

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044671.D
 Acq On : 16 Jan 2025 14:18
 Operator :
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 17 01:31:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

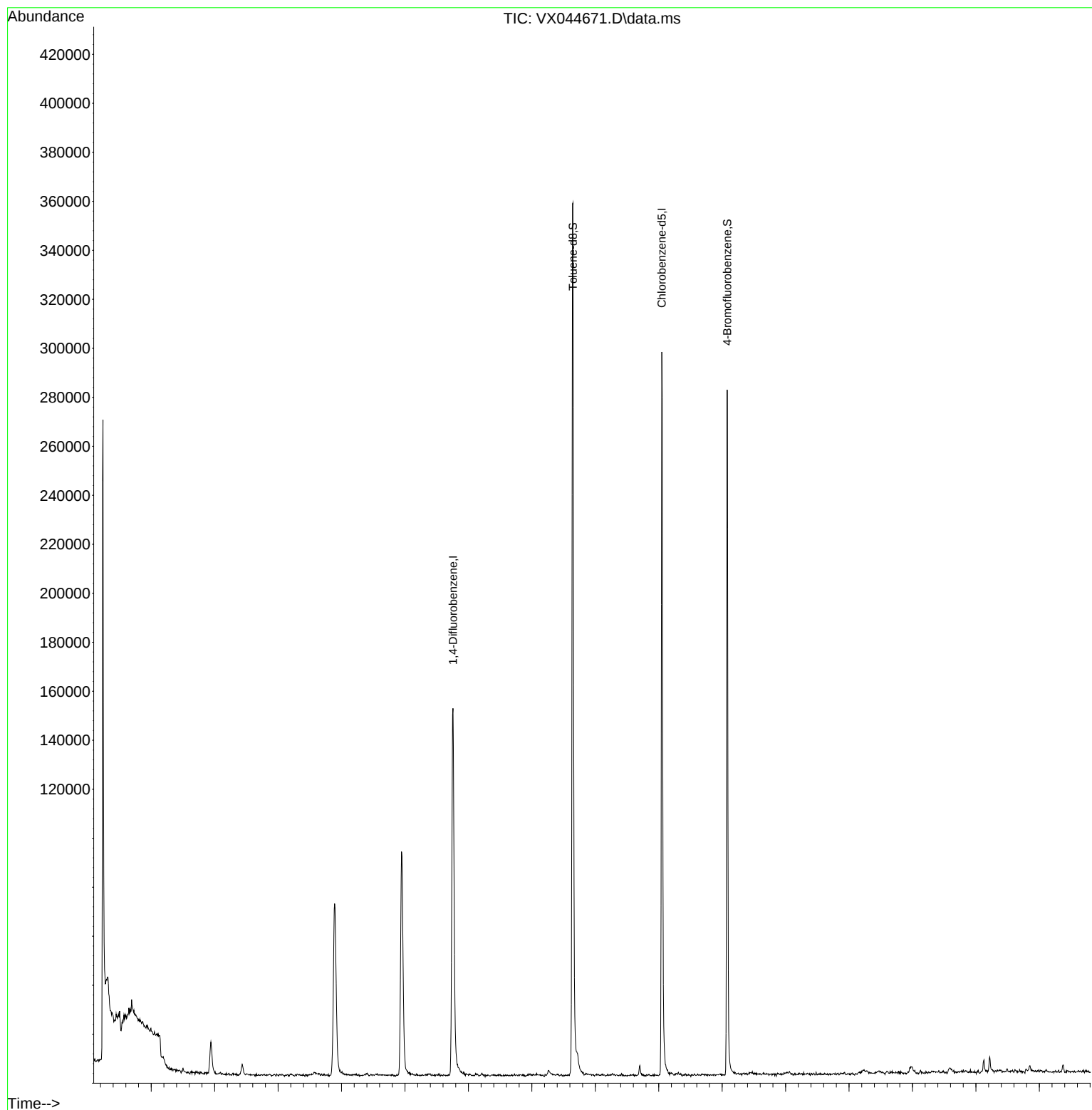
Internal Standards						
1) Bromochloromethane	4.897	128	30872	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	158542	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	144585	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	89155	29.914	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.700%
60) 4-Bromofluorobenzene	11.079	95	81087	28.874	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.233%
63) Toluene-d8	8.647	98	238445	30.321	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
62) Toluene	8.720	91	3176	0.334	ug/l	Qvalue 98

