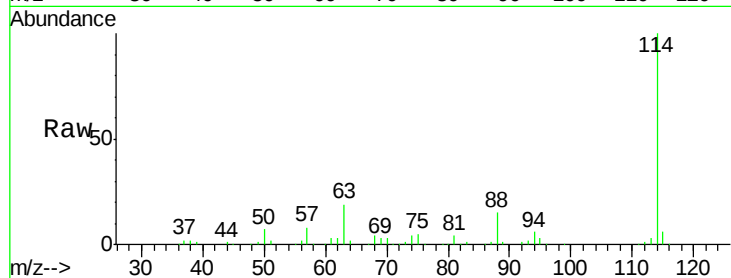




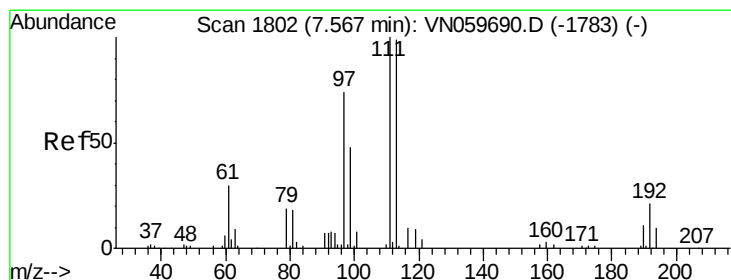
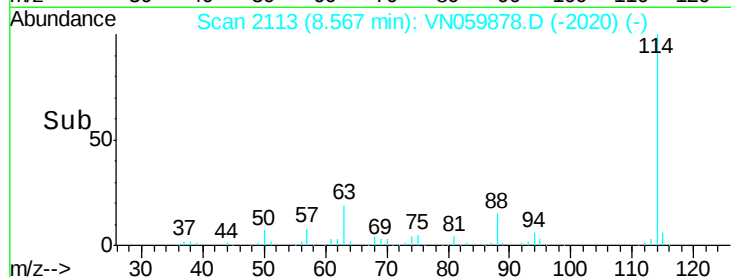
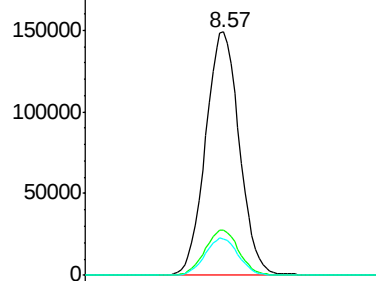
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059878.D
 Acq: 27 Jan 2020 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-24-COMP

Tot Ion:114 Resp: 315985
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 43.6
 88 15.1 0.0 31.4

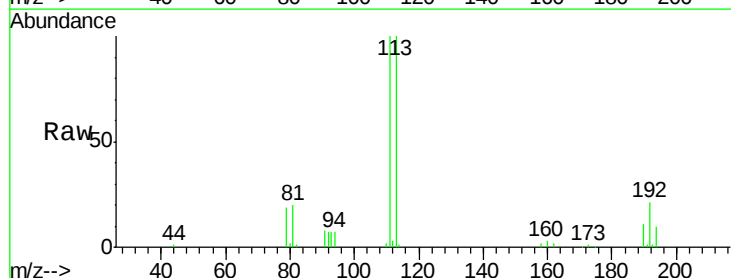


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

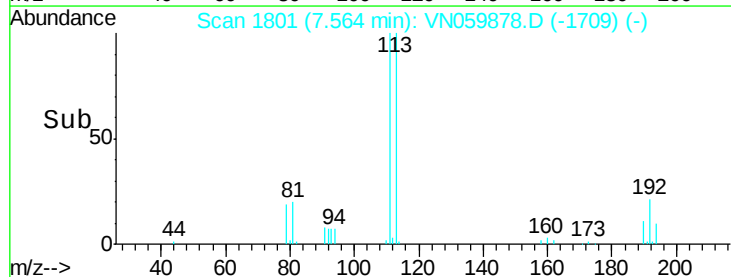
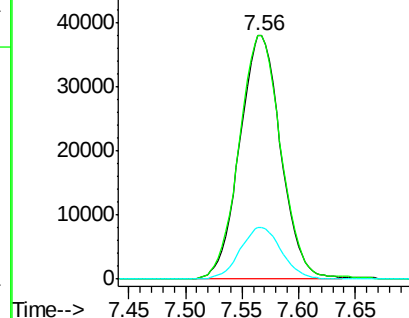


