

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059947.D
 Acq On : 31 Jan 2020 14:56
 Operator : JC/MD
 Sample : L1325-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

Quant Time: Feb 03 03:16:20 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

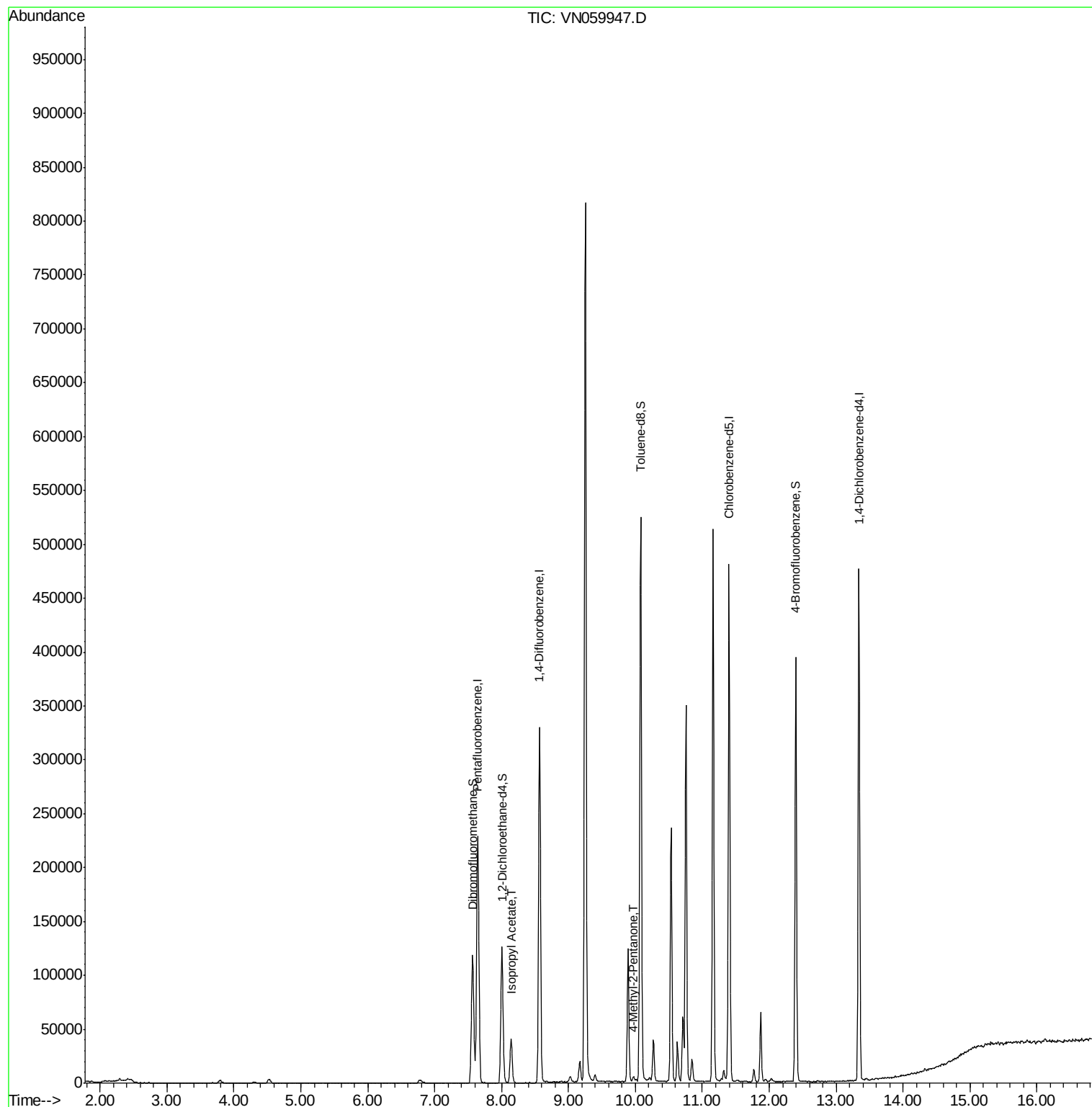
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	280035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	111000	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	7.57	113	91101	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.08	98	363376	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.40	95	131224	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	48426	11.407	ug/l #	92
51) 4-Methyl-2-Pentanone	9.97	43	3175	1.294	ug/l	92

