

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062879.D
 Acq On : 13 Aug 2020 1:06
 Operator : JC/MD
 Sample : PB130908ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#09

Quant Time: Aug 13 07:15:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

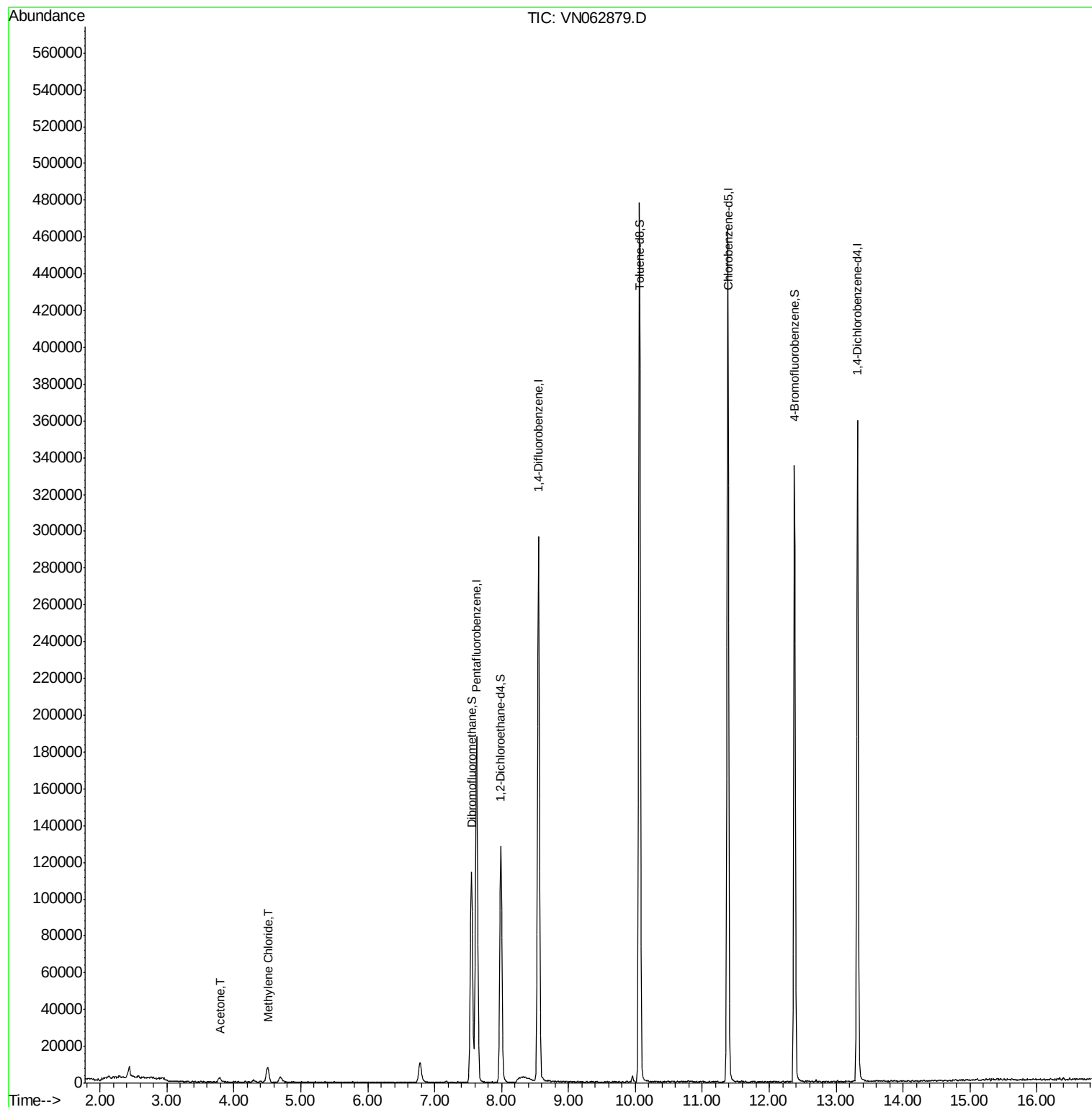
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	255606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	118105	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	7.55	113	86559	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.06	98	329092	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	118514	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	3.79	43	4561	5.292	ug/l	96
20) Methylene Chloride	4.51	84	6344	3.312	ug/l	94

