

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065188.D
 Acq On : 21 Dec 2020 18:17
 Operator : JC/MD
 Sample : L5174-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Dec 22 05:39:10 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120w.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

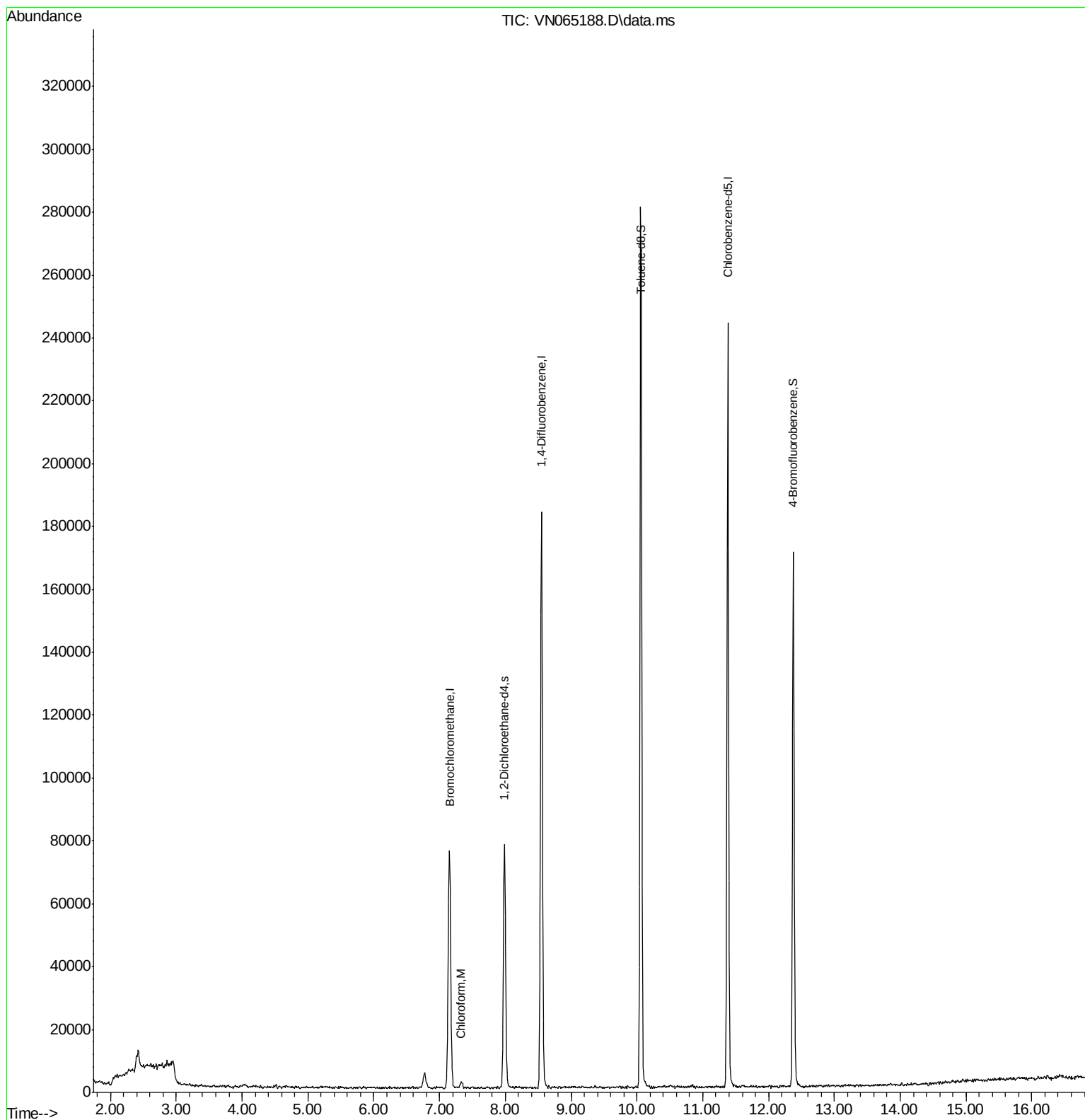
Internal Standards						
1) Bromochloromethane	7.151	128	30773	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	170445	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	143532	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	68289	30.58	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.93%
60) 4-Bromofluorobenzene	12.376	95	60002	26.28	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.60%
63) Toluene-d8	10.061	98	196043	30.79	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.63%
Target Compounds						
25) Chloroform	7.325	83	2064	0.61	ug/l	Qvalue 98

