

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059950.D
 Acq On : 31 Jan 2020 16:05
 Operator : JC/MD
 Sample : PB126487ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#01

Quant Time: Feb 03 03:24:43 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

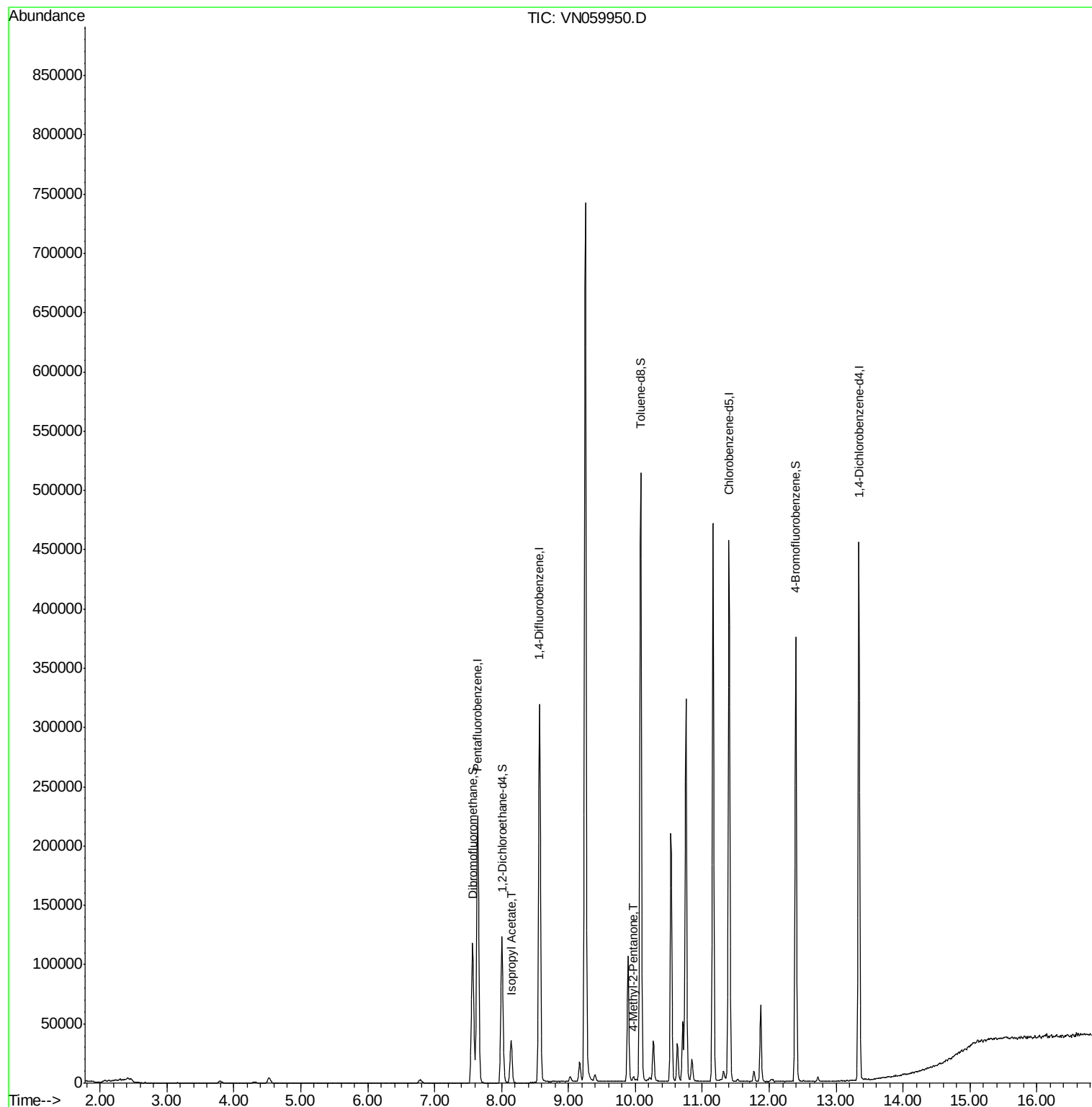
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	293461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	269698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107328	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.57	113	89905	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.08	98	352813	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.40	95	123983	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	42624	10.339	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	2766	1.161	ug/l	98

