

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062983.D
 Acq On : 17 Aug 2020 21:08
 Operator : JC/MD
 Sample : PB130989TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130989TB

Quant Time: Aug 18 07:26:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

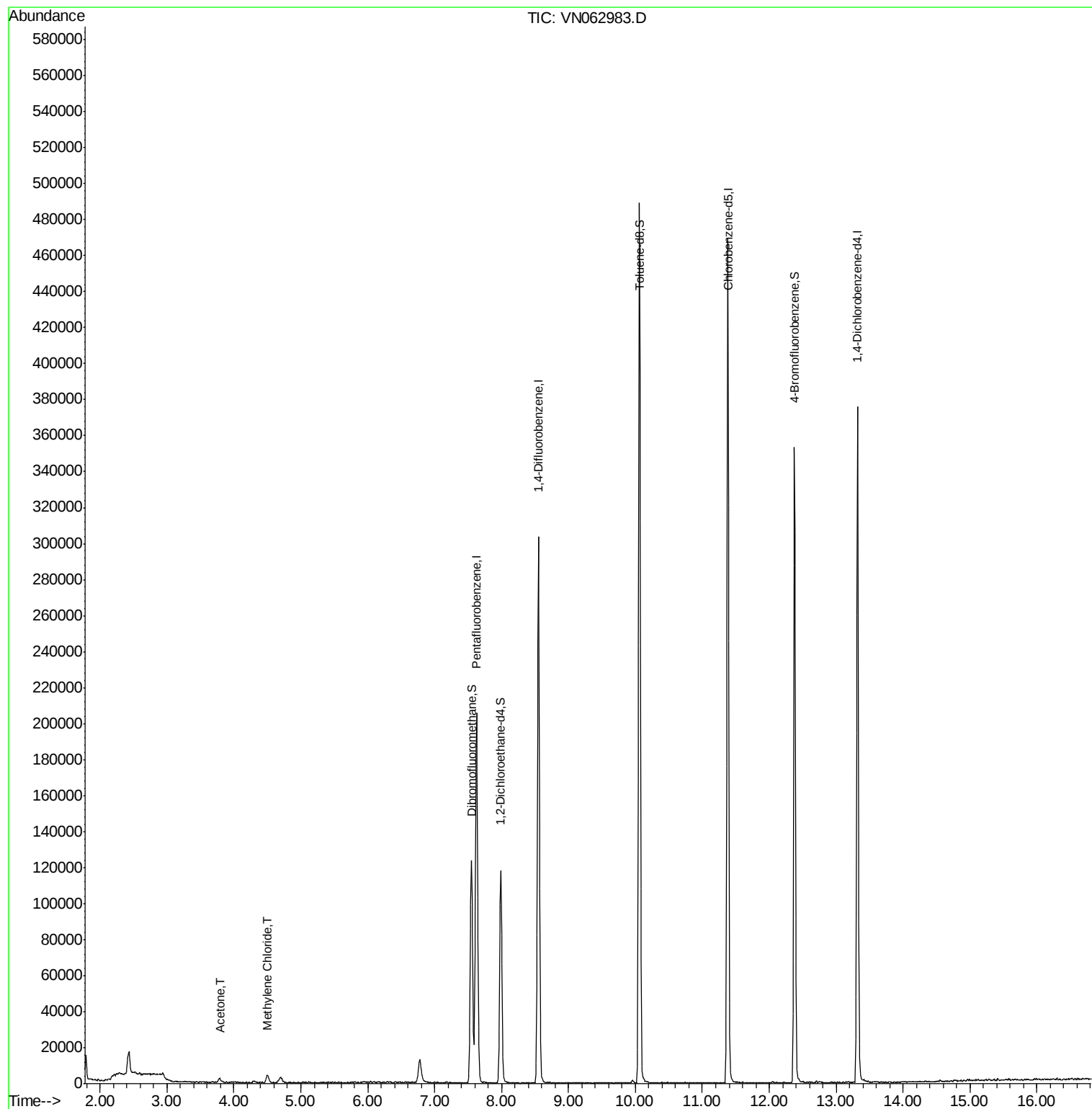
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102098	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.55	113	97708	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
50) Toluene-d8	10.06	98	359253	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	123785	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds						
16) Acetone	3.78	43	3875	5.088	ug/l	91
20) Methylene Chloride	4.50	84	3373	2.422	ug/l #	95