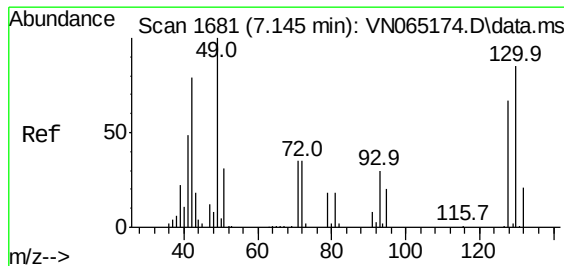
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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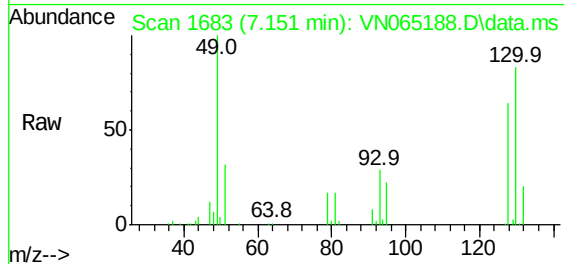
Quant Time: Dec 22 05:39:10 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
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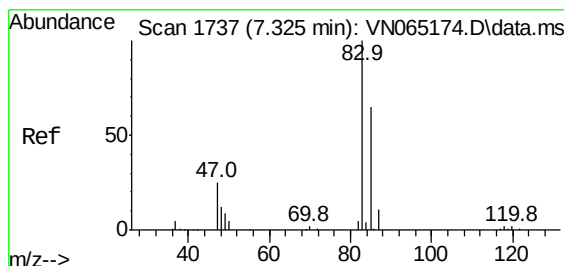
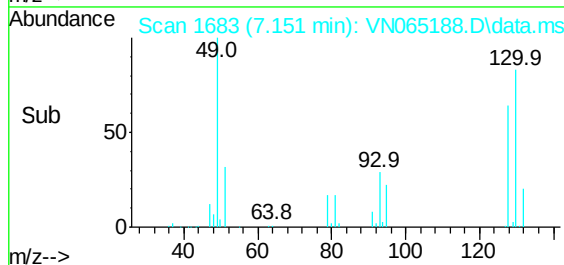
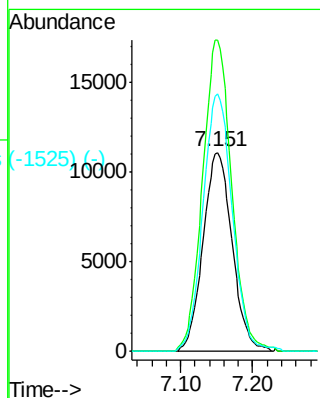


#164 (-)
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN065188.D
Acq: 21 Dec 2020 18:17