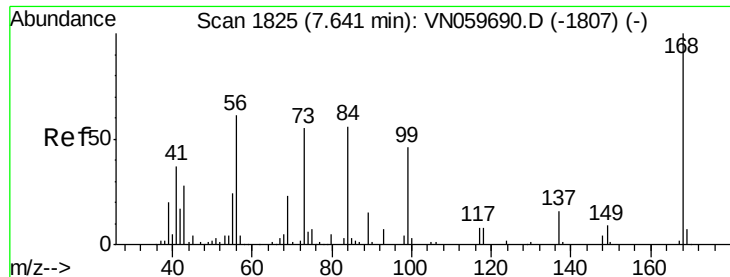
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059950.D

Acq: 31 Jan 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

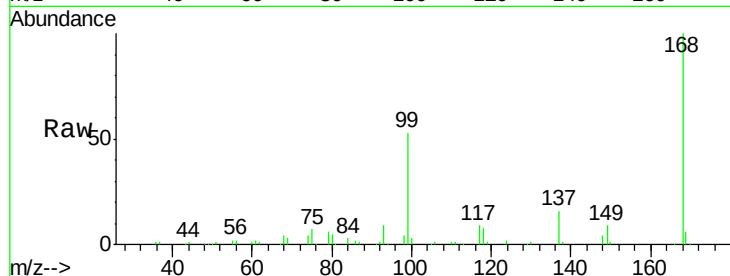
PB126487ZHE#01

Tot Ion:168 Resp: 191447

Ion Ratio Lower Upper

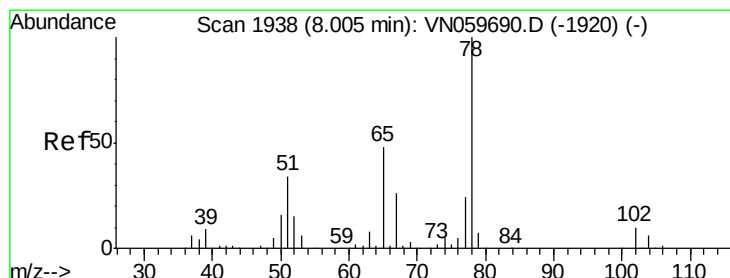
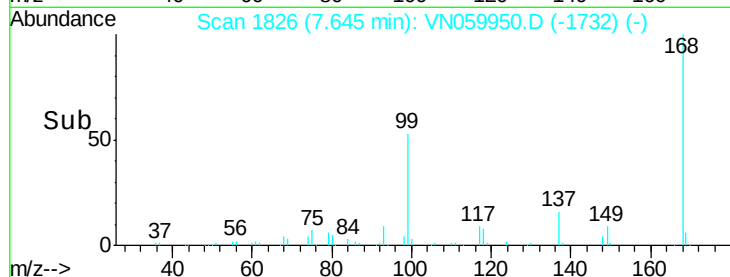
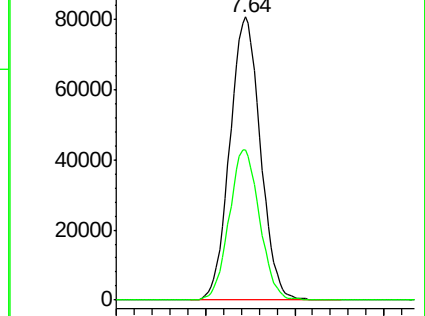
168 100

99 53.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.482 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059950.D

