

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065187.D
 Acq On : 21 Dec 2020 17:53
 Operator : JC/MD
 Sample : L5174-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Dec 22 05:38:54 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)

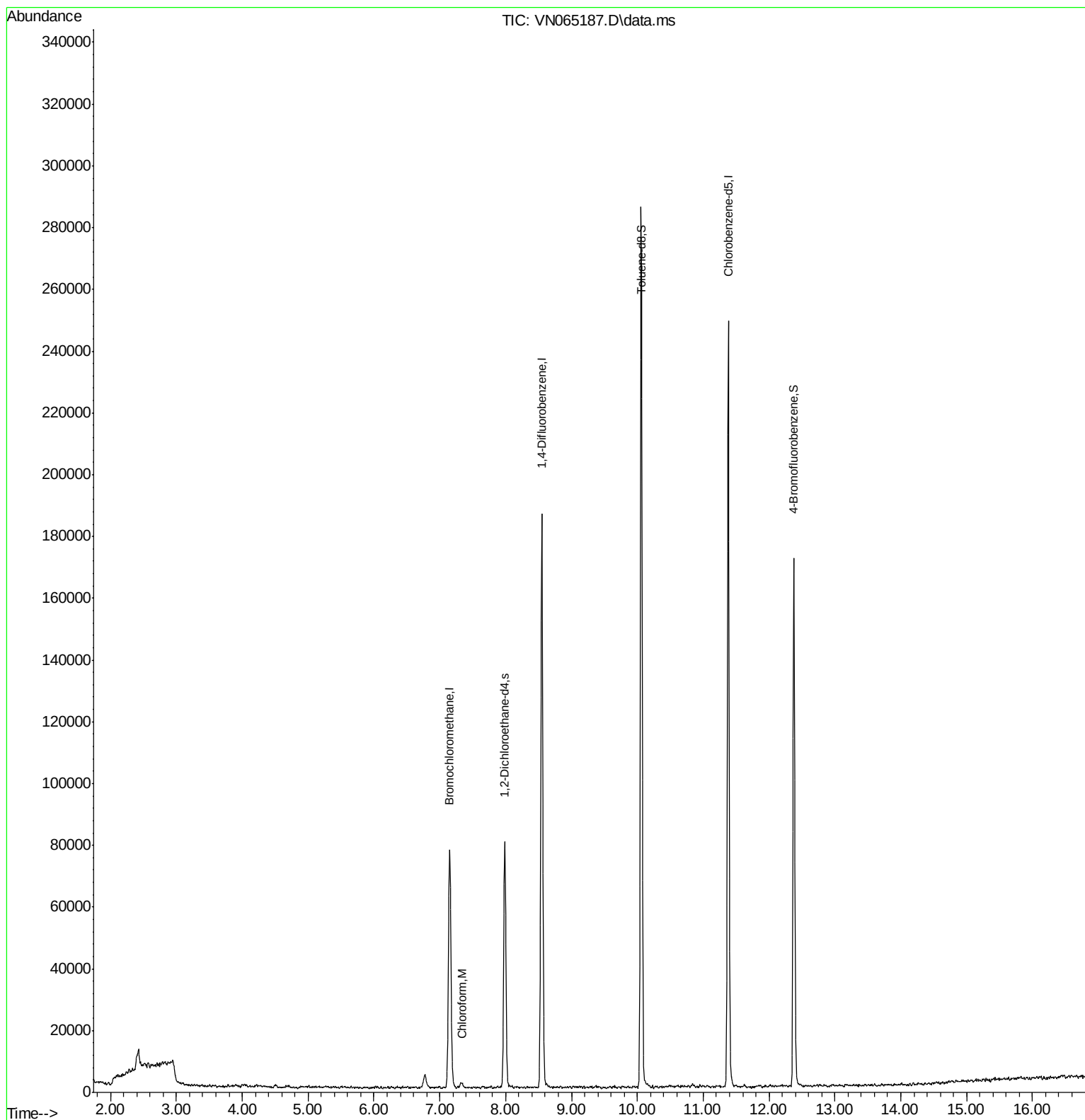
Internal Standards						
1) Bromochloromethane	7.148	128	31717	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	174366	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	146522	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	70314	30.55	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.83%
60) 4-Bromofluorobenzene	12.376	95	61091	26.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.37%
63) Toluene-d8	10.058	98	202221	31.12	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.73%
Target Compounds						
25) Chloroform	7.332	83	2264	0.65	ug/l	Qvalue 94