Instrument :
MSVOA_N
ClientSampled :
14B-3

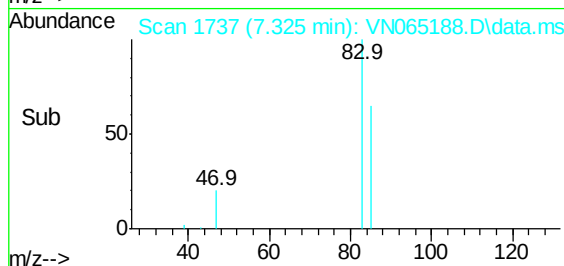
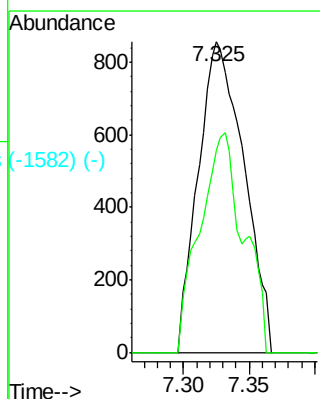
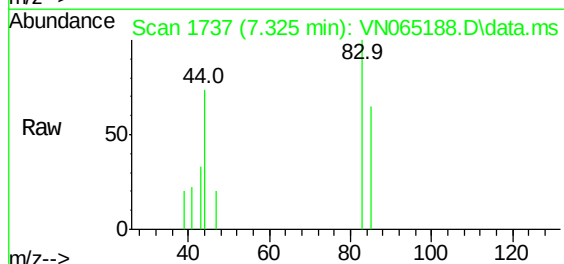


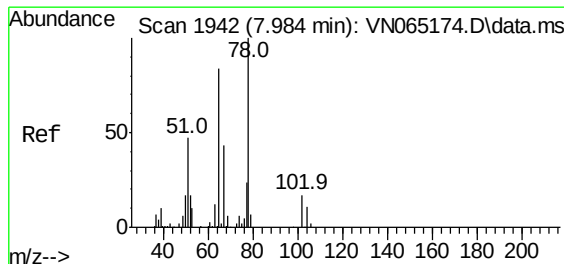
Tgt Ion:128 Resp: 30773
Ion Ratio Lower Upper
128 100
49 156.4 0.0 475.5
130 130.6 0.0 315.3



#175 (-)
Chloroform
Concen: 0.61 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VN065188.D
Acq: 21 Dec 2020 18:17

Tgt Ion: 83 Resp: 2064
Ion Ratio Lower Upper
83 100
85 65.1 50.6 75.8

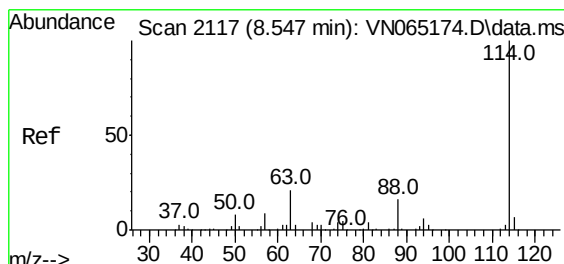
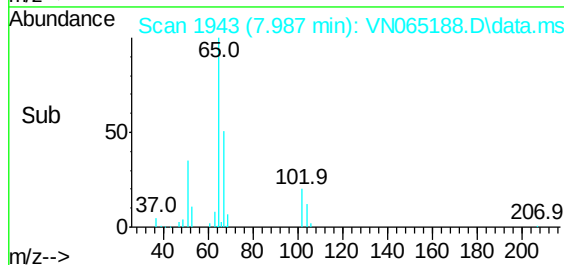
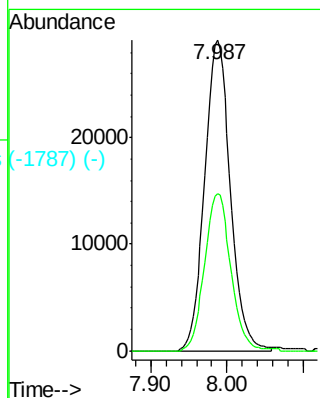
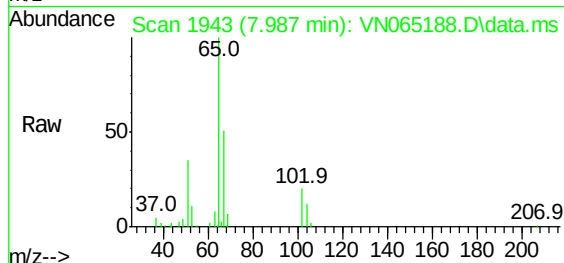




(-1776) (-)
 1,2-Dichloroethane-d4
 Concen: 30.58 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. 0.003 min
 Lab File: VN065188.D
 Acq: 21 Dec 2020 18:17