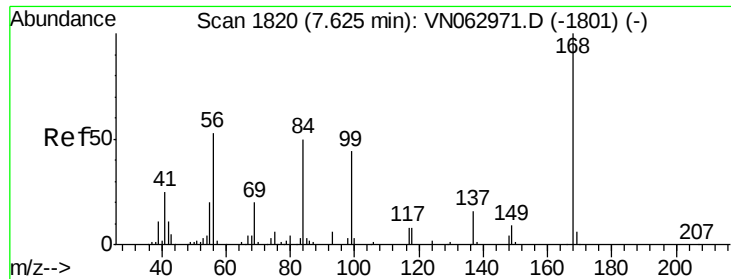
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062983.D

Acq: 17 Aug 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

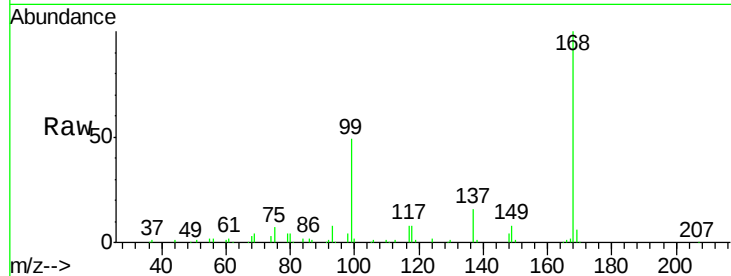
PB130989TB

Tot Ion:168 Resp: 185665

Ion Ratio Lower Upper

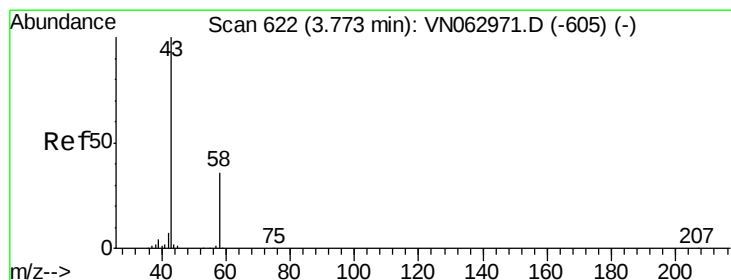
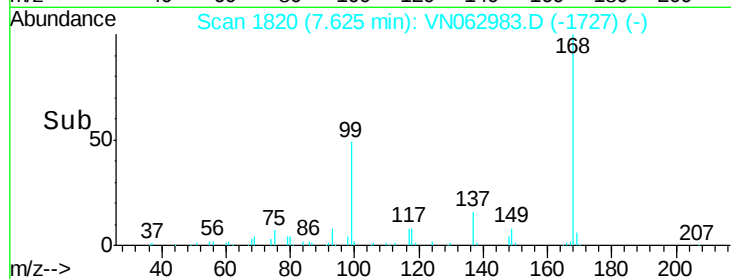
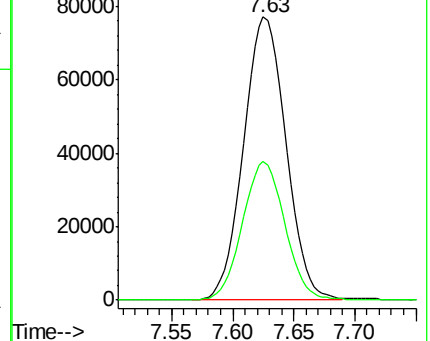
168 100

99 49.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.088 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062983.D