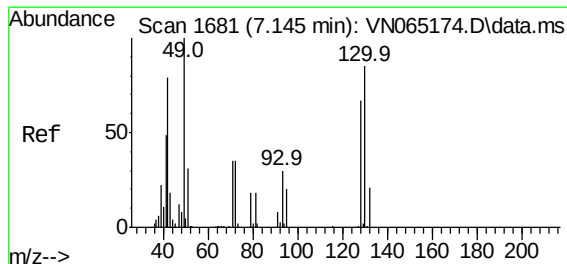
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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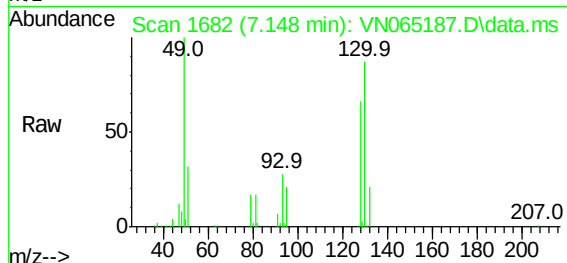
Quant Time: Dec 22 05:38:54 2020
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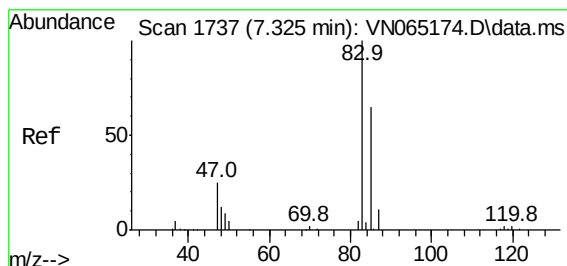
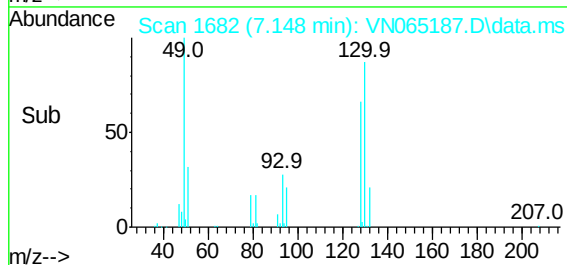
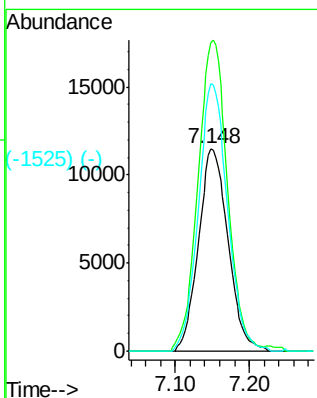


#164 (-)
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN065187.D
Acq: 21 Dec 2020 17:53

Instrument :
MSVOA_N
ClientSampleId :
14B-2

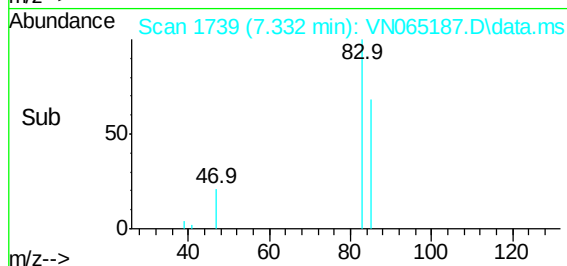
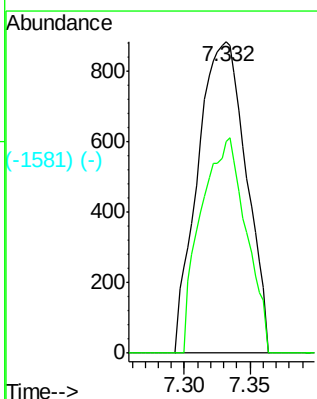
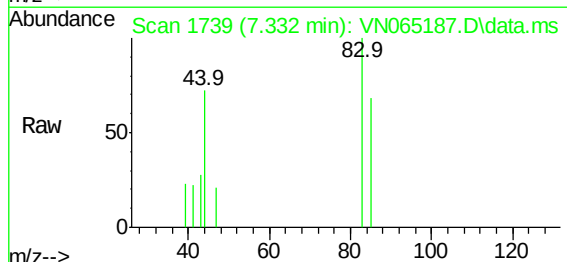


