

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065054.D
 Acq On : 10 Dec 2020 20:07
 Operator : JC/MD
 Sample : PB133501ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#02

Quant Time: Dec 11 04:13:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	319846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127247	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	104502	55.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.30%	
35) Dibromofluoromethane		7.55	113	95428	49.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.08%	
50) Toluene-d8		10.06	98	384913	52.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.18%	
62) 4-Bromofluorobenzene		12.38	95	140941	55.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.30%	

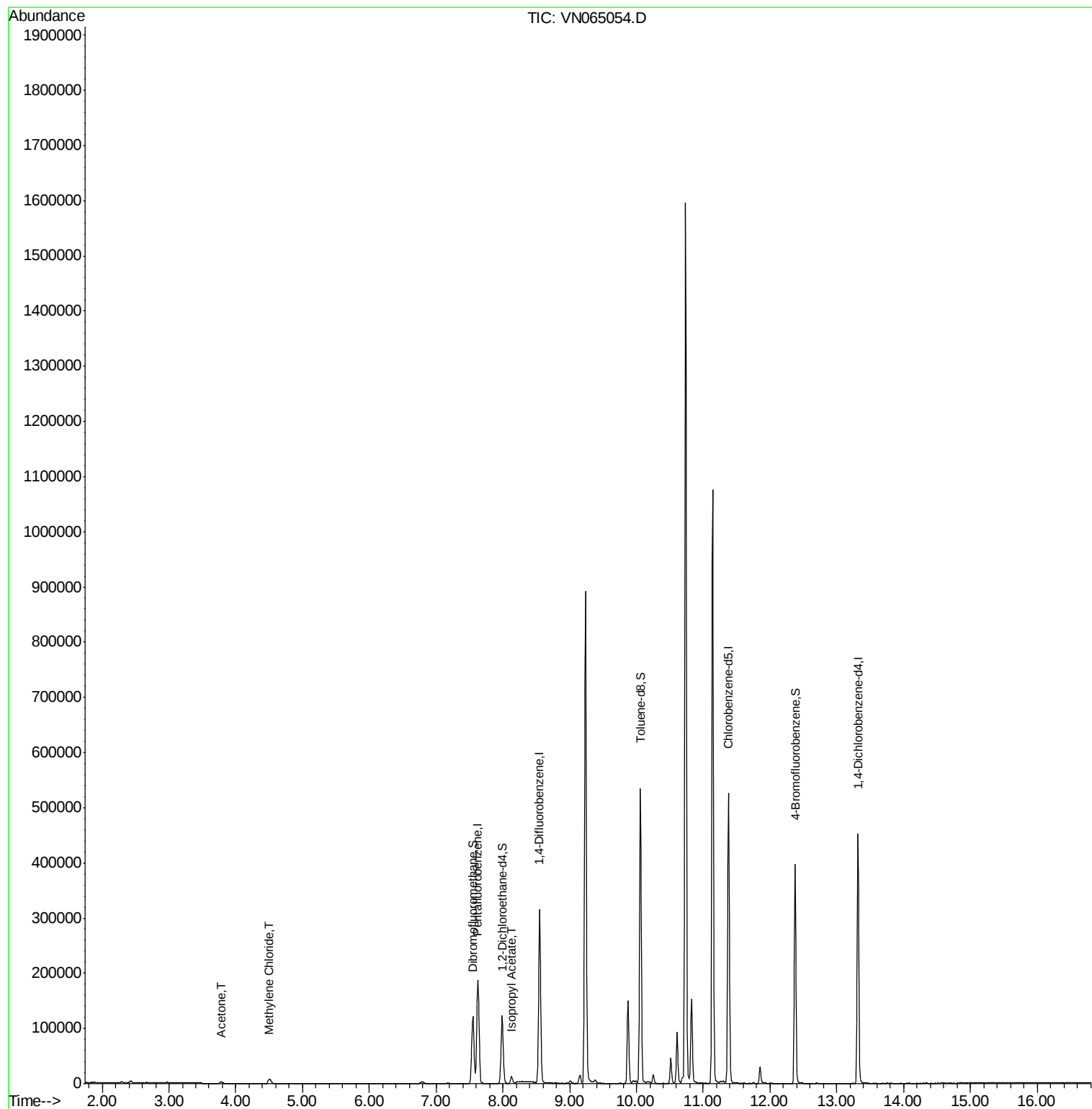
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5934	8.829	ug/l	92
20) Methylene Chloride	4.50	84	6596	3.852	ug/l	93
43) Isopropyl Acetate	8.13	43	14940	3.981	ug/l	97

