

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059629.D
 Acq On : 17 Dec 2019 16:58
 Operator : JC/SP
 Sample : K6333-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-COMP

Quant Time: Dec 18 06:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

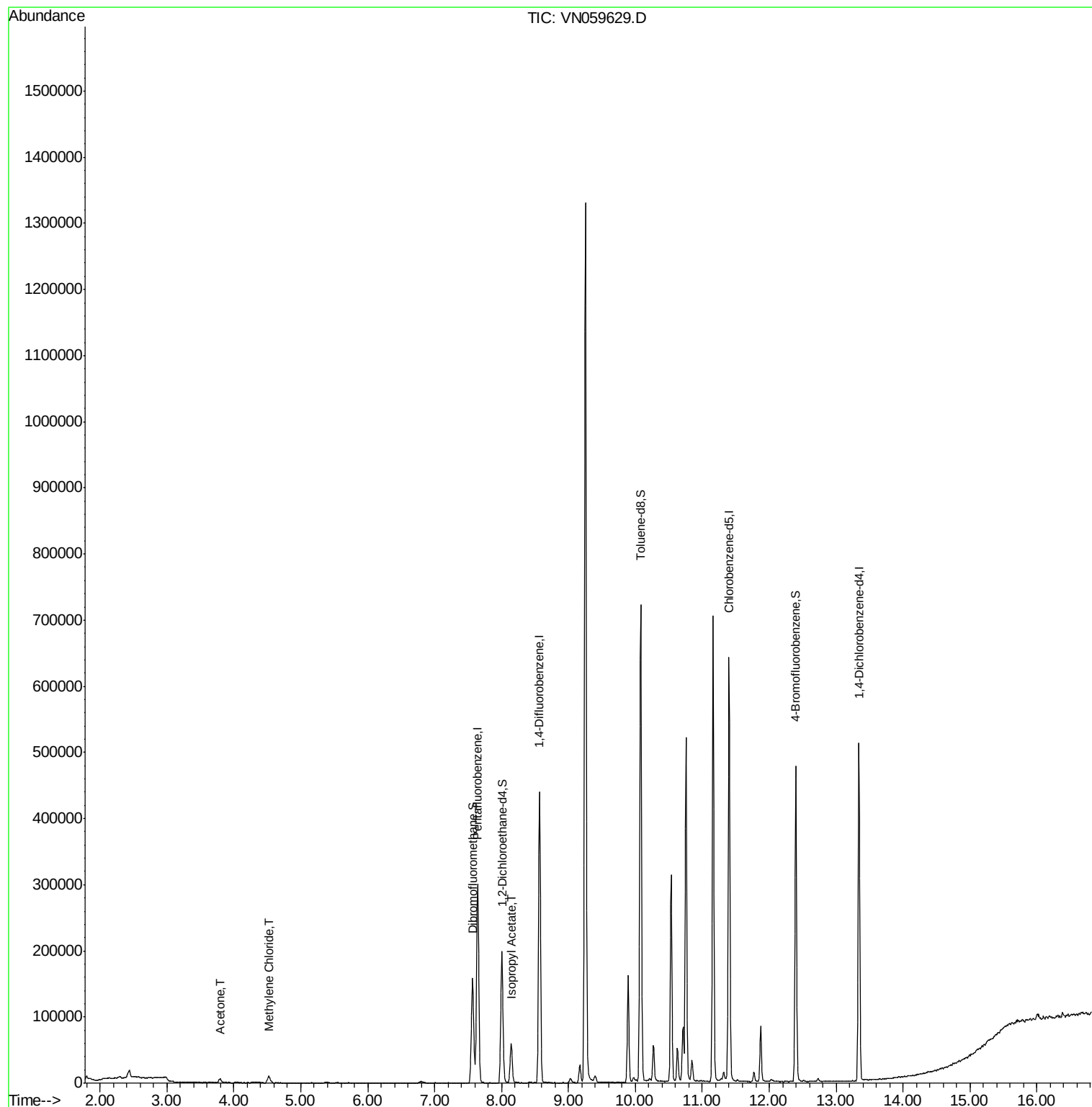
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	233416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	375094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	352868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	172046	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.57	113	120115	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.08	98	480198	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.40	95	158865	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
16) Acetone	3.79	43	10899	5.405	ug/l	96
20) Methylene Chloride	4.52	84	7009	2.407	ug/l	94
43) Isopropyl Acetate	8.14	43	68927	9.751	ug/l #	91

