

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064073.D
 Acq On : 10 Oct 2020 6:49
 Operator : JC/MD
 Sample : PB132226ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#18

Quant Time: Oct 10 08:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

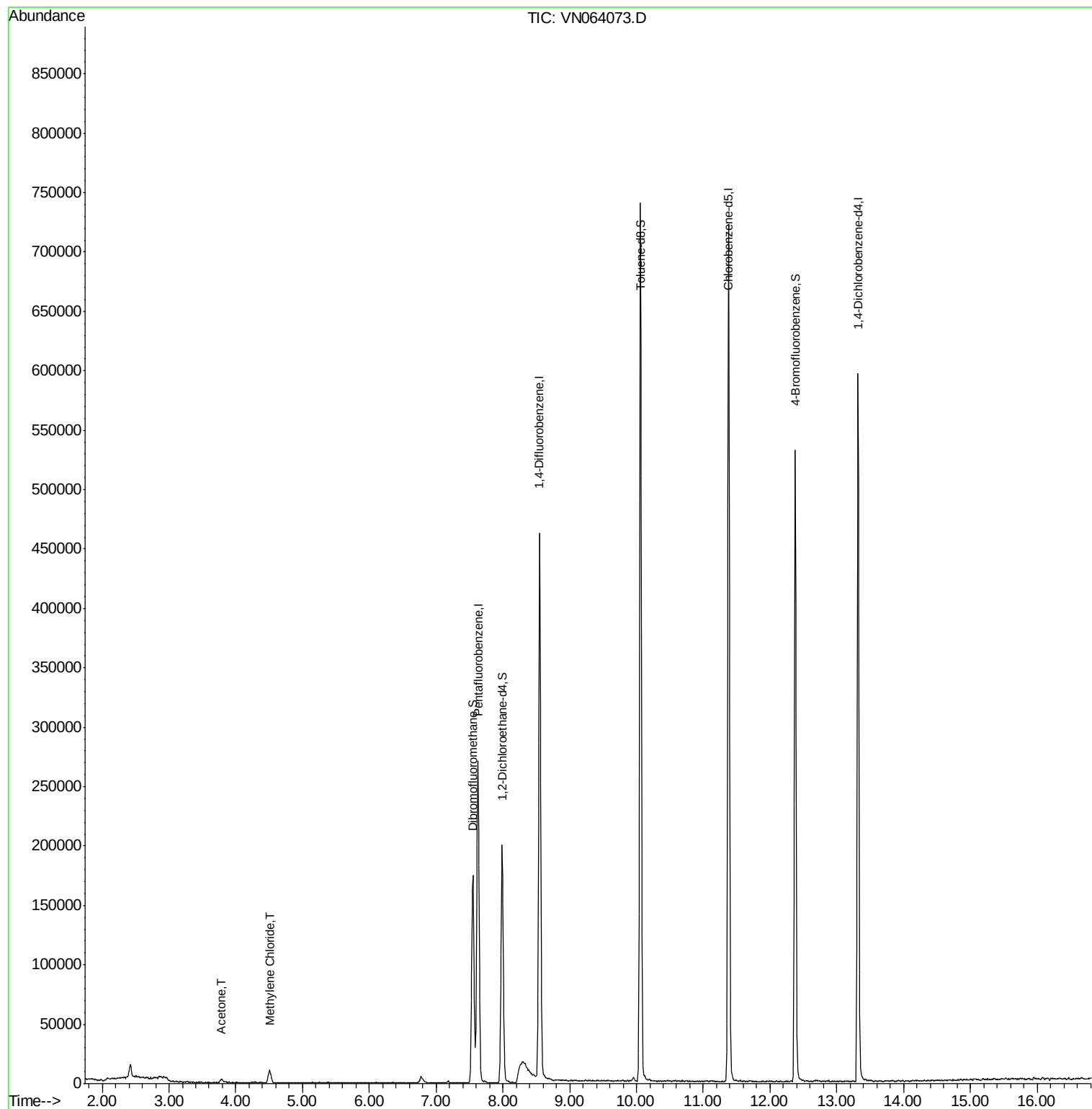
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	380312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179081	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.55	113	130853	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.06	98	487632	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.38	95	182323	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
16) Acetone	3.78	43	5814	5.737	ug/l	99
20) Methylene Chloride	4.51	84	6969	3.094	ug/l #	95

