

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064107.D
 Acq On : 13 Oct 2020 17:34
 Operator : JC/MD
 Sample : L4333-15RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OH-WC-C-D4RE

Quant Time: Oct 14 04:46:45 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

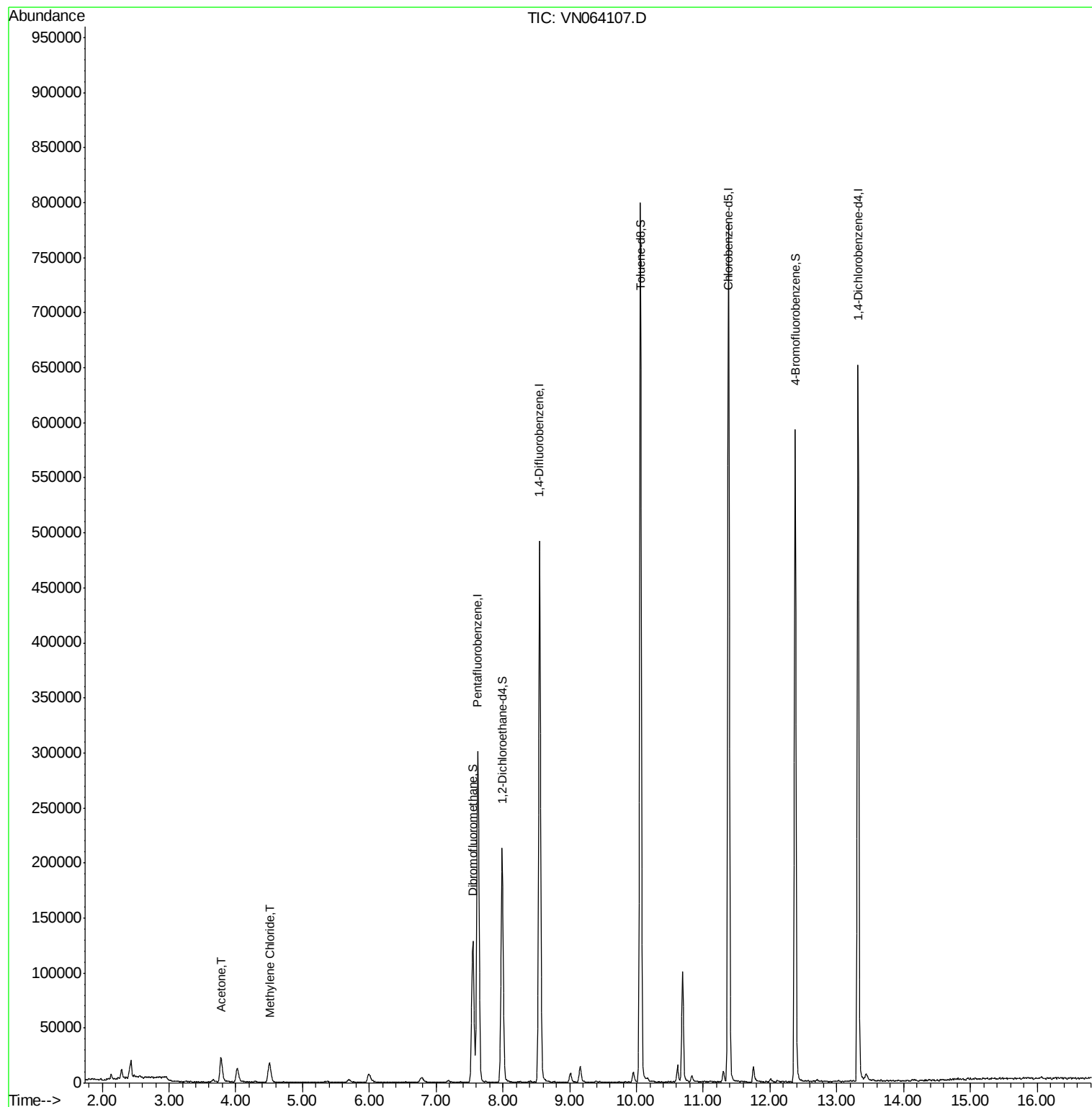
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183532	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	97624	34.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.24%	
50) Toluene-d8	10.06	98	530073	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	203637	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
16) Acetone	3.78	43	39308	34.440	ug/l	98
20) Methylene Chloride	4.51	84	12534	4.883	ug/l	94

