

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059946.D
 Acq On : 31 Jan 2020 14:34
 Operator : JC/MD
 Sample : L1325-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

Quant Time: Feb 03 03:14:21 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

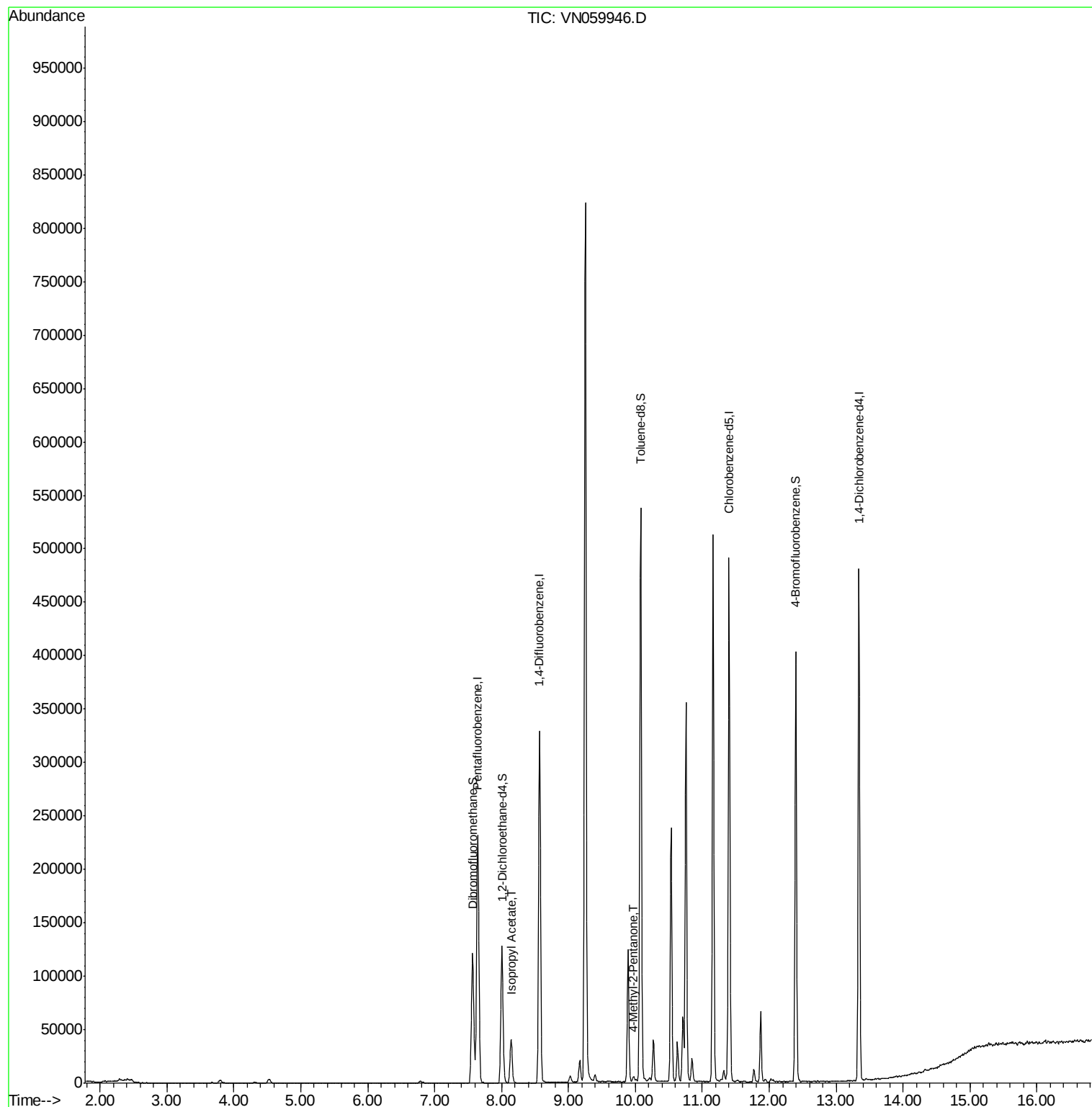
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	305085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110009	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	7.57	113	93136	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.08	98	369744	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	133286	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	48900	11.409	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	3559	1.436	ug/l	91