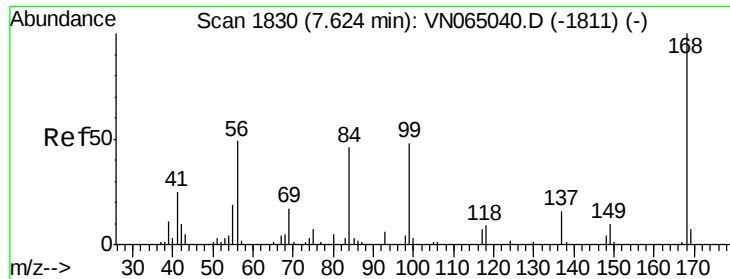
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 10 16:04:22 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065054.D

Acq: 10 Dec 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

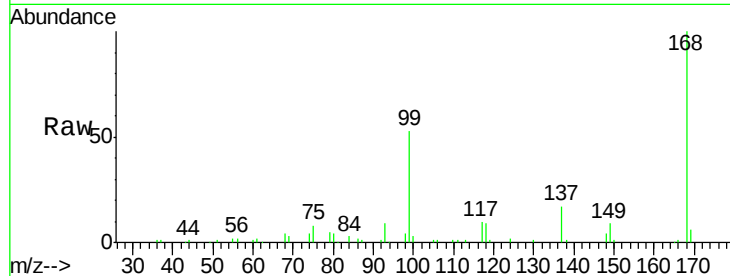
PB133501ZHE#02

Tot Ion:168 Resp: 159159

Ion Ratio Lower Upper

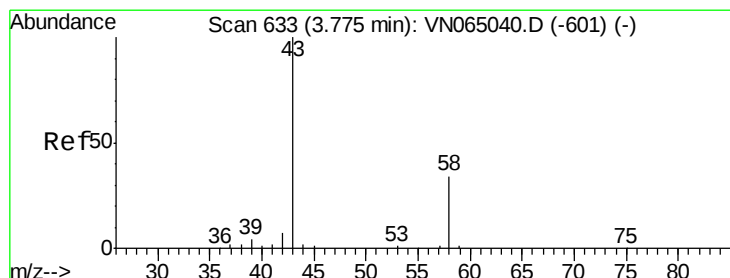
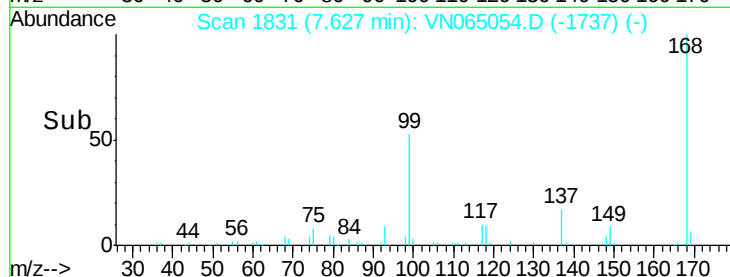
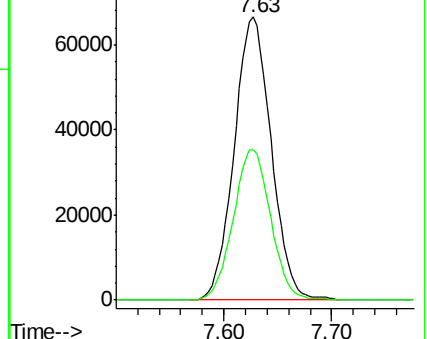
168 100

99 52.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.829 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN065054.D

