

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087719.D
 Acq On : 04 Sep 2025 13:56
 Operator : JC\MD
 Sample : Q3017-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-076-IDWGW-20250903

Quant Time: Sep 05 02:20:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

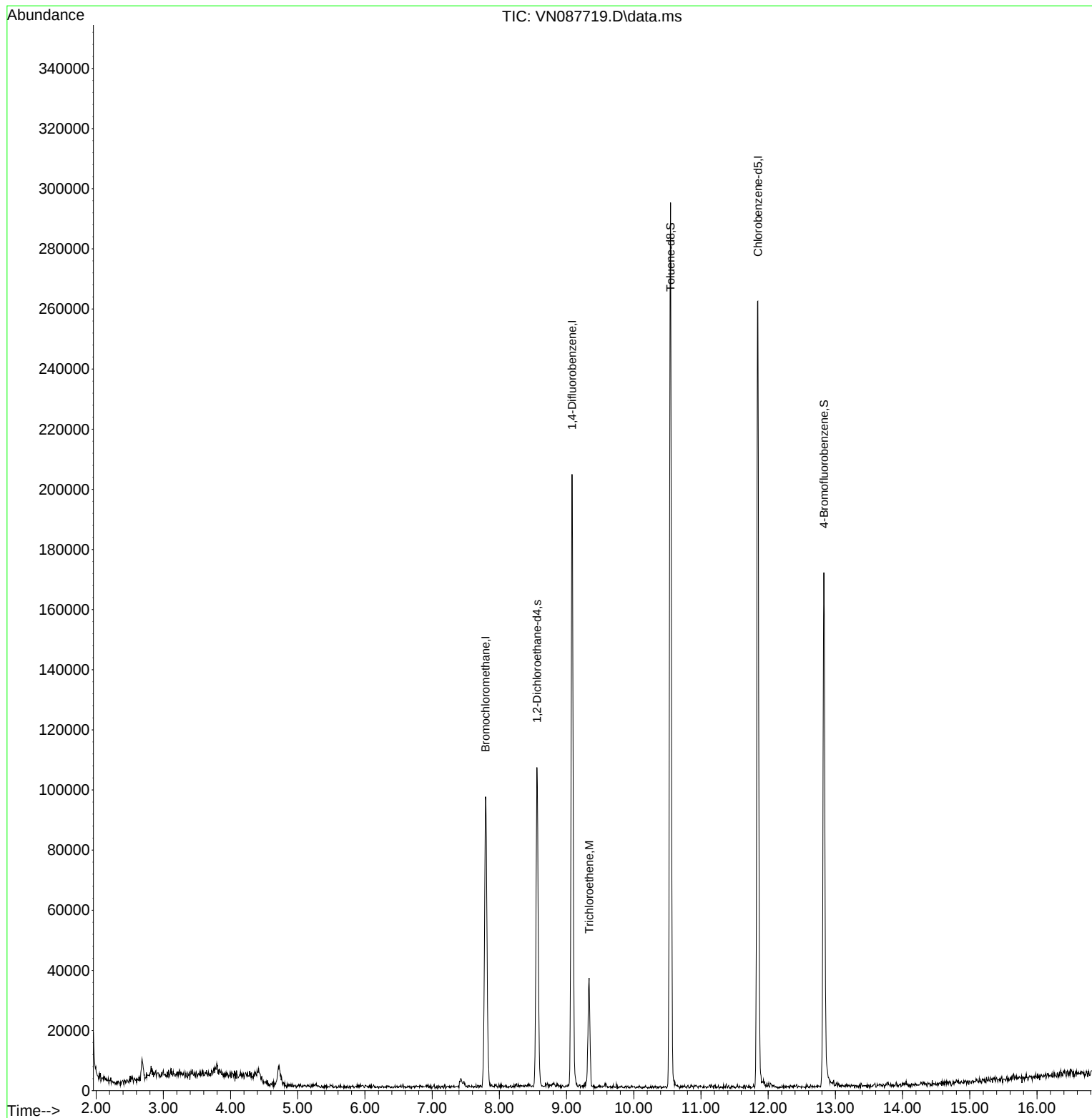
Internal Standards						
1) Bromochloromethane	7.794	128	31627	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	160432	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	142263	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	86846	29.771	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.233%
60) 4-Bromofluorobenzene	12.829	95	62220	25.414	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.700%
63) Toluene-d8	10.547	98	193077	29.496	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.333%
Target Compounds						
37) Trichloroethene	9.335	130	12183	6.696	ug/l	Qvalue 99