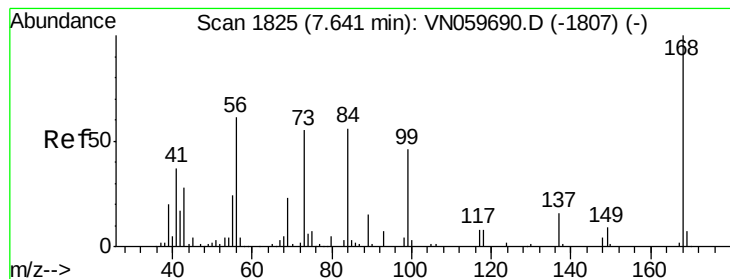
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059947.D

Acq: 31 Jan 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

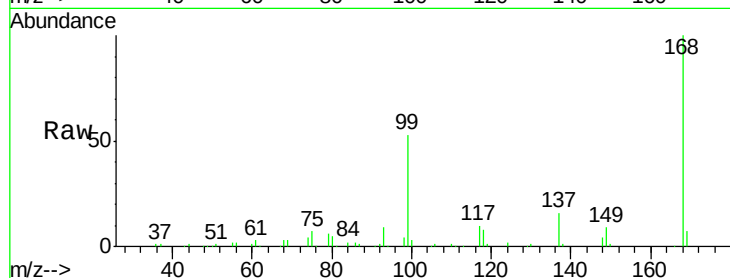
72-11976

Tot Ion:168 Resp: 196302

Ion Ratio Lower Upper

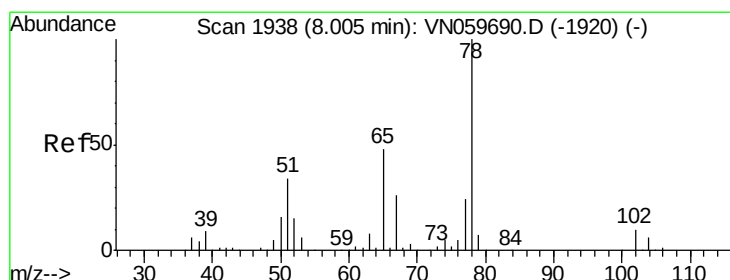
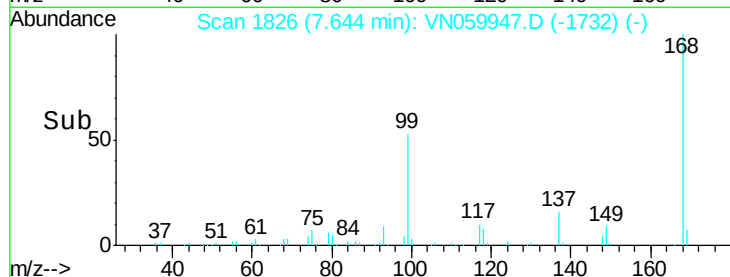
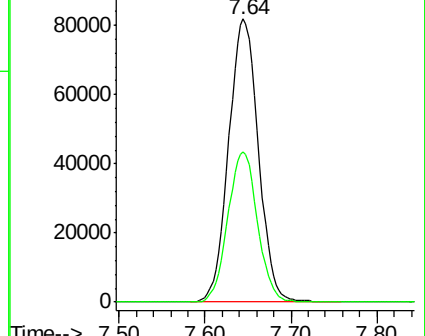
168 100

99 53.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.918 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059947.D