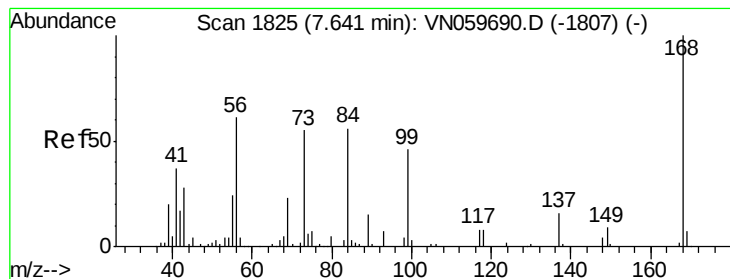
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059946.D

Acq: 31 Jan 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

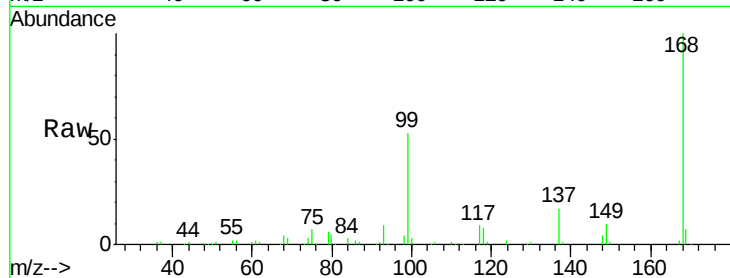
VNJ-232

Tot Ion:168 Resp: 197101

Ion Ratio Lower Upper

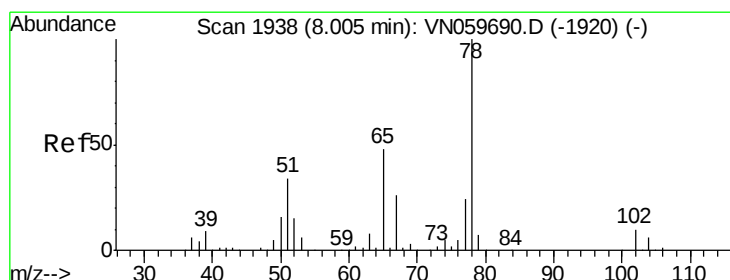
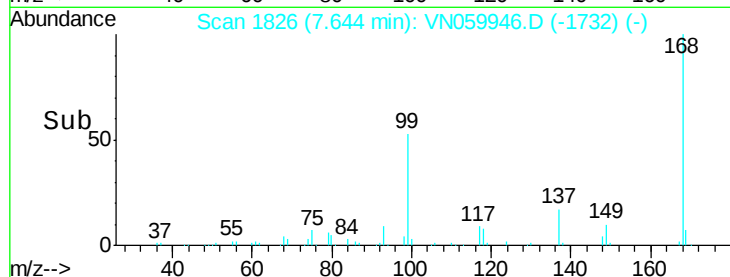
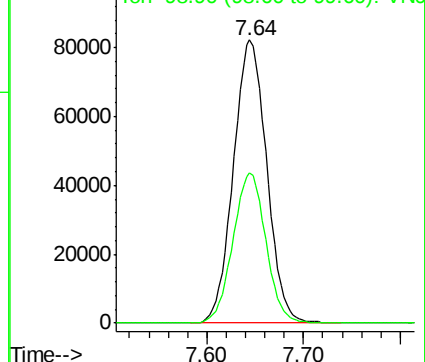
168 100

99 53.0 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: 50.259 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059946.D