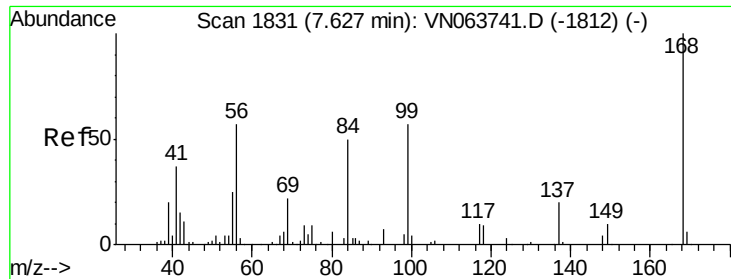
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

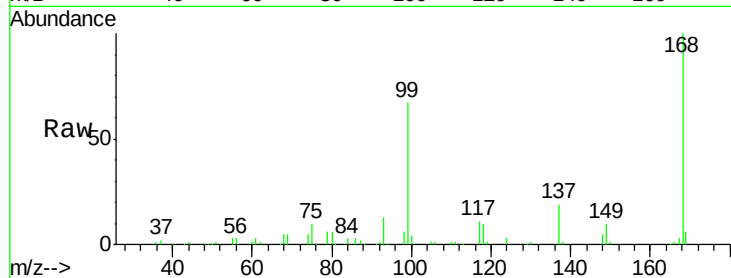
PB132226ZHE#18

Tot Ion:168 Resp: 199286

Ion Ratio Lower Upper

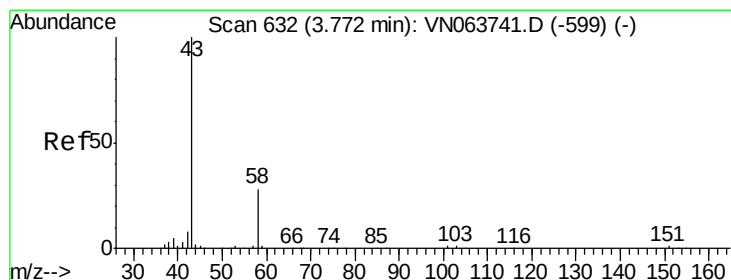
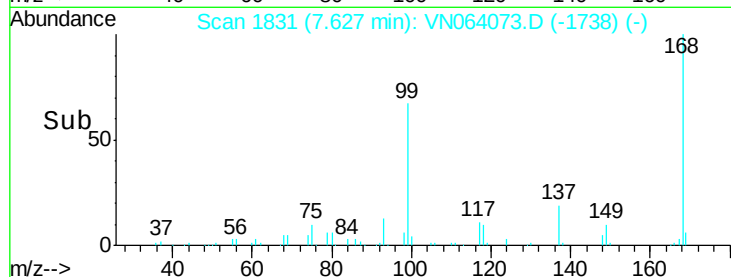
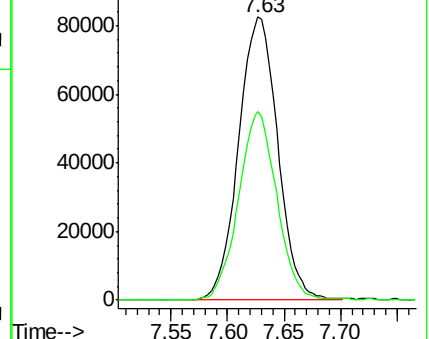
168 100