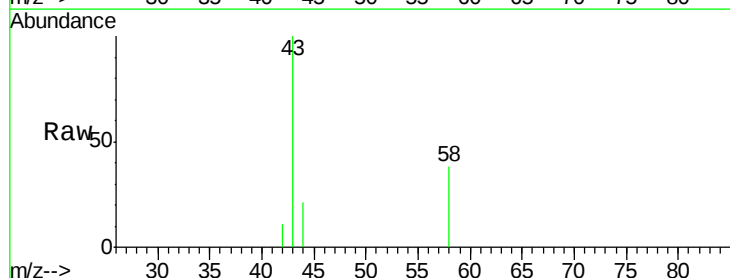
Acq: 10 Dec 2020 20:07

Tgt Ion: 43 Resp: 5934

Ion Ratio Lower Upper

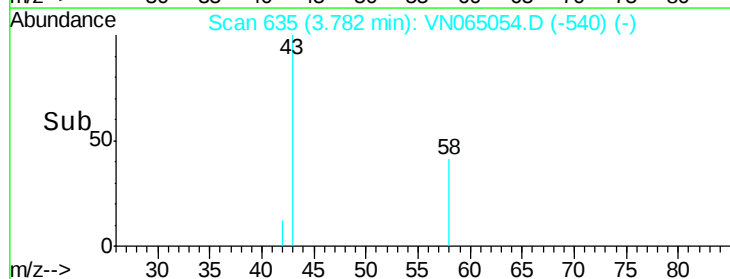
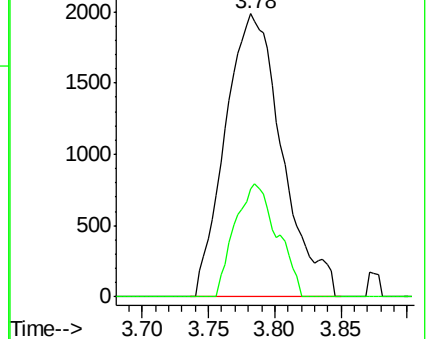
43 100

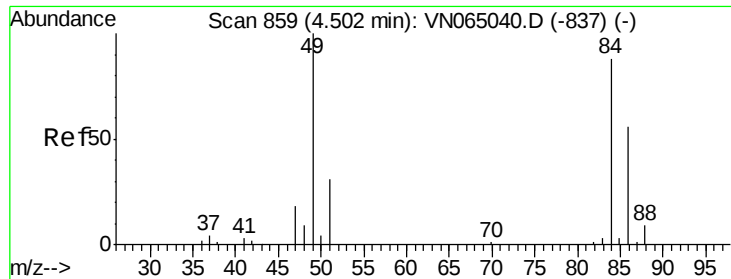
58 38.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

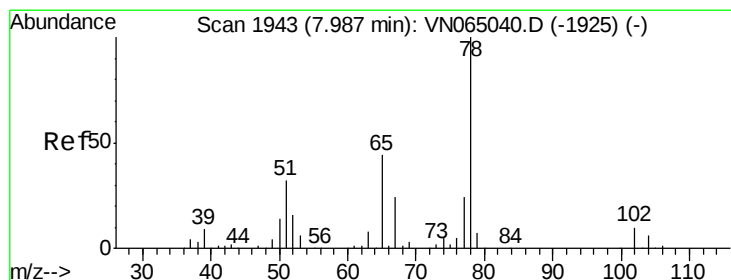
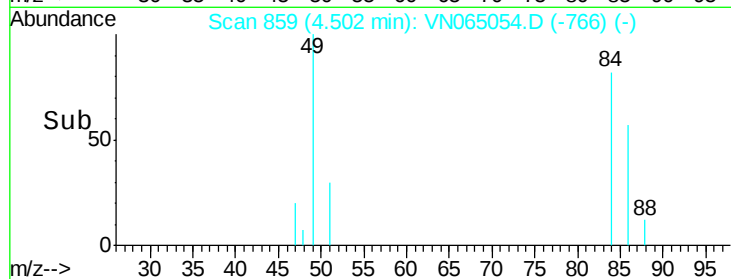
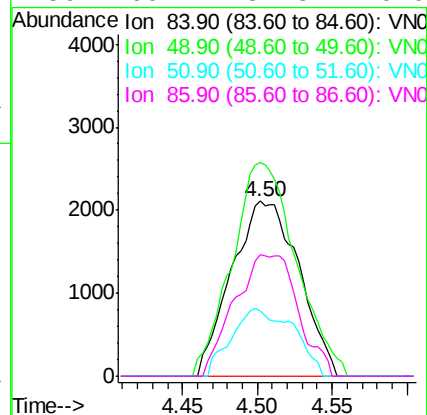
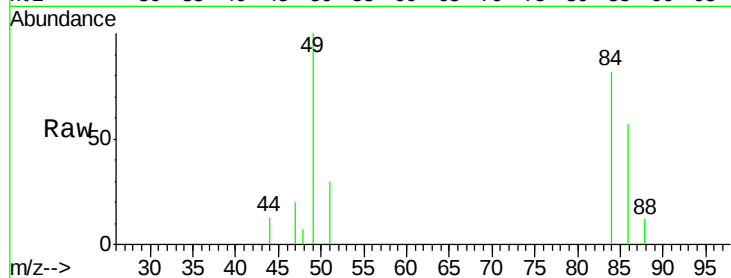