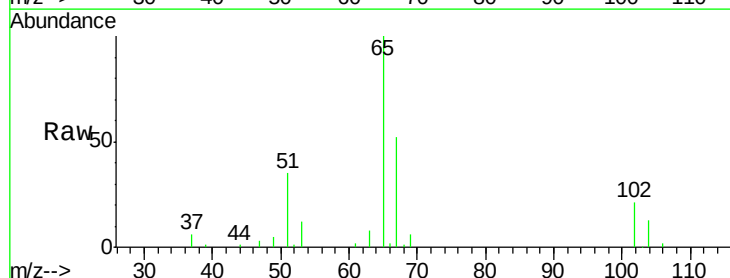
Acq: 31 Jan 2020 16:05

Tgt Ion: 65 Resp: 107328

Ion Ratio Lower Upper

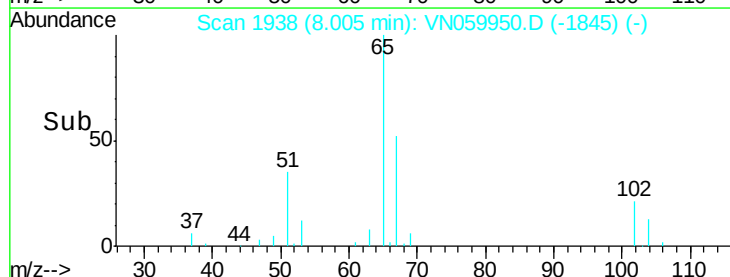
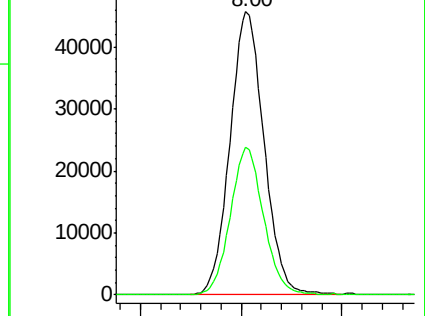
65 100

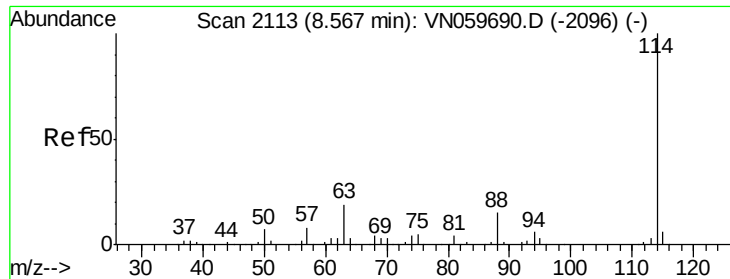
67 50.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

