

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087601.D
 Acq On : 18 Aug 2025 12:42
 Operator : JC\MD
 Sample : Q2845-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (july)DL

Quant Time: Aug 18 15:12:18 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)

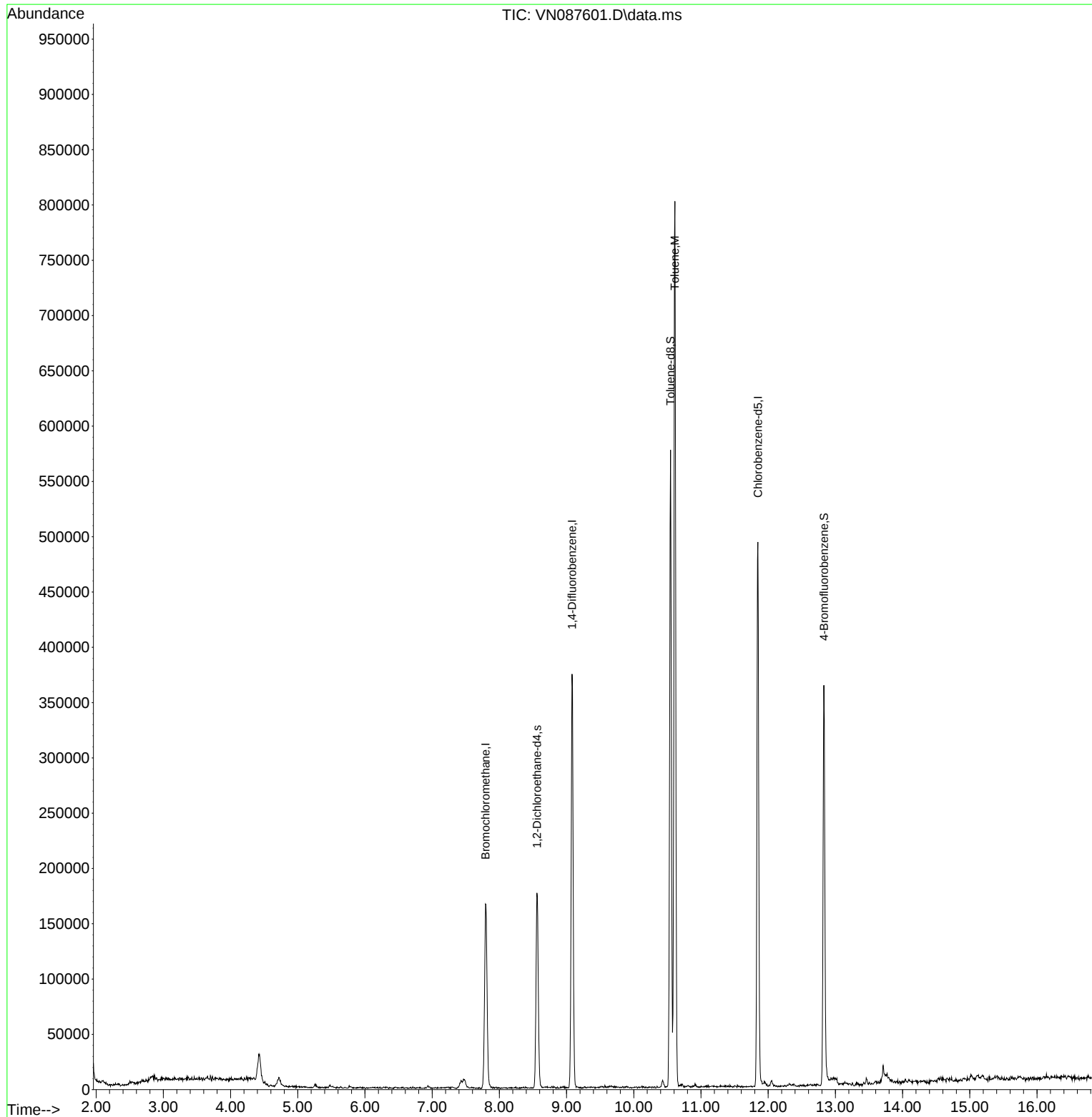
Internal Standards						
1) Bromochloromethane	7.794	128	55447	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	303389	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	270310	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	153196	29.955	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.867%
60) 4-Bromofluorobenzene	12.829	95	128376	27.597	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.000%
63) Toluene-d8	10.547	98	375129	30.161	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.533%
Target Compounds						
					Qvalue	
62) Toluene	10.612	91	592568	35.518	ug/l	100