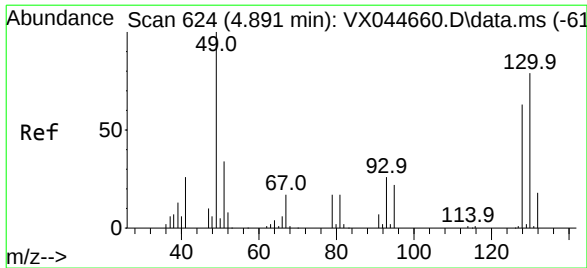
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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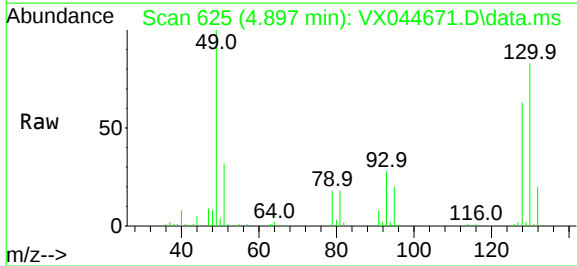
Quant Time: Jan 17 01:31:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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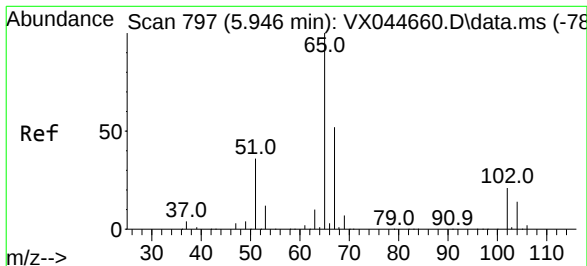
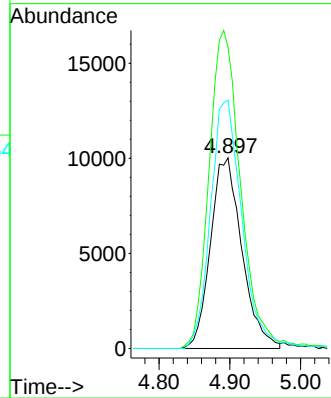
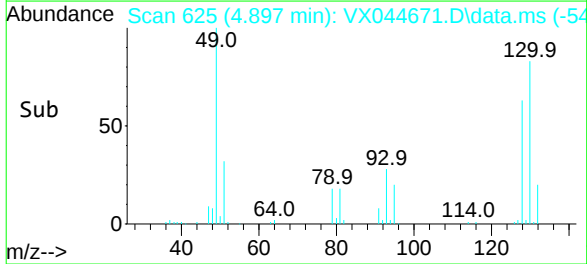


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044671.D
Acq: 16 Jan 2025 14:18

Instrument :
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ClientSampleId :
IBLK