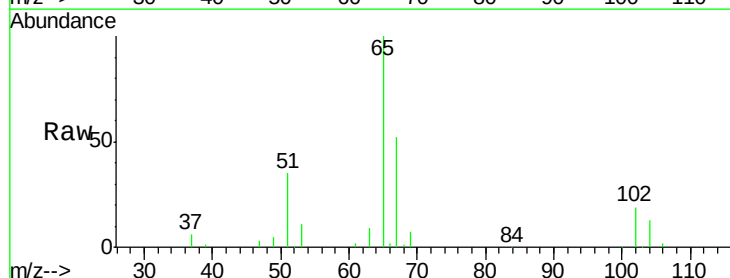
Acq: 31 Jan 2020 14:56

Tgt Ion: 65 Resp: 111000

Ion Ratio Lower Upper

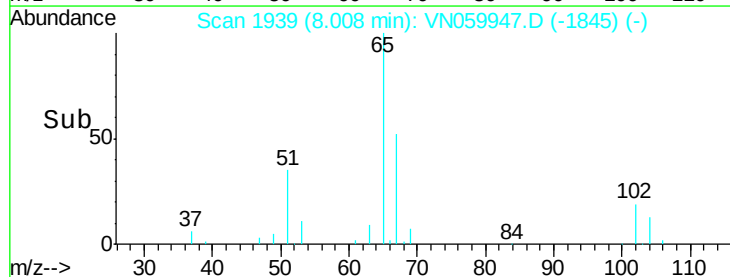
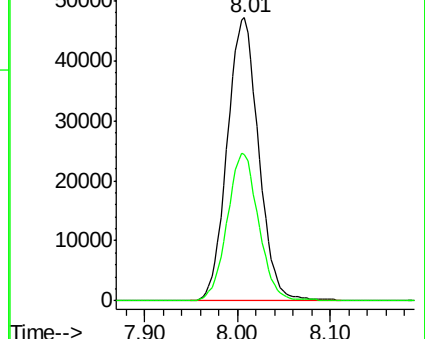
65 100

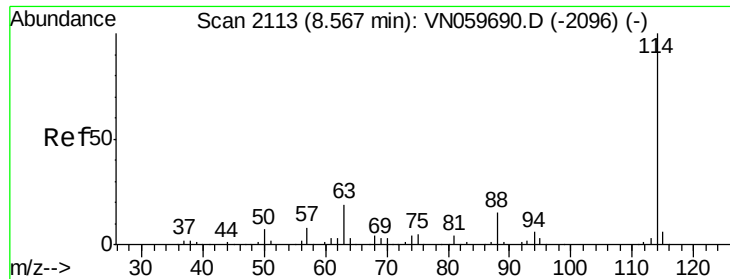
67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

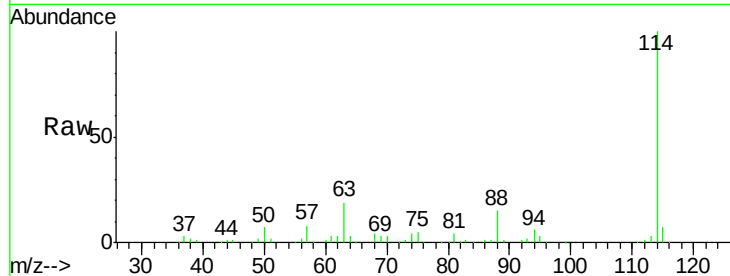




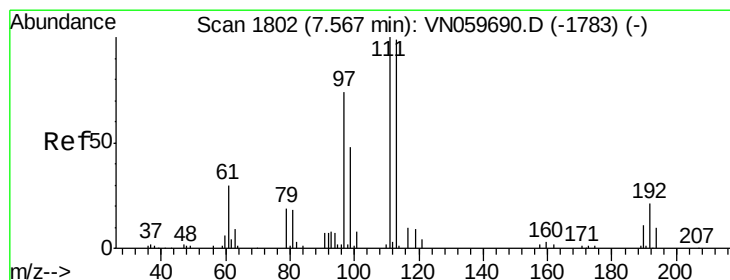
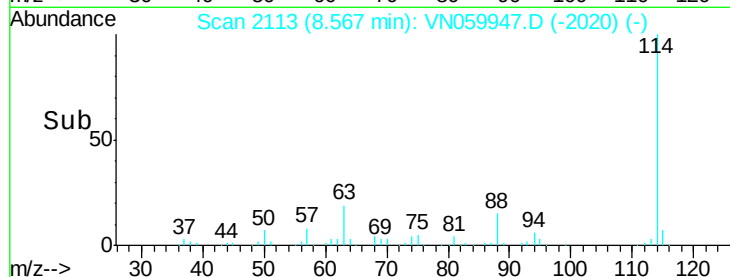
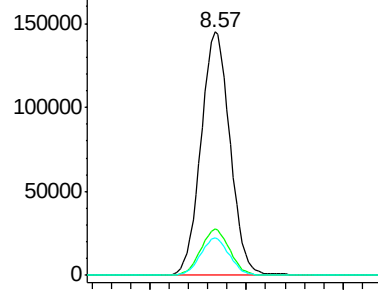
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059947.D
 Acq: 31 Jan 2020 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.6
88	15.4	0.0	31.4