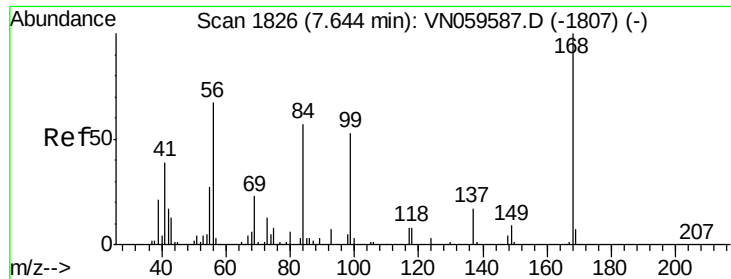
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 23:17:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059629.D

Acq: 17 Dec 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

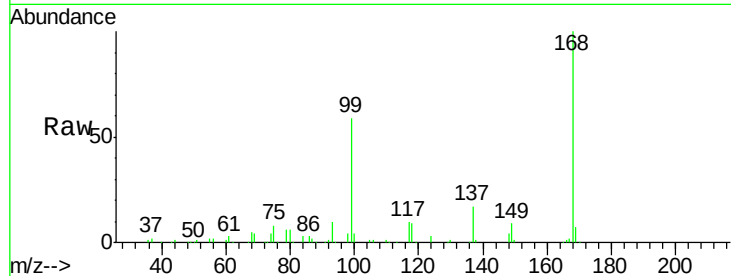
TP-1A-COMP

Tot Ion:168 Resp: 233416

Ion Ratio Lower Upper

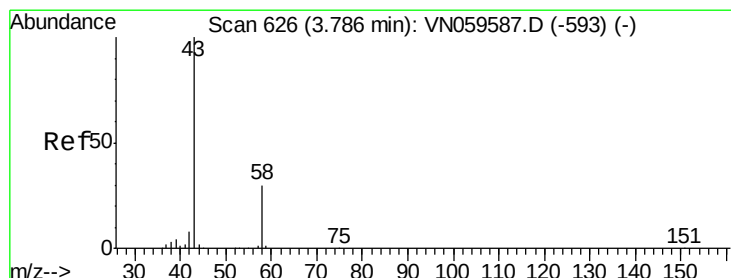
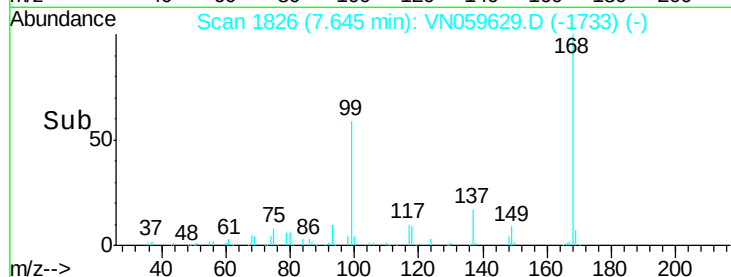
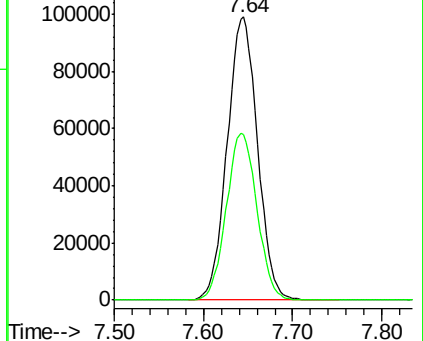
168 100

99 58.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.405 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059629.D

