

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081976.D
 Acq On : 02 May 2024 13:02
 Operator : JC\MD
 Sample : P2345-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430044-02

Quant Time: May 03 00:11:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

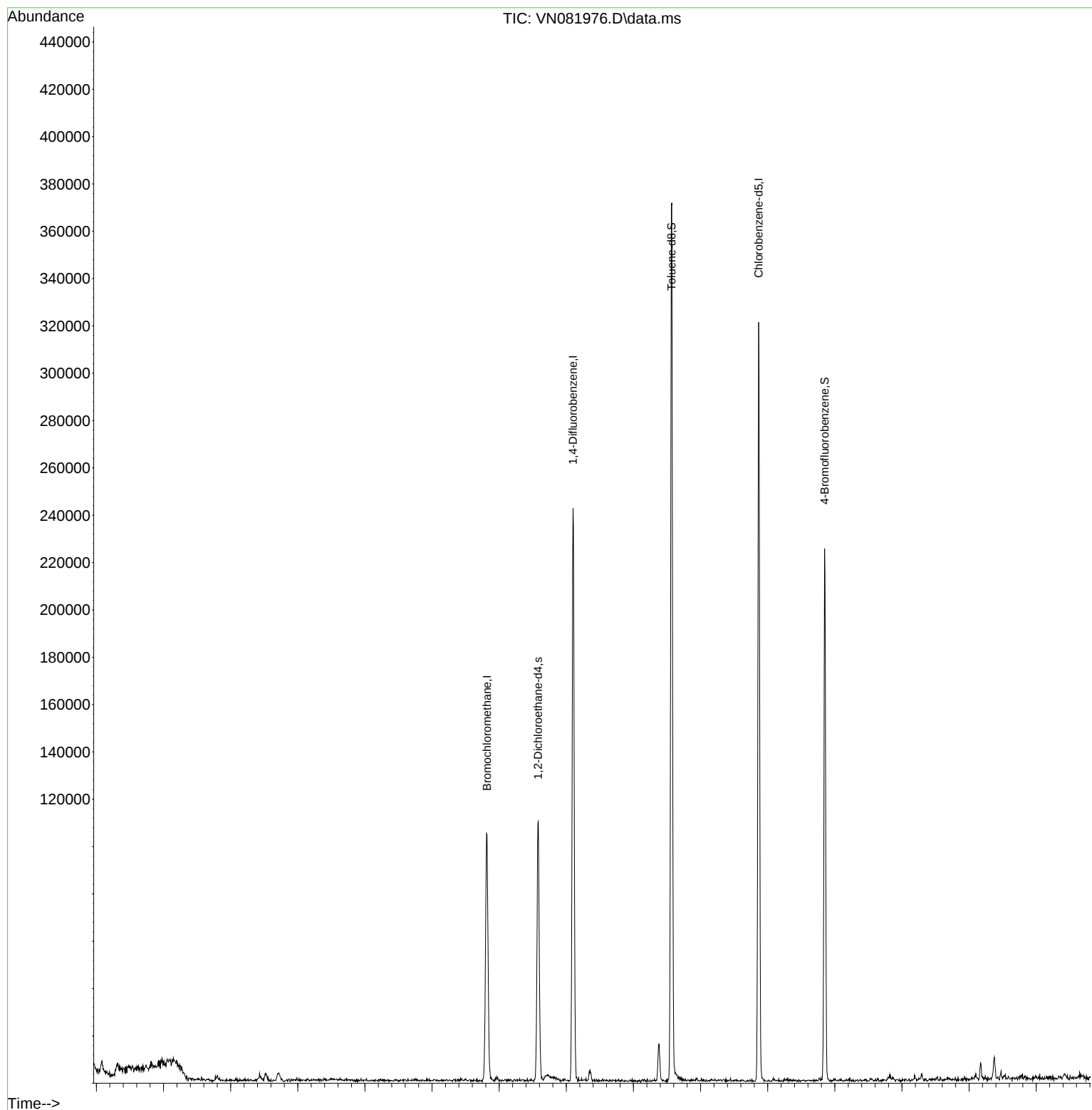
Internal Standards						
1) Bromochloromethane	7.818	128	35892	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	208201	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	172641	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	89127	29.659	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.867%
60) 4-Bromofluorobenzene	12.847	95	81088	28.223	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.067%
63) Toluene-d8	10.565	98	254562	31.049	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.500%
Target Compounds					Qvalue	
62) Toluene	10.630	91	2398	0.247	ug/l	89