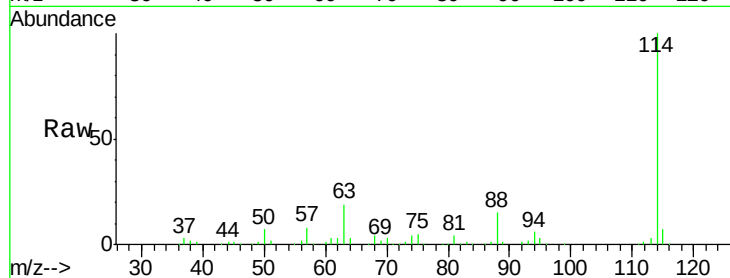




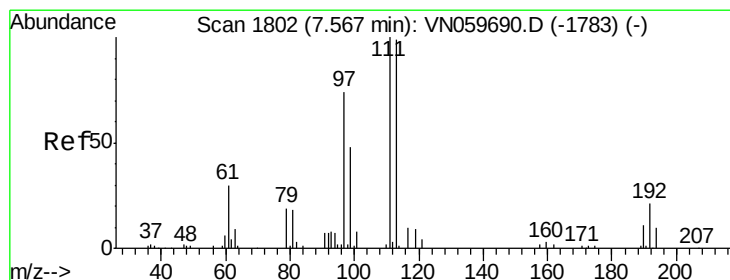
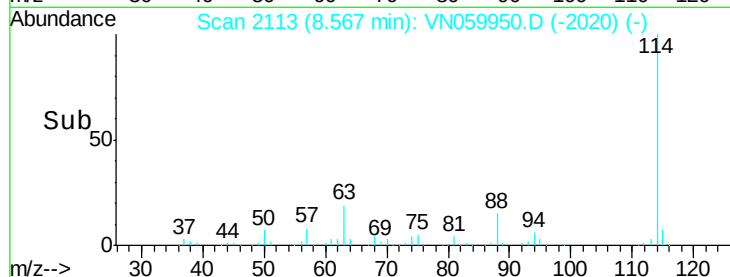
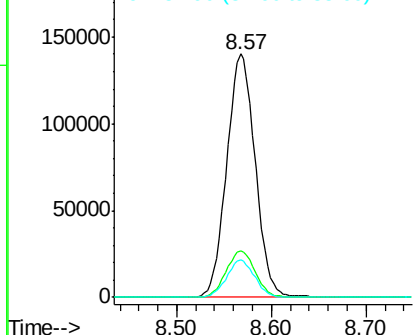
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059950.D
Acq: 31 Jan 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#01

Tot Ion:114 Resp: 293461
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.6
88 15.3 0.0 31.4

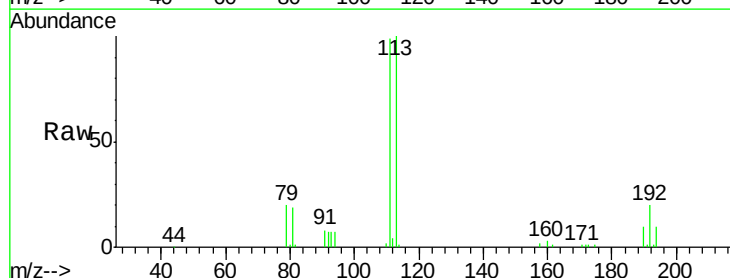


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

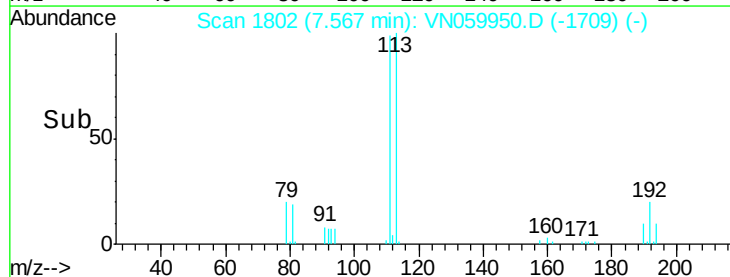
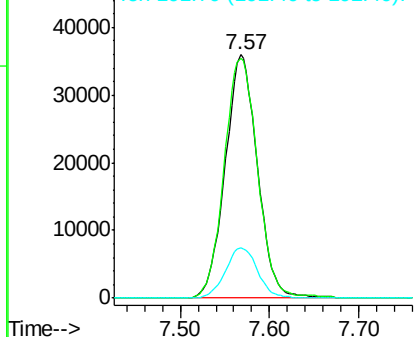


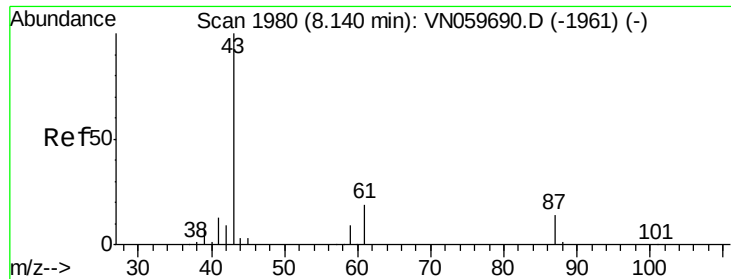
#35
Dibromofluoromethane
Concen: 51.373 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059950.D
Acq: 31 Jan 2020 16:05