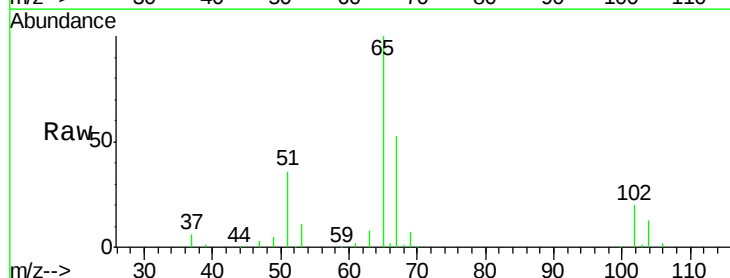
Acq: 31 Jan 2020 14:34

Tgt Ion: 65 Resp: 110009

Ion Ratio Lower Upper

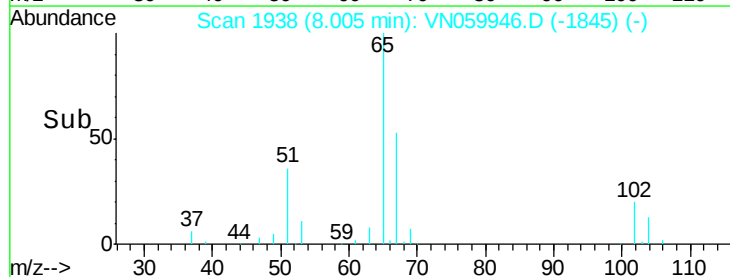
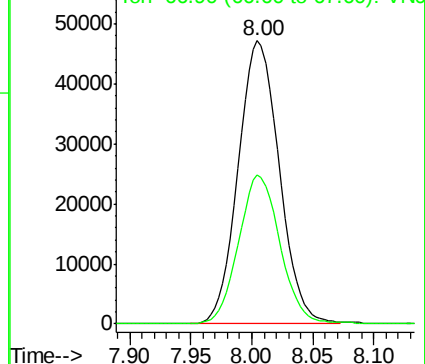
65 100

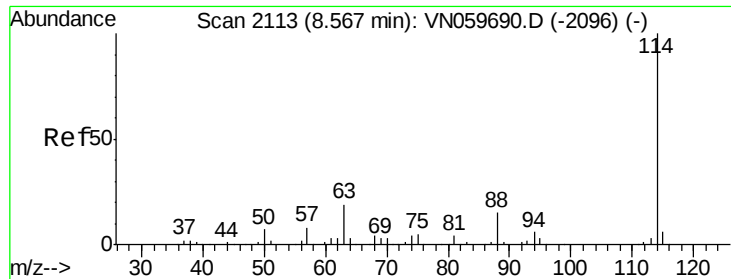
67 52.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

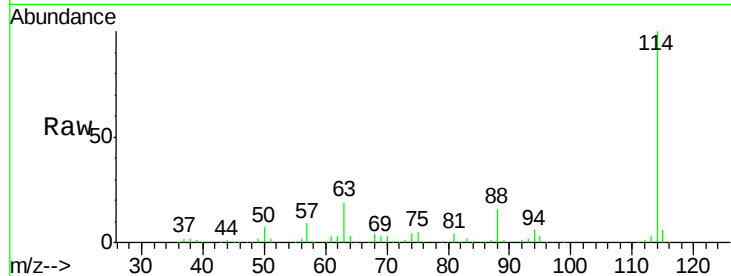




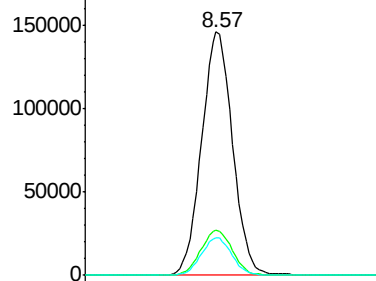
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059946.D
 Acq: 31 Jan 2020 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

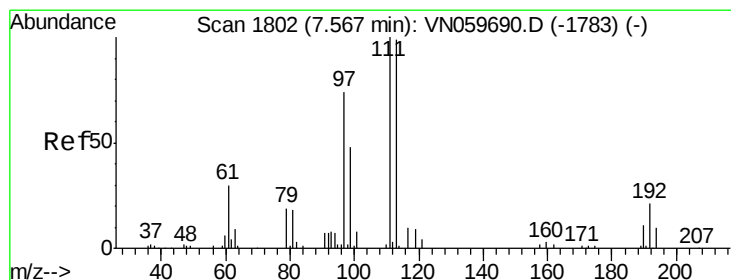
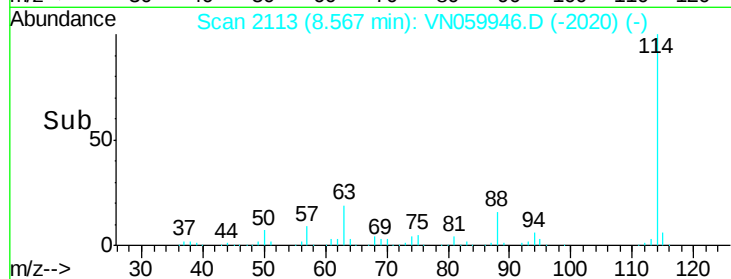
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.6
88	15.6	0.0	31.4