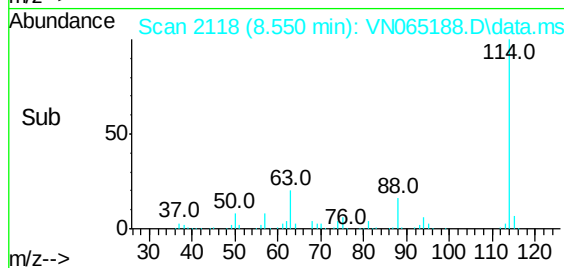
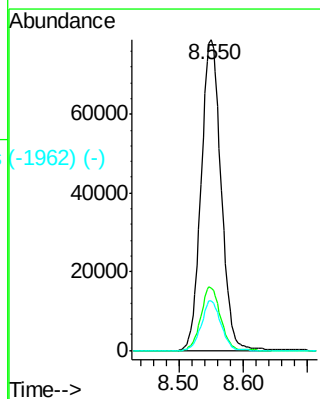
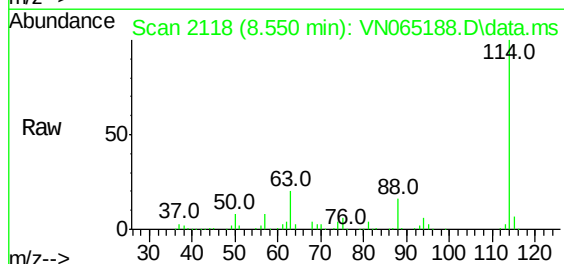
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

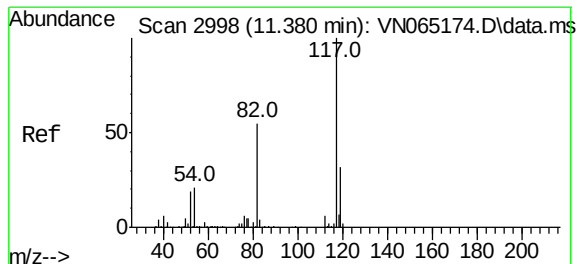
Tgt Ion: 65 Resp: 68289
 Ion Ratio Lower Upper
 65 100
 67 51.4 41.1 61.7



(-1726) (-)
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.003 min
 Lab File: VN065188.D
 Acq: 21 Dec 2020 18:17

Tgt Ion: 114 Resp: 170445
 Ion Ratio Lower Upper
 114 100
 63 20.0 18.5 27.7
 88 15.5 13.0 19.6

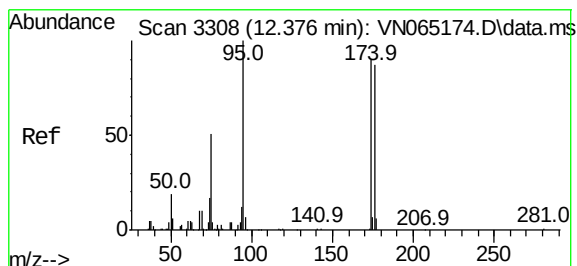
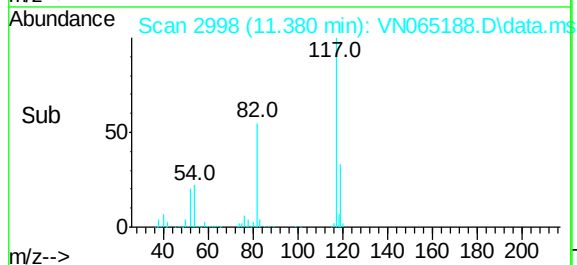
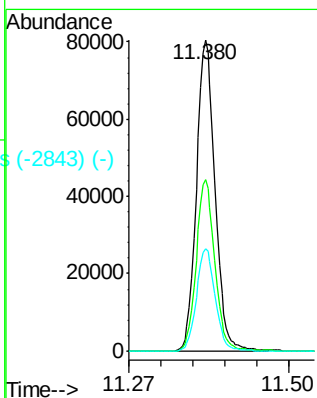
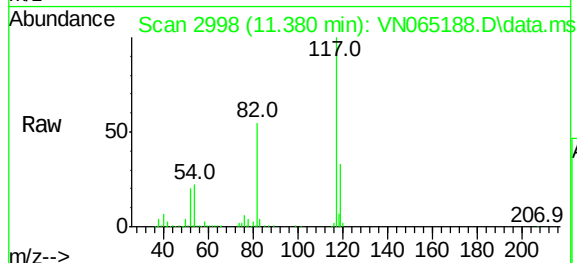