#20
Methvlene Chloride
Concen: 3.852 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

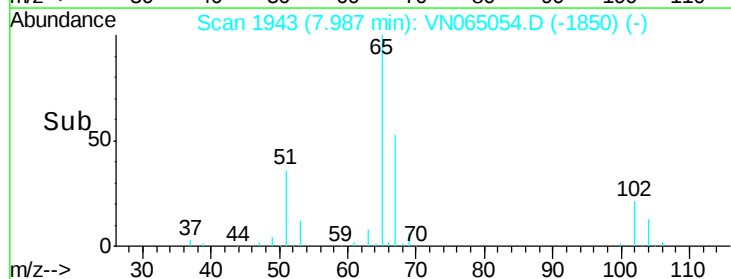
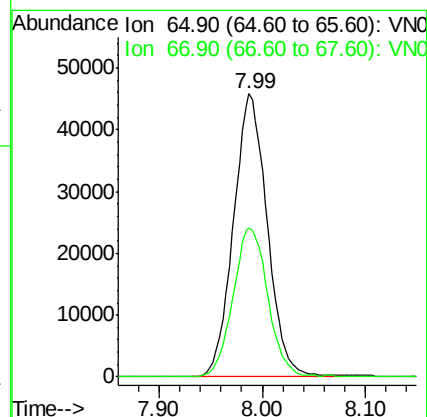
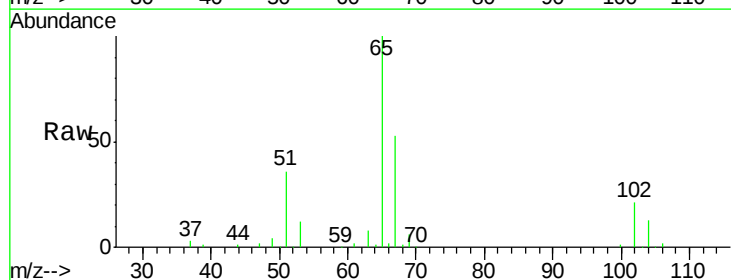
Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#02

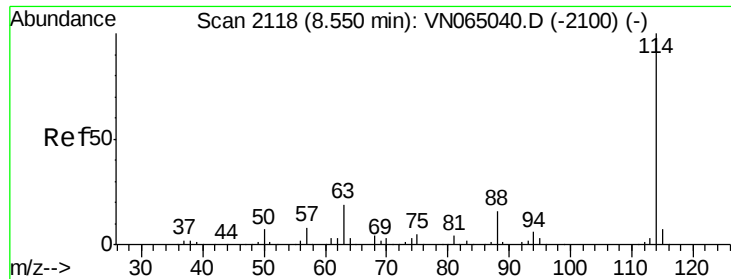
Tot Ion: 84 Resp: 6596
Ion Ratio Lower Upper
84 100
49 121.9 90.8 136.2
51 37.1 28.1 42.1
86 69.7 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 55.148 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 65 Resp: 104502
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.4

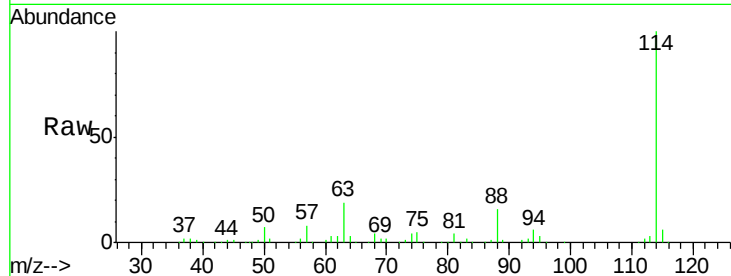




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065054.D
 Acq: 10 Dec 2020 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#02