99 66.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.737 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064073.D

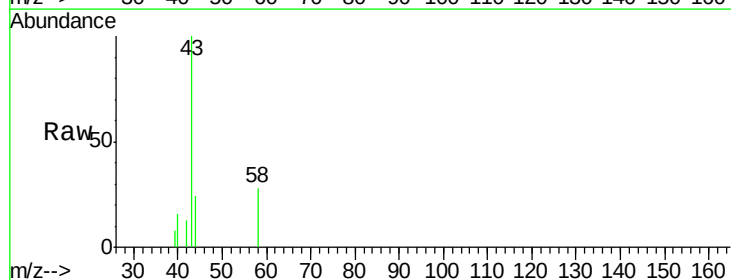
Acq: 10 Oct 2020 6:49

Tgt Ion: 43 Resp: 5814

Ion Ratio Lower Upper

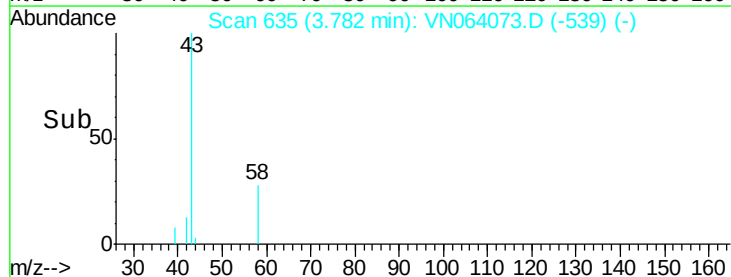
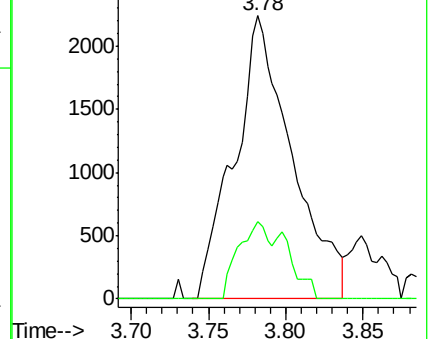
43 100

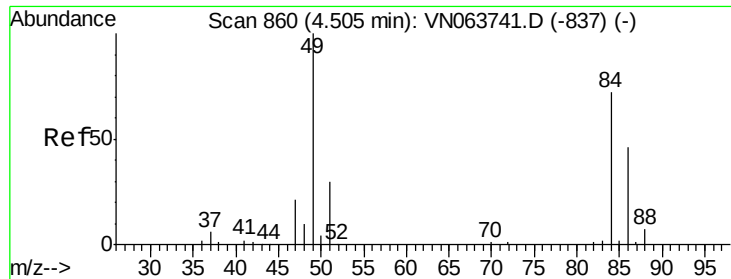
58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