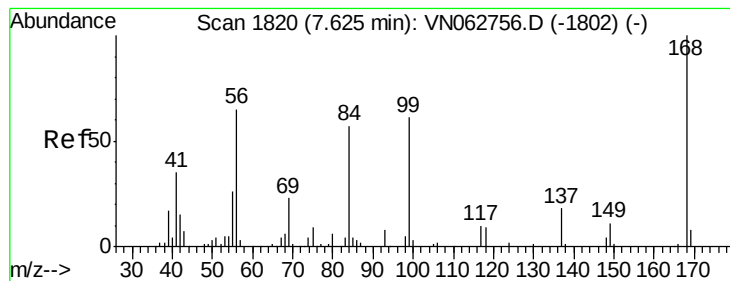
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062879.D

Acq: 13 Aug 2020 1:06

Instrument :

MSVOA_N

ClientSampleId :

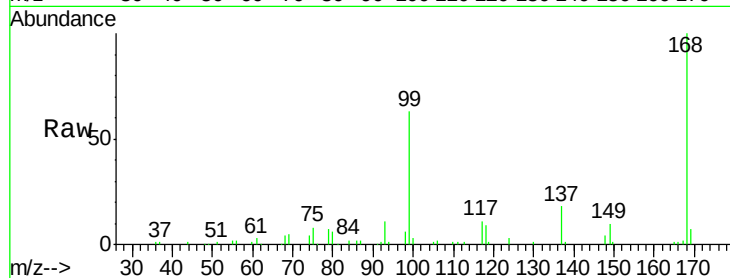
PB130908ZHE#09

Tot Ion:168 Resp: 144246

Ion Ratio Lower Upper

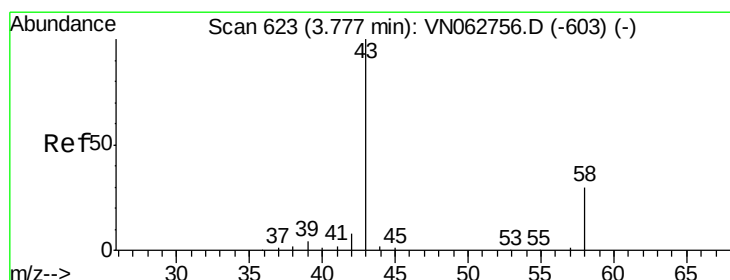
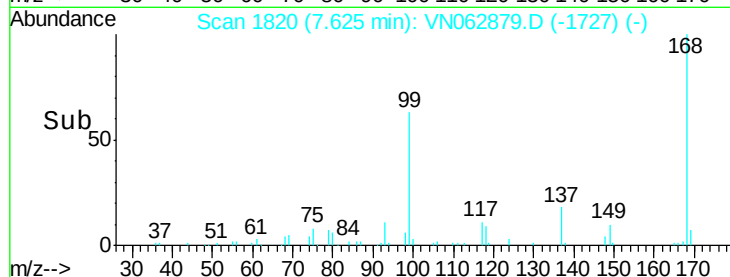
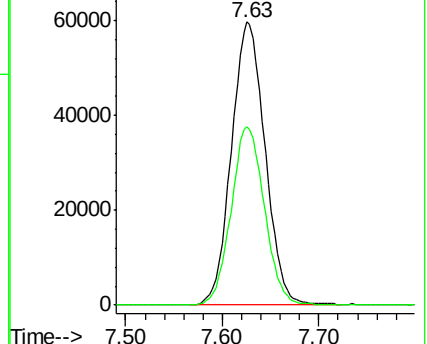
168 100