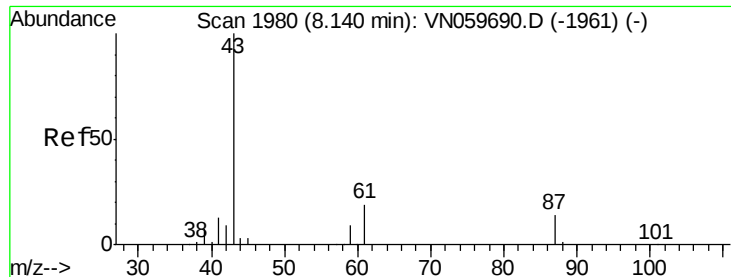
#35
 Dibromofluoromethane
 Concen: 50.905 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059878.D
 Acq: 27 Jan 2020 17:26

Tgt Ion:113 Resp: 95924
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.5 125.3
 192 21.3 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: 8.881 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059878.D

Acq: 27 Jan 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

TP-25-24-COMP

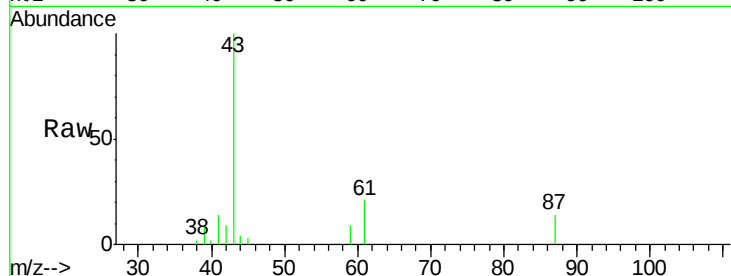
Tot Ion: 43 Resp: 39423

Ion Ratio Lower Upper

43 100

61 20.7 20.2 30.2

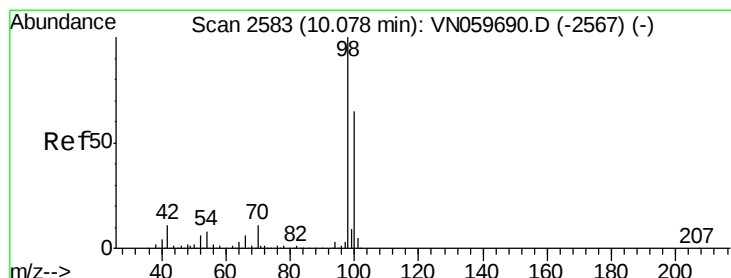
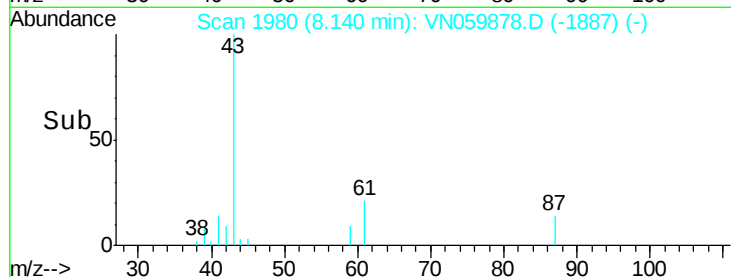
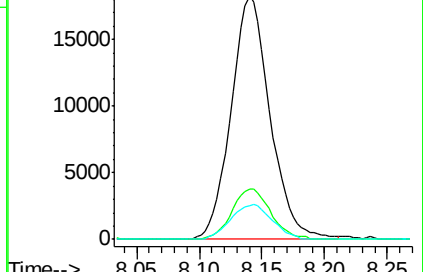
87 15.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059878.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059878.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059878.D (-1887) (-)