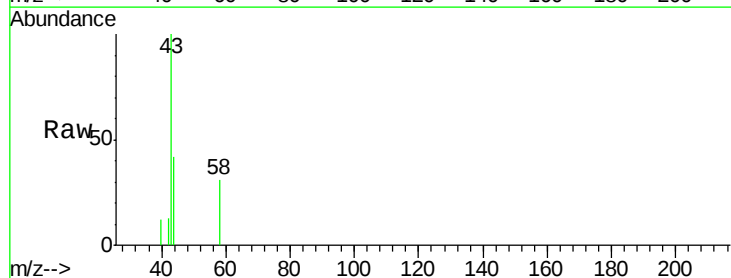
Acq: 17 Aug 2020 21:08

Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

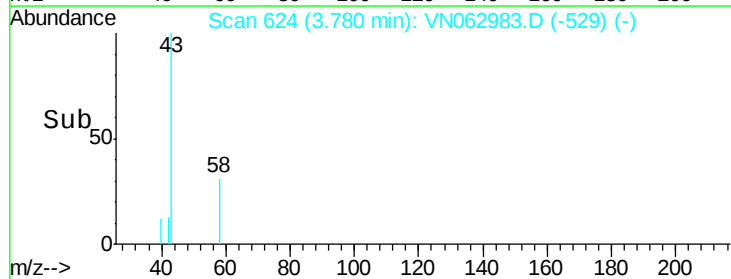
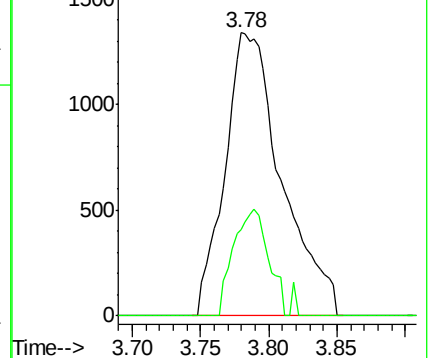
43 100

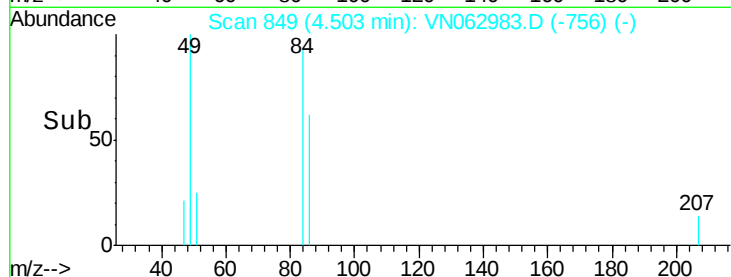
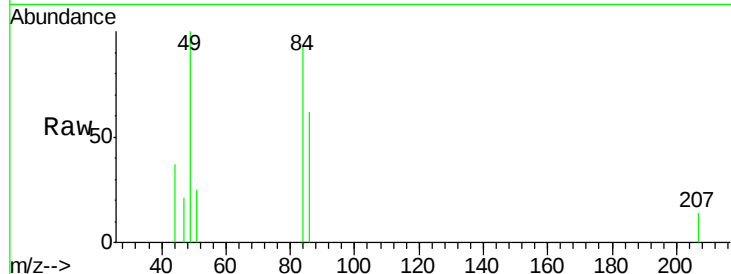
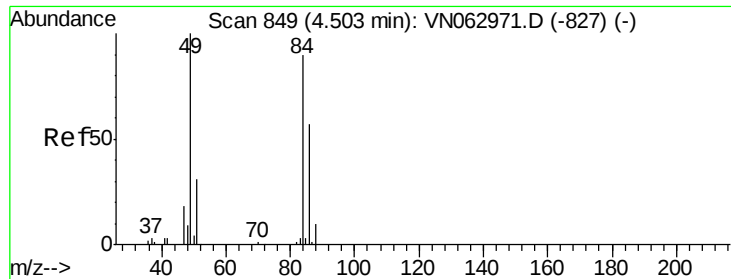
58 30.7 28.7 43.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