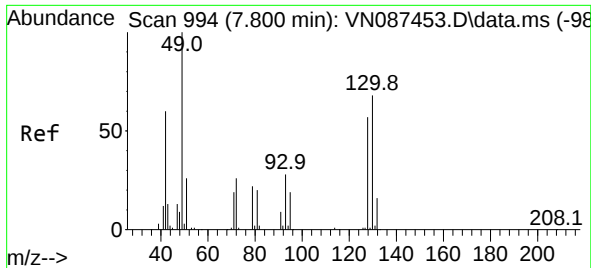
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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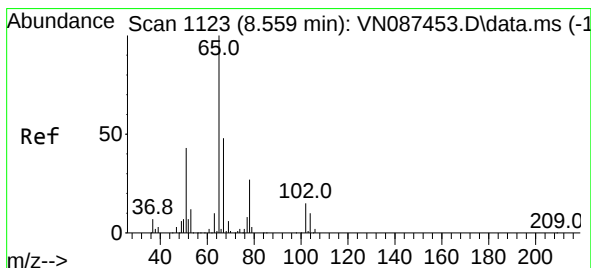
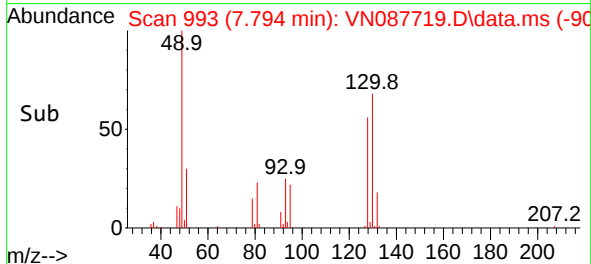
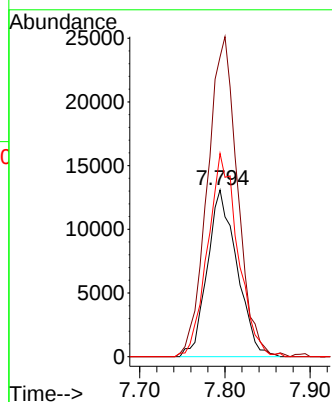
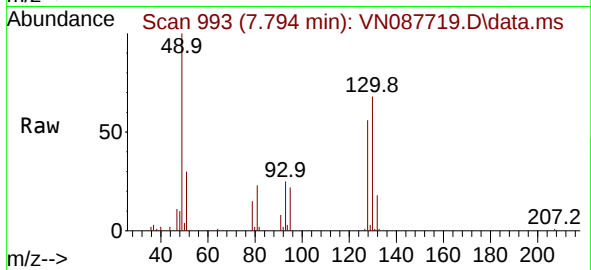