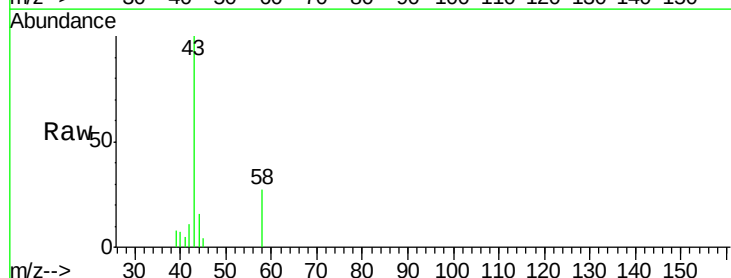
Acq: 17 Dec 2019 16:58

Tgt Ion: 43 Resp: 10899

Ion Ratio Lower Upper

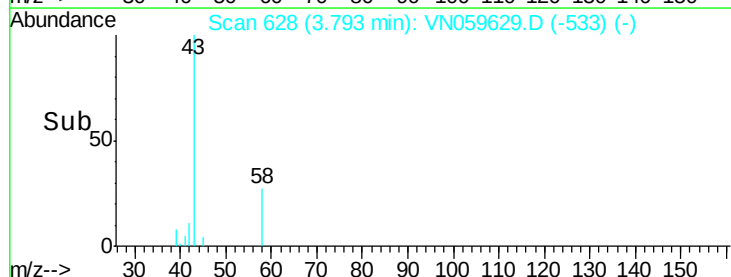
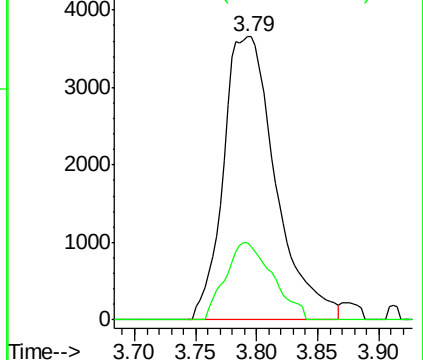
43 100

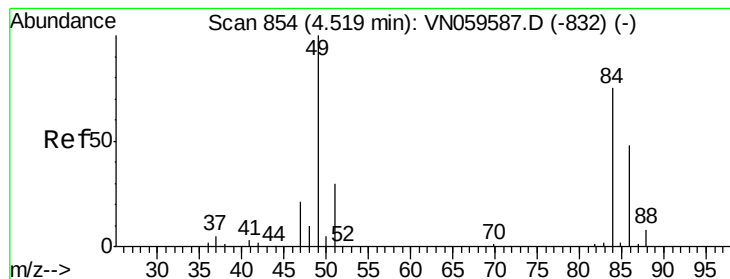
58 27.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.407 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059629.D

Acq: 17 Dec 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

Tot Ion: 84 Resp: 7009

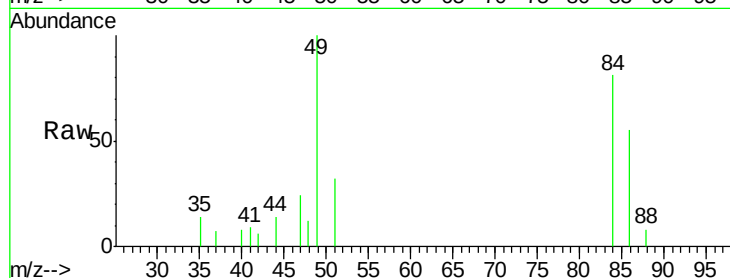
Ion Ratio Lower Upper

84 100

49 123.9 106.6 160.0

51 39.3 31.9 47.9

86 67.6 50.8 76.2

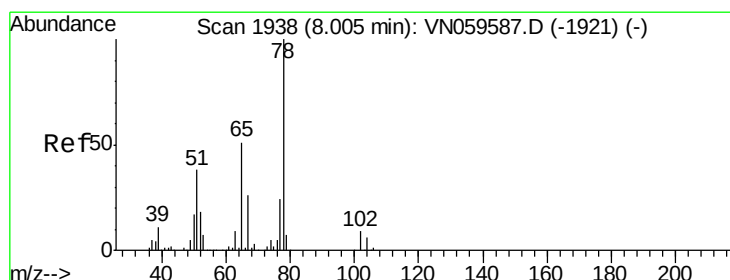
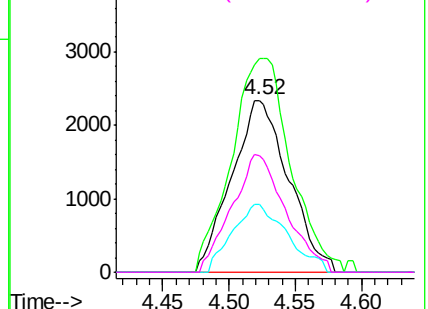
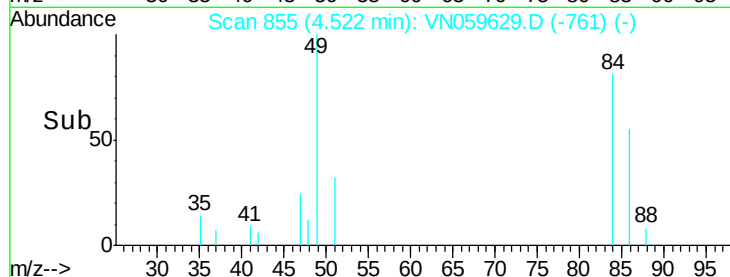


