

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083701.D
 Acq On : 06 Sep 2024 17:12
 Operator : JC\MD
 Sample : P3790-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Sep 06 23:49:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

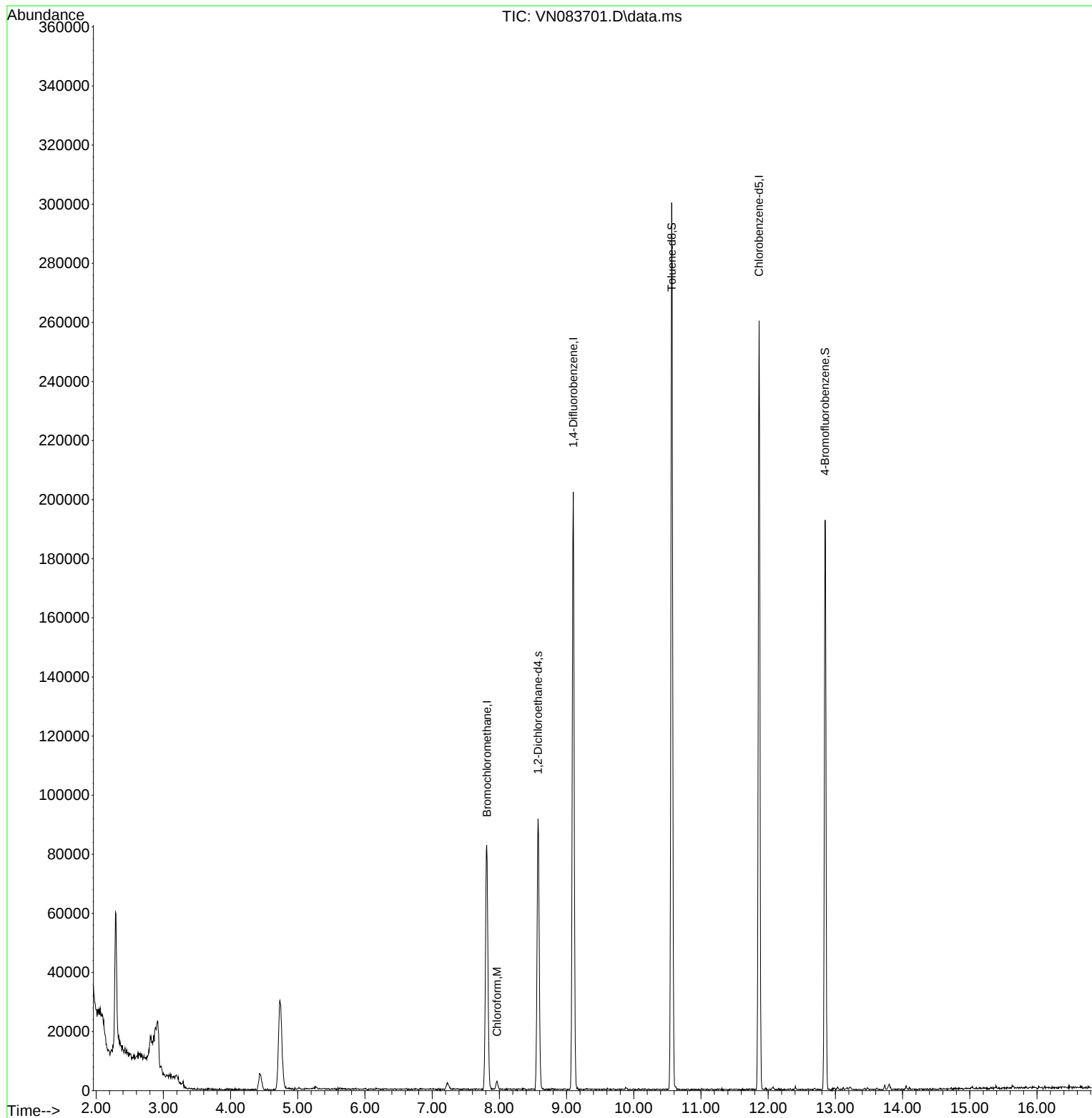
Internal Standards						
1) Bromochloromethane	7.818	128	27871	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	164104	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140461	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	78298	30.734	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.433%
60) 4-Bromofluorobenzene	12.847	95	67192	27.756	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.533%
63) Toluene-d8	10.565	98	198570	30.531	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.767%
Target Compounds						
25) Chloroform	7.965	83	2903	0.782	ug/l	Qvalue 85