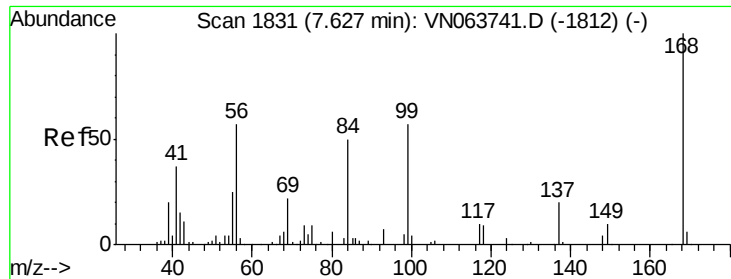
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064107.D

Acq: 13 Oct 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

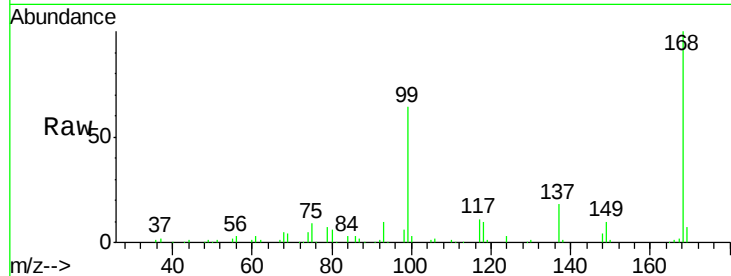
OH-WC-C-D4RE

Tot Ion:168 Resp: 224429

Ion Ratio Lower Upper

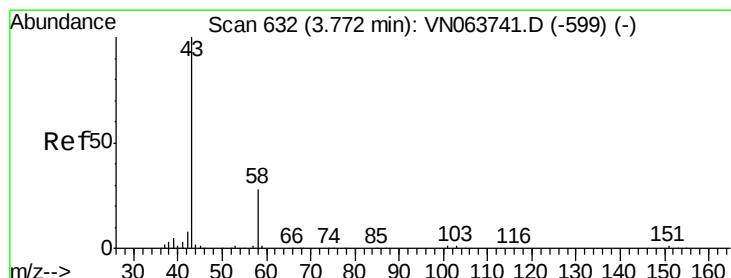
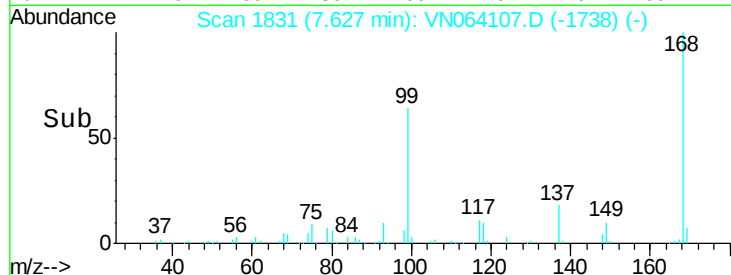
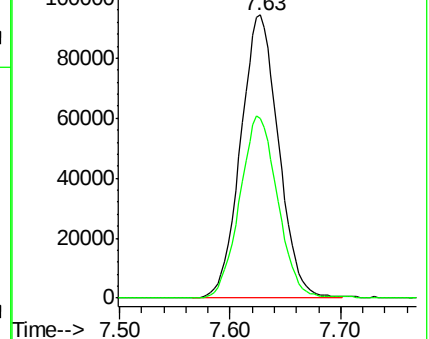
168 100

99 63.6 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: 34.440 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064107.D