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.653 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059629.D

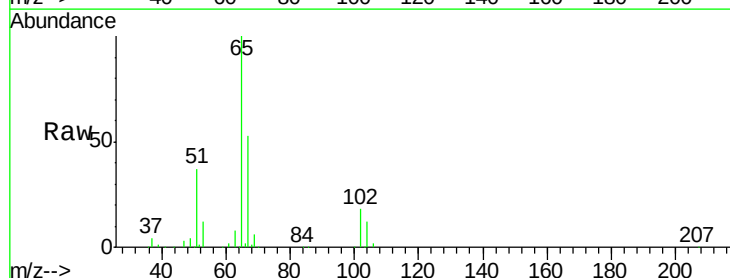
Acq: 17 Dec 2019 16:58

Tgt Ion: 65 Resp: 172046

Ion Ratio Lower Upper

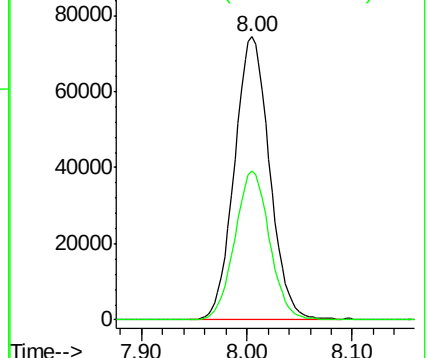
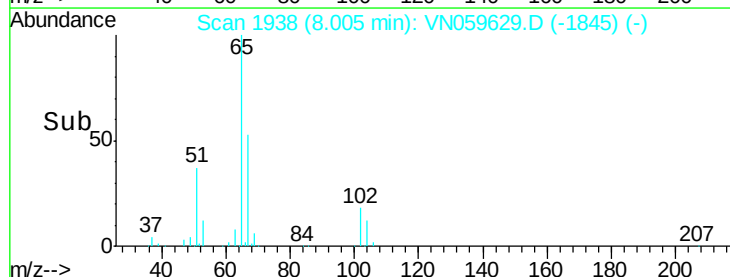
65 100

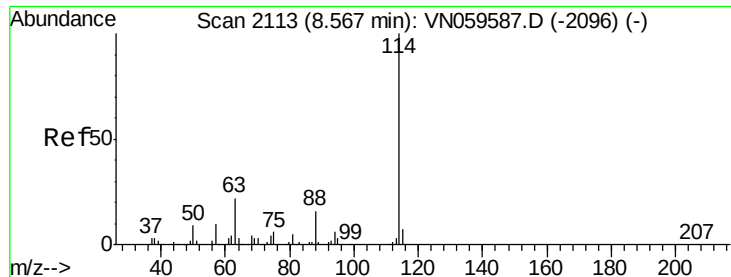
67 52.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

