

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122120\
 Data File : VN065189.D
 Acq On : 21 Dec 2020 18:41
 Operator : JC/MD
 Sample : L5174-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Dec 22 05:39:25 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)

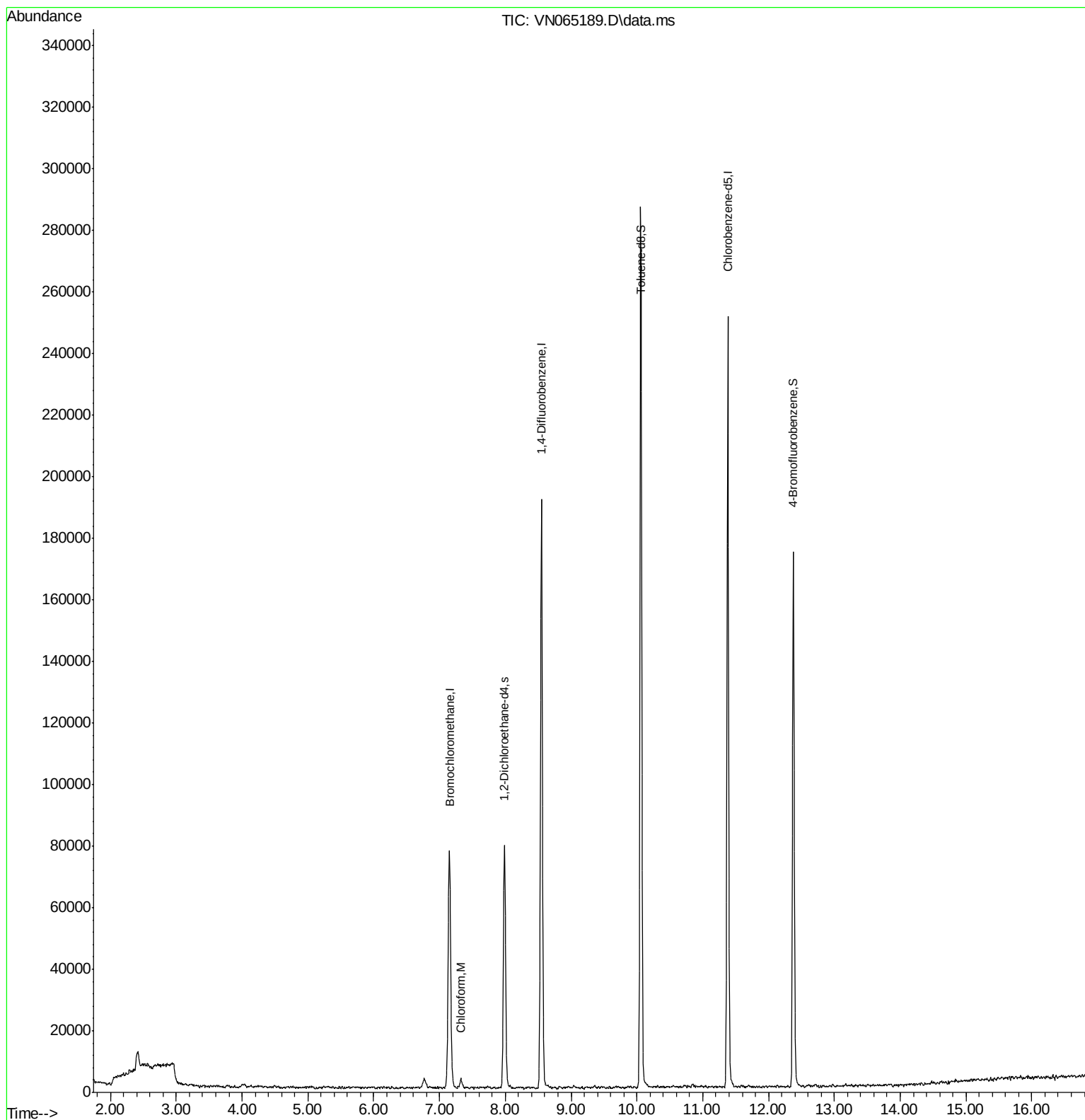
Internal Standards						
1) Bromochloromethane	7.151	128	32307	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	173535	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	149068	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	70341	30.01	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.03%
60) 4-Bromofluorobenzene	12.376	95	61726	26.03	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.77%
63) Toluene-d8	10.058	98	202674	30.65	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.17%
Target Compounds						
25) Chloroform	7.325	83	3367	0.95	ug/l	Qvalue 94