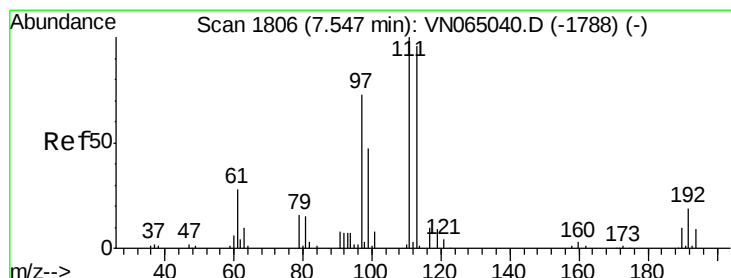
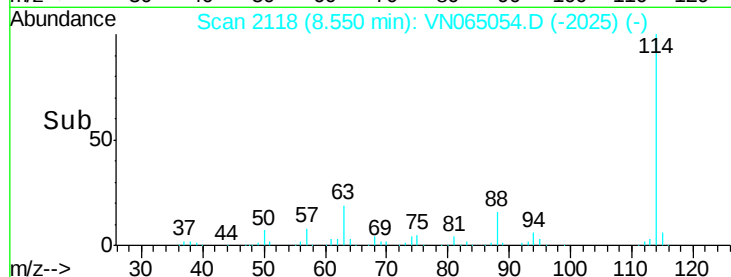
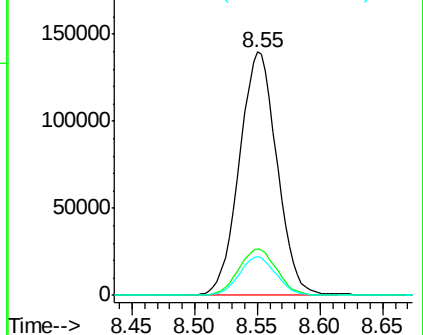
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.2
88	15.9	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

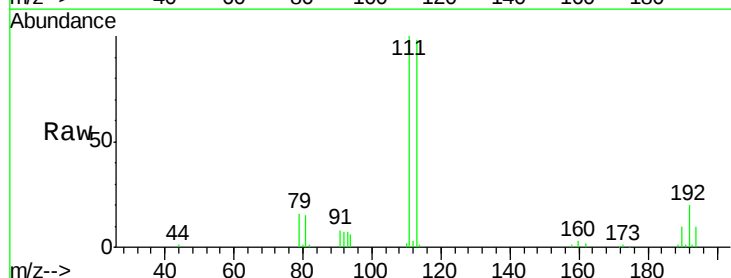
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN065054.D
 Acq: 10 Dec 2020 20:07

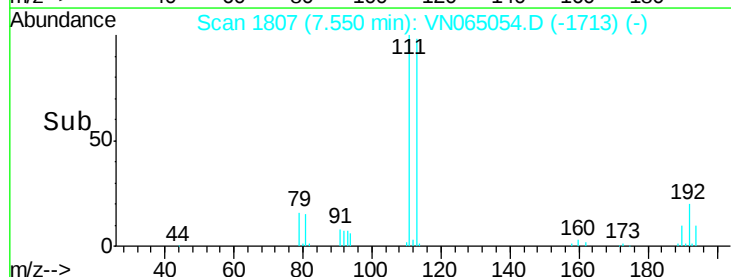
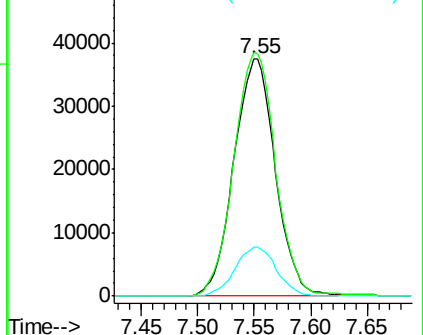
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	20.6	16.2	24.2

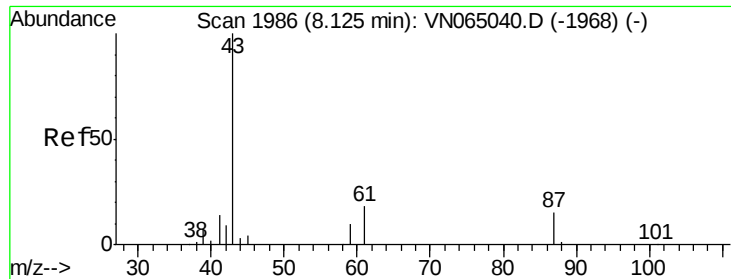


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.981 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065054.D