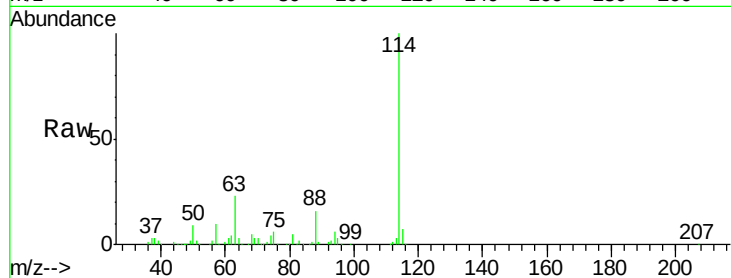




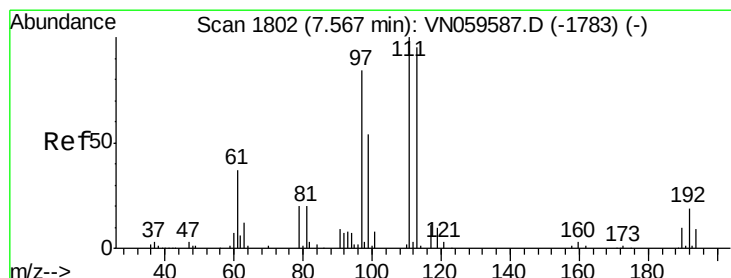
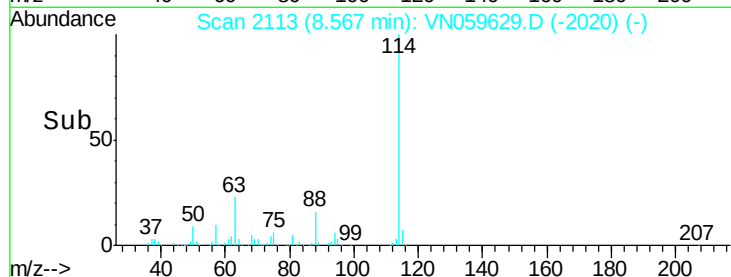
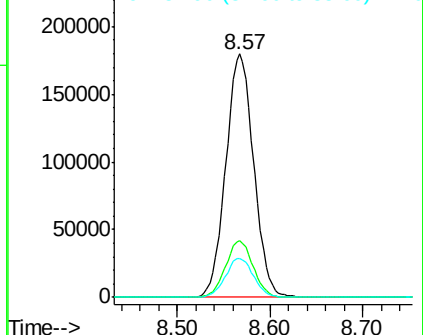
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059629.D
 Acq: 17 Dec 2019 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1A-COMP

Tot Ion:114	Resp:	375094
Ion Ratio	Lower	Upper
114 100		
63 23.3	0.0	43.6
88 16.2	0.0	31.4

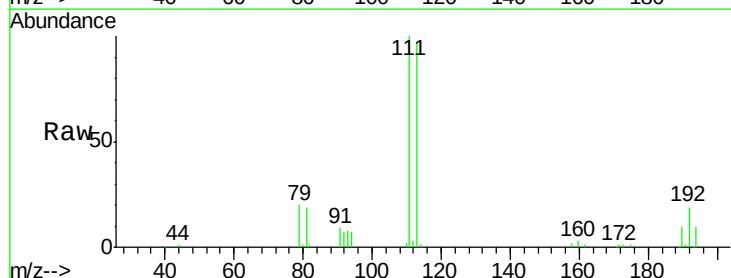


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

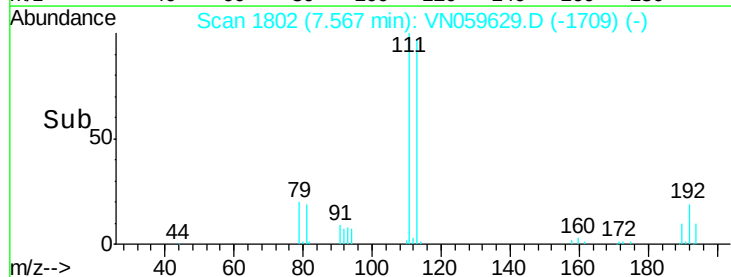
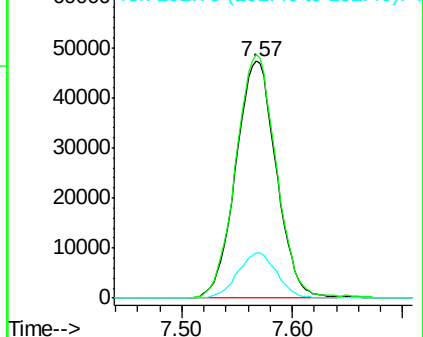