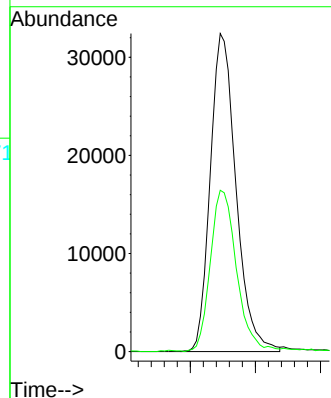
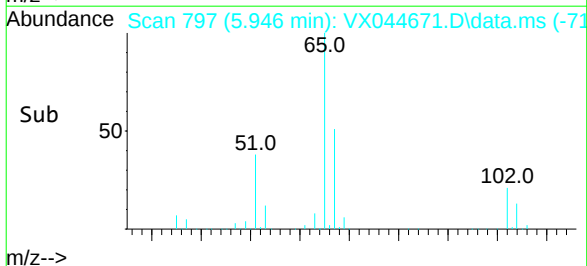
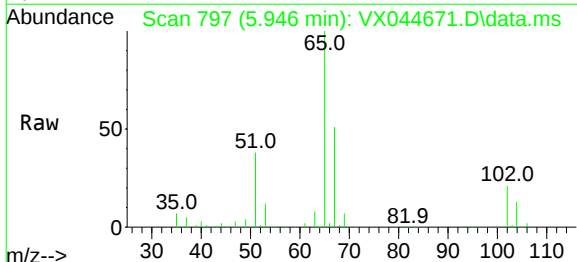


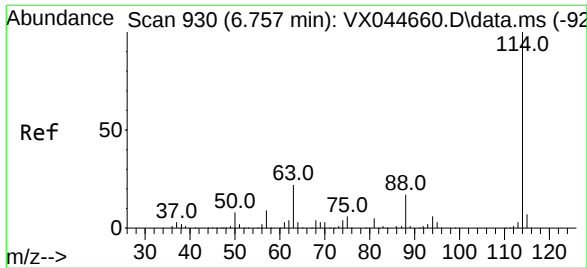
Tgt Ion:128 Resp: 30872
Ion Ratio Lower Upper
128 100
49 166.1 0.0 411.5
130 129.8 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 29.914 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044671.D
Acq: 16 Jan 2025 14:18

Tgt Ion: 65 Resp: 89155
Ion Ratio Lower Upper
65 100
67 50.9 41.4 62.2

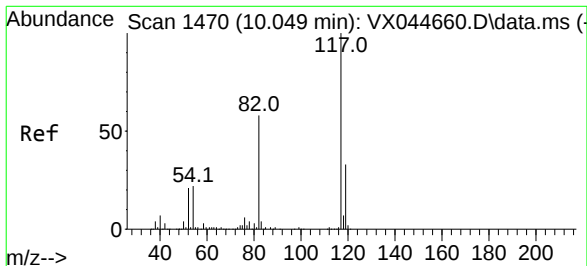
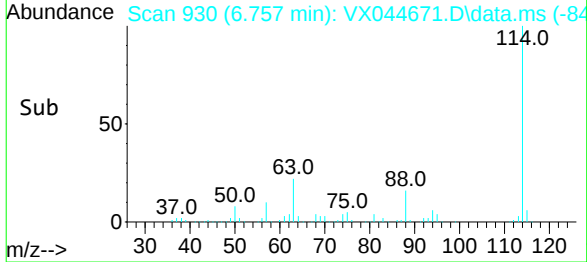
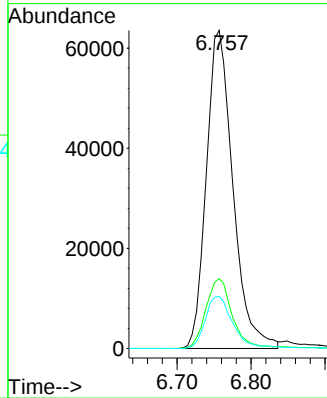
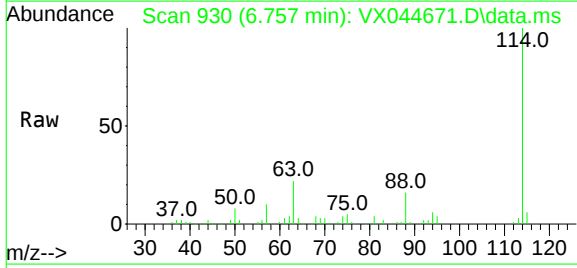




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044671.D
Acq: 16 Jan 2025 14:18