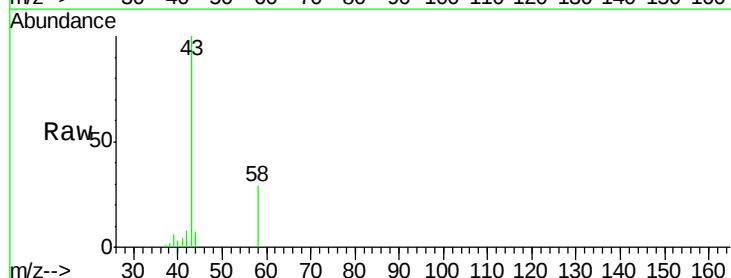
Acq: 13 Oct 2020 17:34

Tgt Ion: 43 Resp: 39308

Ion Ratio Lower Upper

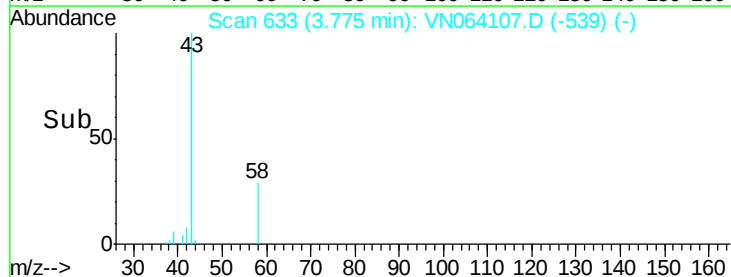
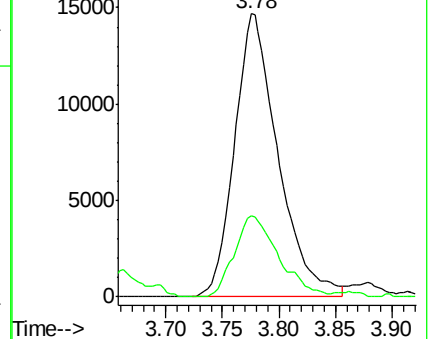
43 100

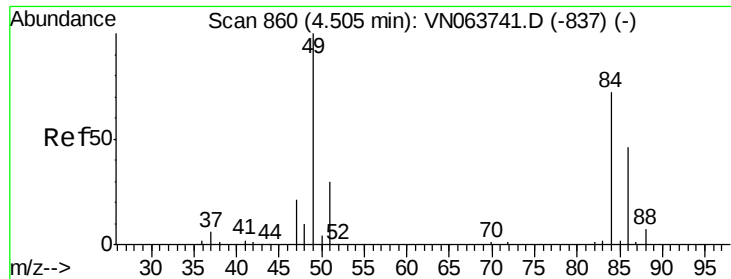
58 28.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

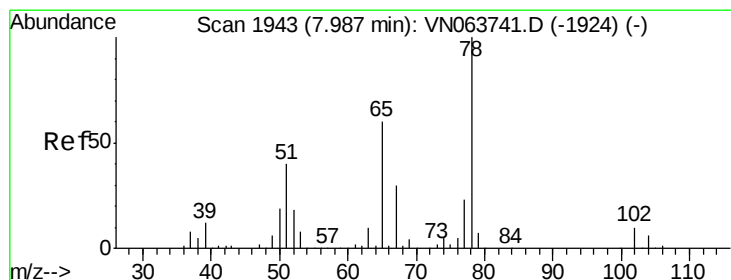
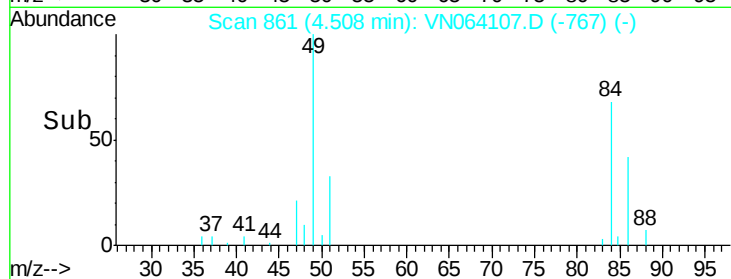
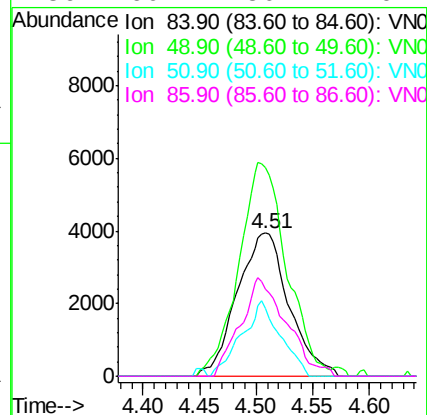
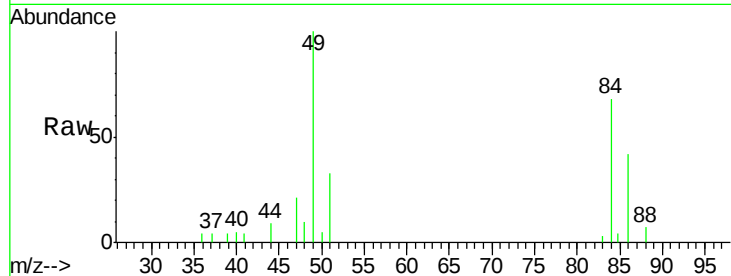