99 62.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.292 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062879.D

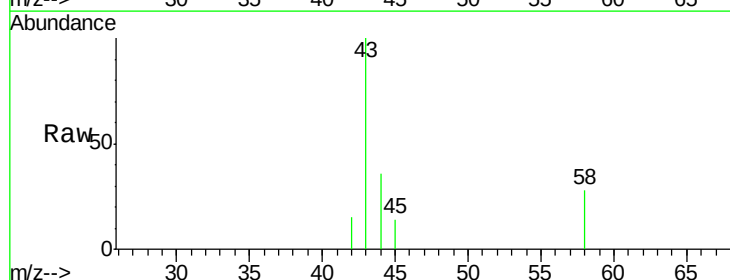
Acq: 13 Aug 2020 1:06

Tgt Ion: 43 Resp: 4561

Ion Ratio Lower Upper

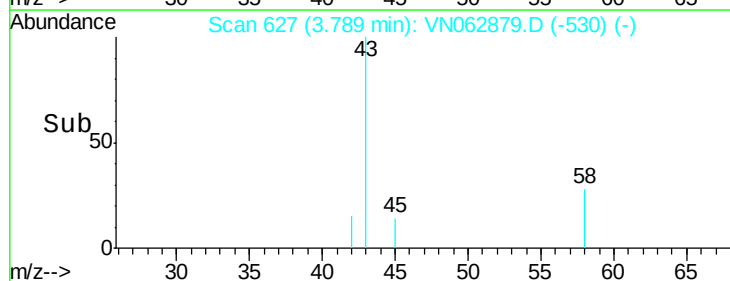
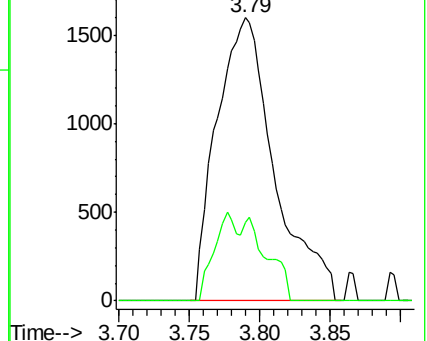
43 100

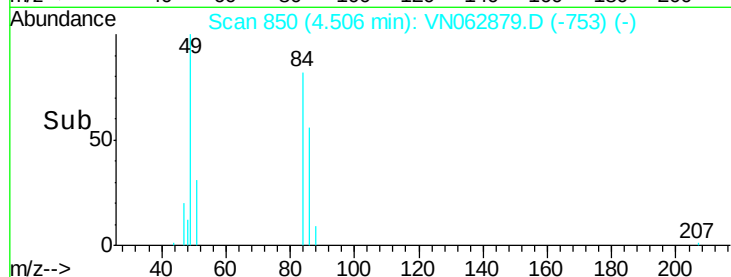
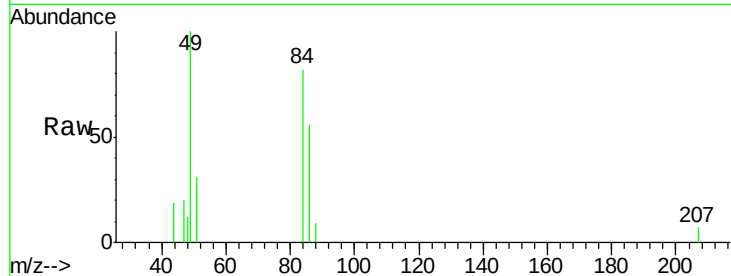
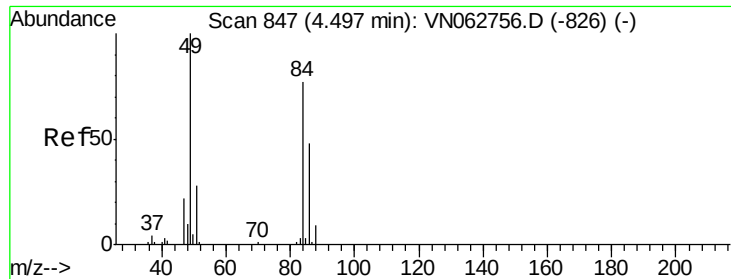
58 27.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