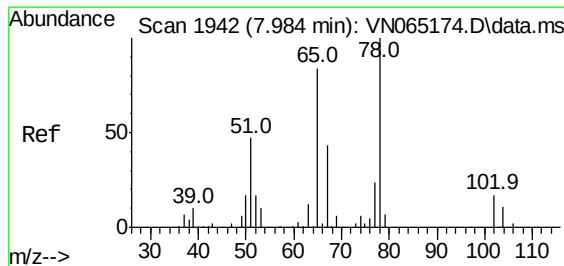
Tgt Ion:128 Resp: 31717
Ion Ratio Lower Upper
128 100
49 153.4 0.0 475.5
130 130.8 0.0 315.3



#175 (-)
Chloroform
Concen: 0.65 ug/l
RT: 7.332 min Scan# 1739
Delta R.T. 0.006 min
Lab File: VN065187.D
Acq: 21 Dec 2020 17:53

Tgt Ion: 83 Resp: 2264
Ion Ratio Lower Upper
83 100
85 67.8 50.6 75.8

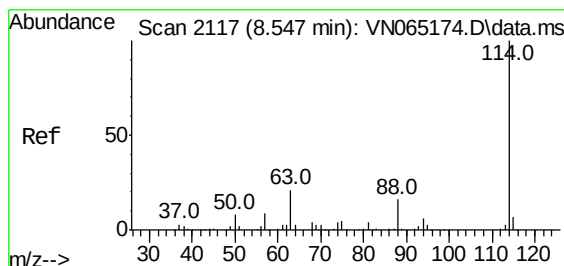
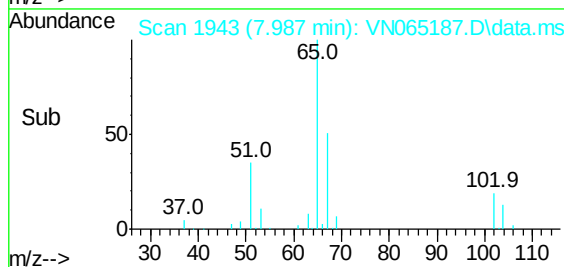
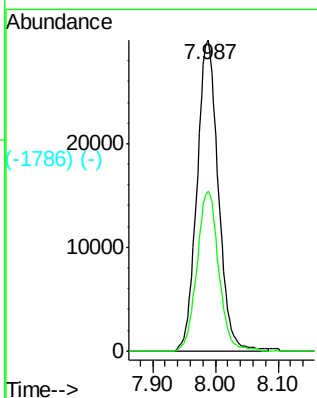
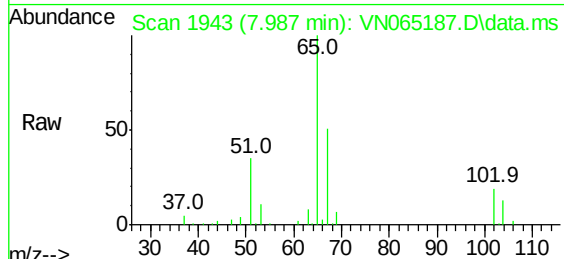




(-1776) (-)
 1,2-Dichloroethane-d4
 Concen: 30.55 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. 0.003 min
 Lab File: VN065187.D
 Acq: 21 Dec 2020 17:53