#5984 (-)
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065188.D
Acq: 21 Dec 2020 18:17

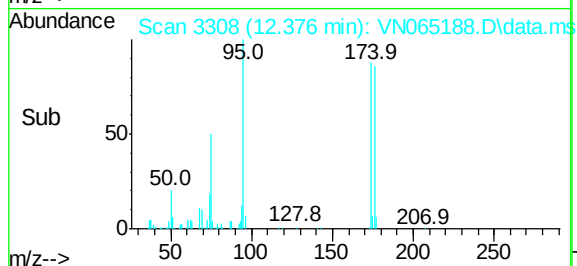
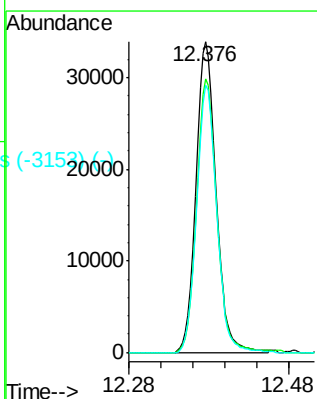
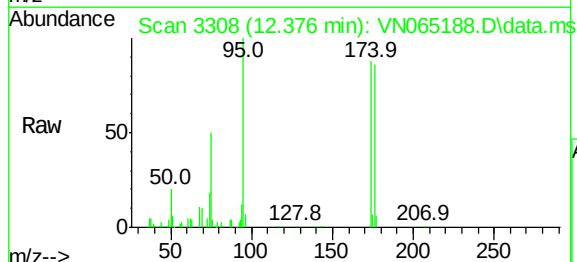
Instrument :
MSVOA_N
ClientSampled :
14B-3

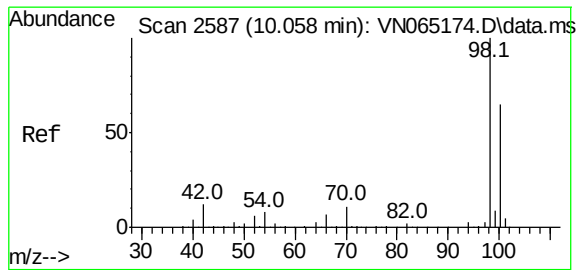
Tgt Ion:117 Resp: 143532
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.8
119 33.1 25.7 38.5



#6095 (-)
4-Bromofluorobenzene
Concen: 26.28 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065188.D
Acq: 21 Dec 2020 18:17

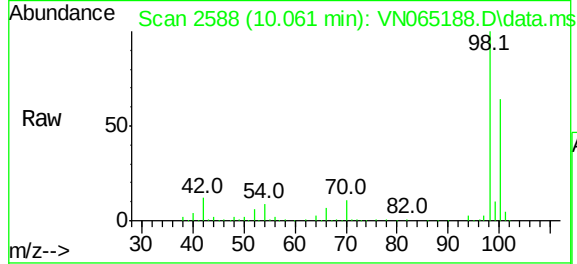
Tgt Ion: 95 Resp: 60002
Ion Ratio Lower Upper
95 100
174 88.1 56.4 84.6#
176 85.8 53.3 79.9#





#6972 (-)
 Toluene-d8
 Concen: 30.79 ug/l
 RT: 10.061 min Scan# 2588
 Delta R.T. 0.003 min
 Lab File: VN065188.D
 Acq: 21 Dec 2020 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3



Tgt Ion: 98 Resp: 196043
 Ion Ratio Lower Upper
 98 100
 100 65.0 49.4 74.2