Acq: 10 Dec 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#02

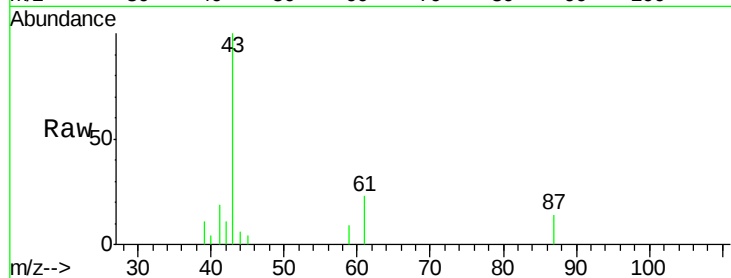
Tot Ion: 43 Resp: 14940

Ion Ratio Lower Upper

43 100

61 18.9 16.9 25.3

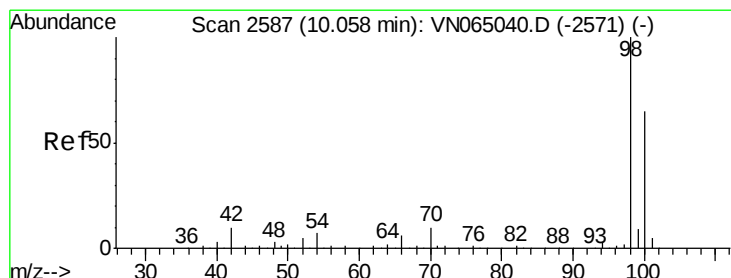
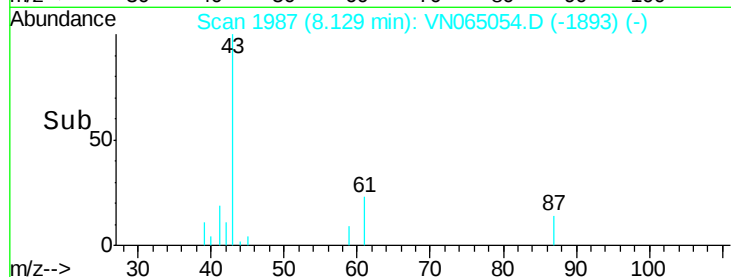
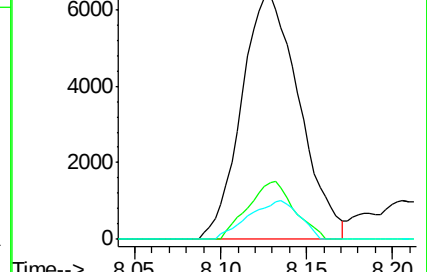
87 13.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN065054.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN065054.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN065054.D (-1968) (-)



#50

Toluene-d8

Concen: 52.090 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065054.D

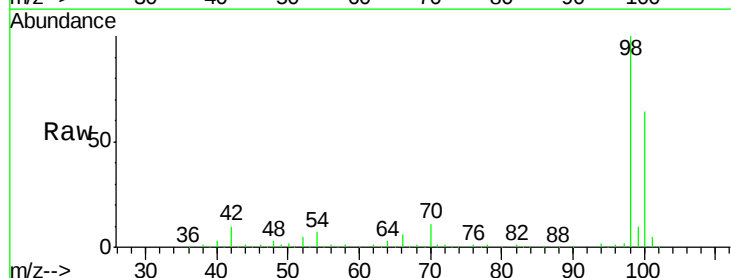
Acq: 10 Dec 2020 20:07

Tgt Ion: 98 Resp: 384913

Ion Ratio Lower Upper

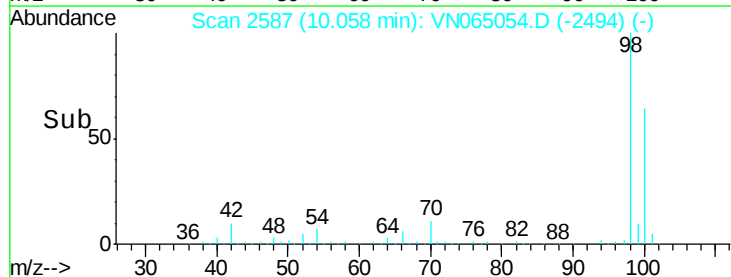
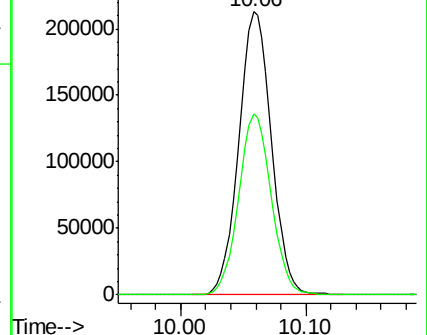
98 100