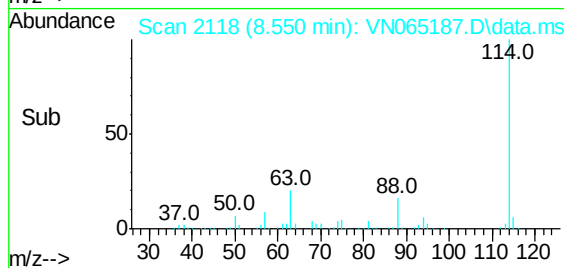
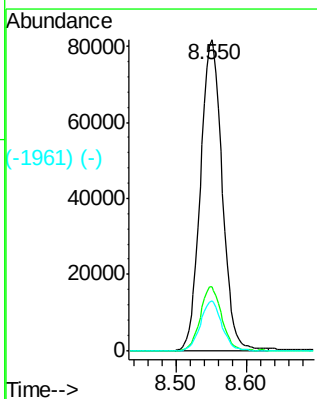
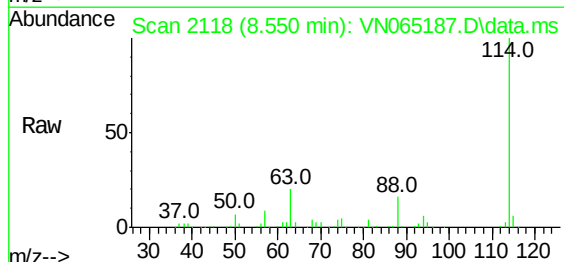
Instrument :
 MSVOA_N
 ClientSampled :
 14B-2

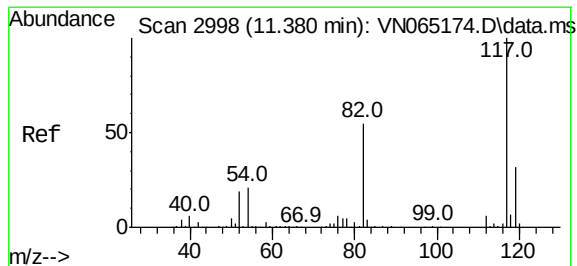
Tgt Ion: 65 Resp: 70314
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.1 61.7



(-1782) (-)
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.003 min
 Lab File: VN065187.D
 Acq: 21 Dec 2020 17:53

Tgt Ion: 114 Resp: 174366
 Ion Ratio Lower Upper
 114 100
 63 20.0 18.5 27.7
 88 15.4 13.0 19.6

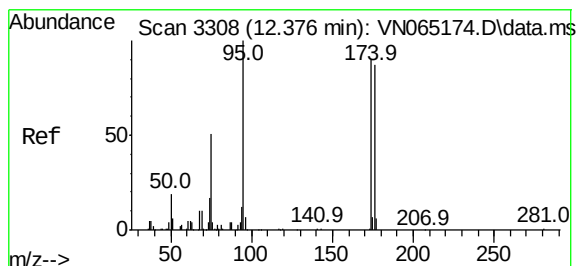
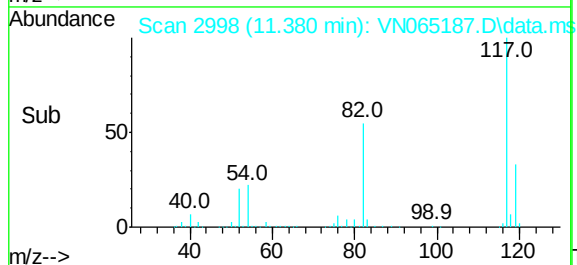
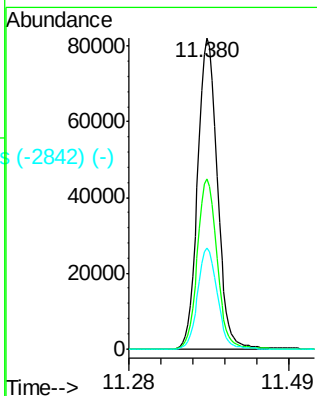
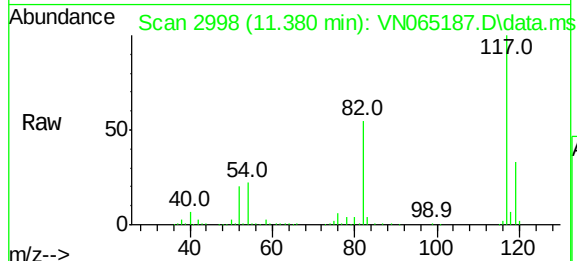