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

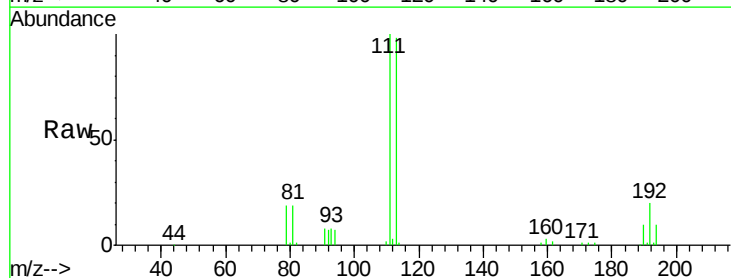


Time-->

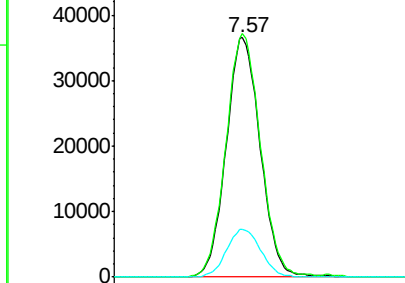


#35
 Dibromofluoromethane
 Concen: 51.192 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059946.D
 Acq: 31 Jan 2020 14:34

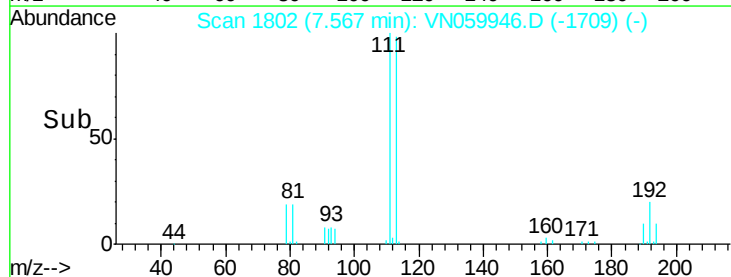
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	20.0	15.4	23.2