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

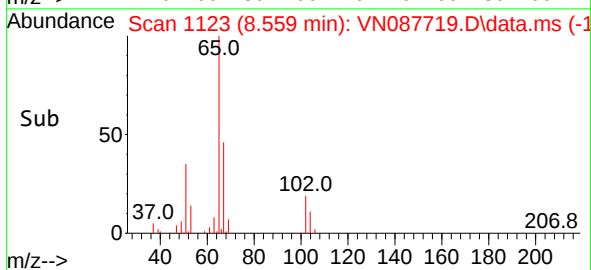
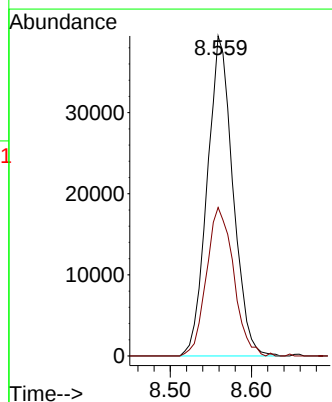
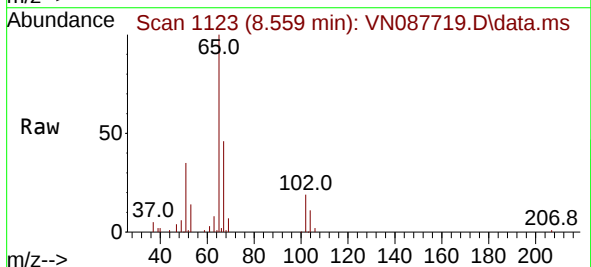
Instrument :
MSVOA_N
ClientSampleId :
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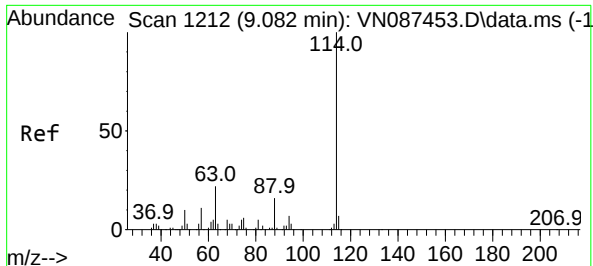
Tgt Ion:128 Resp: 31627
Ion Ratio Lower Upper
128 100
49 194.8 0.0 494.8
130 124.4 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 29.771 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Tgt Ion: 65 Resp: 86846
Ion Ratio Lower Upper
65 100
67 48.9 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087719.D

Acq: 04 Sep 2025 13:56

Instrument :

MSVOA_N

ClientSampleId :

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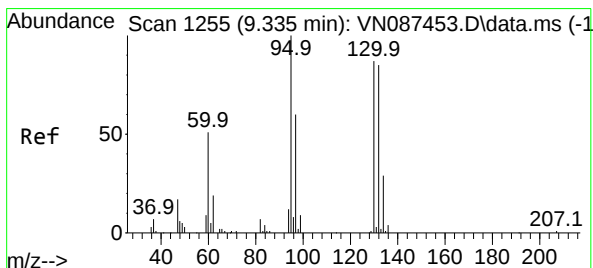
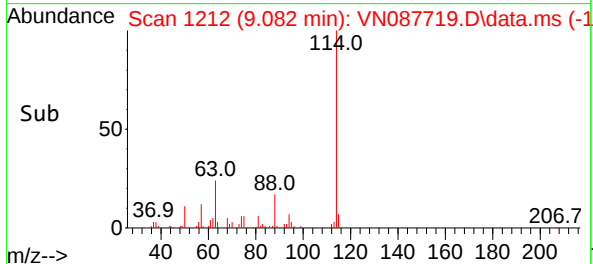
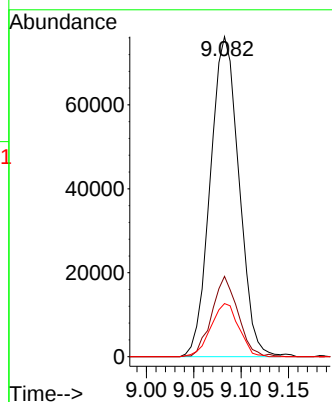
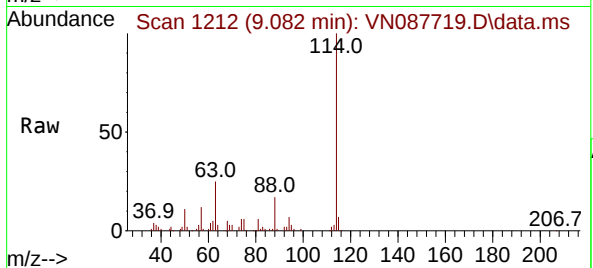
Tgt Ion:114 Resp: 160432