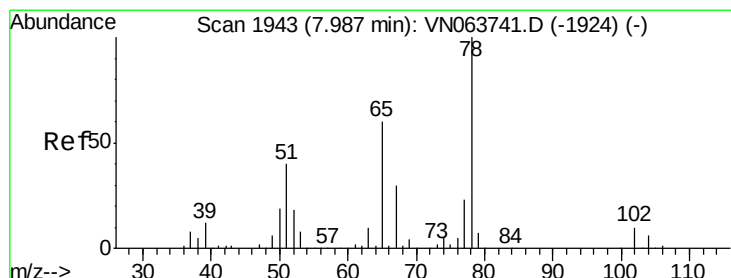
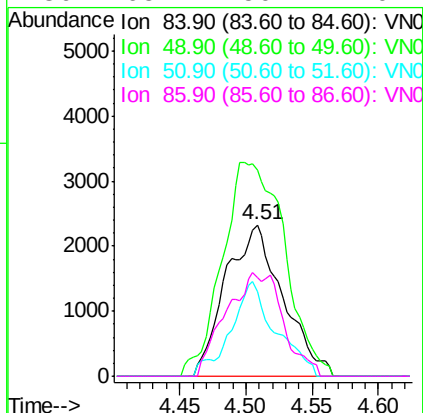
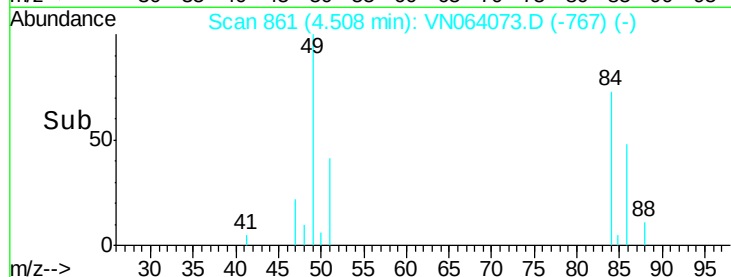
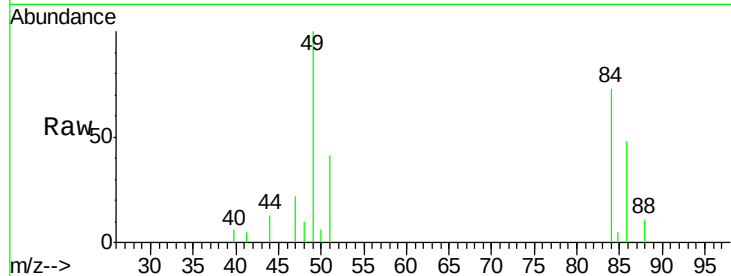




#20
Methylene Chloride
Concen: 3.094 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064073.D
Acq: 10 Oct 2020 6:49

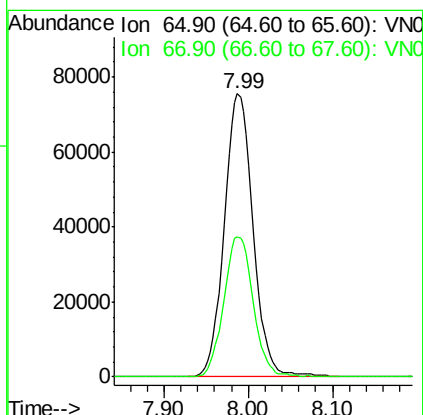
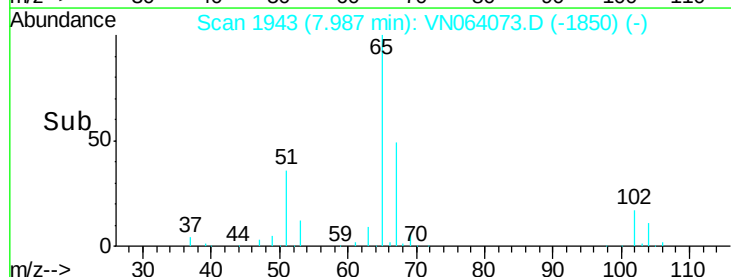
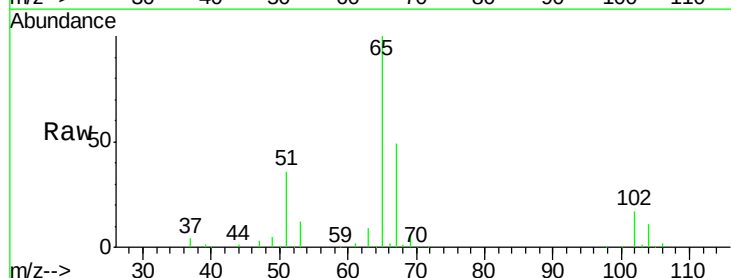
Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#18