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

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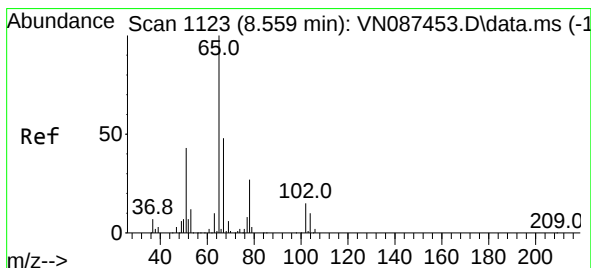
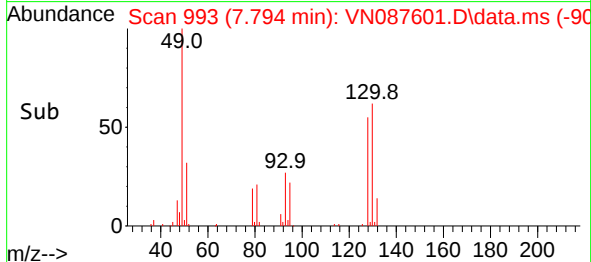
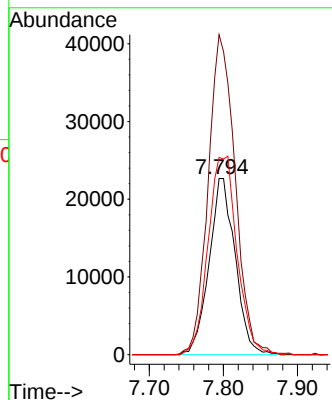
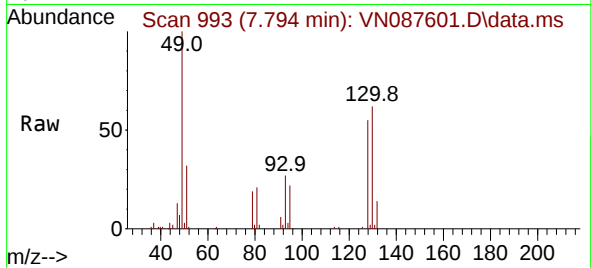




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087601.D
Acq: 18 Aug 2025 12:42