#50

Toluene-d8

Concen: 51.320 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059878.D

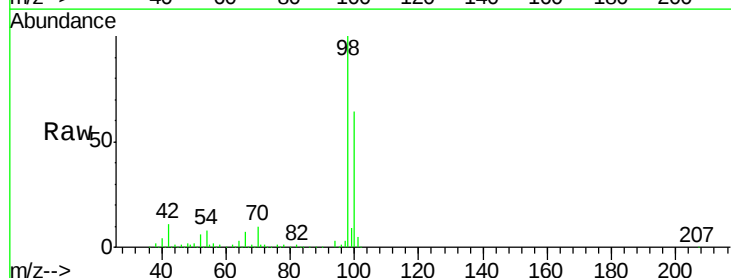
Acq: 27 Jan 2020 17:26

Tgt Ion: 98 Resp: 374687

Ion Ratio Lower Upper

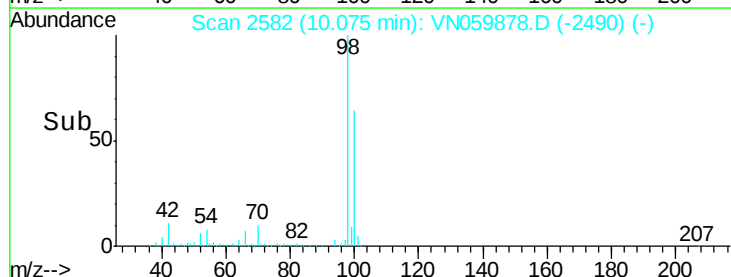
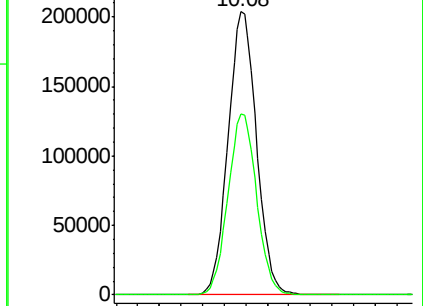
98 100

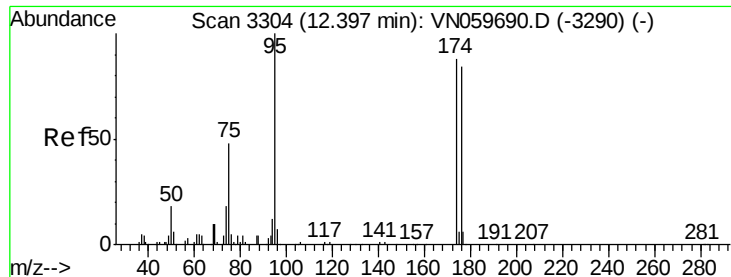
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059878.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059878.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 47.645 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059878.D

Acq: 27 Jan 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

TP-25-24-COMP

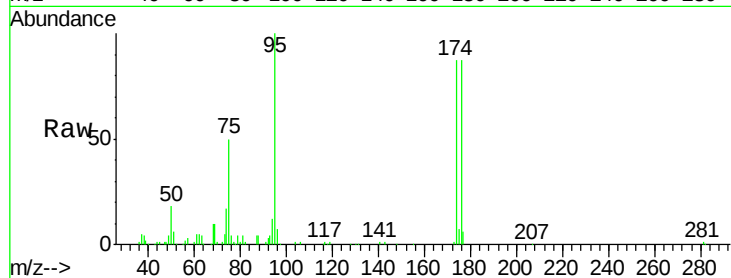
Tot Ion: 95 Resp: 125402

Ion Ratio Lower Upper

95 100

174 88.4 0.0 151.4

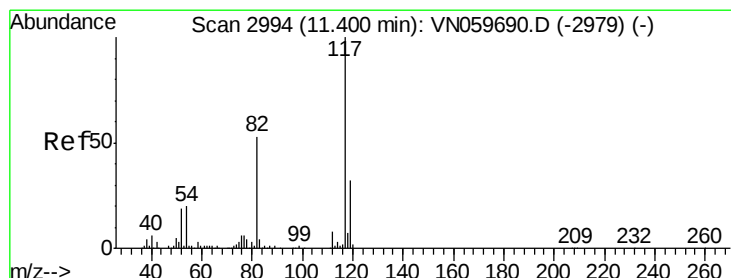
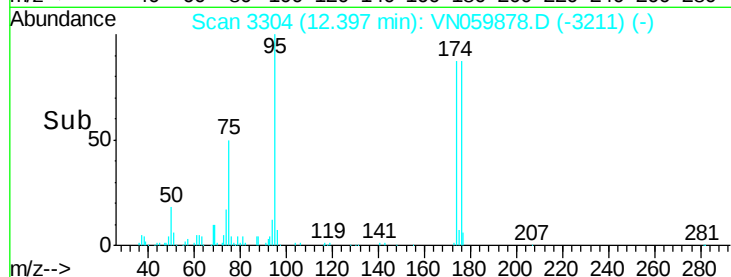
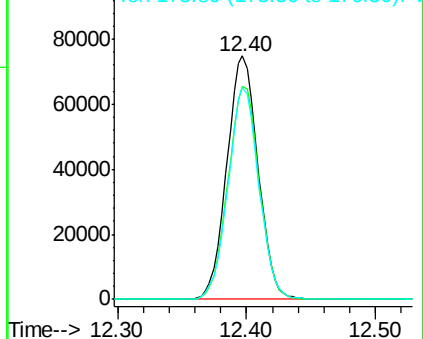
176 86.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059878.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059878.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059878.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059878.D