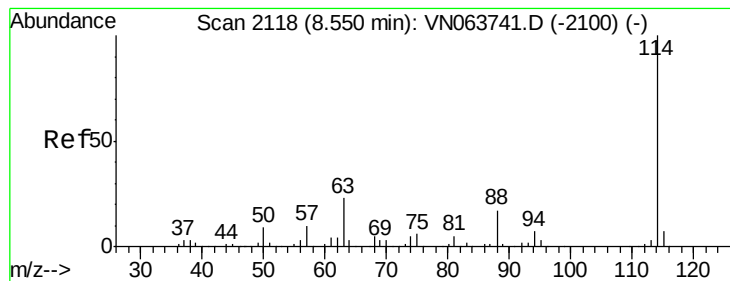
Tot Ion: 84 Resp: 6969
Ion Ratio Lower Upper
84 100
49 136.3 110.4 165.6
51 55.8 33.3 49.9#
86 65.4 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 54.393 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064073.D
Acq: 10 Oct 2020 6:49

Tgt Ion: 65 Resp: 179081
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064073.D

Acq: 10 Oct 2020 6:49

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#18

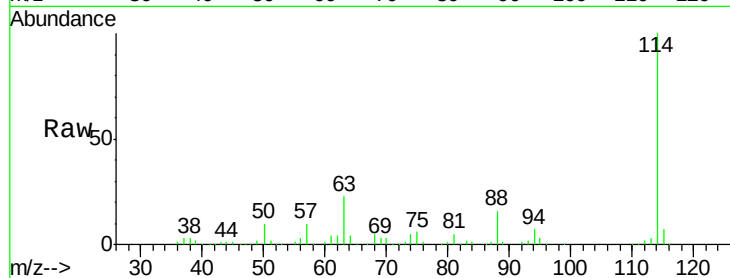
Tot Ion:114 Resp: 380312

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

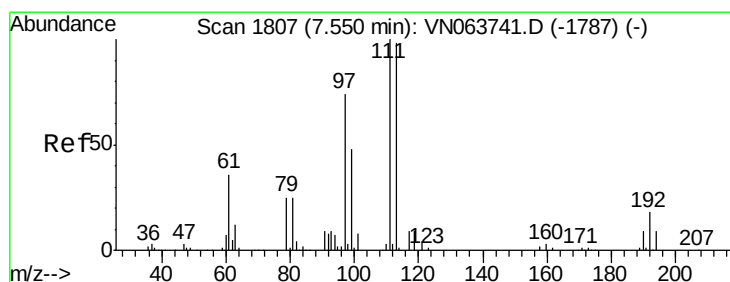
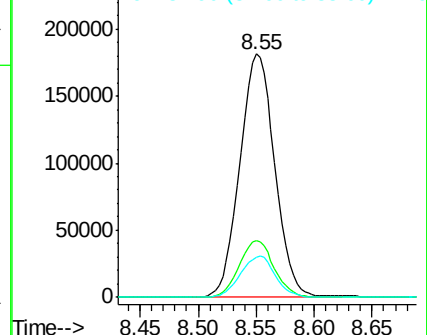
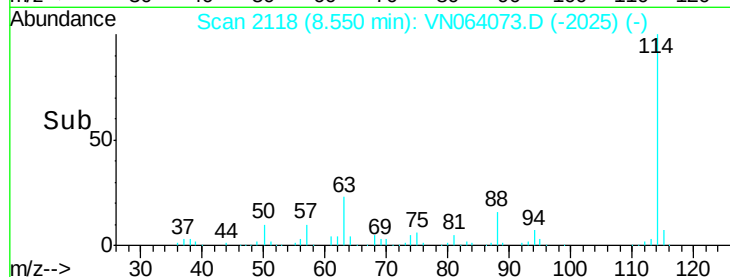
88 16.5 0.0 34.0



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: 49.586 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064073.D