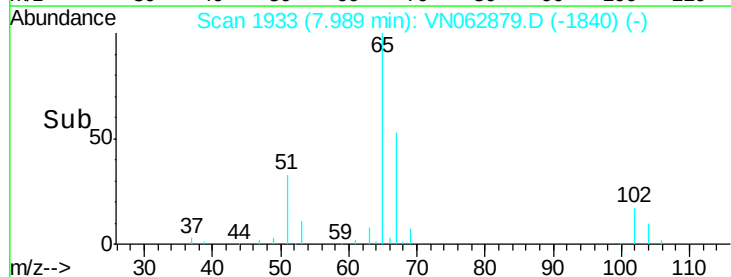
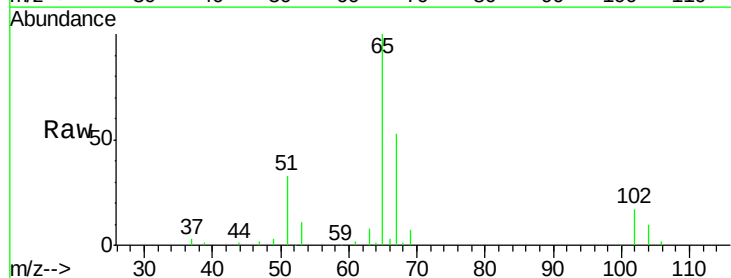
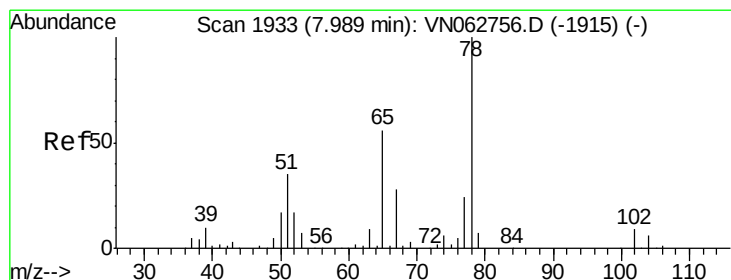
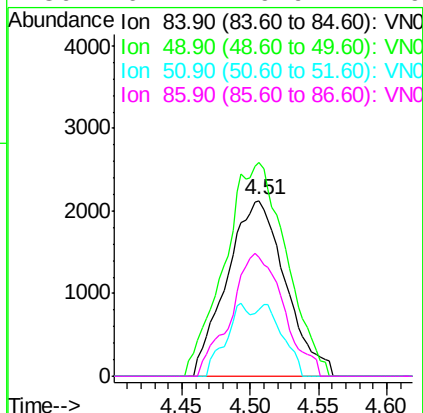




#20
Methylene Chloride
Concen: 3.312 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062879.D
Acq: 13 Aug 2020 1:06

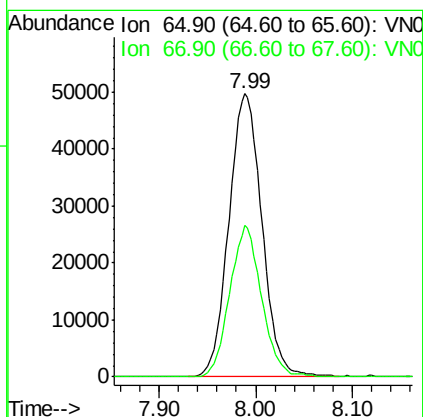
Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#09