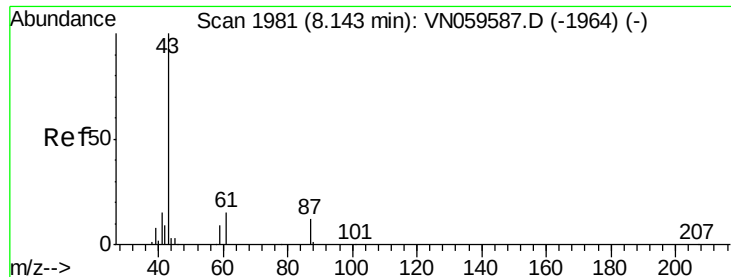
#35
 Dibromofluoromethane
 Concen: 51.180 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059629.D
 Acq: 17 Dec 2019 16:58

Tgt Ion:113	Resp:	120115
Ion Ratio	Lower	Upper
113 100		
111 102.7	83.5	125.3
192 18.4	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: 9.751 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059629.D

Acq: 17 Dec 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

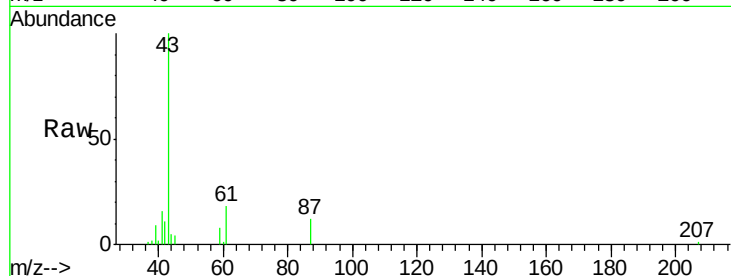
Tot Ion: 43 Resp: 68927

Ion Ratio Lower Upper

43 100

61 18.6 20.2 30.2#

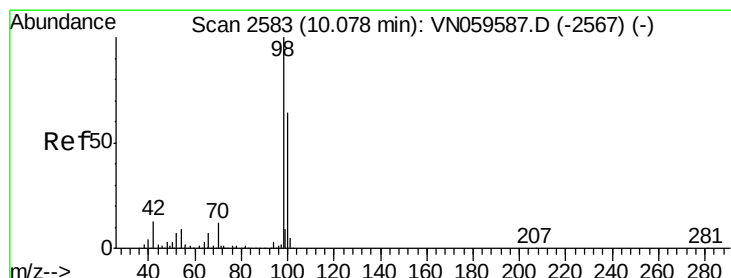
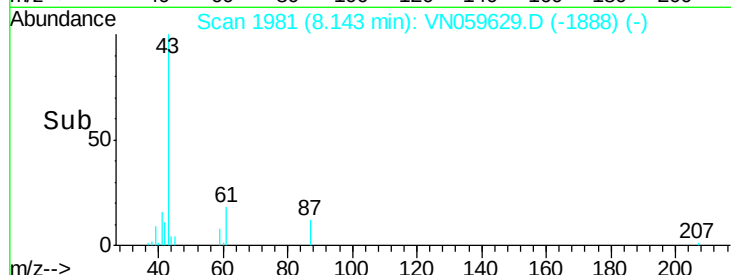
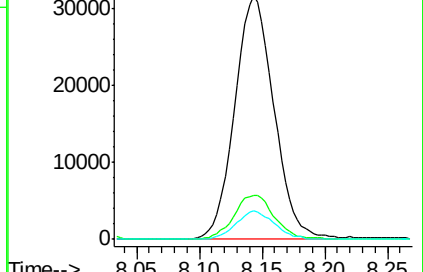
87 11.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#50