#20
Methvlene Chloride
Concen: 4.883 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064107.D
Acq: 13 Oct 2020 17:34

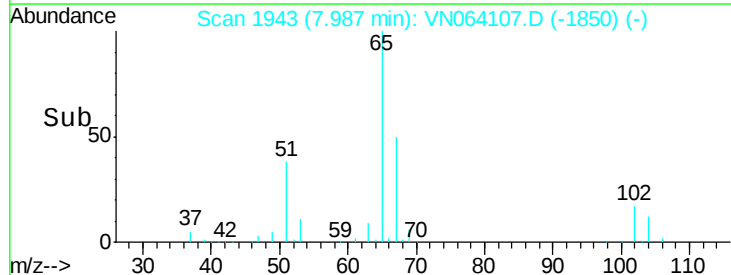
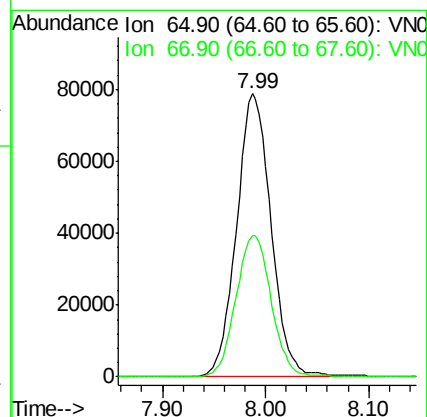
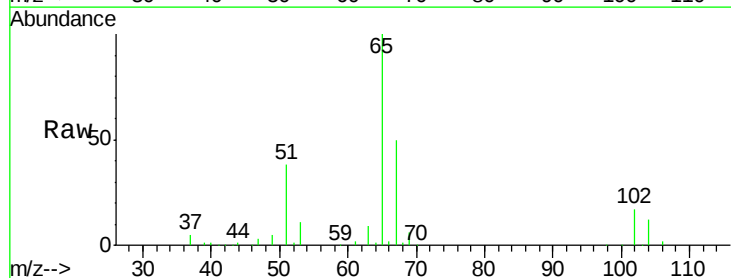
Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-D4RE

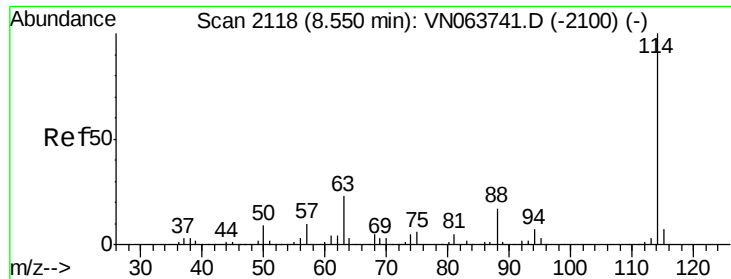
Tot Ion:	84	Resp:	12534
Ion	Ratio	Lower	Upper
84	100		
49	146.3	110.4	165.6
51	47.7	33.3	49.9
86	60.7	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 49.500 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064107.D
Acq: 13 Oct 2020 17:34

Tgt Ion:	65	Resp:	183532
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	99.6