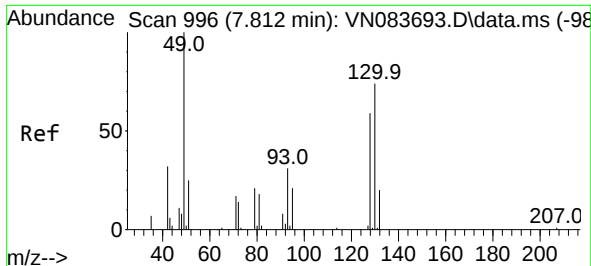
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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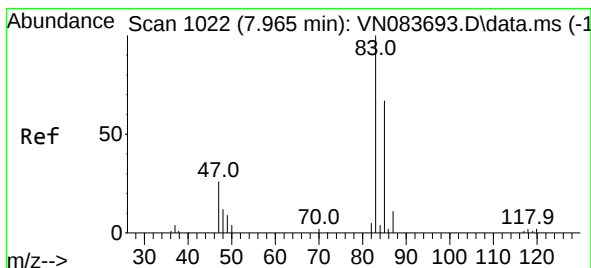
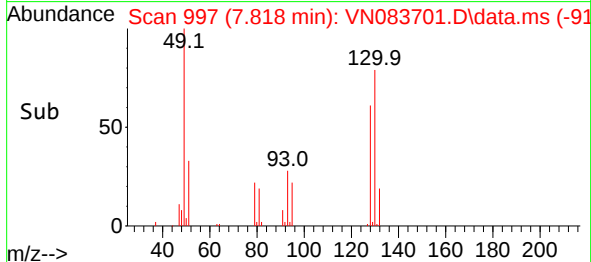
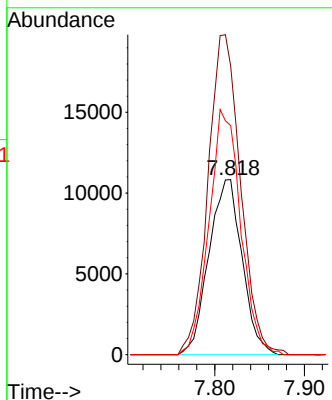
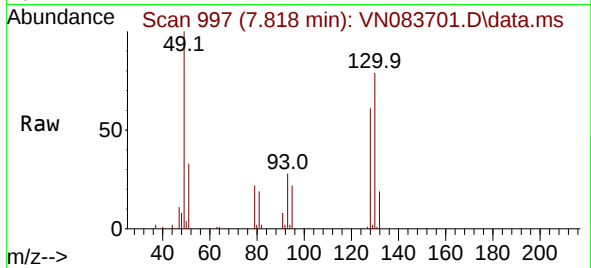




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083701.D
Acq: 06 Sep 2024 17:12