Toluene-d8

Concen: 51.680 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059629.D

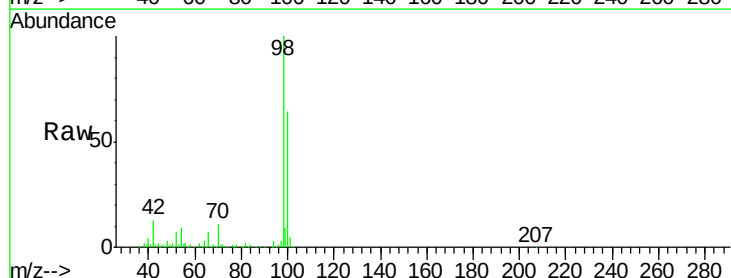
Acq: 17 Dec 2019 16:58

Tgt Ion: 98 Resp: 480198

Ion Ratio Lower Upper

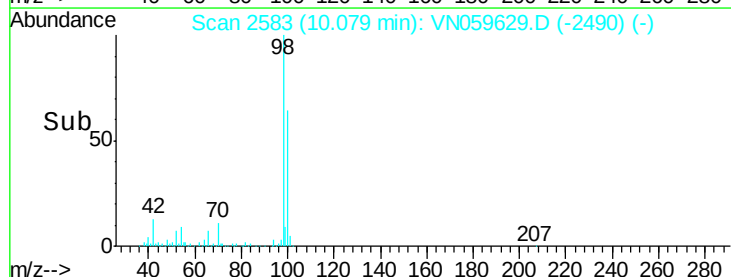
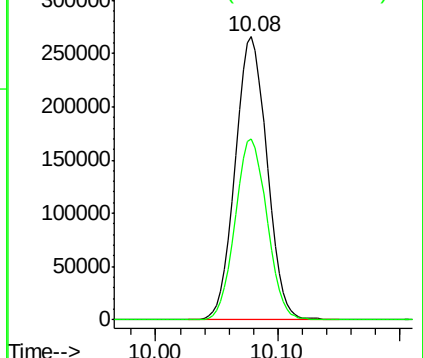
98 100

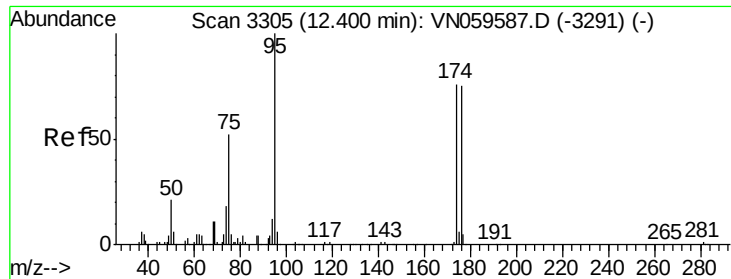
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059587.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 46.856 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059629.D

Acq: 17 Dec 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

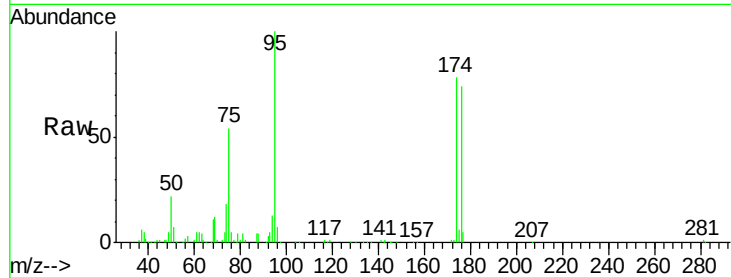
Tot Ion: 95 Resp: 158865

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.4

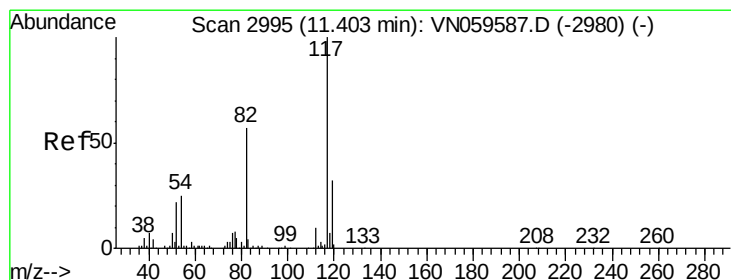
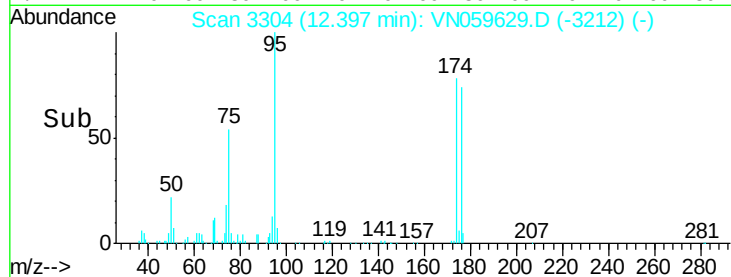
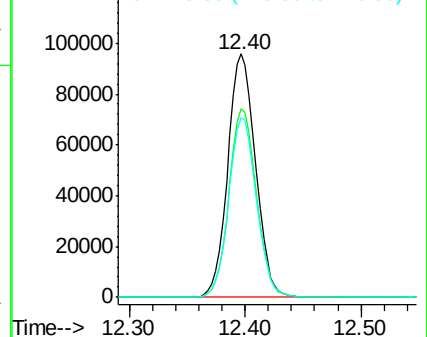
176 73.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059587.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059587.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059629.D