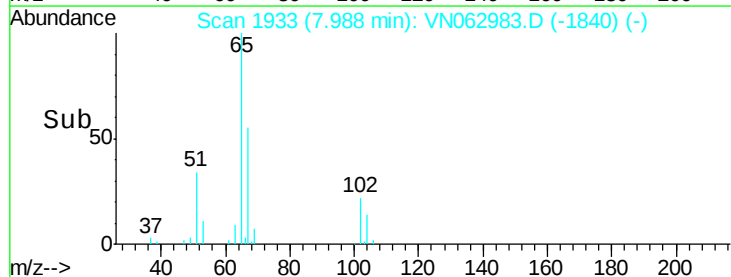
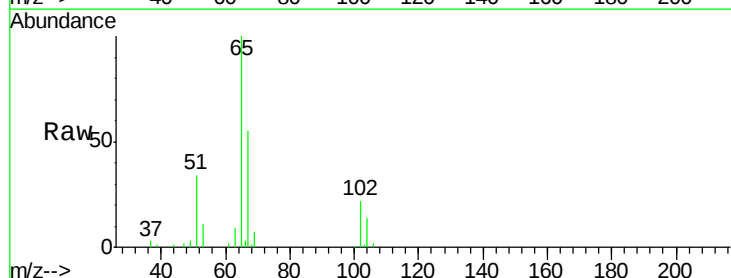
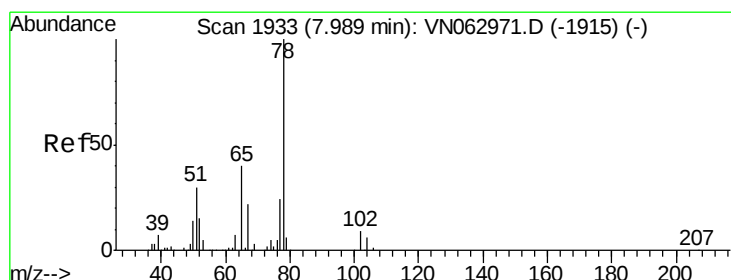
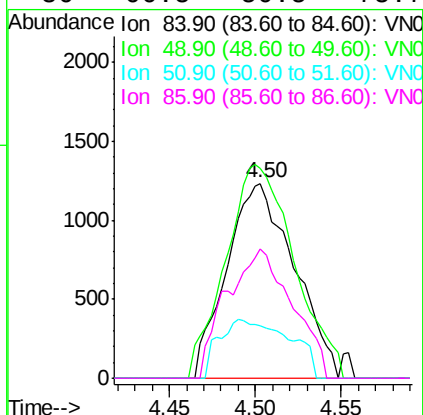




#20
Methvlene Chloride
Concen: 2.422 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062983.D
Acq: 17 Aug 2020 21:08

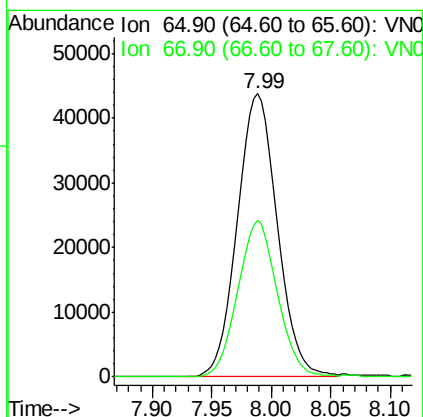
Instrument :
MSVOA_N
ClientSampleId :
PB130989TB

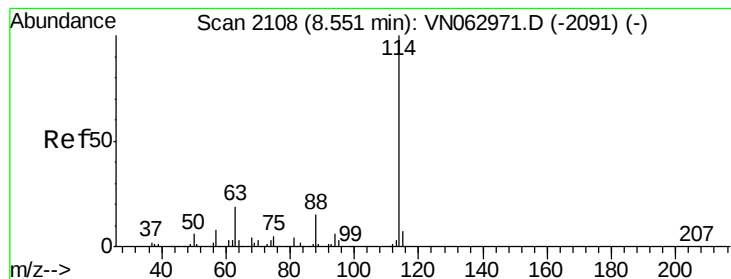
Tot Ion: 84 Resp: 3373
Ion Ratio Lower Upper
84 100
49 107.7 88.8 133.2
51 27.1 27.1 40.7#
86 66.5 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 51.910 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062983.D
Acq: 17 Aug 2020 21:08

Tgt Ion: 65 Resp: 102098
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062983.D