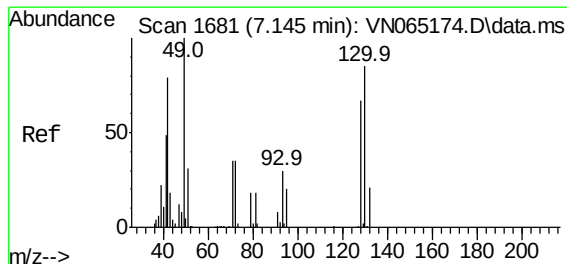
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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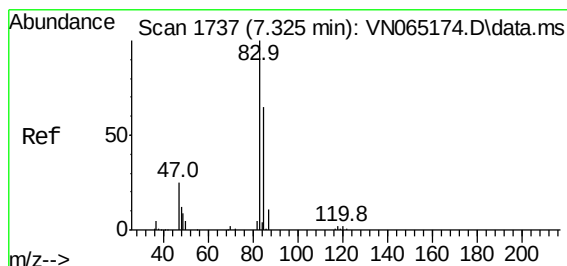
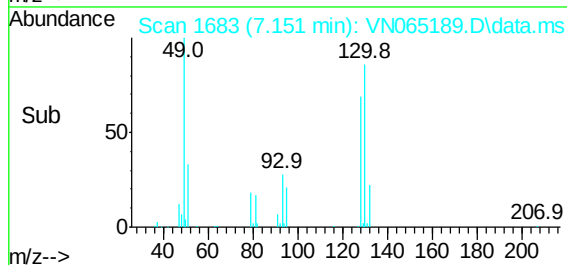
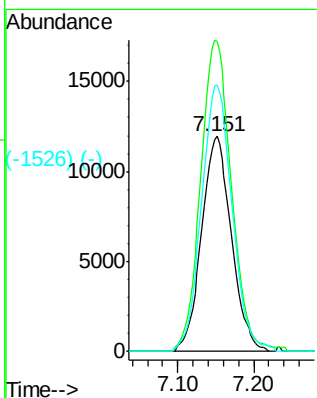
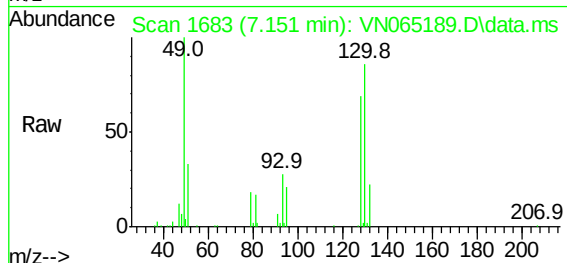




#164 (-)
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

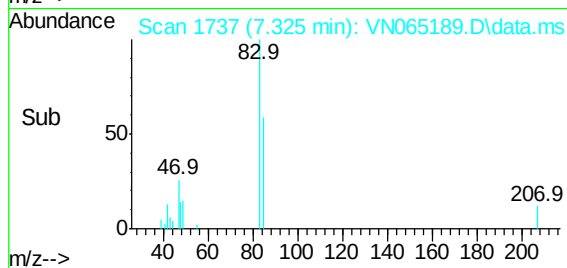
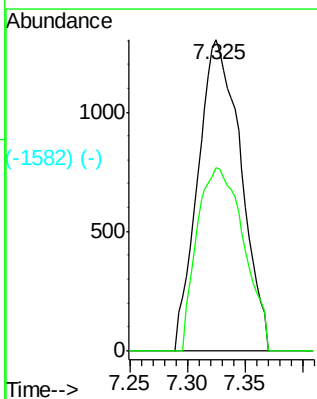
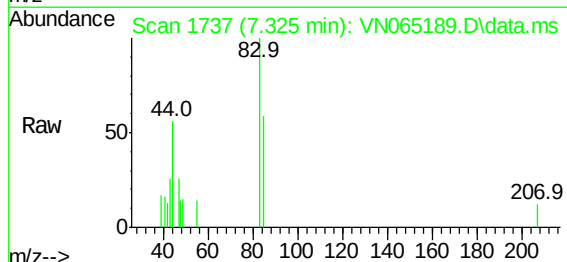
Instrument :
MSVOA_N
ClientSampled :
14B-4