Acq: 27 Jan 2020 17:26

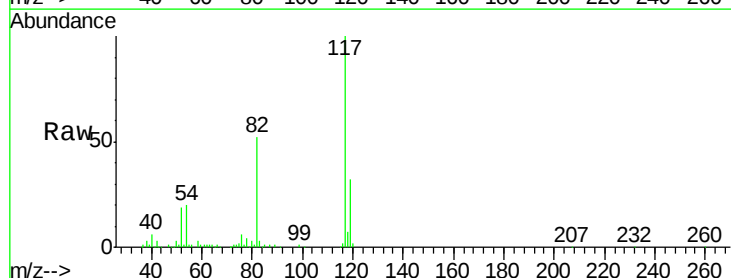
Tgt Ion: 117 Resp: 281624

Ion Ratio Lower Upper

117 100

82 52.4 45.9 68.9

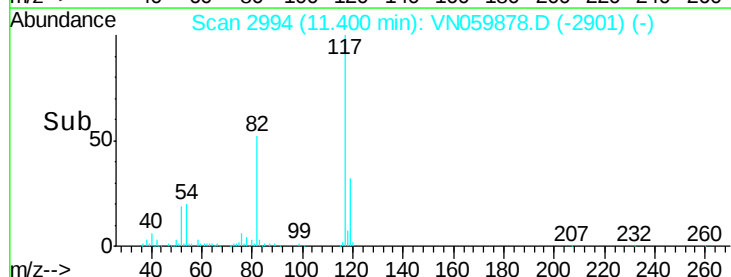
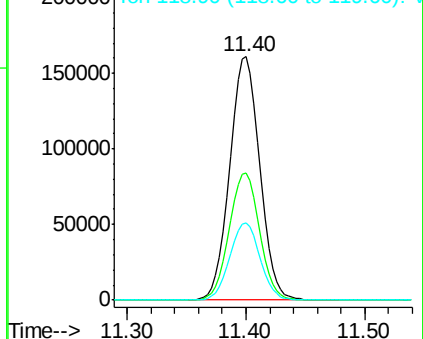
119 32.0 25.5 38.3

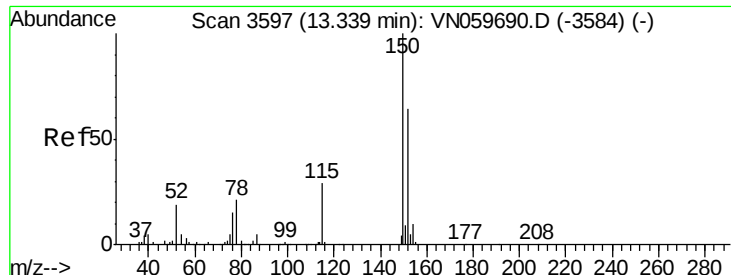


Abundance Ion 116.90 (116.60 to 117.60): VN059878.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059878.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059878.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: VN059878.D

Acq: 27 Jan 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

TP-25-24-COMP

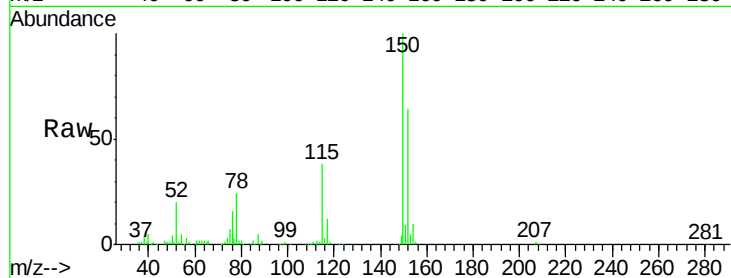
Tot Ion:152 Resp: 116518

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 157.8 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