Ion Ratio Lower Upper

114 100

63 22.7 18.9 28.3

88 16.2 13.1 19.7



#37

Trichloroethene

Concen: 6.696 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087719.D

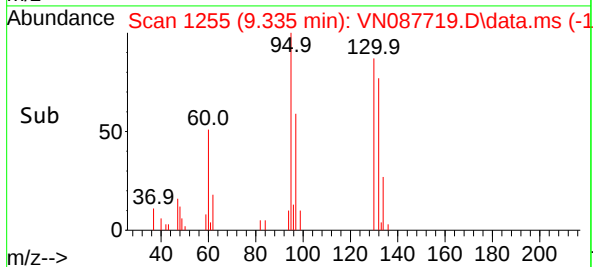
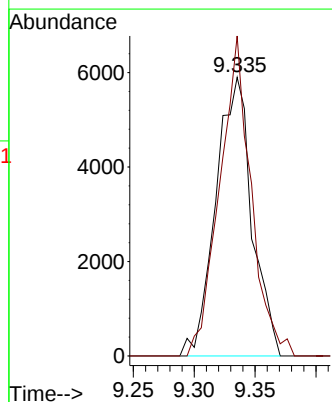
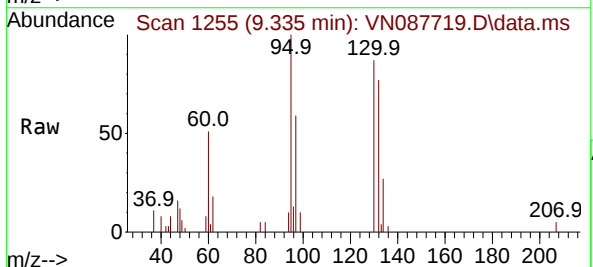
Acq: 04 Sep 2025 13:56

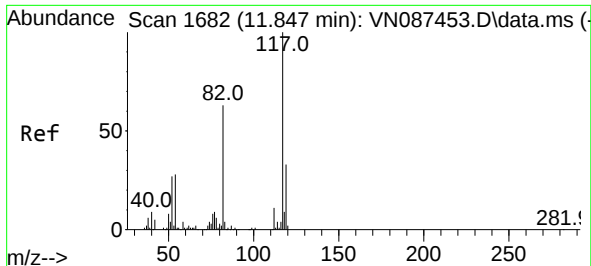
Tgt Ion:130 Resp: 12183

Ion Ratio Lower Upper

130 100

95 114.9 91.4 137.2

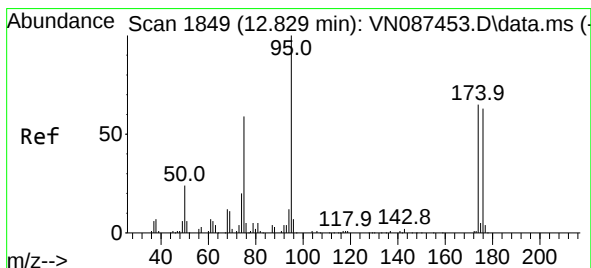
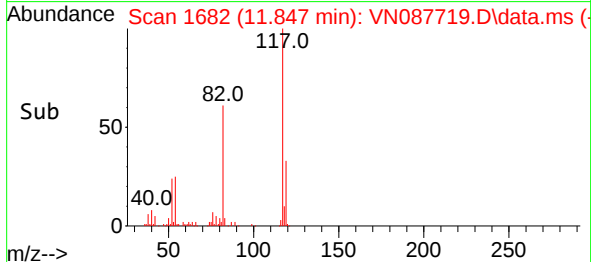
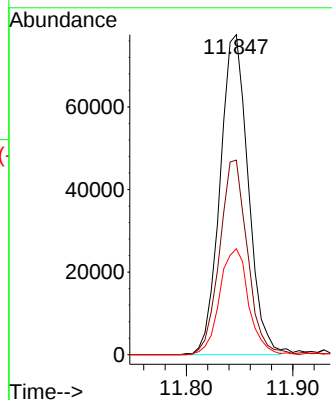
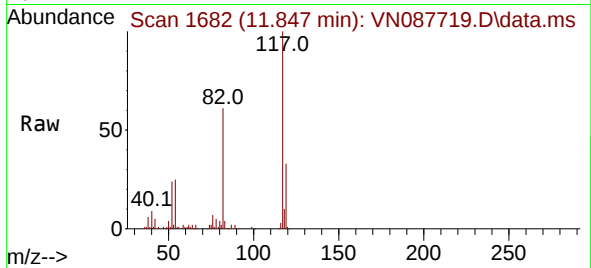