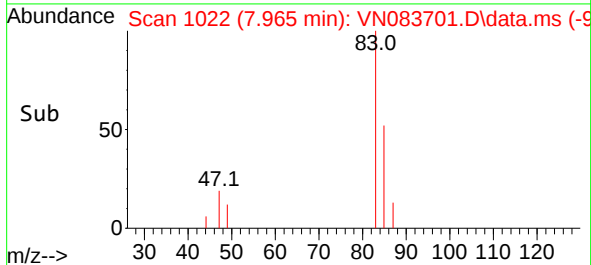
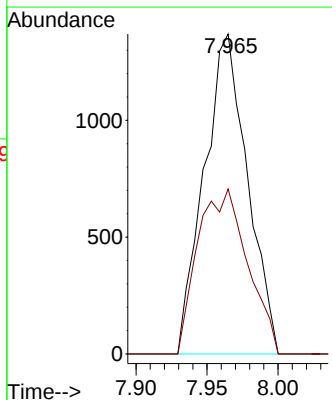
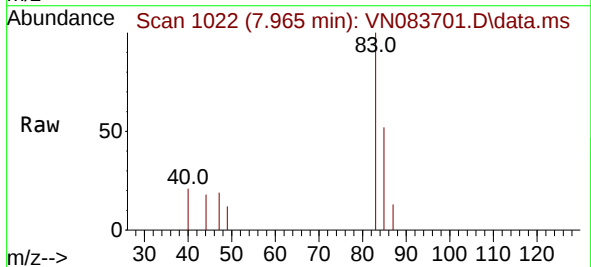
Instrument :
MSVOA_N
ClientSampleId :
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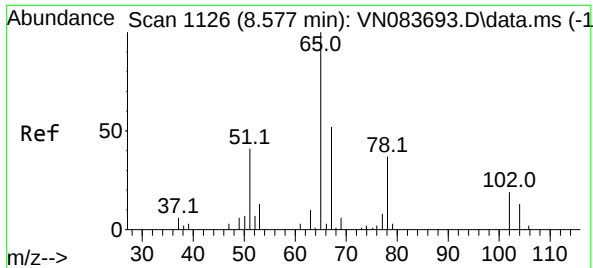
Tgt Ion:128 Resp: 27871
Ion Ratio Lower Upper
128 100
49 178.6 0.0 403.7
130 133.4 0.0 323.3



#25
Chloroform
Concen: 0.782 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083701.D
Acq: 06 Sep 2024 17:12

Tgt Ion: 83 Resp: 2903
Ion Ratio Lower Upper
83 100
85 51.5 50.9 76.3

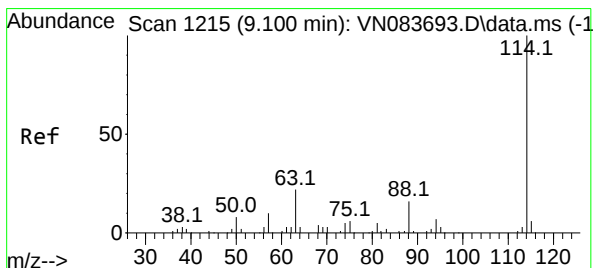
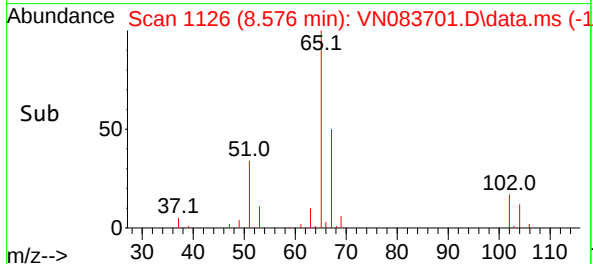
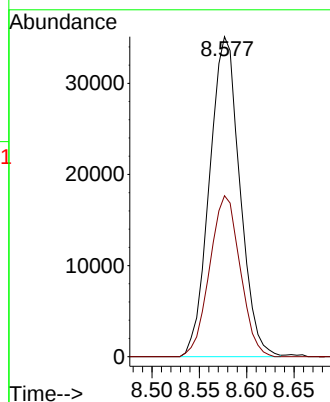
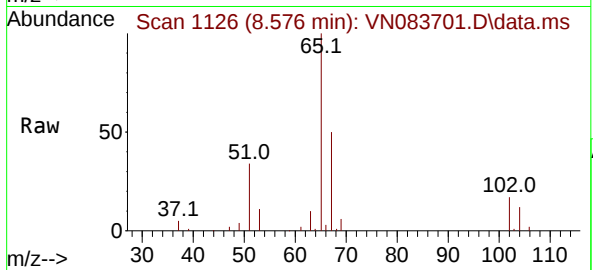