Tgt Ion:113 Resp: 89905
Ion Ratio Lower Upper
113 100
111 102.1 83.5 125.3
192 20.5 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: 10.339 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059950.D

Acq: 31 Jan 2020 16:05

Instrument :

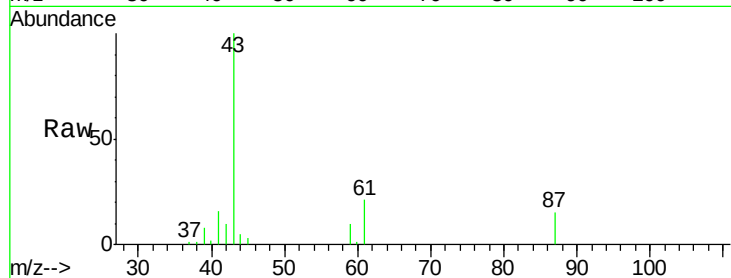
MSVOA_N

ClientSampleId :

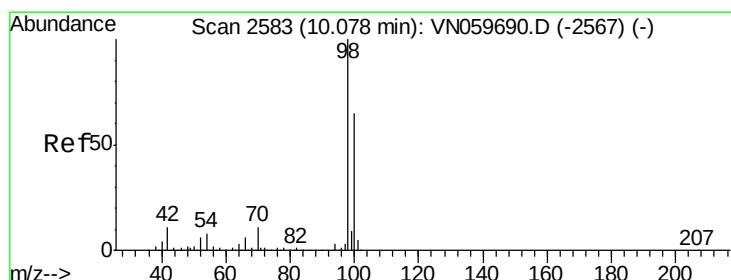
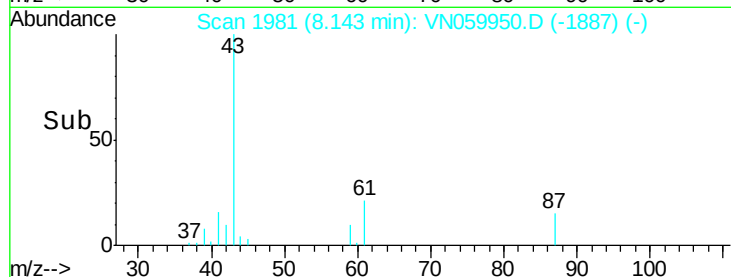
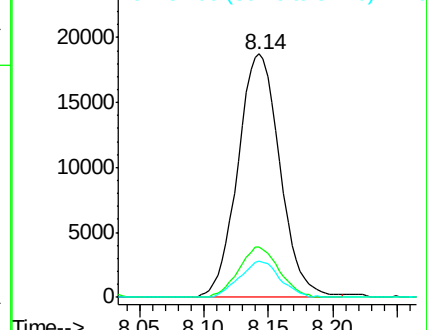
PB126487ZHE#01

Tot Ion: 43 Resp: 42624

Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.2	30.2#
87	14.2	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059950.D (-1887) (-)