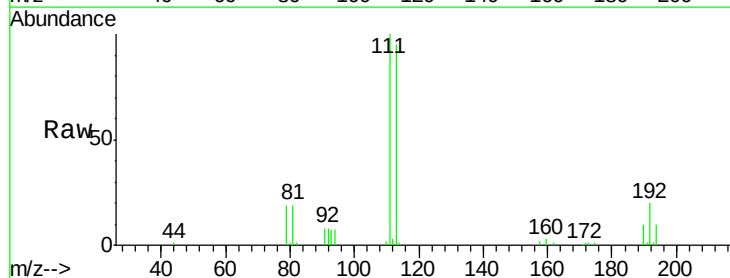


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

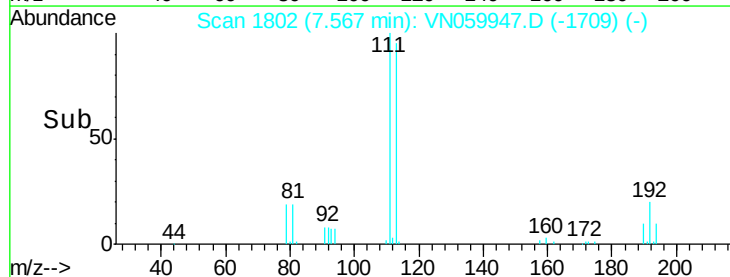
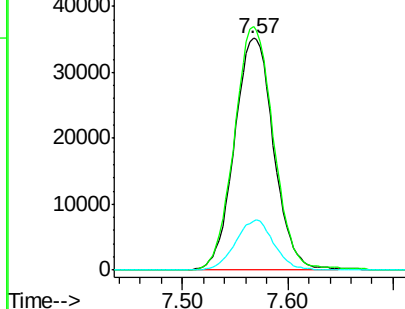


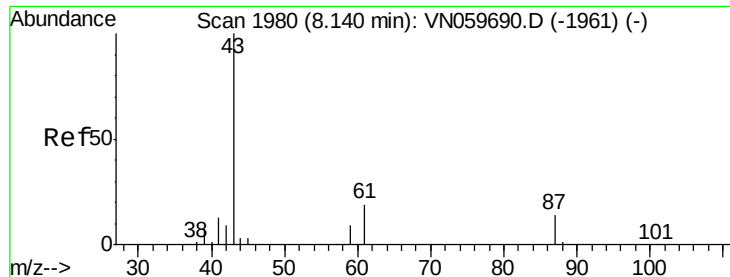
#35
 Dibromofluoromethane
 Concen: 50.553 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059947.D
 Acq: 31 Jan 2020 14:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	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: 11.407 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059947.D