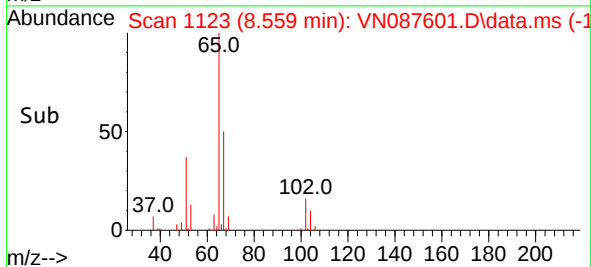
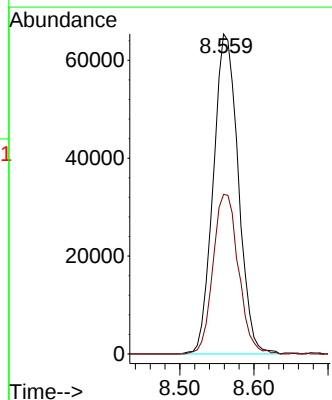
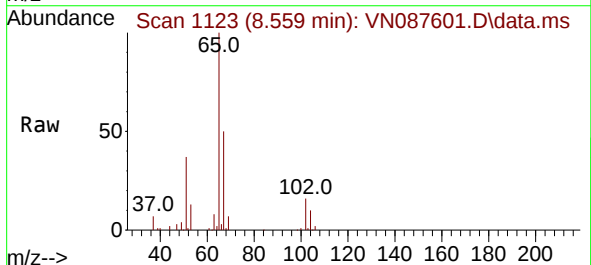
Instrument :
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ClientSampleId :
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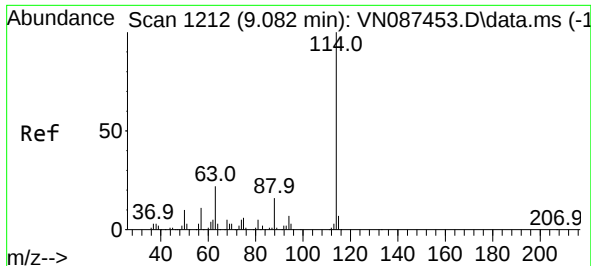
Tgt Ion:128 Resp: 55447
Ion Ratio Lower Upper
128 100
49 187.7 0.0 494.8
130 125.1 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 29.955 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087601.D
Acq: 18 Aug 2025 12:42

Tgt Ion: 65 Resp: 153196
Ion Ratio Lower Upper
65 100
67 50.7 40.8 61.2

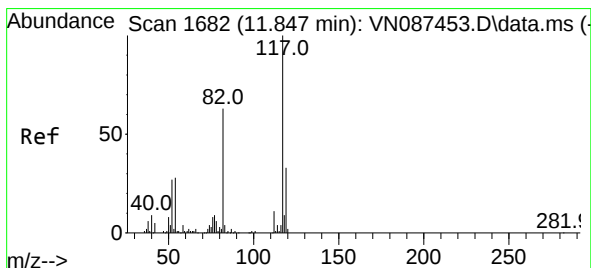
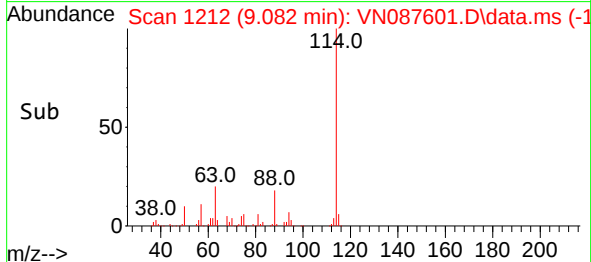
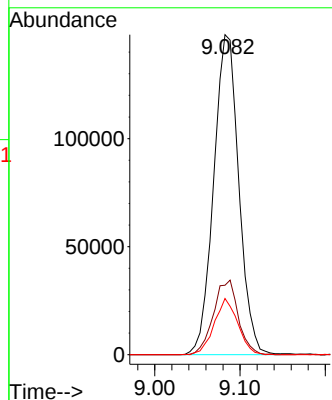
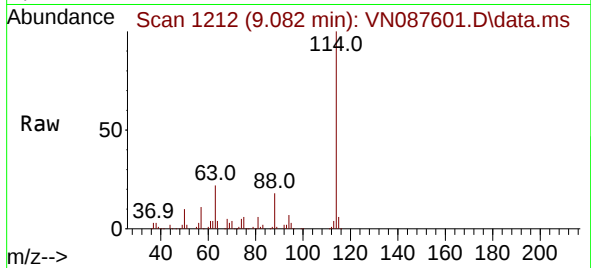




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087601.D
Acq: 18 Aug 2025 12:42