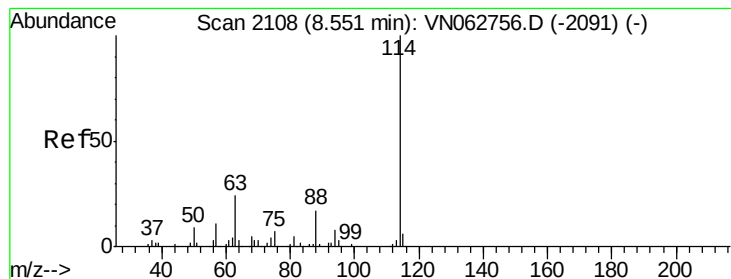
Tot Ion:	84	Resp:	6344
Ion	Ratio	Lower	Upper
84	100		
49	121.6	103.4	155.2
51	38.1	29.3	43.9
86	67.7	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 49.512 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062879.D
Acq: 13 Aug 2020 1:06

Tgt Ion:	65	Resp:	118105
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062879.D

Acq: 13 Aug 2020 1:06

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#09

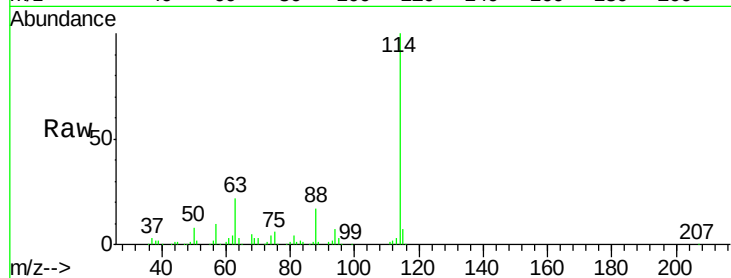
Tot Ion:114 Resp: 256126

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

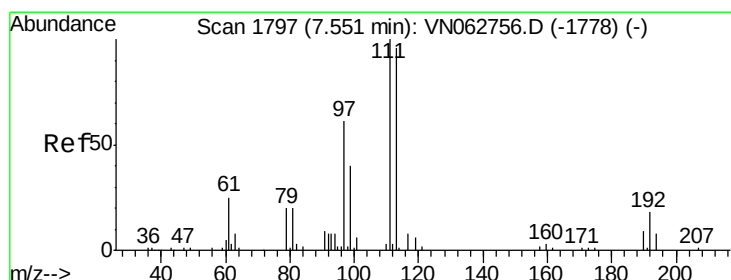
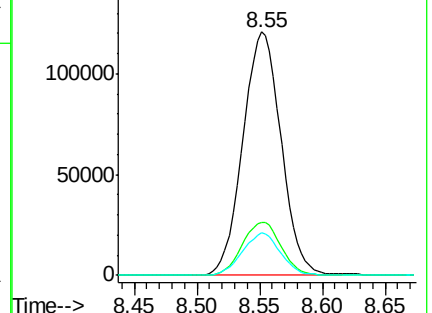
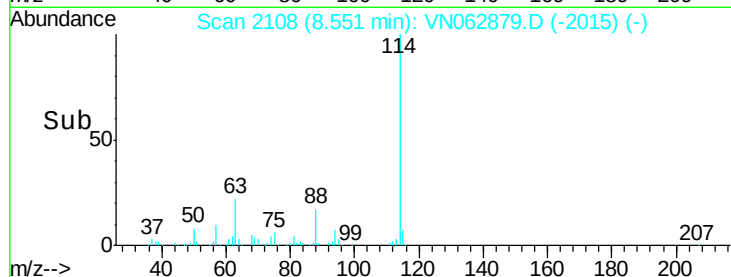
88 17.4 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.405 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062879.D