Acq: 31 Jan 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

72-11976

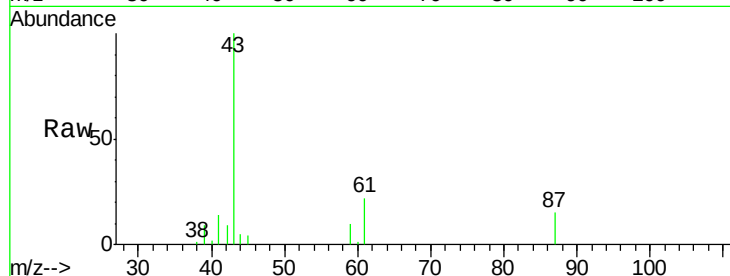
Tot Ion: 43 Resp: 48426

Ion Ratio Lower Upper

43 100

61 21.0 20.2 30.2

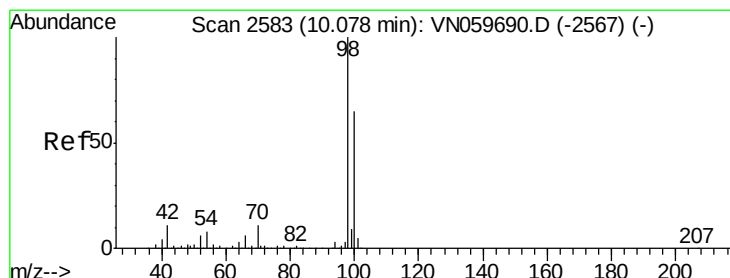
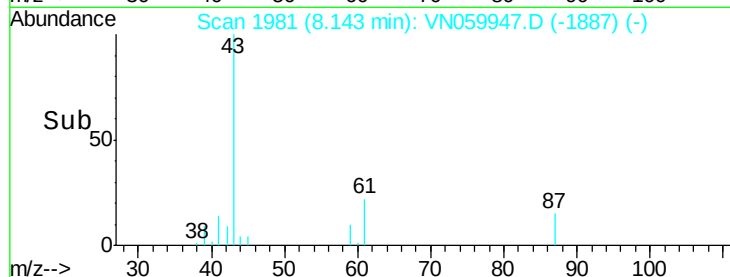
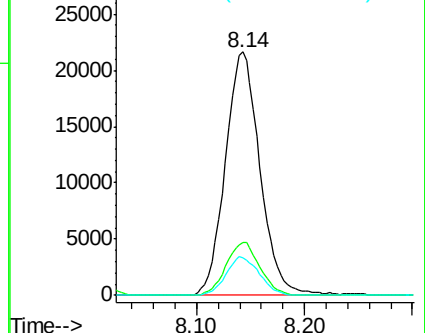
87 15.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059947.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059947.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059947.D (-1887) (-)



#50

Toluene-d8

Concen: 52.043 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059947.D

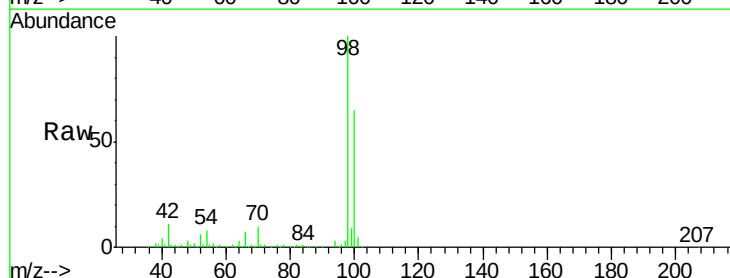
Acq: 31 Jan 2020 14:56

Tgt Ion: 98 Resp: 363376

Ion Ratio Lower Upper

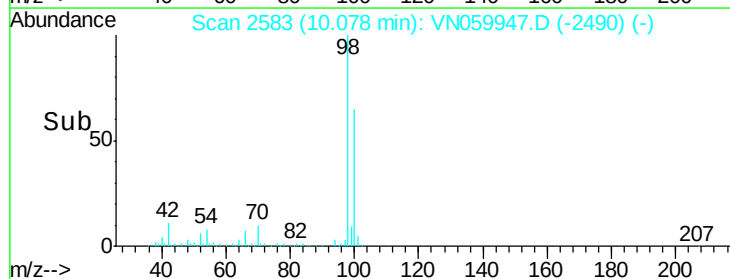
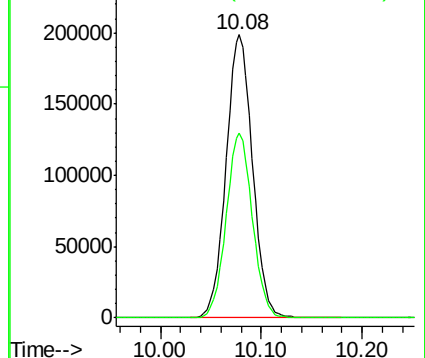
98 100

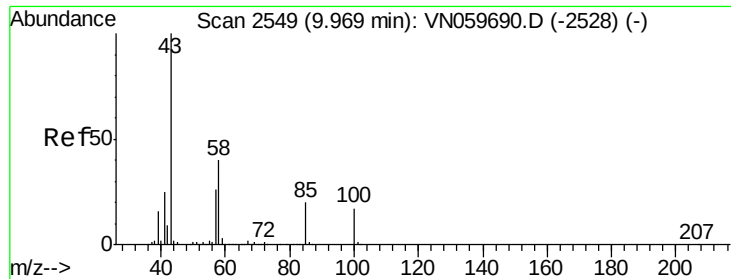
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059947.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059947.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.294 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059947.D