#27
 1,2-Dichloroethane-d4
 Concen: 30.734 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083701.D
 Acq: 06 Sep 2024 17:12

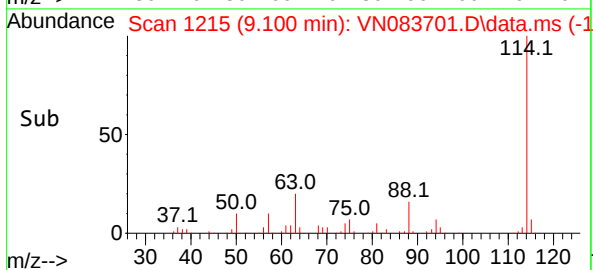
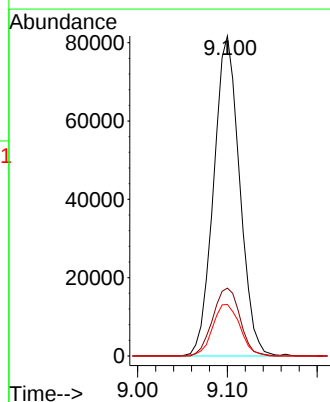
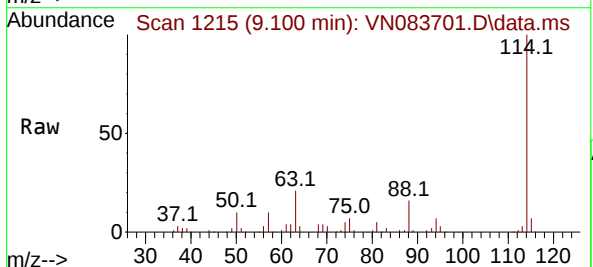
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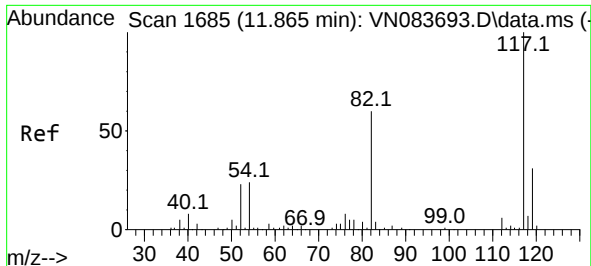
Tgt Ion: 65 Resp: 78298
 Ion Ratio Lower Upper
 65 100
 67 50.6 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083701.D
 Acq: 06 Sep 2024 17:12

Tgt Ion: 114 Resp: 164104
 Ion Ratio Lower Upper
 114 100
 63 22.2 15.9 23.9
 88 16.9 12.7 19.1

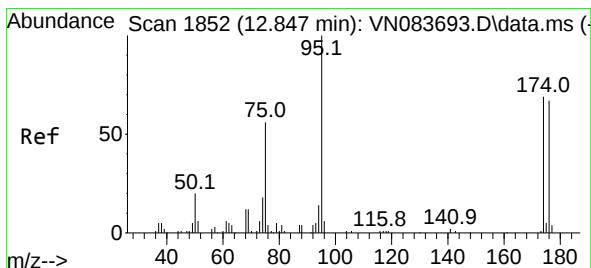
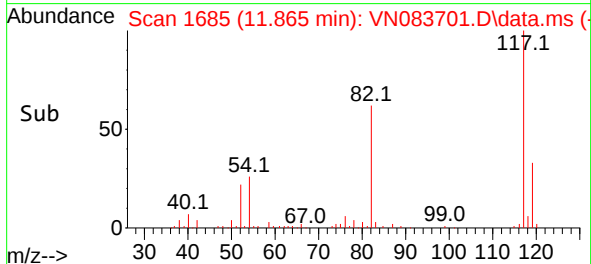
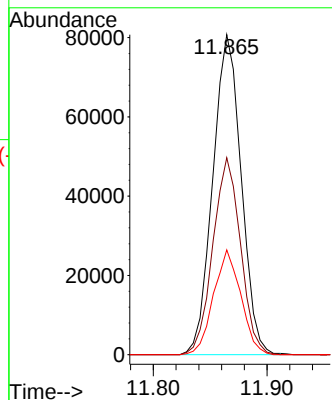
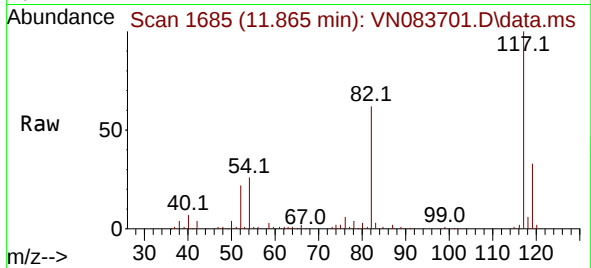