Acq: 13 Aug 2020 1:06

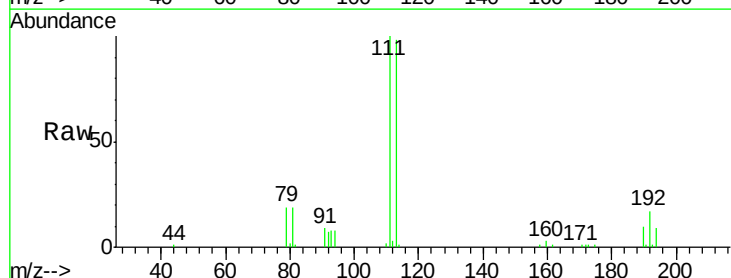
Tgt Ion:113 Resp: 86559

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.6

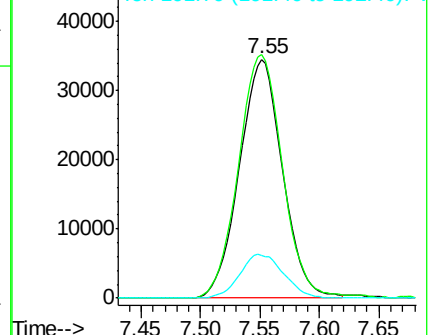
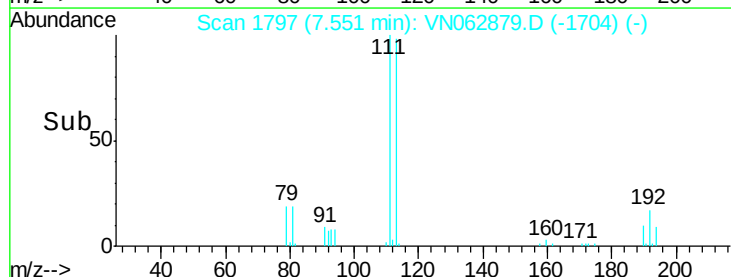
192 18.6 15.0 22.4

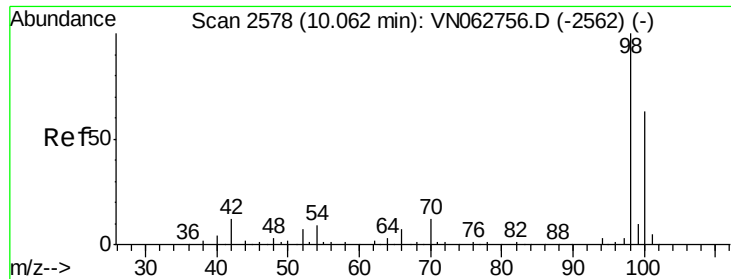


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

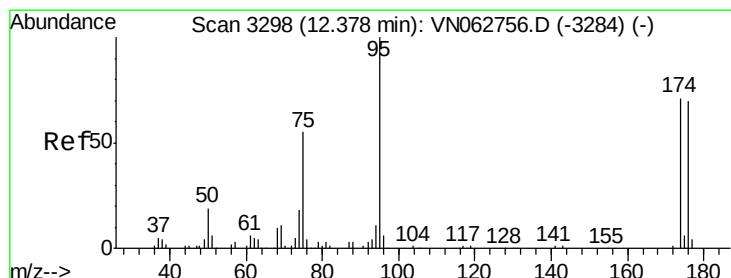
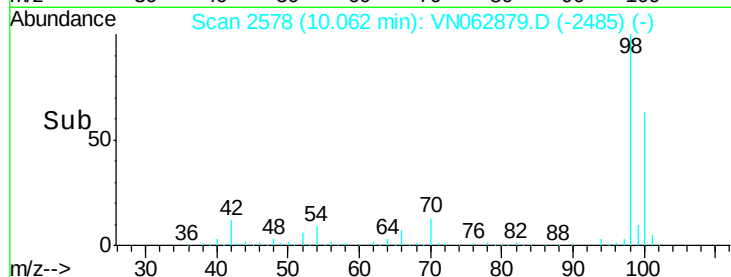
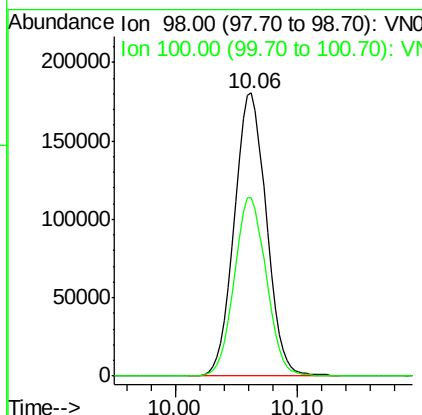
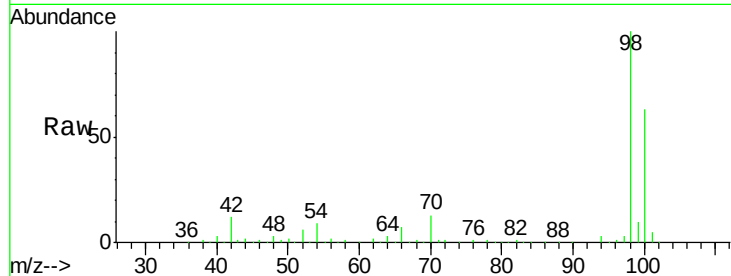