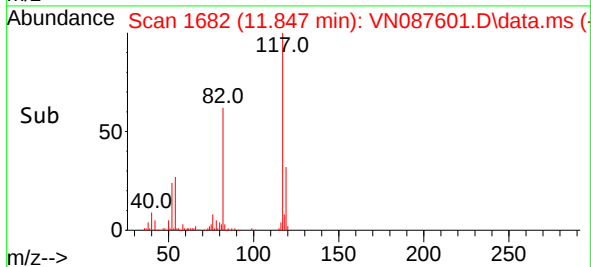
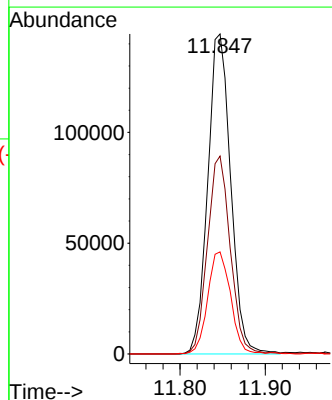
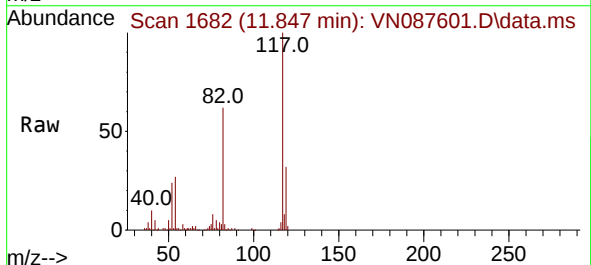
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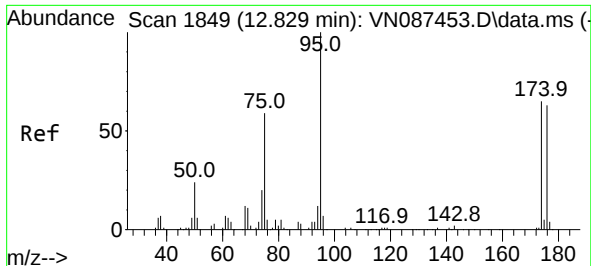
Tgt Ion:114 Resp: 303389
Ion Ratio Lower Upper
114 100
63 23.0 18.9 28.3
88 16.5 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087601.D
Acq: 18 Aug 2025 12:42

Tgt Ion:117 Resp: 270310
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.8 25.7 38.5

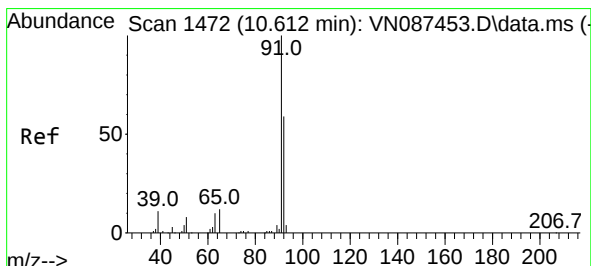
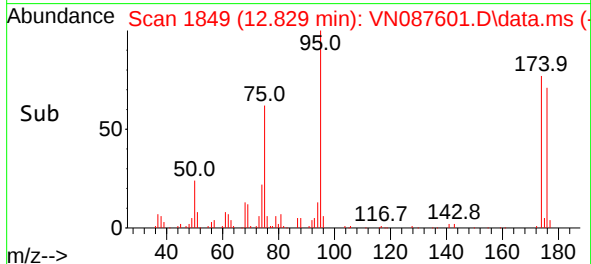
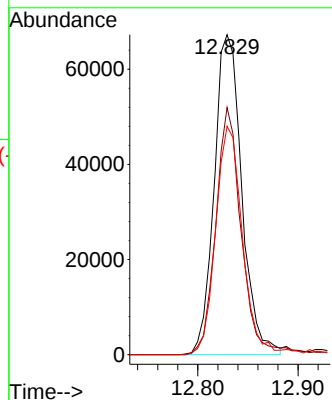
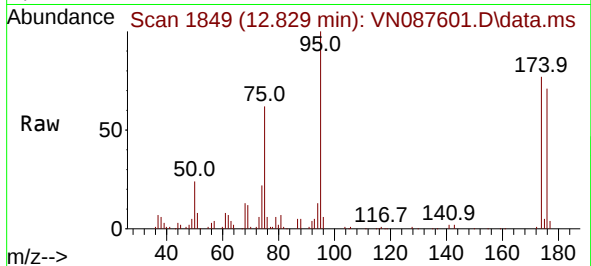