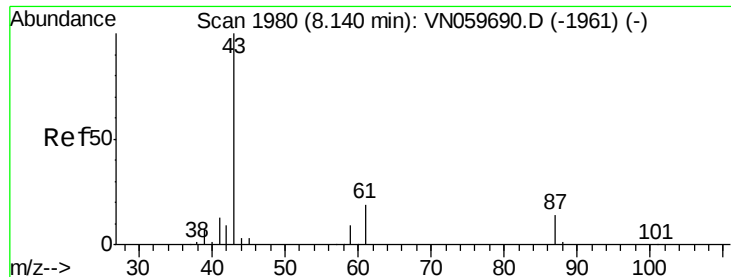


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#43

Isopropyl Acetate

Concen: 11.409 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059946.D

Acq: 31 Jan 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

VNJ-232

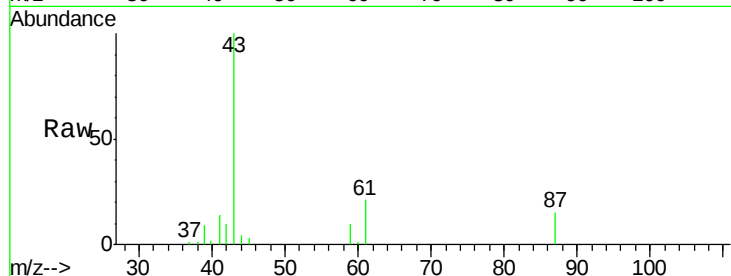
Tot Ion: 43 Resp: 48900

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

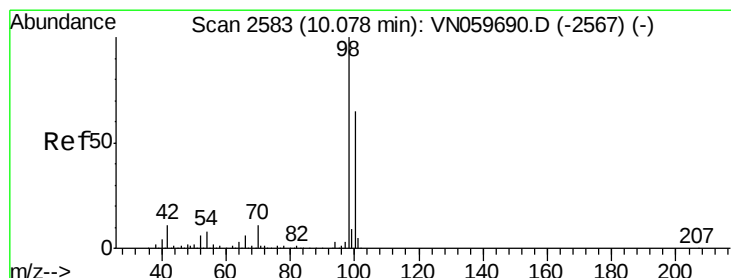
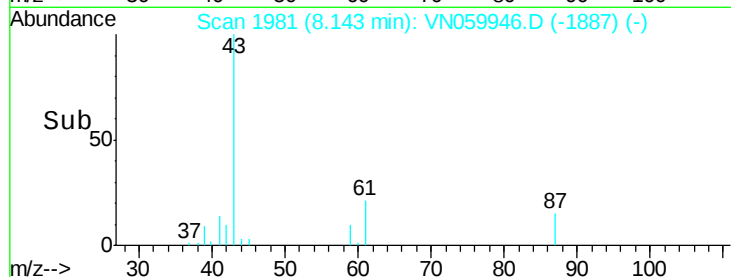
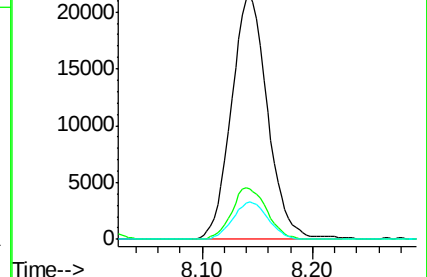
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059946.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059946.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059946.D (-1961) (-)



#50

Toluene-d8

Concen: 52.453 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059946.D

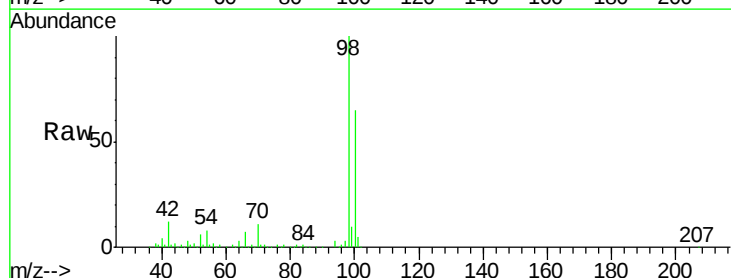
Acq: 31 Jan 2020 14:34

Tgt Ion: 98 Resp: 369744

Ion Ratio Lower Upper

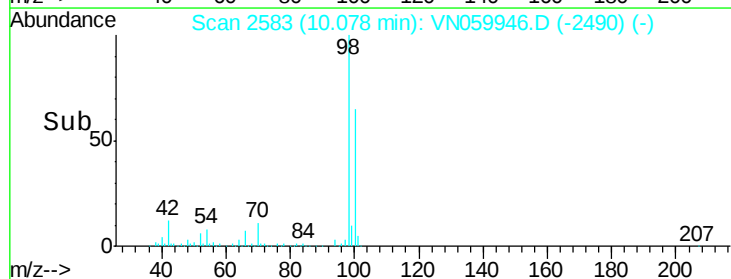
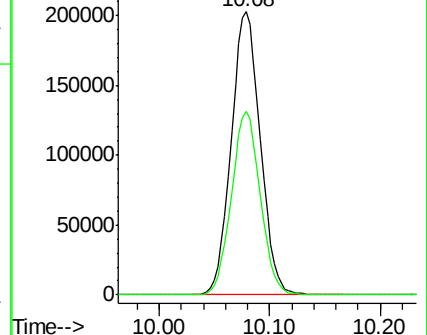
98 100

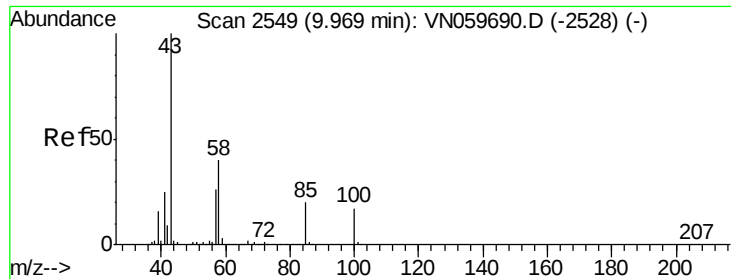
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059946.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059946.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.436 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059946.D