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083701.D
Acq: 06 Sep 2024 17:12

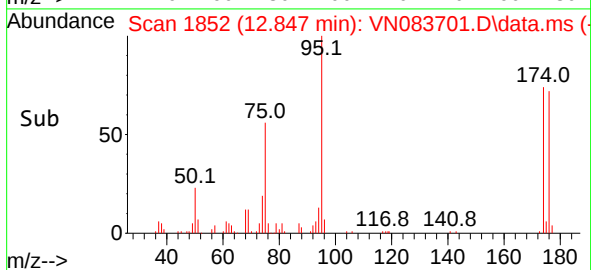
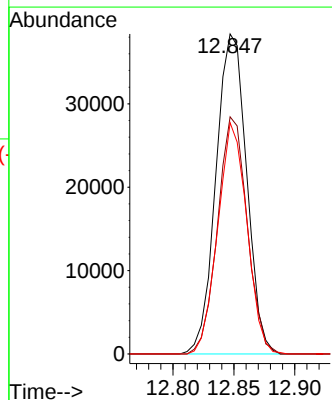
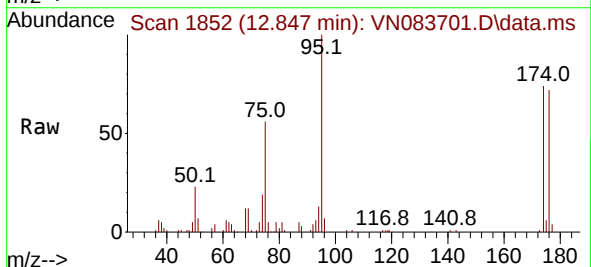
Instrument :
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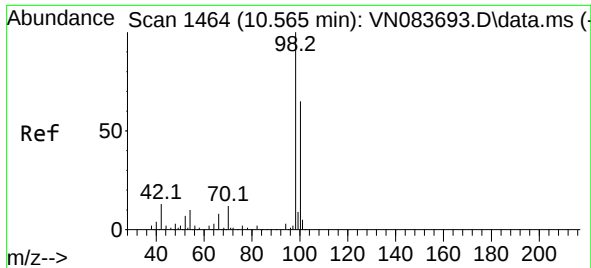
Tgt Ion:117 Resp: 140461
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 31.5 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 27.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083701.D
Acq: 06 Sep 2024 17:12

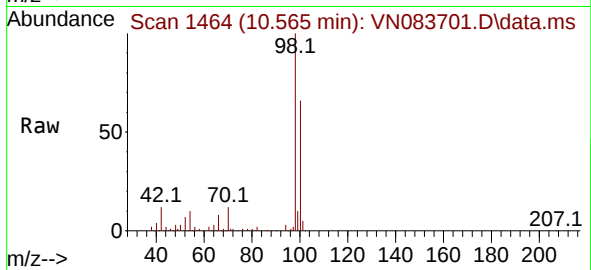
Tgt Ion: 95 Resp: 67192
Ion Ratio Lower Upper
95 100
174 71.6 60.5 90.7
176 68.6 57.8 86.6





#63
Toluene-d8
Concen: 30.531 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN083701.D
Acq: 06 Sep 2024 17:12

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 98 Resp: 198570
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