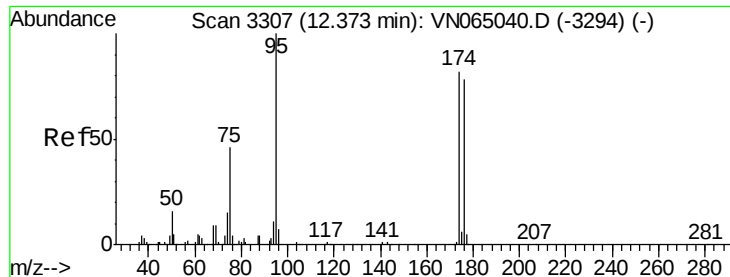
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN065054.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN065054.D (-2571) (-)

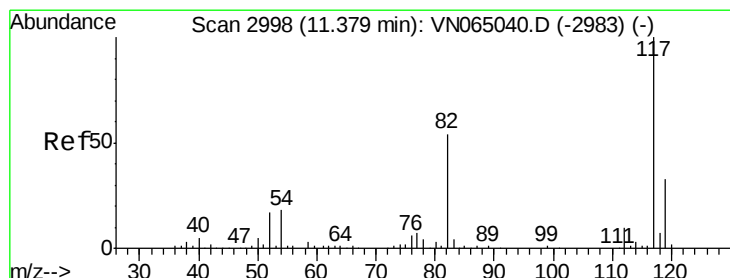
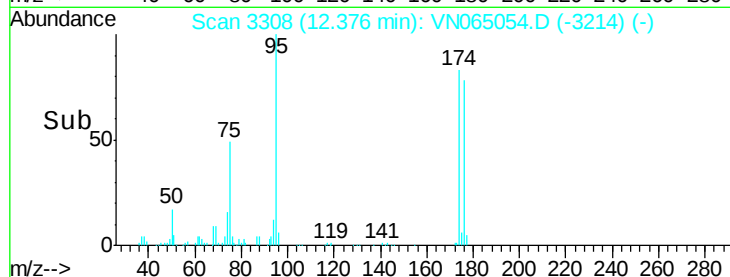
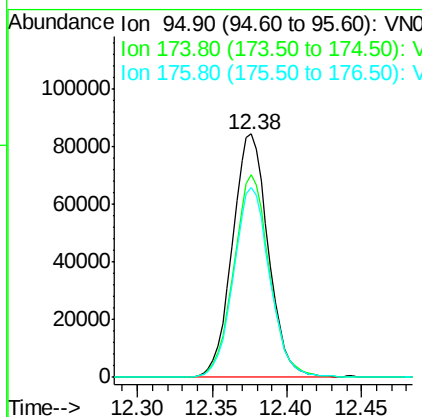
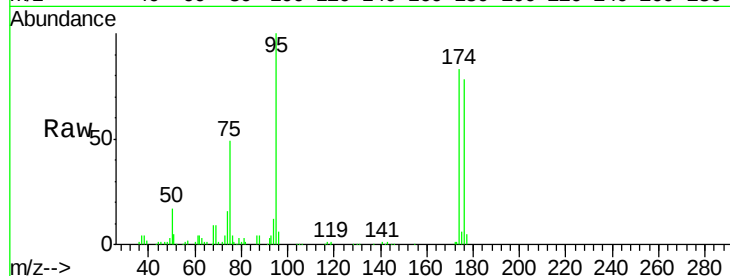




#62
4-Bromofluorobenzene
Concen: 55.648 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