#50

Toluene-d8

Concen: 52.033 ug/l

RT: 10.08 min Scan# 2583

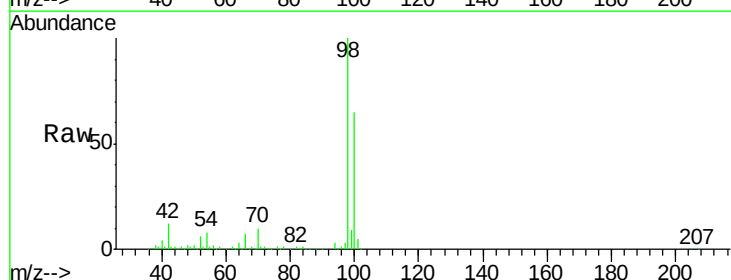
Delta R.T. 0.00 min

Lab File: VN059950.D

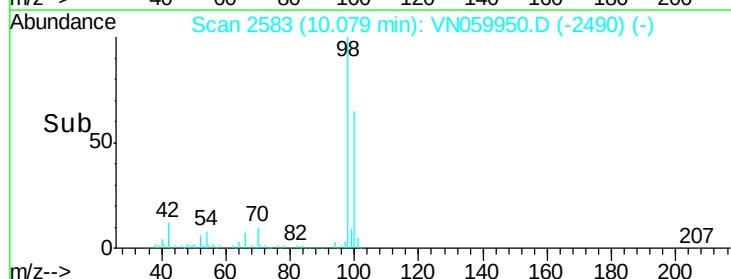
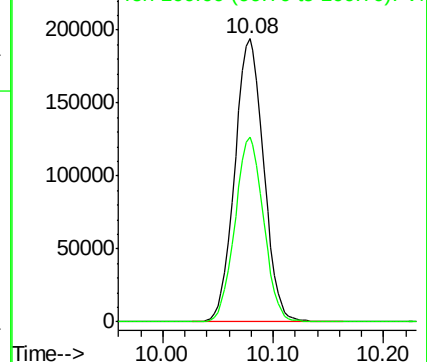
Acq: 31 Jan 2020 16:05

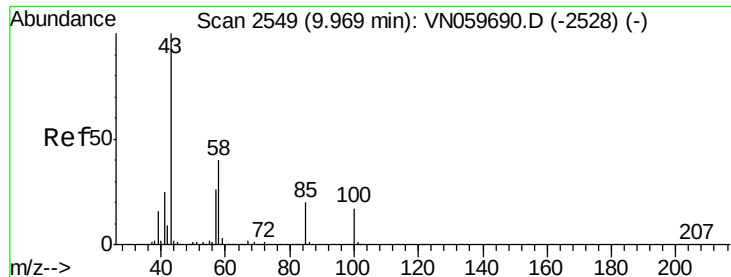
Tgt Ion: 98 Resp: 352813

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059950.D (-2490) (-)

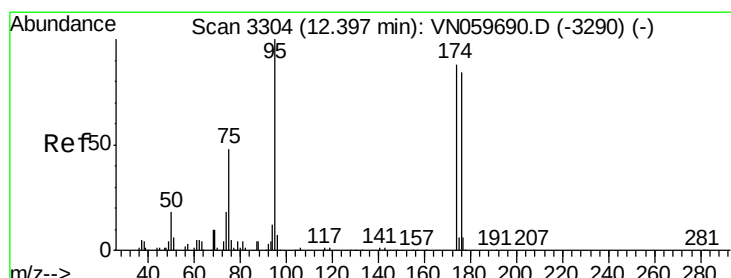
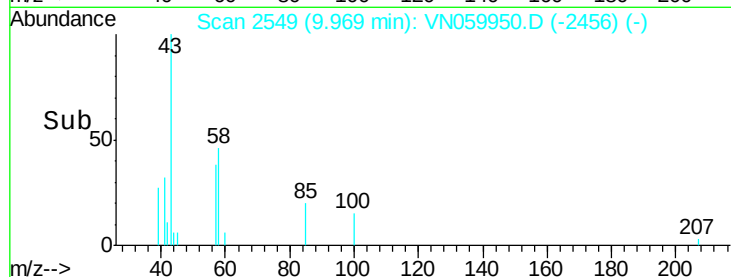
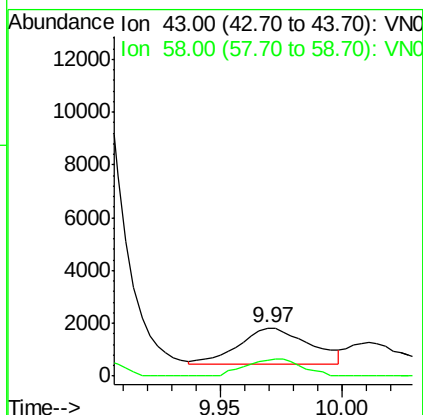
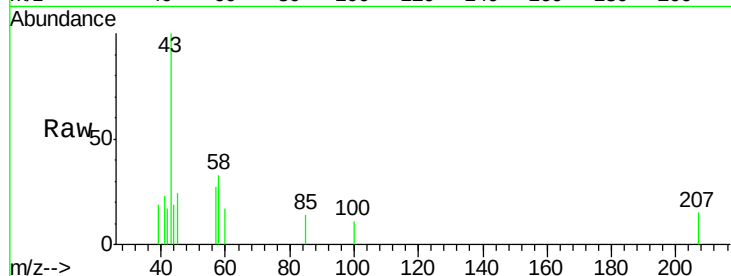