Acq: 31 Jan 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

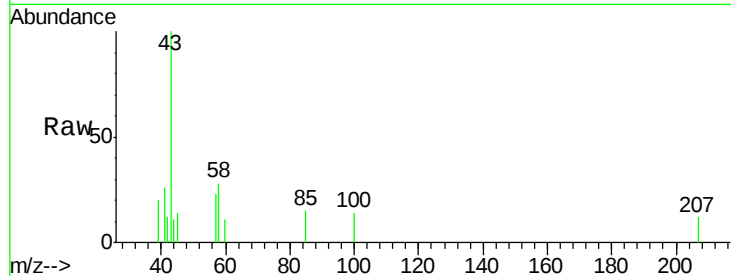
VNJ-232

Tot Ion: 43 Resp: 3559

Ion Ratio Lower Upper

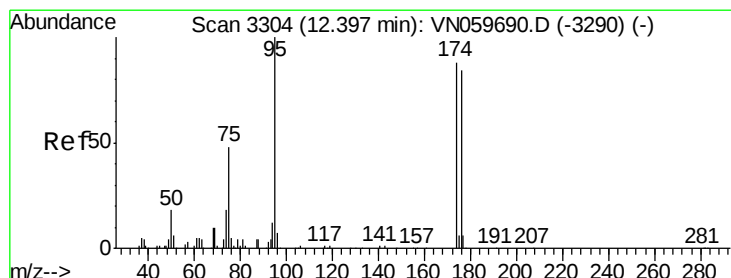
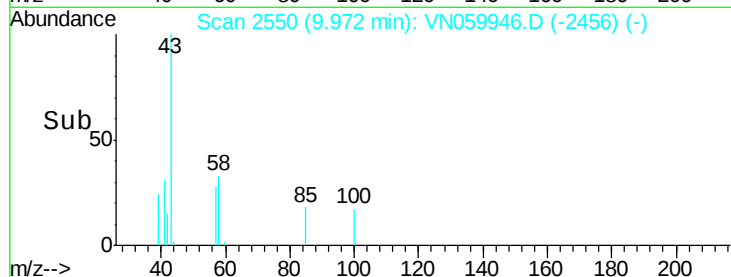
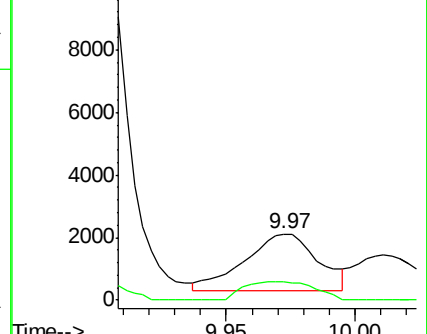
43 100

58 31.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 52.450 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059946.D

Acq: 31 Jan 2020 14:34

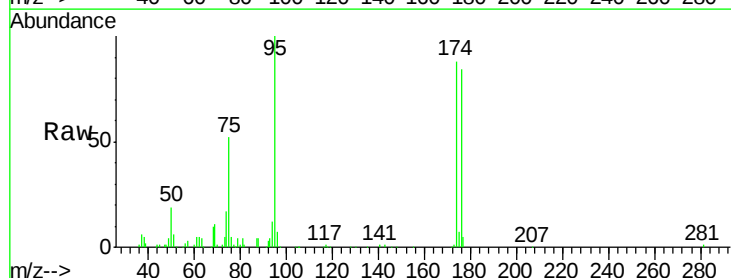
Tgt Ion: 95 Resp: 133286

Ion Ratio Lower Upper

95 100

174 86.5 0.0 151.4

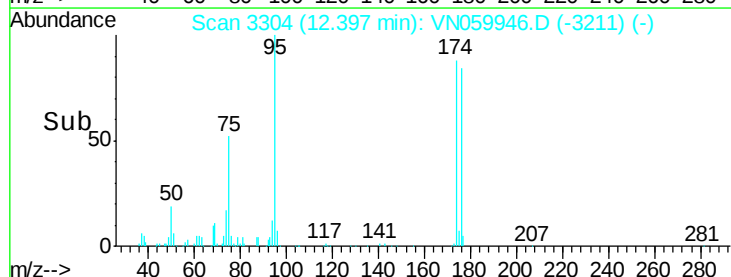
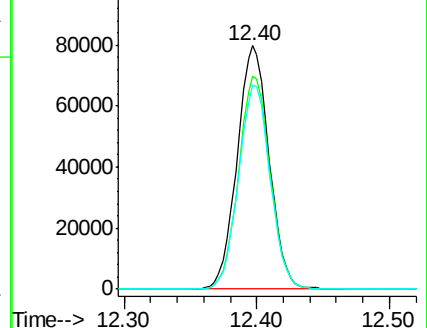
176 83.2 0.0 146.0