#594 (-)
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065187.D
Acq: 21 Dec 2020 17:53

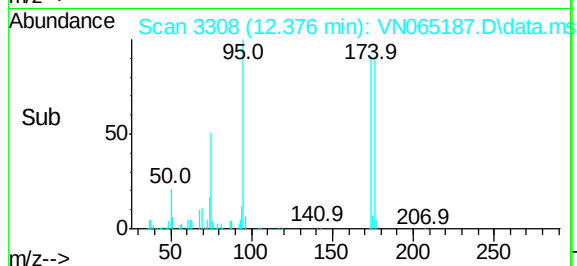
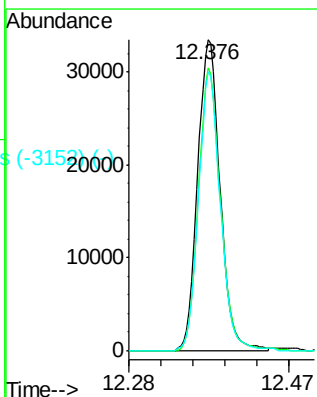
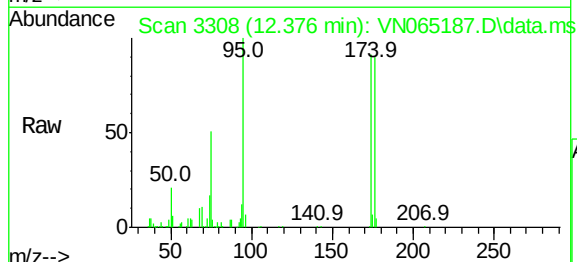
Instrument :
MSVOA_N
ClientSampled :
14B-2

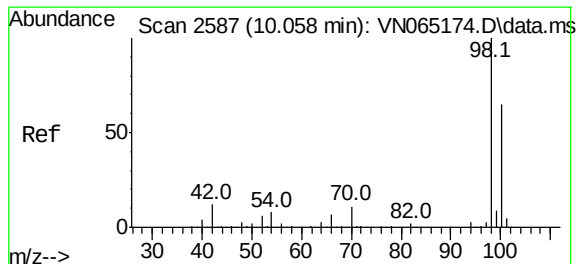
Tgt Ion: 117 Resp: 146522
Ion Ratio Lower Upper
117 100
82 54.4 47.8 71.8
119 32.1 25.7 38.5



#605 (-)
4-Bromofluorobenzene
Concen: 26.21 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065187.D
Acq: 21 Dec 2020 17:53

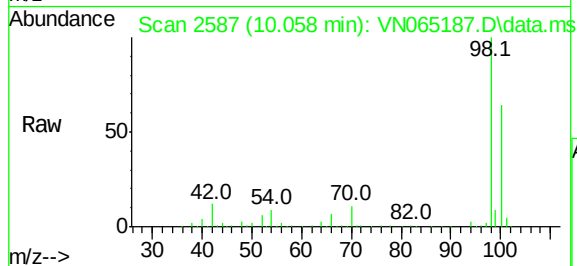
Tgt Ion: 95 Resp: 61091
Ion Ratio Lower Upper
95 100
174 89.2 56.4 84.6#
176 87.1 53.3 79.9#





#6972 (-)
 Toluene-d8
 Concen: 31.12 ug/l
 RT: 10.058 min Scan# 2587
 Delta R.T. 0.000 min
 Lab File: VN065187.D
 Acq: 21 Dec 2020 17:53

Instrument :
 MSVOA_N
ClientSampleId :
 14B-2



Tgt Ion: 98 Resp: 202221

Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.4	74.2