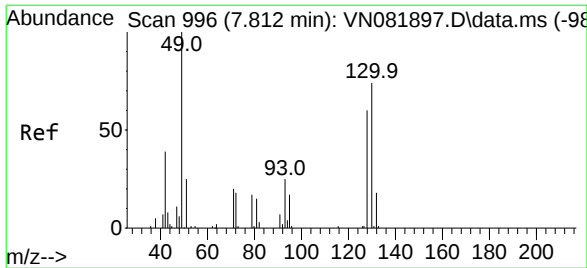
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :
240430044-02

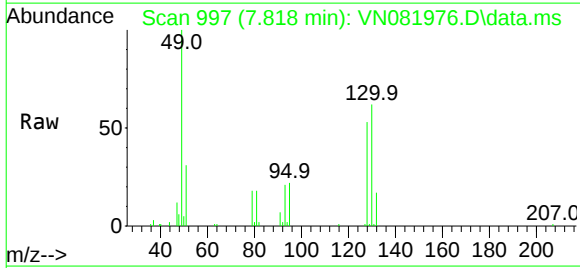
Quant Time: May 03 00:11:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
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QLast Update : Sat Apr 27 04:37:27 2024
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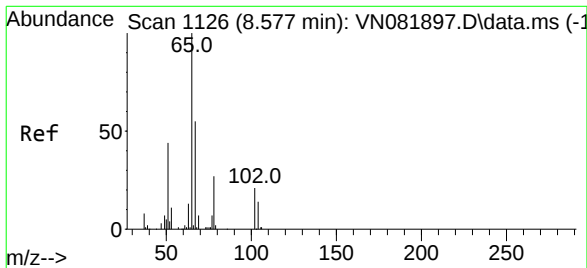
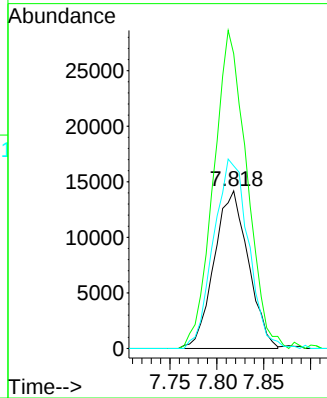
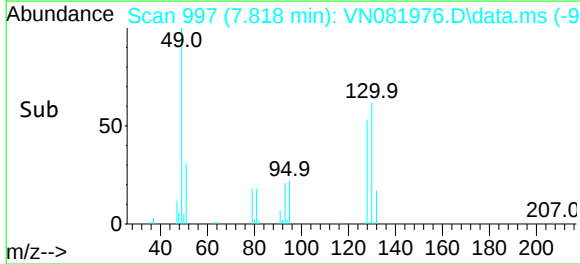


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081976.D
Acq: 02 May 2024 13:02