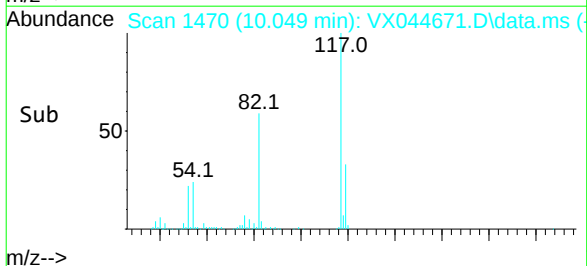
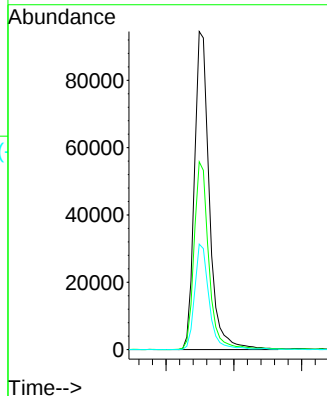
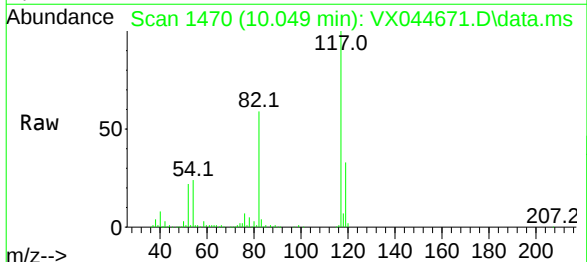
Instrument :
MSVOA_X
ClientSampleId :
IBLK

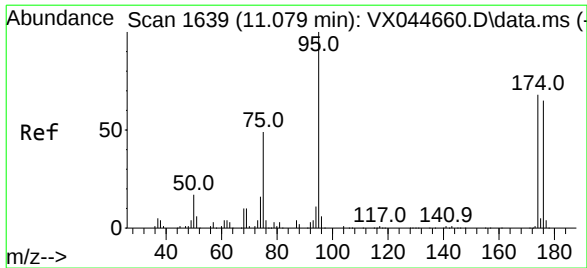
Tgt Ion:	114	Resp:	158542
Ion	Ratio	Lower	Upper
114	100		
63	21.7	16.6	24.8
88	16.5	13.4	20.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044671.D
Acq: 16 Jan 2025 14:18

Tgt Ion:	117	Resp:	144585
Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.8	68.6
119	31.9	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 28.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044671.D

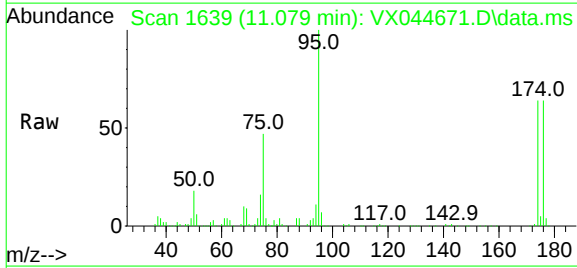
Acq: 16 Jan 2025 14:18

Instrument :

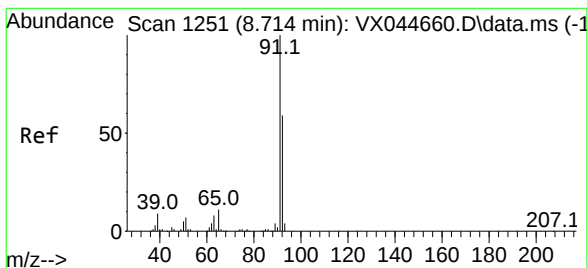
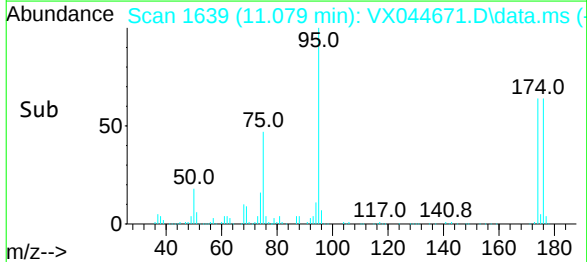
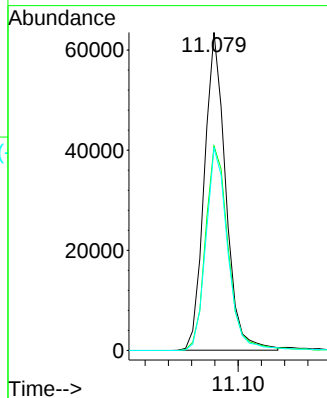
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	95	Resp:	81087
Ion	Ratio	Lower	Upper
95	100		
174	68.0	54.6	81.8
176	65.9	52.8	79.2