#50
Toluene-d8
Concen: 48.112 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062879.D
Acq: 13 Aug 2020 1:06

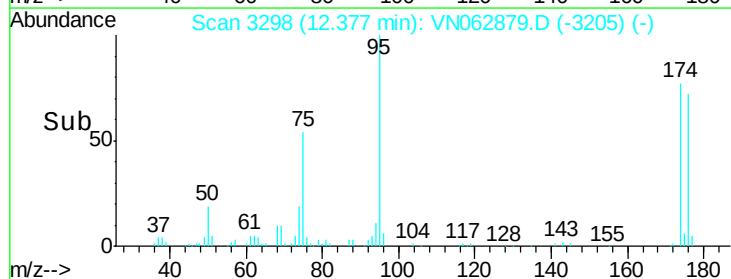
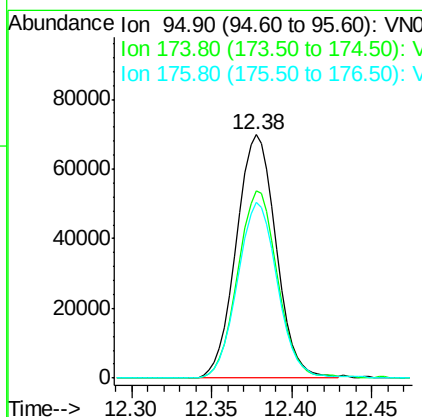
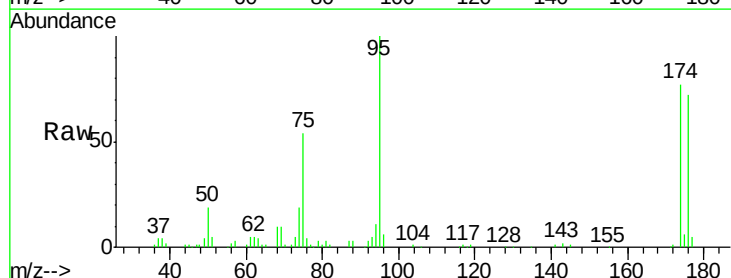
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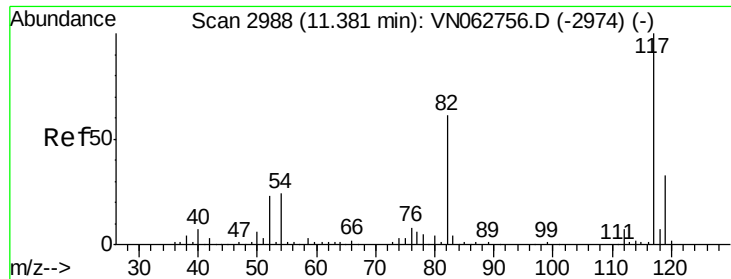
Tot Ion: 98 Resp: 329092
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.849 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062879.D
Acq: 13 Aug 2020 1:06