Acq: 17 Aug 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

PB130989TB

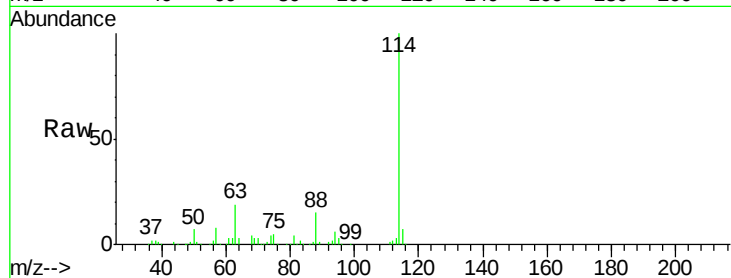
Tot Ion:114 Resp: 286349

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

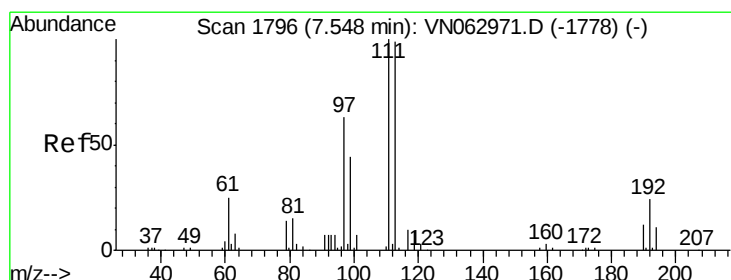
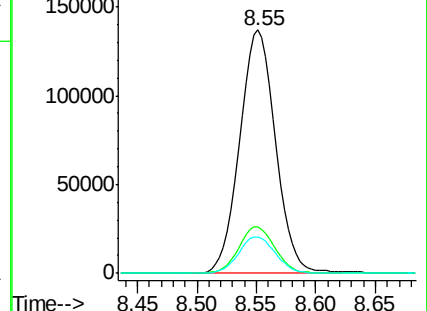
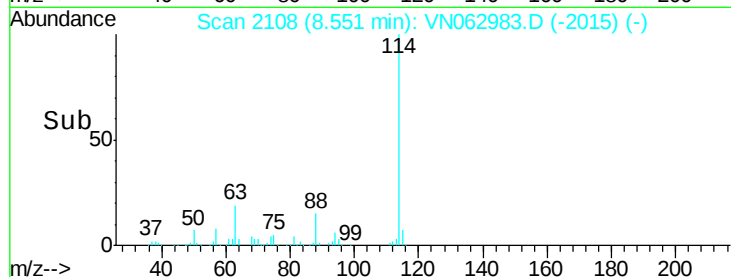
88 15.1 0.0 31.0



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: 52.387 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062983.D

Acq: 17 Aug 2020 21:08

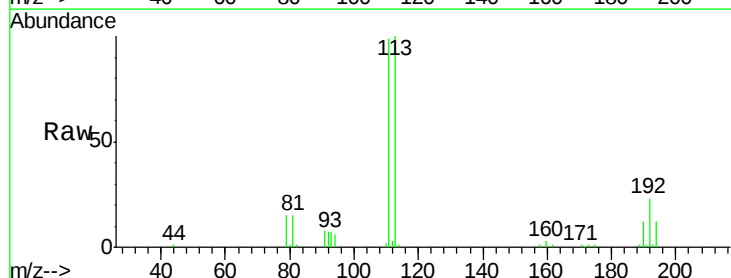
Tgt Ion:113 Resp: 97708

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

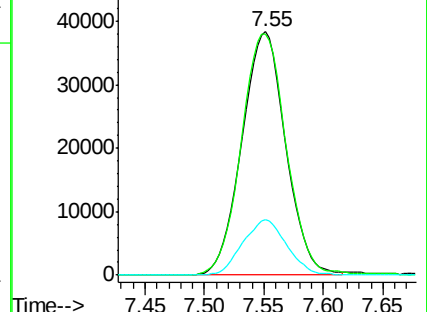
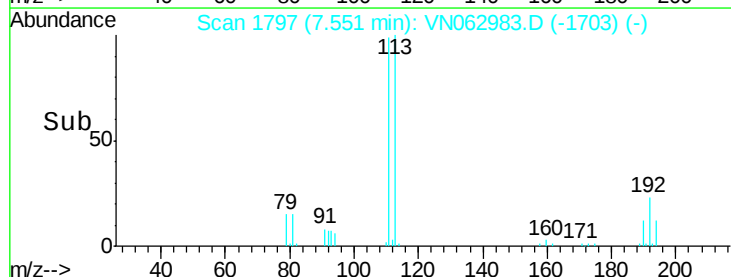
192 22.8 19.2 28.8

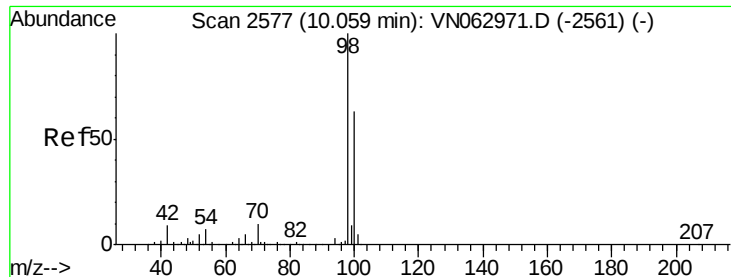


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.632 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062983.D