Acq: 31 Jan 2020 14:56

Instrument :

MSVOA_N

ClientSampleId :

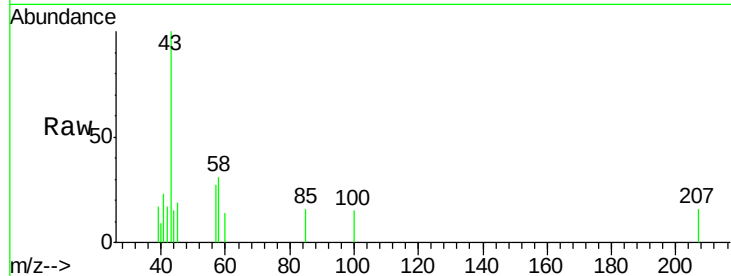
72-11976

Tot Ion: 43 Resp: 3175

Ion Ratio Lower Upper

43 100

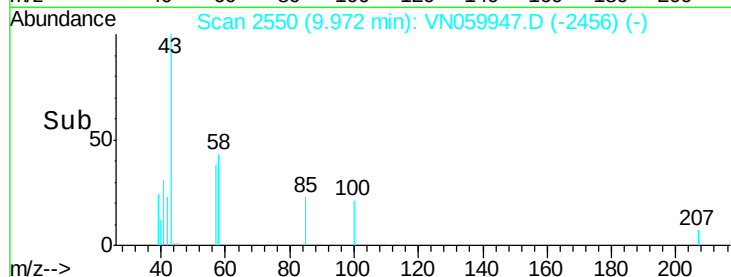
58 32.4 29.8 44.8



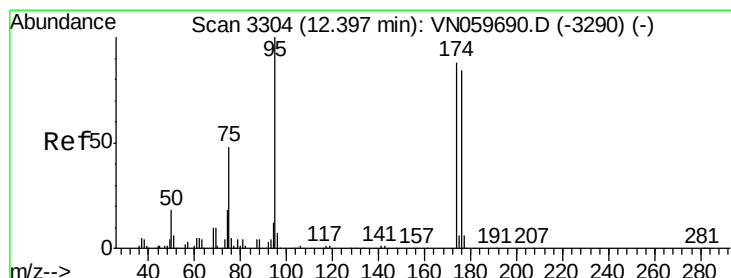
Abundance Ion 43.00 (42.70 to 43.70): VN059947.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN059947.D (-2456) (-)

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 52.134 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059947.D

Acq: 31 Jan 2020 14:56

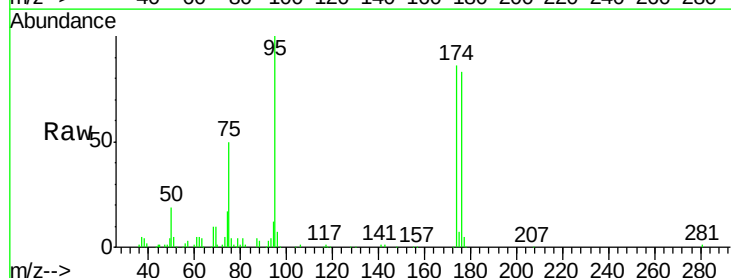
Tgt Ion: 95 Resp: 131224

Ion Ratio Lower Upper

95 100

174 87.2 0.0 151.4

176 84.6 0.0 146.0

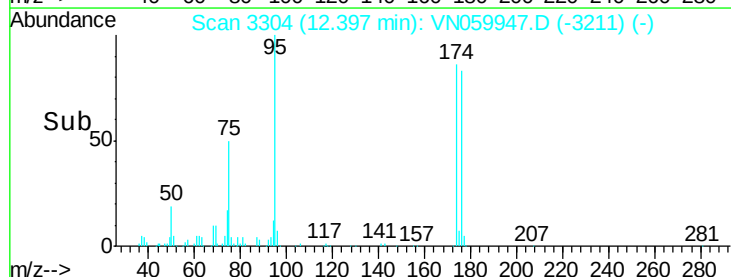


Abundance Ion 94.90 (94.60 to 95.60): VN059947.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059947.D (-3211) (-)