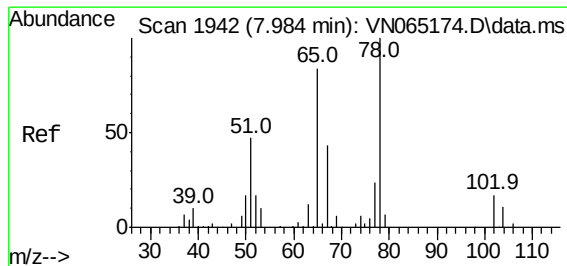
Tgt Ion:128 Resp: 32307
Ion Ratio Lower Upper
128 100
49 149.9 0.0 475.5
130 127.5 0.0 315.3



#175 (-)
Chloroform
Concen: 0.95 ug/l
RT: 7.325 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

Tgt Ion: 83 Resp: 3367
Ion Ratio Lower Upper
83 100
85 58.9 50.6 75.8

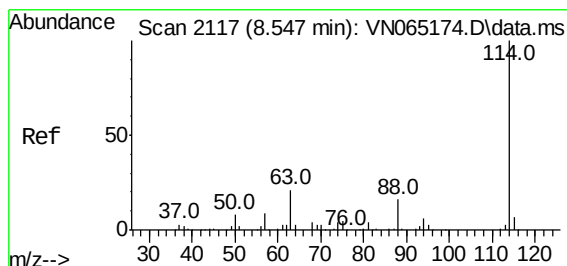
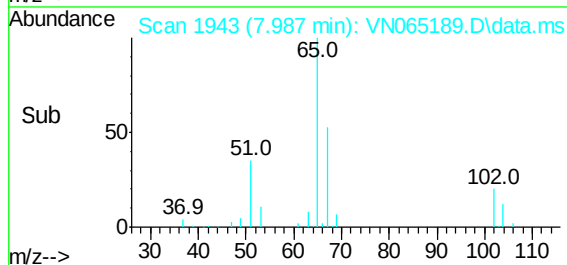
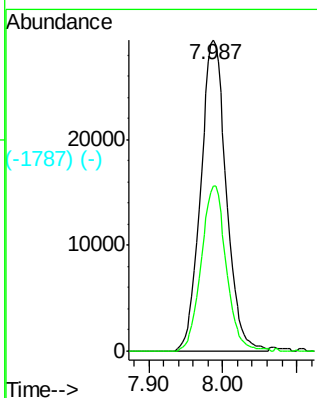
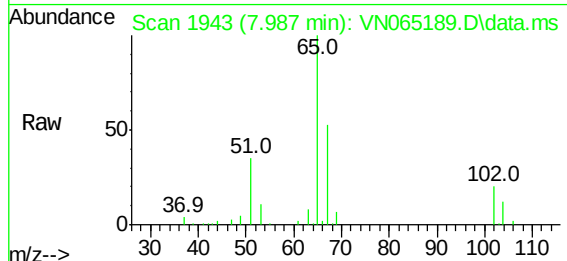




(-1976) (-)
 1,2-Dichloroethane-d4
 Concen: 30.01 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. 0.003 min
 Lab File: VN065189.D
 Acq: 21 Dec 2020 18:41