#60
4-Bromofluorobenzene
Concen: 27.597 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087601.D
Acq: 18 Aug 2025 12:42

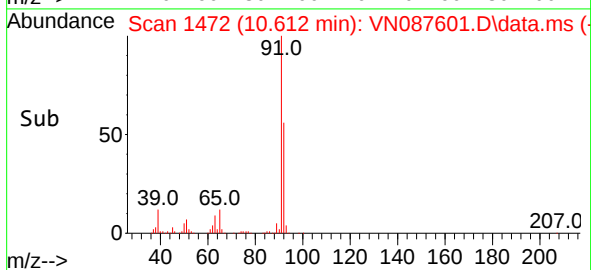
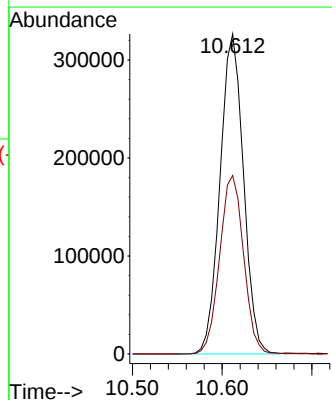
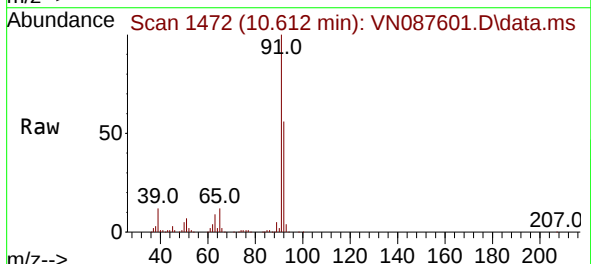
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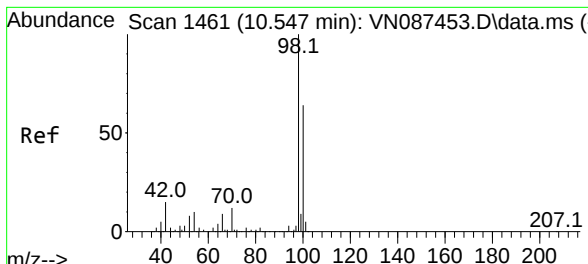
Tgt Ion: 95 Resp: 128376
Ion Ratio Lower Upper
95 100
174 71.0 52.3 78.5
176 68.6 49.8 74.8



#62
Toluene
Concen: 35.518 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087601.D
Acq: 18 Aug 2025 12:42

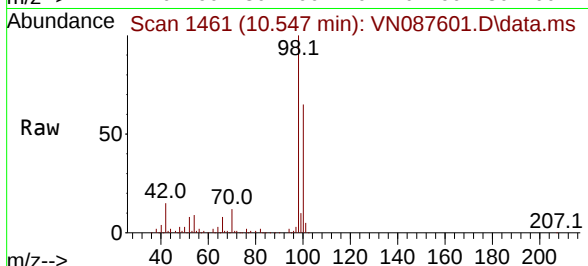
Tgt Ion: 91 Resp: 592568
Ion Ratio Lower Upper
91 100
92 56.9 45.8 68.6





#63
 Toluene-d8
 Concen: 30.161 ug/l
 RT: 10.547 min Scan# 1461
 Delta R.T. -0.000 min
 Lab File: VN087601.D
 Acq: 18 Aug 2025 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (july)DL



Tgt Ion: 98 Resp: 375129
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.5 75.7