Acq: 17 Aug 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

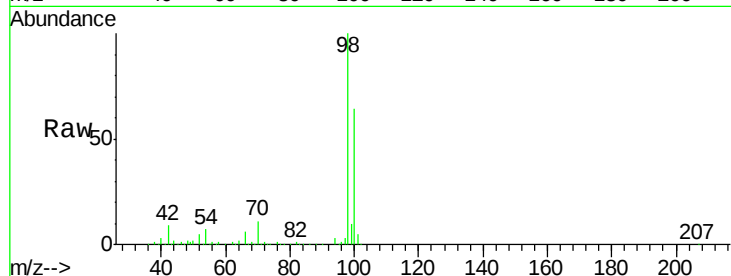
PB130989TB

Tot Ion: 98 Resp: 359253

Ion Ratio Lower Upper

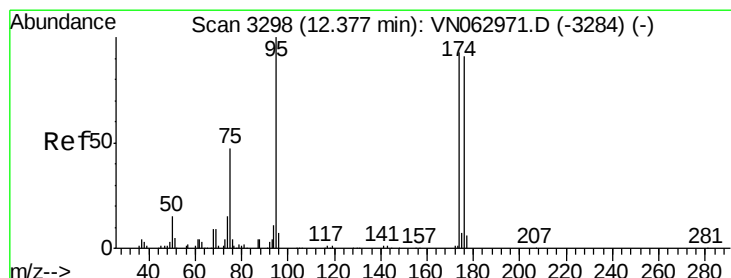
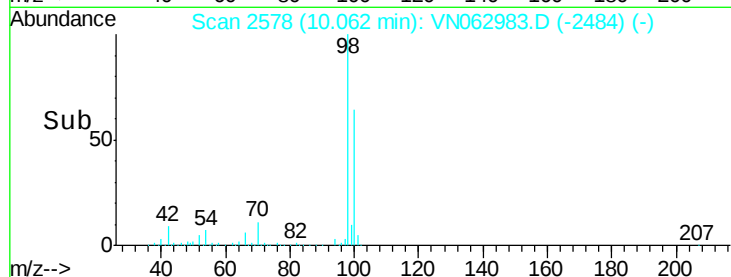
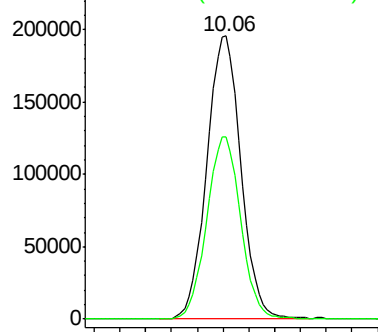
98 100

100 64.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.592 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062983.D

Acq: 17 Aug 2020 21:08

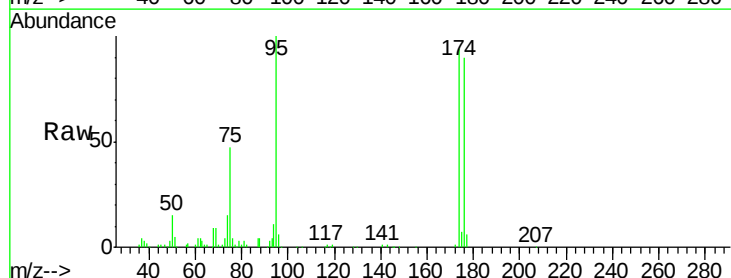
Tgt Ion: 95 Resp: 123785

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.2

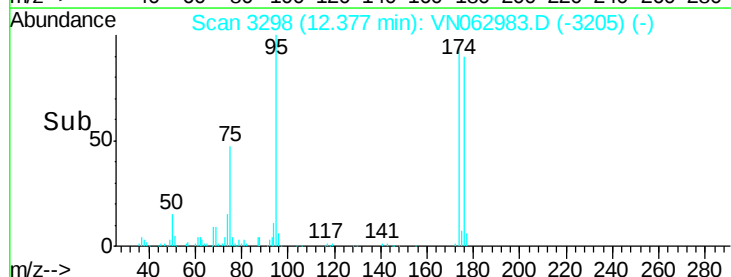
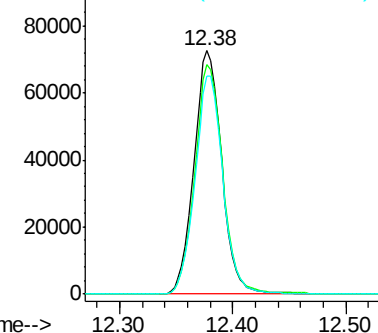
176 89.9 0.0 178.8