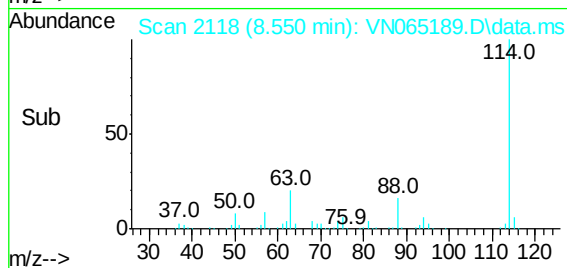
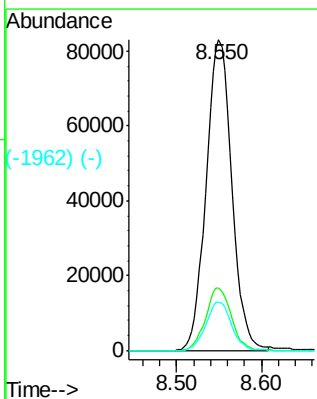
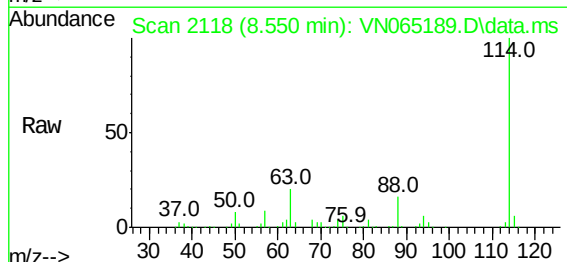
Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

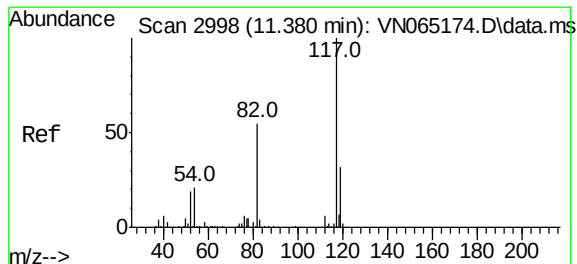
Tgt Ion: 65 Resp: 70341
 Ion Ratio Lower Upper
 65 100
 67 51.7 41.1 61.7



(-1962) (-)
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.003 min
 Lab File: VN065189.D
 Acq: 21 Dec 2020 18:41

Tgt Ion:114 Resp: 173535
 Ion Ratio Lower Upper
 114 100
 63 20.1 18.5 27.7
 88 15.6 13.0 19.6

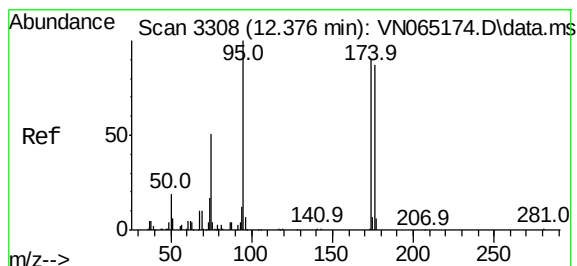
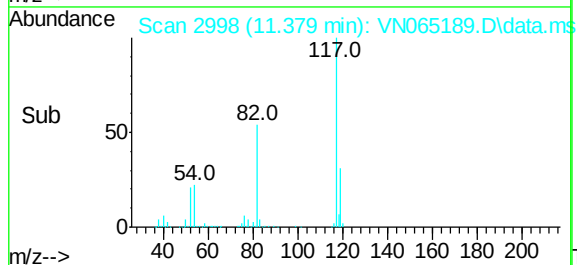
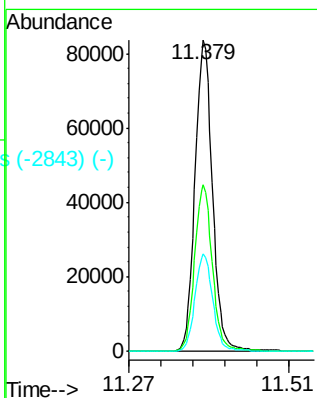
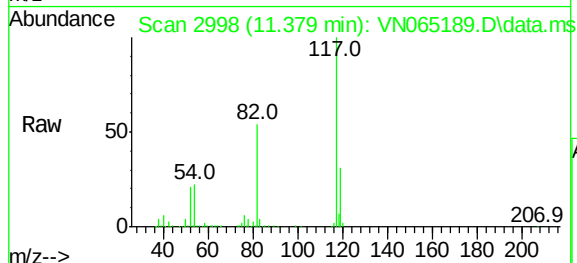