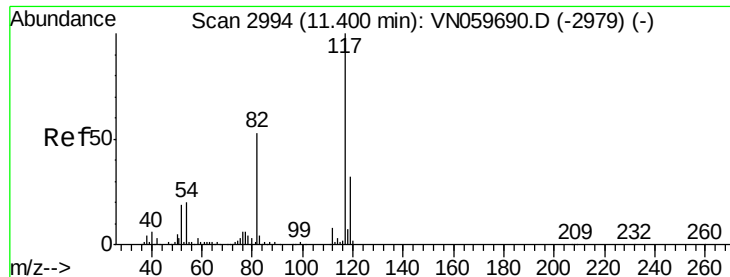
Ion 175.80 (175.50 to 176.50): VN059947.D (-3211) (-)

Time-->



Time-->

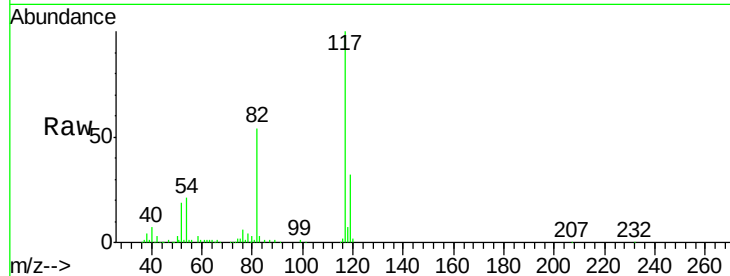
Time-->



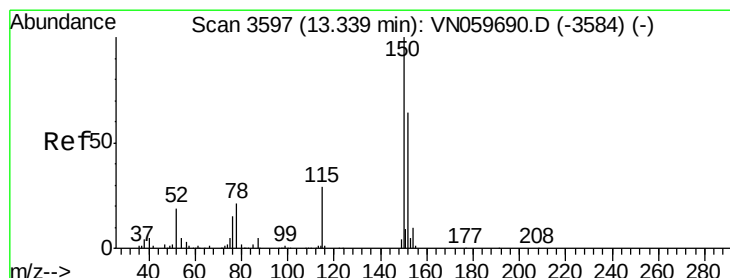
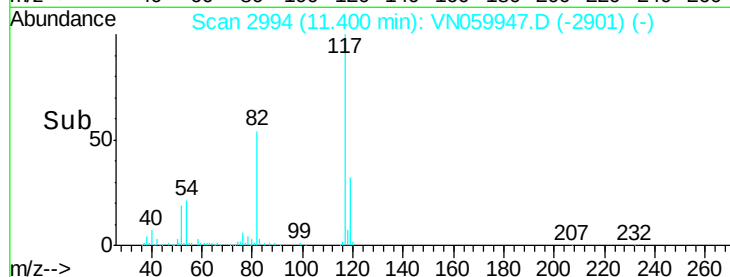
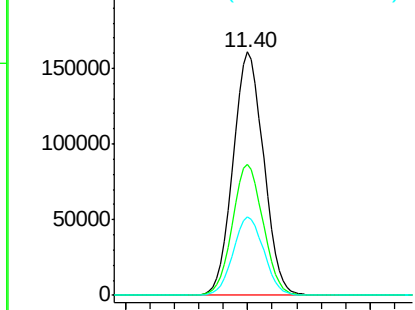
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059947.D
Acq: 31 Jan 2020 14:56

Instrument :
MSVOA_N
ClientSampled :
72-11976

Tot Ion:117 Resp: 280035
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.1 25.5 38.3

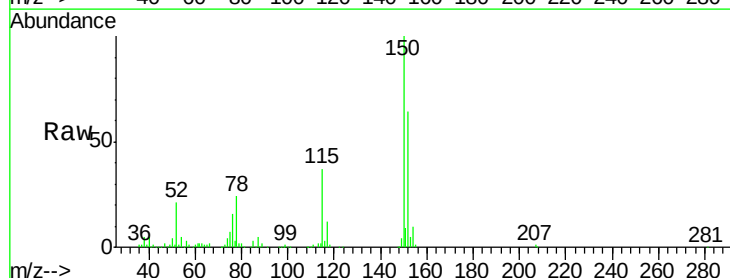


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059947.D
Acq: 31 Jan 2020 14:56

Tgt Ion:152 Resp: 130544
Ion Ratio Lower Upper
152 100
115 57.7 30.3 90.9
150 155.8 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