Acq: 10 Oct 2020 6:49

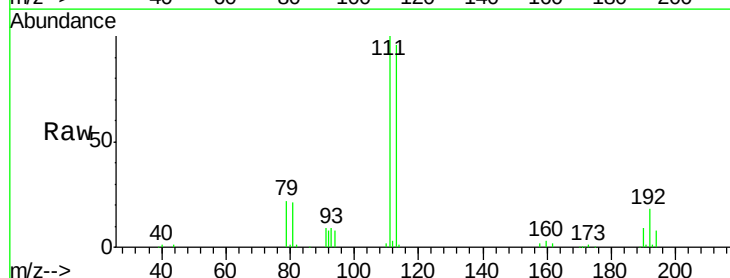
Tgt Ion:113 Resp: 130853

Ion Ratio Lower Upper

113 100

111 106.2 81.8 122.8

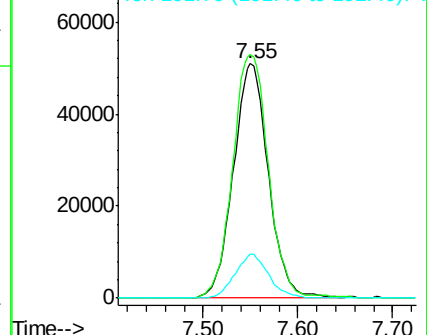
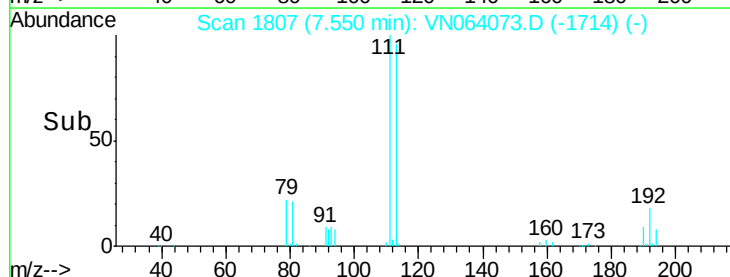
192 17.9 14.2 21.2

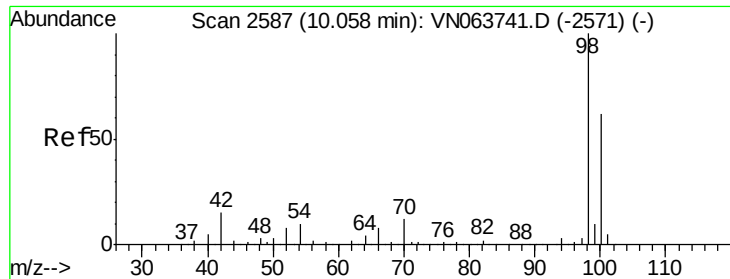


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.745 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064073.D

Acq: 10 Oct 2020 6:49

Instrument :

MSVOA_N

ClientSampleId :