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ClientSampleId :
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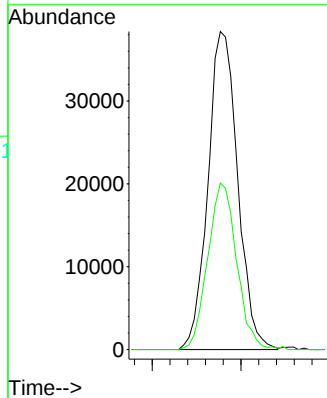
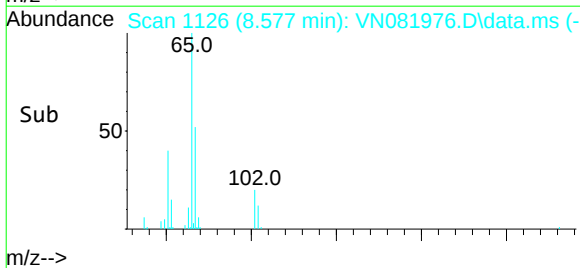
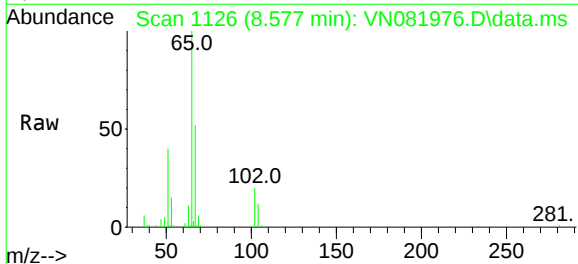


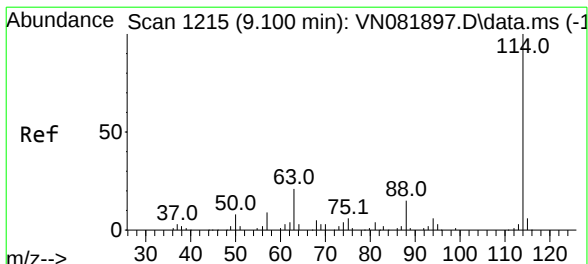
Tgt Ion:128 Resp: 35892
Ion Ratio Lower Upper
128 100
49 196.6 0.0 403.7
130 122.9 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 29.659 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081976.D
Acq: 02 May 2024 13:02

Tgt Ion: 65 Resp: 89127
Ion Ratio Lower Upper
65 100
67 50.9 43.2 64.8

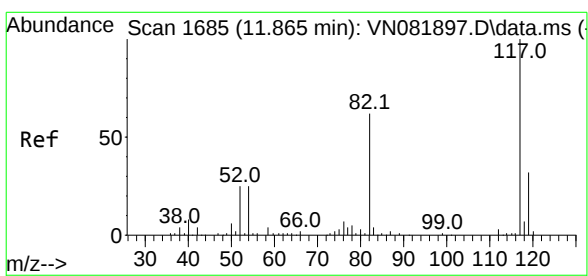
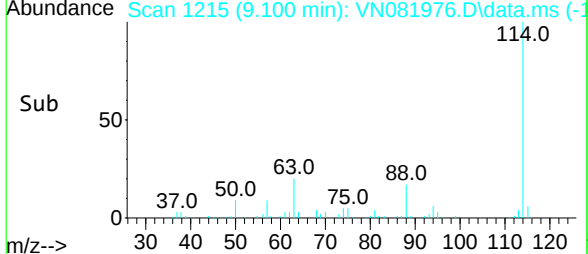
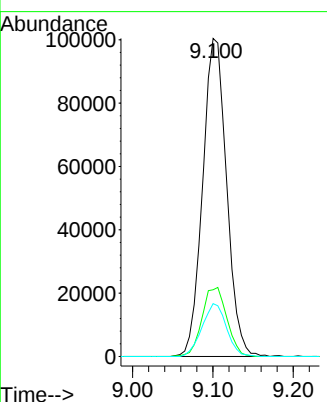
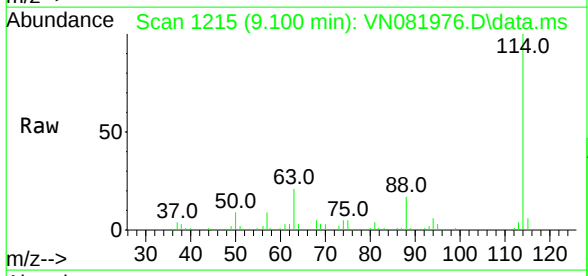




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081976.D
 Acq: 02 May 2024 13:02