Tgt Ion: 95 Resp: 118514
Ion Ratio Lower Upper
95 100
174 77.3 0.0 144.8
176 72.4 0.0 142.2

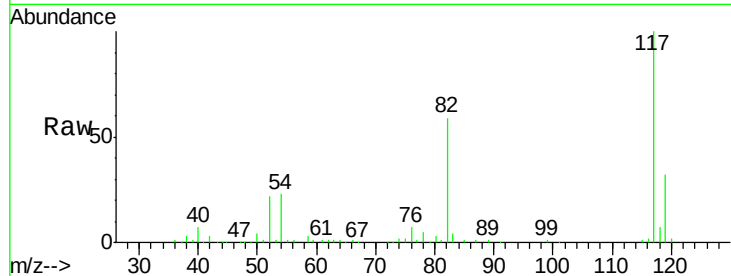




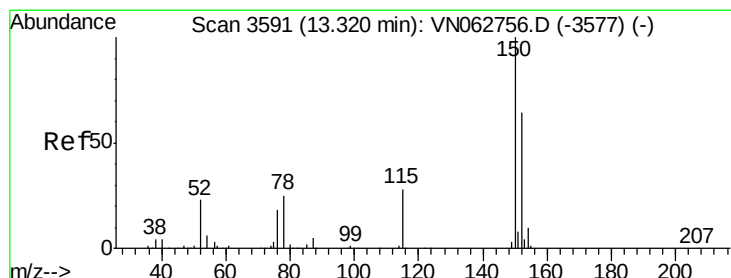
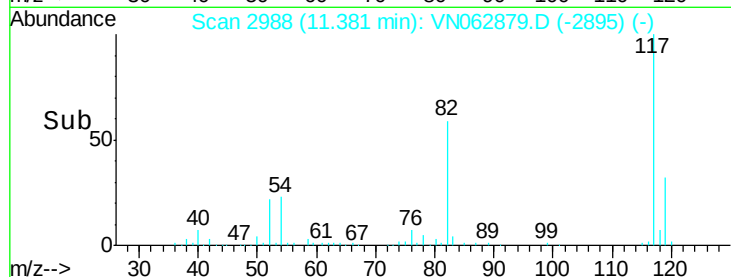
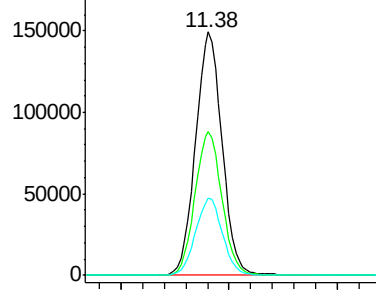
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062879.D
Acq: 13 Aug 2020 1:06

Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#09

Tot Ion:117 Resp: 255606
Ion Ratio Lower Upper
117 100
82 59.2 49.0 73.4
119 31.7 26.2 39.2

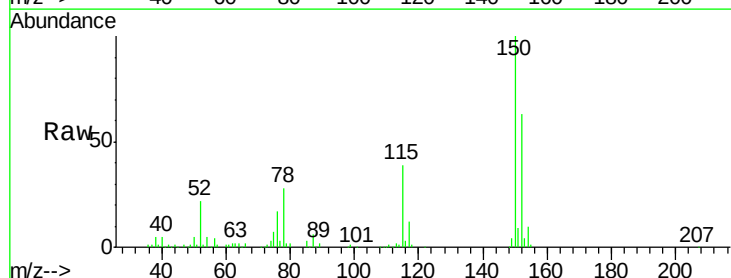


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062879.D
Acq: 13 Aug 2020 1:06

Tgt Ion:152 Resp: 94706
Ion Ratio Lower Upper
152 100
115 63.6 31.6 94.8
150 160.4 0.0 349.2



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