#5984 (-)
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

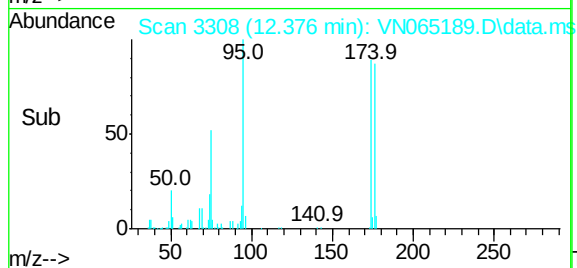
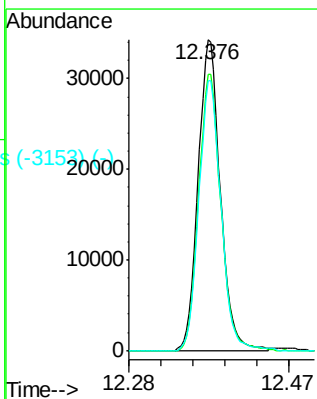
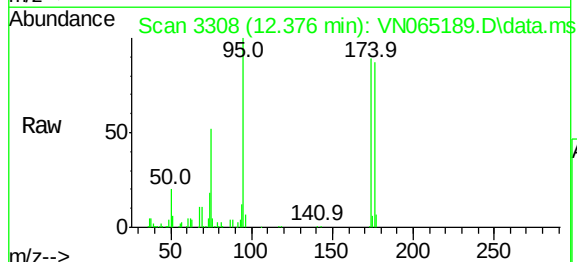
Instrument :
MSVOA_N
ClientSampleId :
14B-4

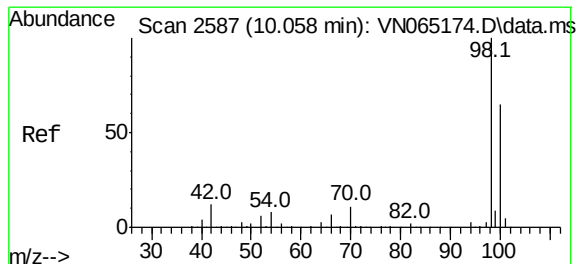
Tgt Ion:	117	Resp:	149068
Ion Ratio	Lower	Upper	
117	100		
82	54.0	47.8	71.8
119	31.5	25.7	38.5



#6095 (-)
4-Bromofluorobenzene
Concen: 26.03 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.000 min
Lab File: VN065189.D
Acq: 21 Dec 2020 18:41

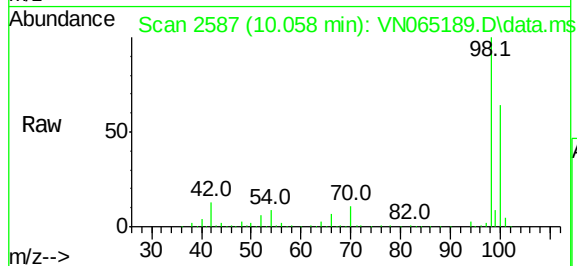
Tgt Ion:	95	Resp:	61726
Ion Ratio	Lower	Upper	
95	100		
174	89.3	56.4	84.6#
176	86.9	53.3	79.9#





#6972 (-)
 Toluene-d8
 Concen: 30.65 ug/l
 RT: 10.058 min Scan# 2587
 Delta R.T. -0.000 min
 Lab File: VN065189.D
 Acq: 21 Dec 2020 18:41

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4



Tgt Ion: 98 Resp: 202674

Ion	Ratio	Lower	Upper
98	100		
100	64.4	49.4	74.2