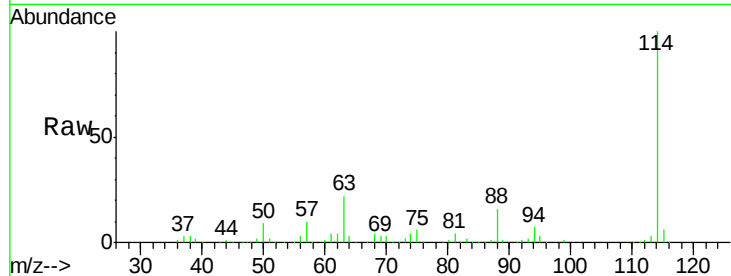




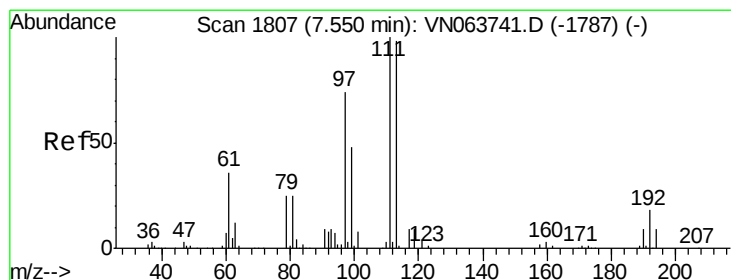
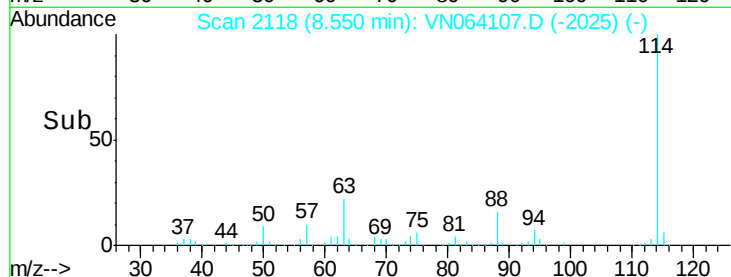
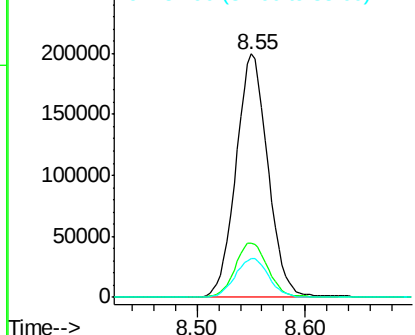
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064107.D
Acq: 13 Oct 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-D4RE

Tot Ion:114 Resp: 412392
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 15.7 0.0 34.0

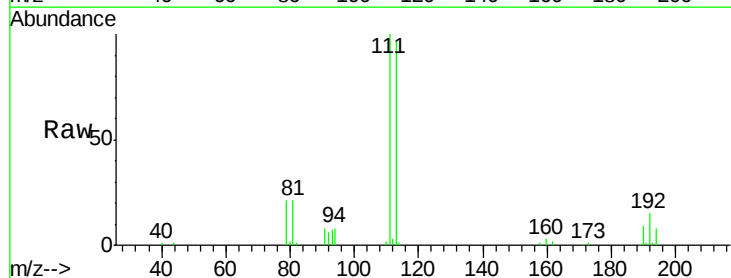


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

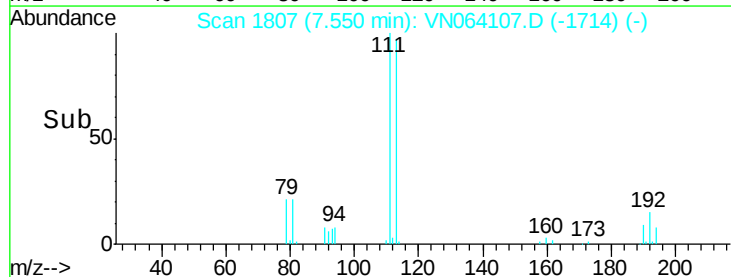
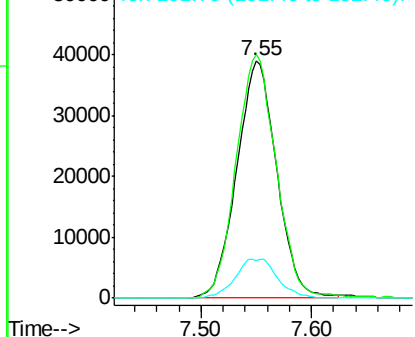