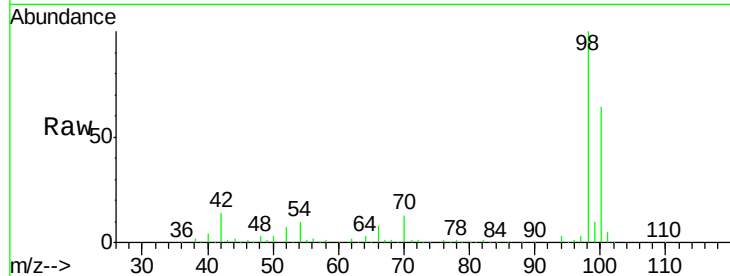
PB132226ZHE#18

Tot Ion: 98 Resp: 487632

Ion Ratio Lower Upper

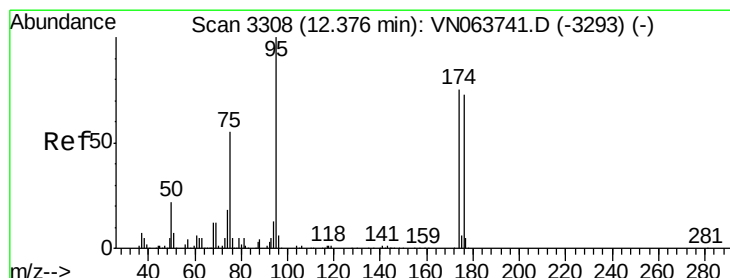
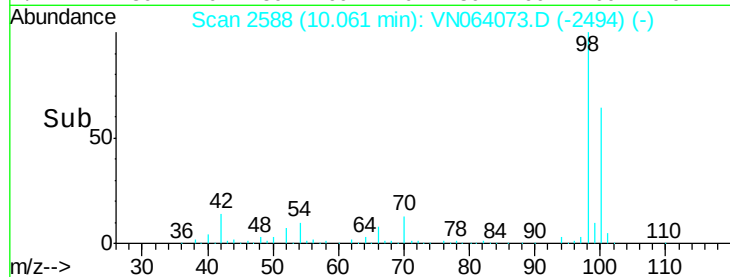
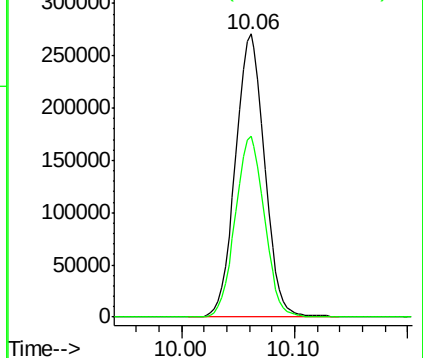
98 100

100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.484 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064073.D

Acq: 10 Oct 2020 6:49

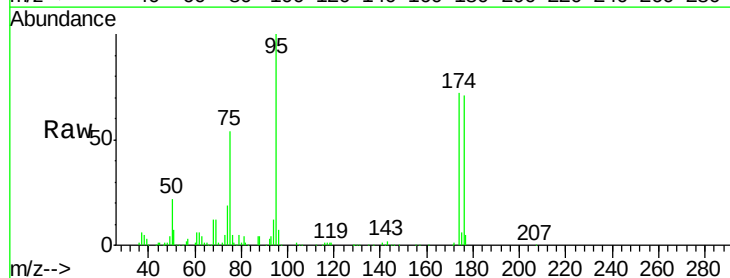
Tgt Ion: 95 Resp: 182323

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

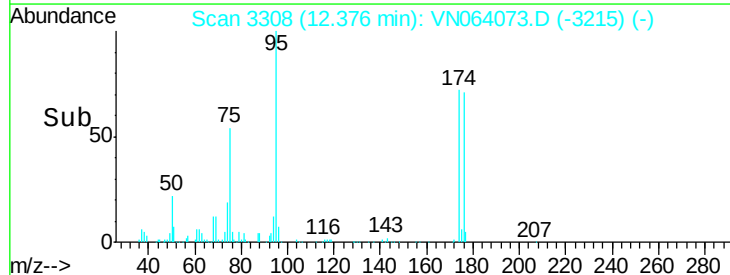
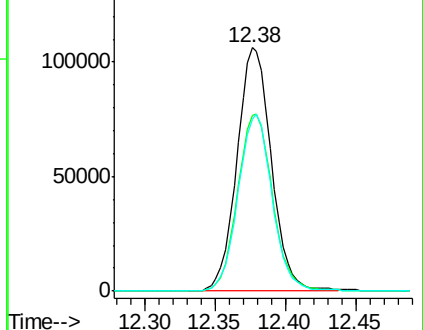
176 71.7 0.0 145.4