#62

Toluene

Concen: 0.334 ug/l

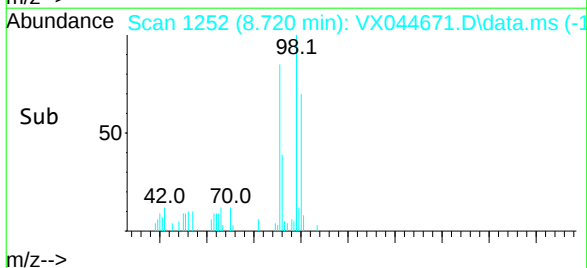
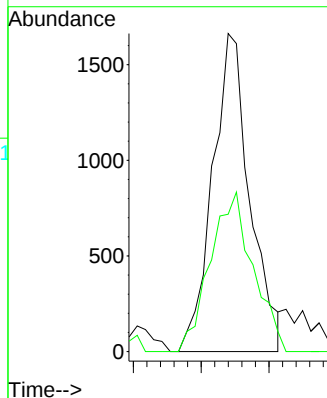
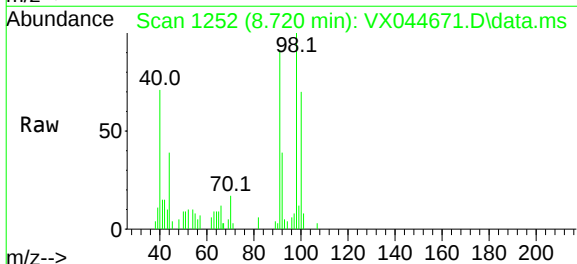
RT: 8.720 min Scan# 1252

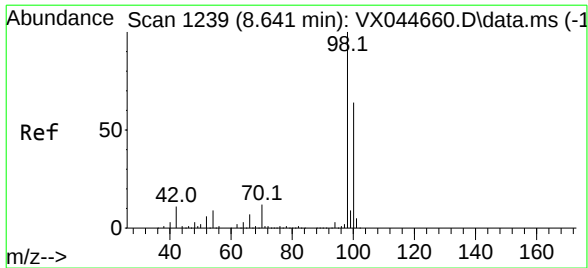
Delta R.T. 0.006 min

Lab File: VX044671.D

Acq: 16 Jan 2025 14:18

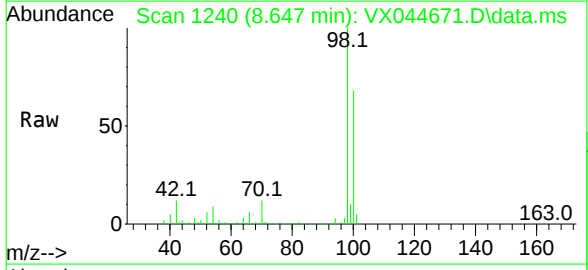
Tgt Ion:	91	Resp:	3176
Ion	Ratio	Lower	Upper
91	100		
92	57.4	47.3	70.9





#63
Toluene-d8
Concen: 30.321 ug/l
RT: 8.647 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX044671.D
Acq: 16 Jan 2025 14:18

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 98 Resp: 238445

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.6	80.4