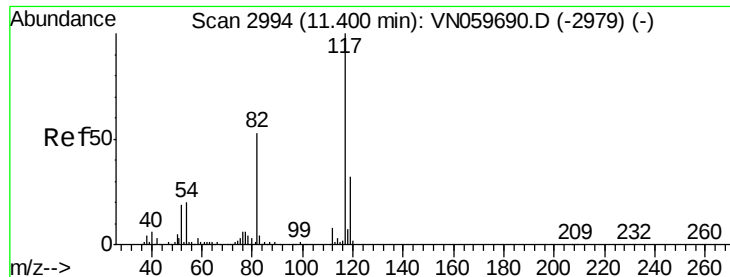


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059946.D

Acq: 31 Jan 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

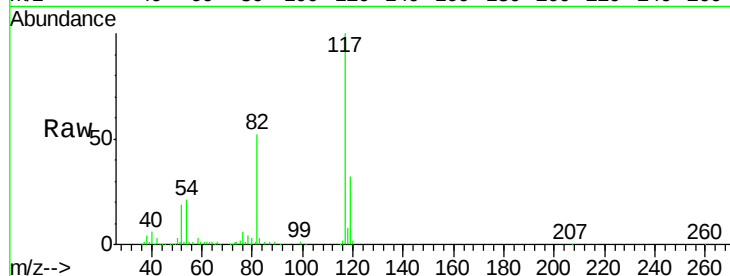
Tot Ion:117 Resp: 288206

Ion Ratio Lower Upper

117 100

82 52.4 45.9 68.9

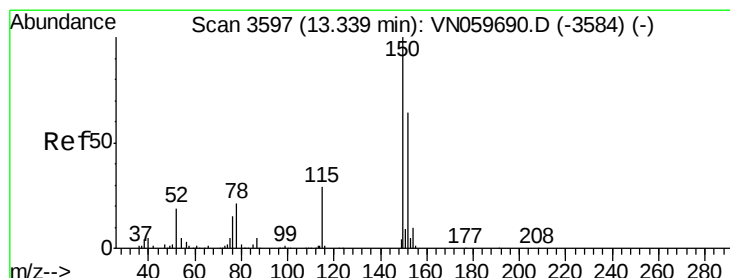
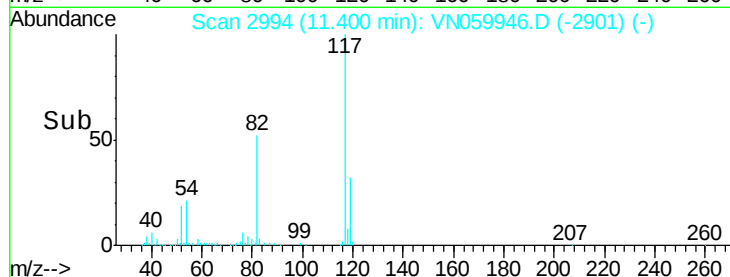
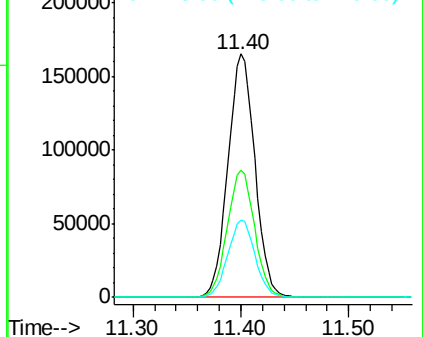
119 31.9 25.5 38.3



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: VN059946.D

Acq: 31 Jan 2020 14:34

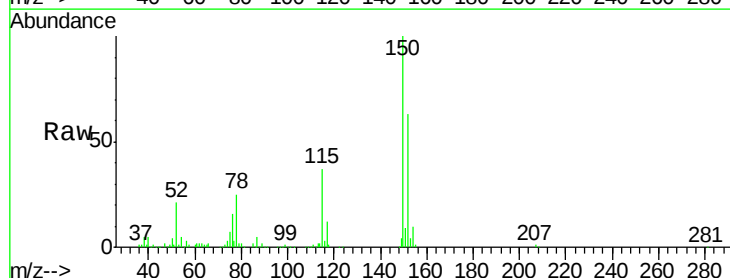
Tgt Ion:152 Resp: 132476

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 157.1 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