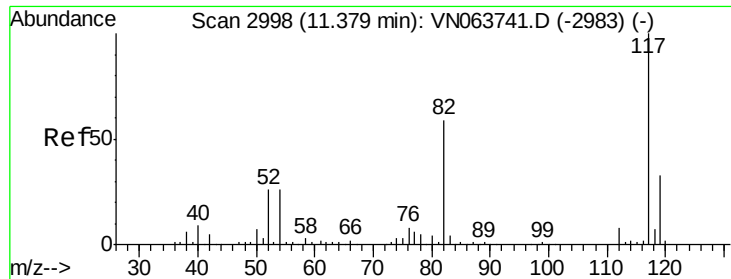


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

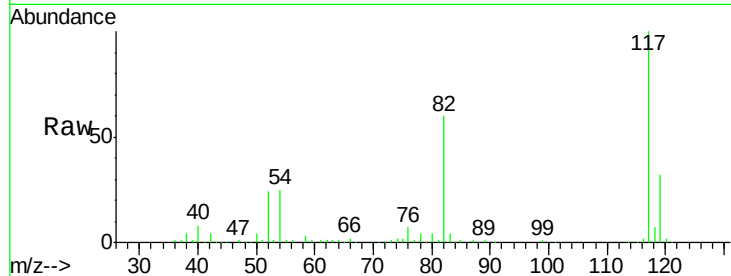




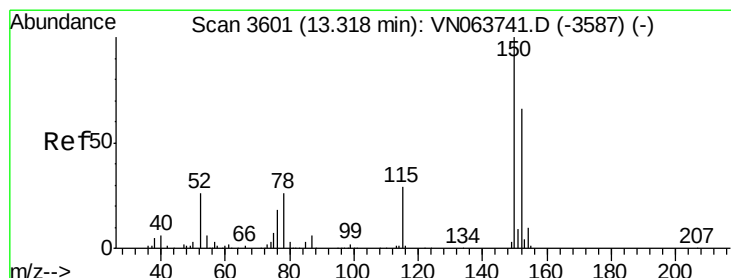
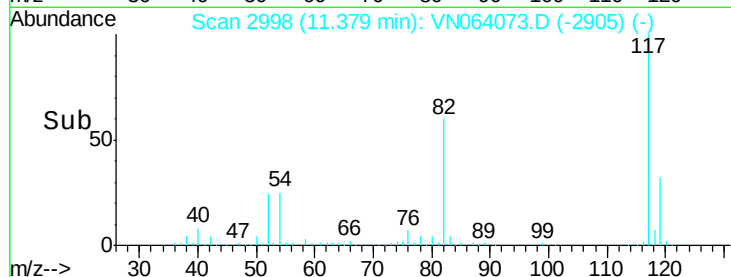
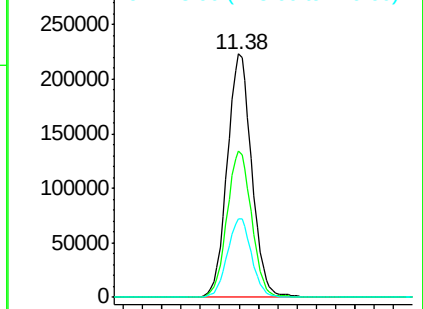
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064073.D
Acq: 10 Oct 2020 6:49

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#18

Tot Ion:117 Resp: 392599
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.2 26.4 39.6

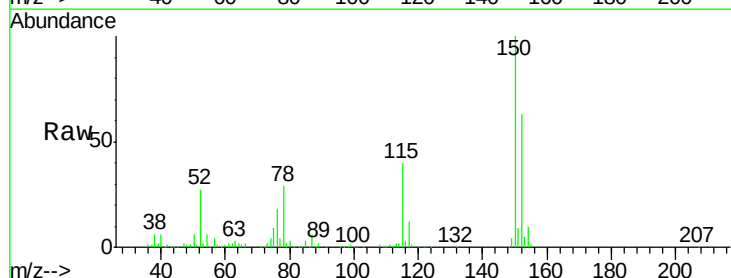


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064073.D
Acq: 10 Oct 2020 6:49

Tgt Ion:152 Resp: 150528
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 156.4 0.0 341.8



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