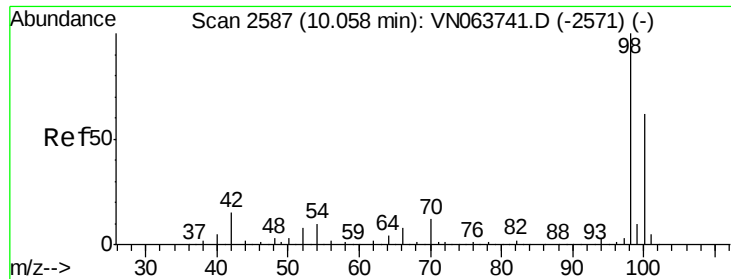
#35
Dibromofluoromethane
Concen: 34.116 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064107.D
Acq: 13 Oct 2020 17:34

Tgt Ion:113 Resp: 97624
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 17.6 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: 48.865 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064107.D

Acq: 13 Oct 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

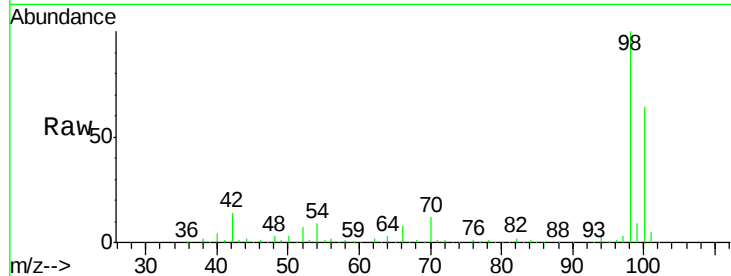
OH-WC-C-D4RE

Tot Ion: 98 Resp: 530073

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

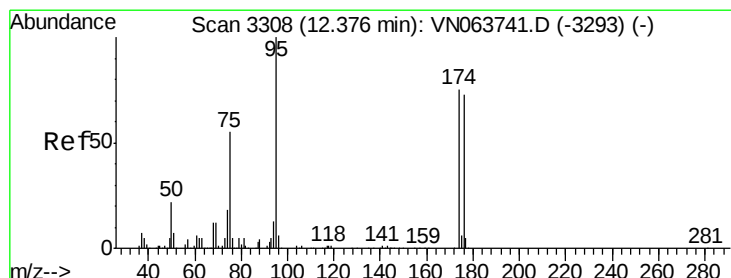
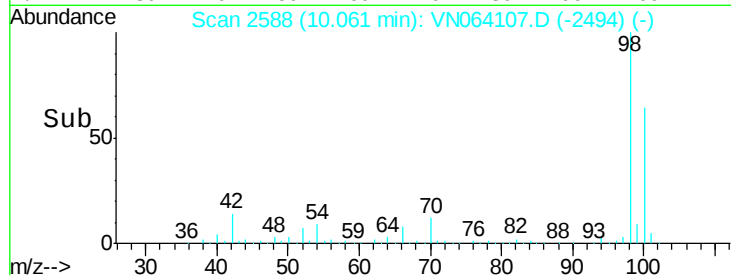
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.939 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064107.D