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

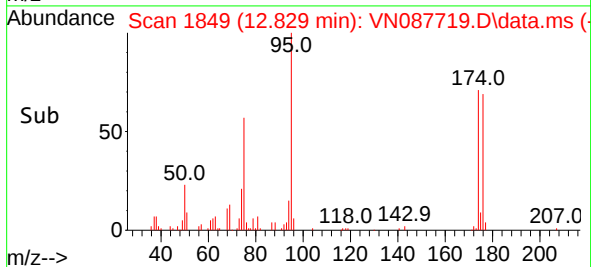
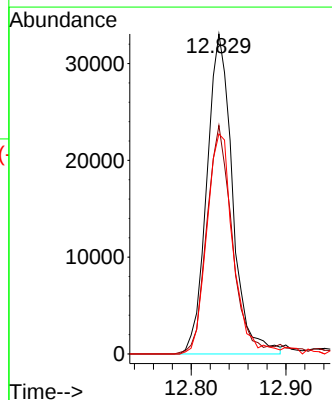
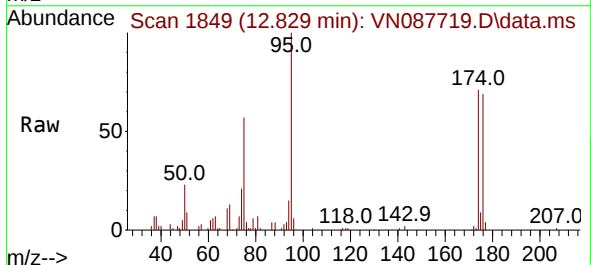
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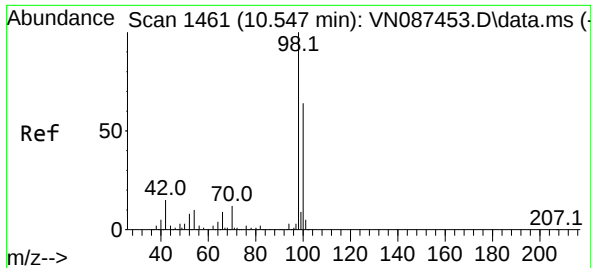
Tgt Ion:117	Resp: 142263
Ion Ratio	Lower Upper
117 100	
82 60.1	49.2 73.8
119 33.8	25.7 38.5



#60
4-Bromofluorobenzene
Concen: 25.414 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

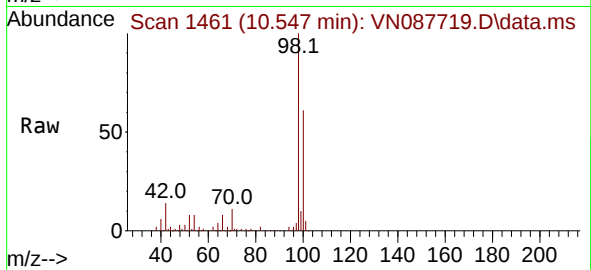
Tgt Ion: 95	Resp: 62220
Ion Ratio	Lower Upper
95 100	
174 69.9	52.3 78.5
176 68.8	49.8 74.8





#63
Toluene-d8
Concen: 29.496 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903



Tgt Ion: 98 Resp: 193077
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7