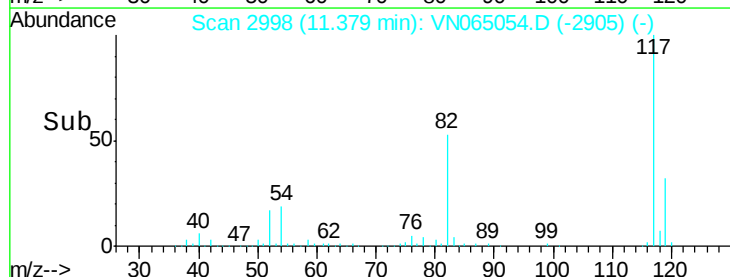
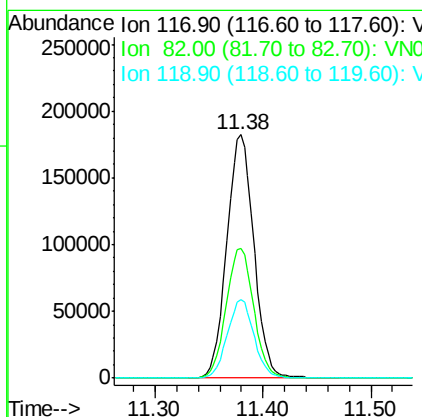
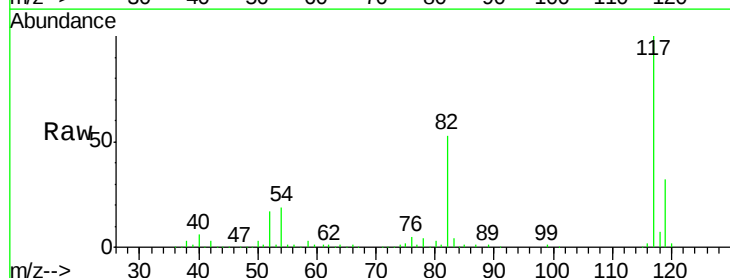
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PB133501ZHE#02

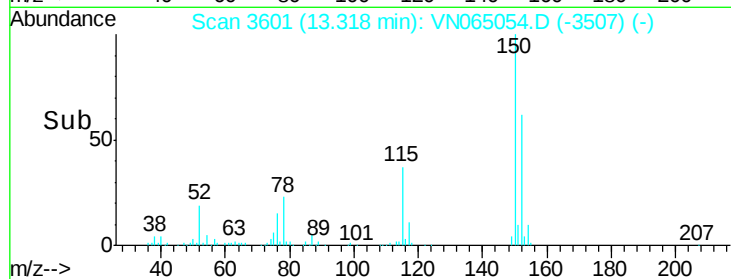
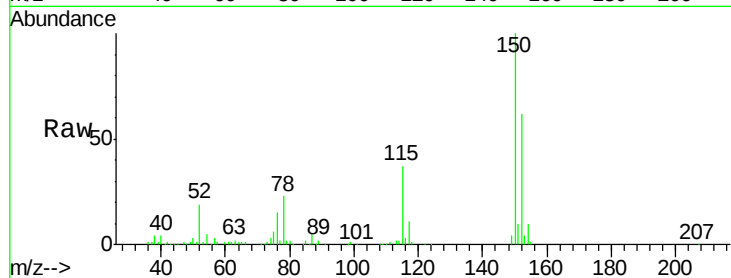
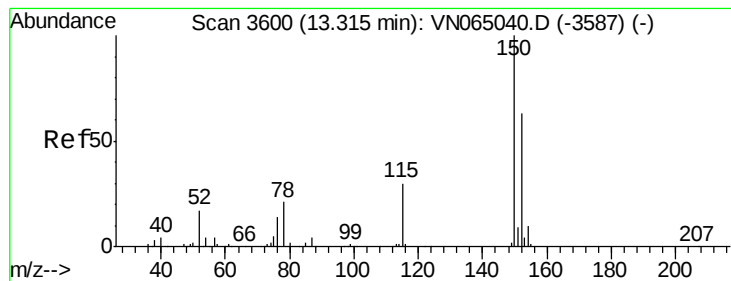
Tot Ion: 95 Resp: 140941
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.8
176 78.7 0.0 158.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065054.D
Acq: 10 Dec 2020 20:07

Tgt Ion: 117 Resp: 319846
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 32.4 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065054.D

Acq: 10 Dec 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#02

Tot Ion:152 Resp: 127247

Ion Ratio Lower Upper

152 100

115 60.2 29.3 88.0

150 161.6 0.0 345.8