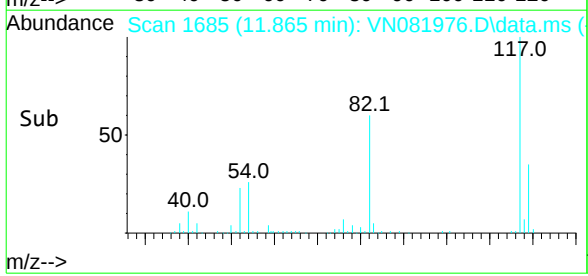
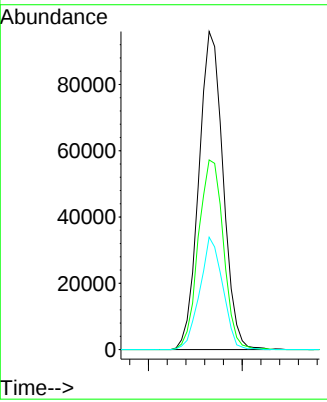
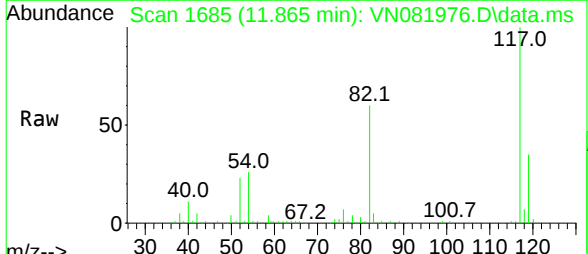
Instrument :
 MSVOA_N
 ClientSampleId :
 240430044-02

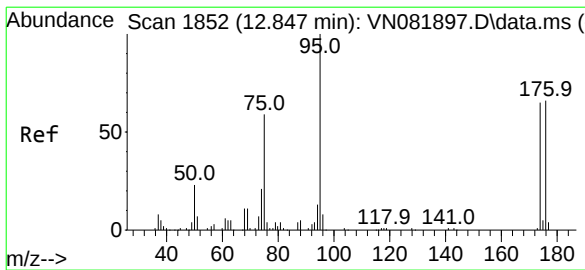
Tgt Ion:	114	Resp:	208201
Ion Ratio	Lower	Upper	
114	100		
63	22.5	15.9	23.9
88	17.0	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081976.D
 Acq: 02 May 2024 13:02

Tgt Ion:	117	Resp:	172641
Ion Ratio	Lower	Upper	
117	100		
82	61.4	46.6	69.8
119	33.4	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 28.223 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN081976.D

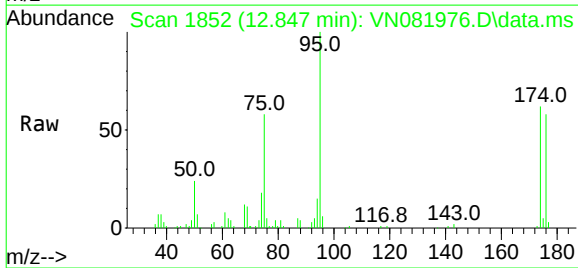
Acq: 02 May 2024 13:02

Instrument :

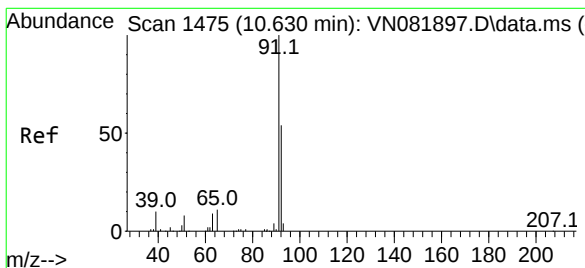
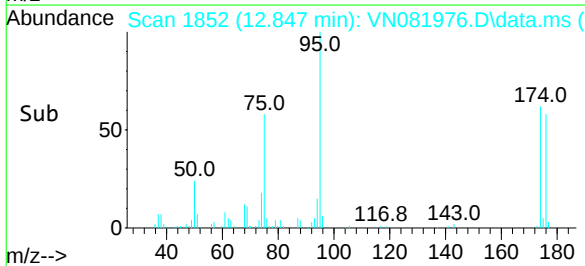
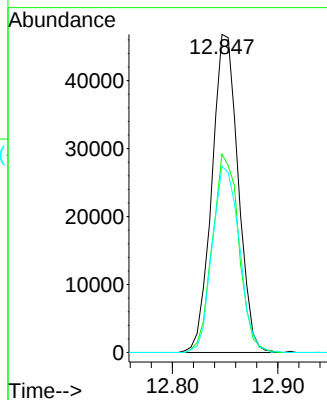
MSVOA_N