#51
4-Methyl-2-Pentanone
Concen: 1.161 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059950.D
Acq: 31 Jan 2020 16:05

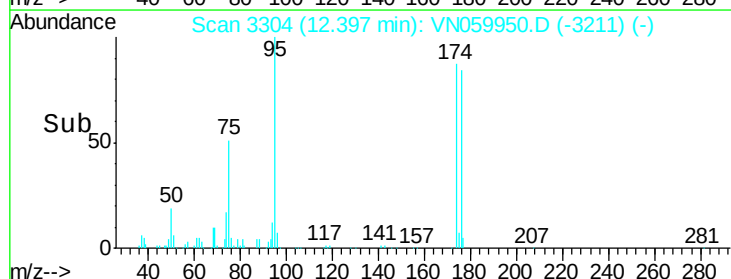
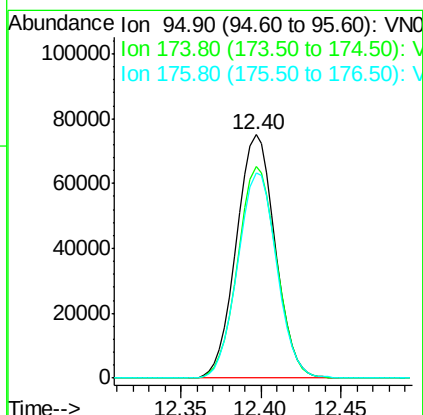
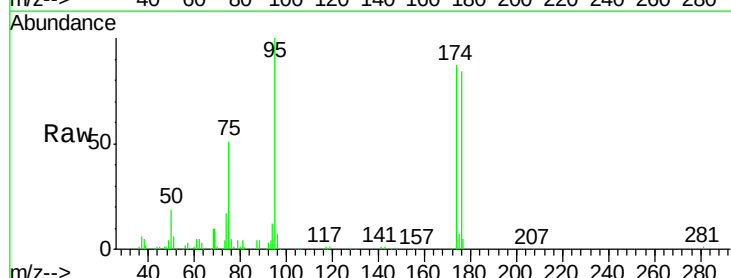
Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#01

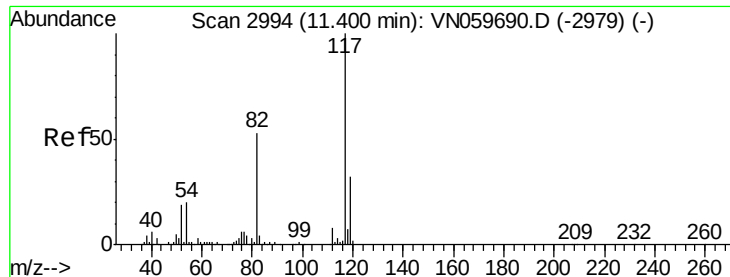
Tot Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
58 36.3 29.8 44.8