Acq: 13 Oct 2020 17:34

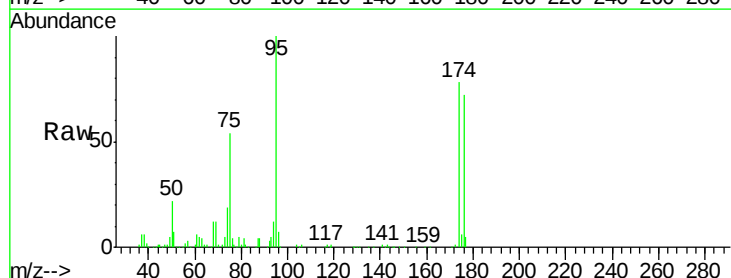
Tgt Ion: 95 Resp: 203637

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

176 71.9 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

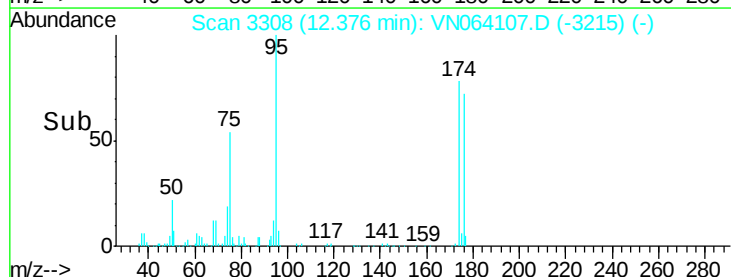
150000

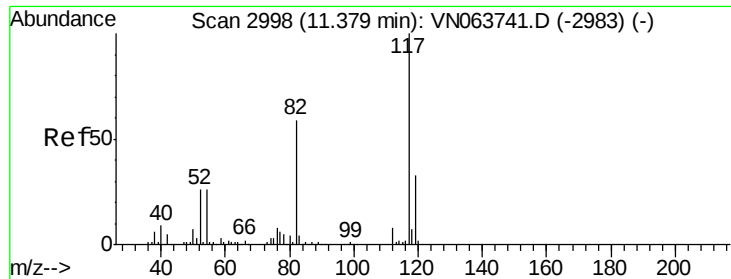
100000

50000

0

Time-->

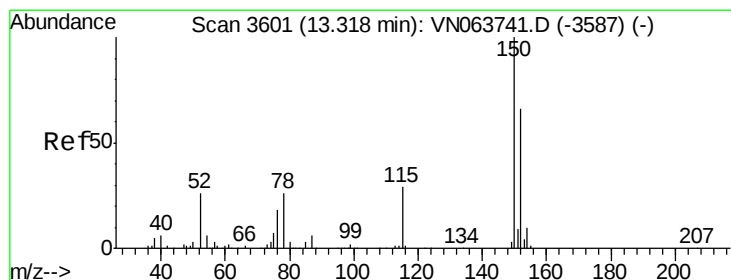
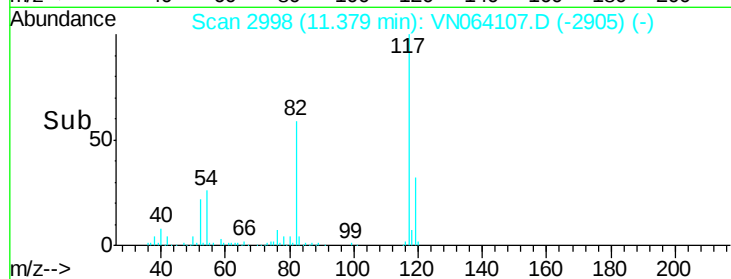
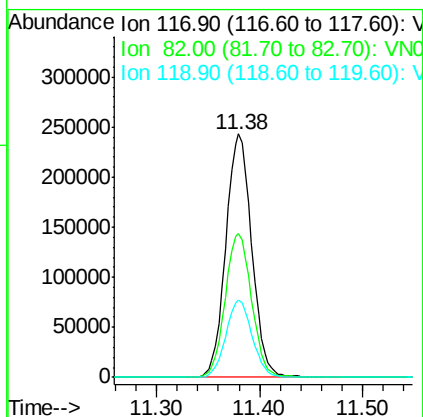
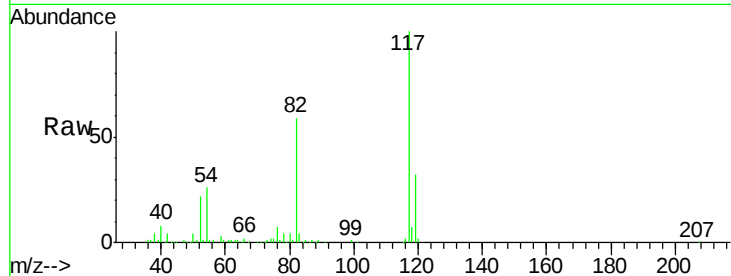




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064107.D
Acq: 13 Oct 2020 17:34

Instrument :
MSVOA_N
ClientSampleId :
OH-WC-C-D4RE

Tot Ion:117 Resp: 426969
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.9 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: VN064107.D
Acq: 13 Oct 2020 17:34

Tgt Ion:152 Resp: 165355
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 156.3 0.0 341.8