ClientSampleId :

240430044-02



Tgt Ion:	95	Resp:	81088
Ion	Ratio	Lower	Upper
95	100		
174	63.0	60.5	90.7
176	60.4	57.8	86.6



#62

Toluene

Concen: 0.247 ug/l

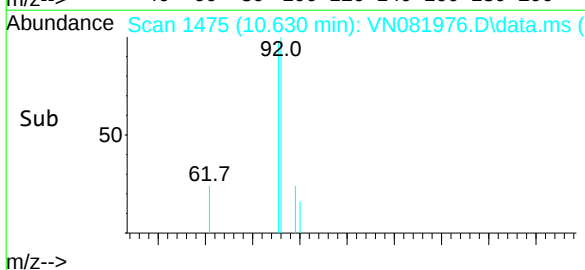
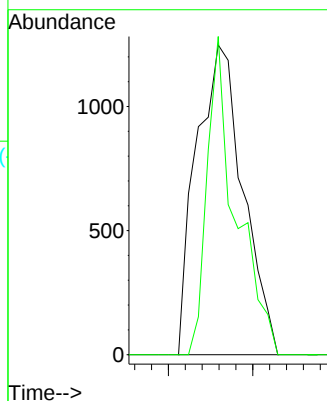
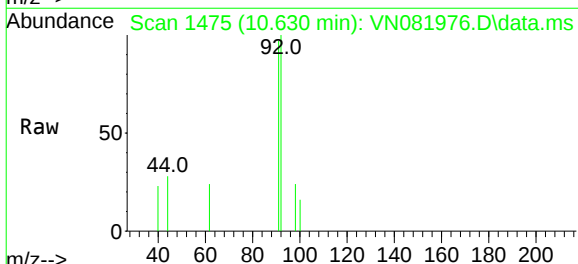
RT: 10.630 min Scan# 1475

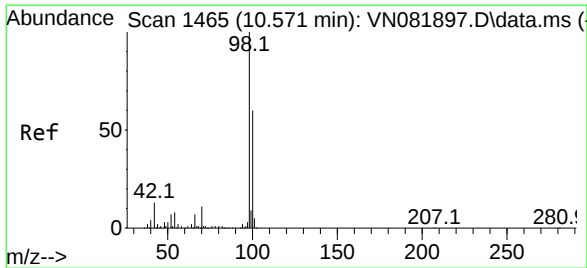
Delta R.T. -0.000 min

Lab File: VN081976.D

Acq: 02 May 2024 13:02

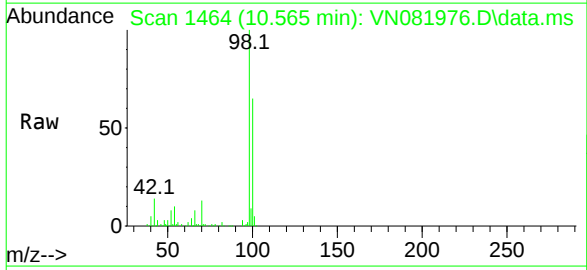
Tgt Ion:	91	Resp:	2398
Ion	Ratio	Lower	Upper
91	100		
92	49.7	46.5	69.7





#63
Toluene-d8
Concen: 31.049 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN081976.D
Acq: 02 May 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :
240430044-02



Tgt Ion: 98 Resp: 254562
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