Acq: 17 Dec 2019 16:58

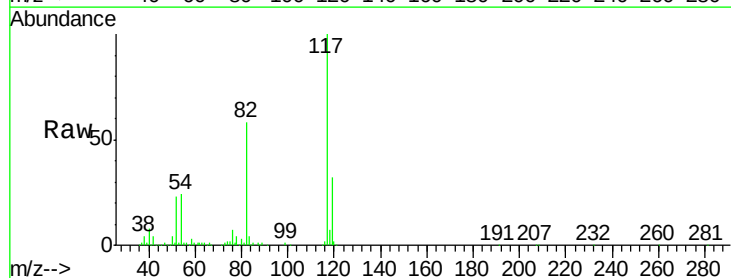
Tgt Ion: 117 Resp: 352868

Ion Ratio Lower Upper

117 100

82 58.1 45.9 68.9

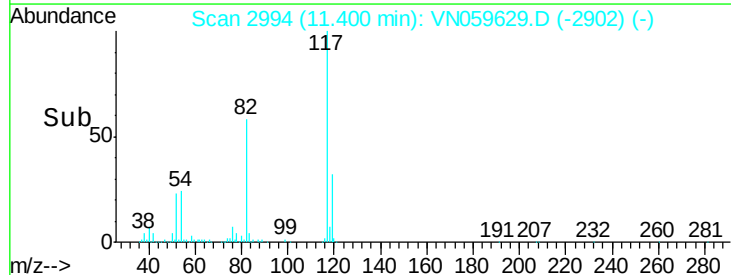
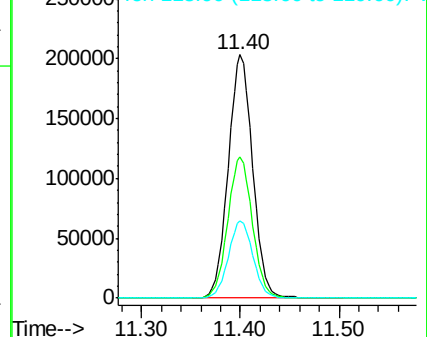
119 31.9 25.5 38.3

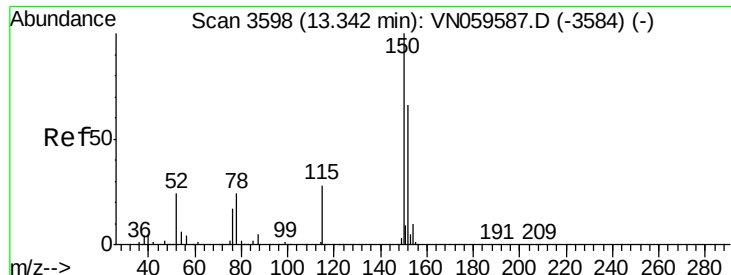


Abundance Ion 116.90 (116.60 to 117.60): VN059587.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059587.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059587.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059629.D

Acq: 17 Dec 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

TP-1A-COMP

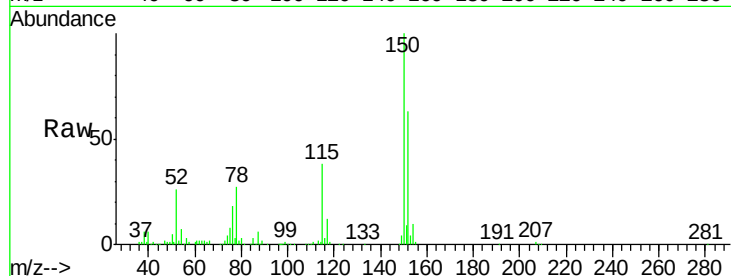
Tot Ion:152 Resp: 134235

Ion Ratio Lower Upper

152 100

115 61.1 30.3 90.9

150 158.6 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