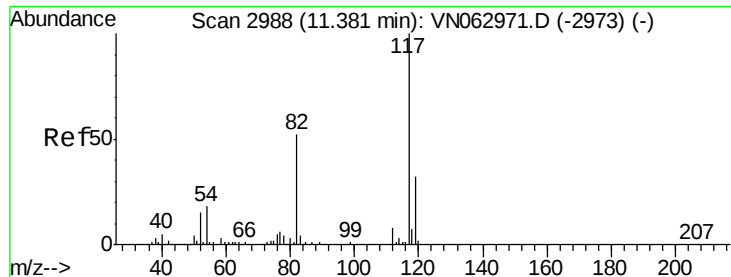


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

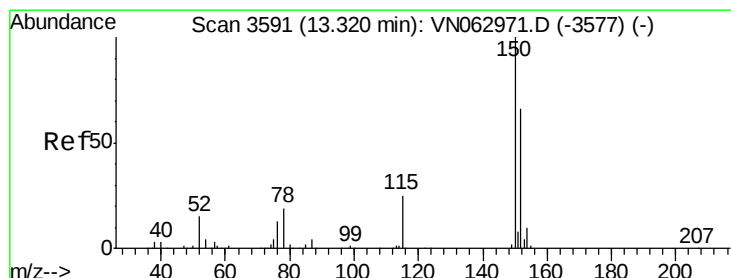
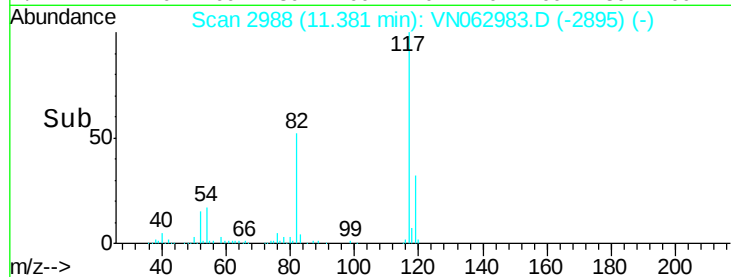
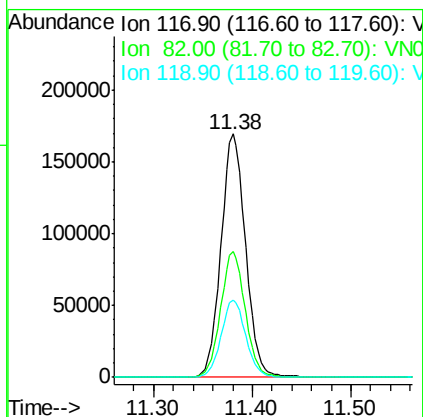
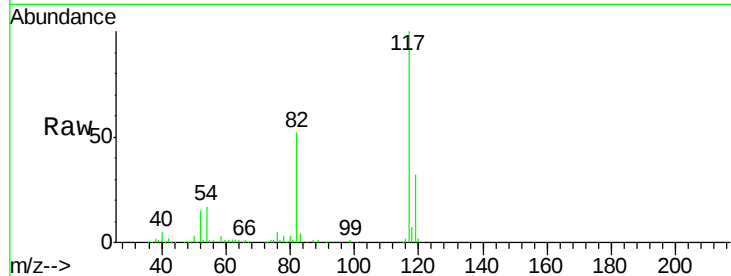




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062983.D
Acq: 17 Aug 2020 21:08

Instrument :
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ClientSampleId :
PB130989TB

Tot Ion:117 Resp: 295712
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062983.D
Acq: 17 Aug 2020 21:08

Tgt Ion:152 Resp: 114298
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 158.5 0.0 341.4