#62
4-Bromofluorobenzene
Concen: 50.722 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059950.D
Acq: 31 Jan 2020 16:05

Tgt Ion: 95 Resp: 123983
Ion Ratio Lower Upper
95 100
174 87.2 0.0 151.4
176 84.9 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: VN059950.D

Acq: 31 Jan 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#01

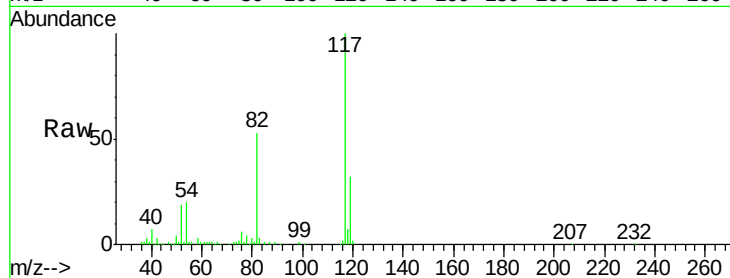
Tot Ion:117 Resp: 269698

Ion Ratio Lower Upper

117 100

82 52.7 45.9 68.9

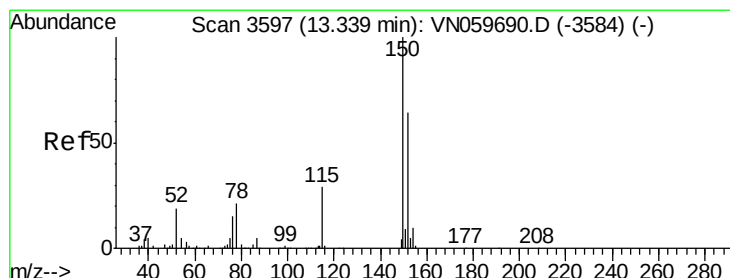
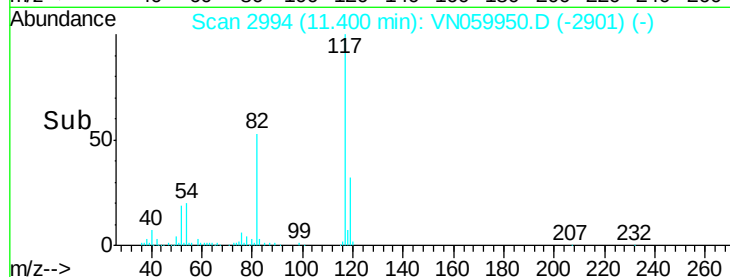
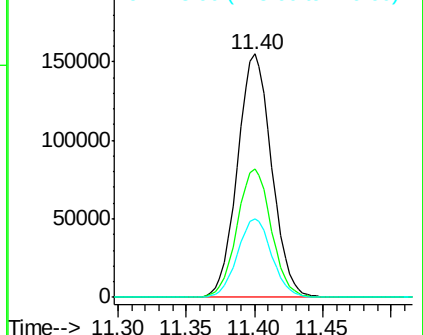
119 32.3 25.5 38.3



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: VN059950.D

Acq: 31 Jan 2020 16:05

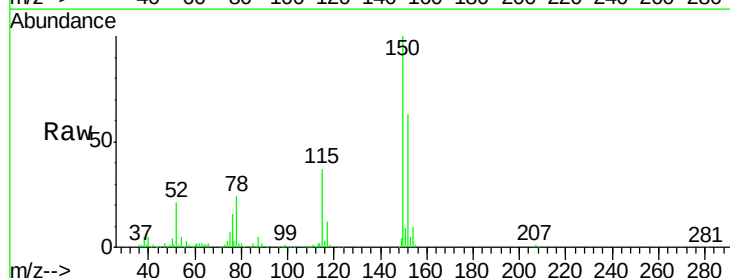
Tgt Ion:152 Resp: 122335

Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.9

150 157.5 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

