

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085032.D
 Acq On : 25 Nov 2024 16:54
 Operator : JC\MD
 Sample : P4997-04 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 26 07:24:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	23776	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	118523	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	105687	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	57837	30.258	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.867%
60) 4-Bromofluorobenzene	12.847	95	43529	23.920	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.733%
63) Toluene-d8	10.565	98	140821	28.146	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.833%

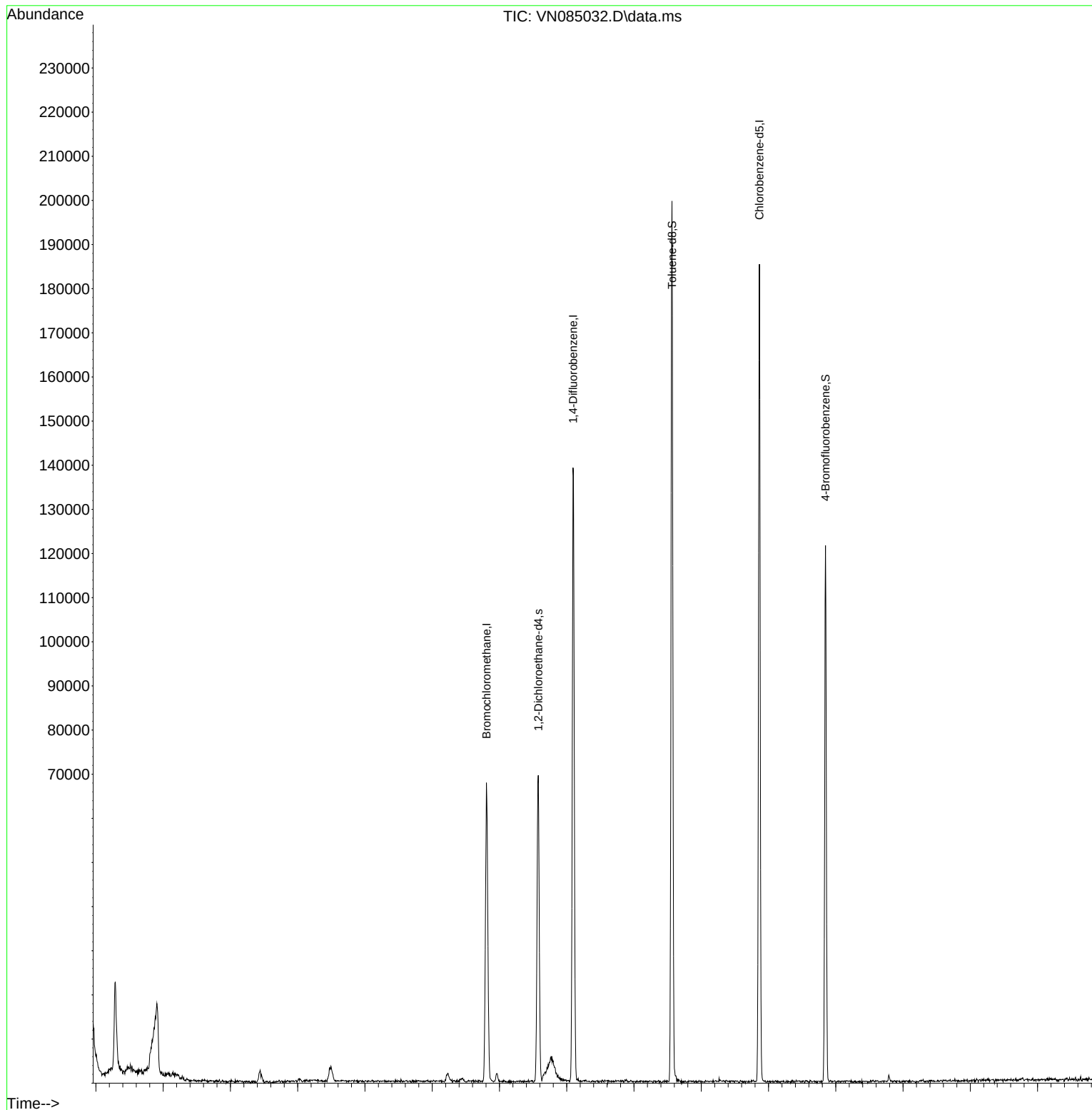
Target Compounds	Qvalue

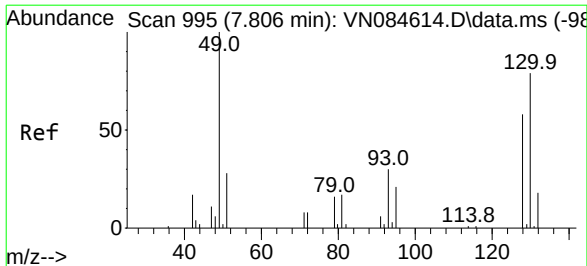
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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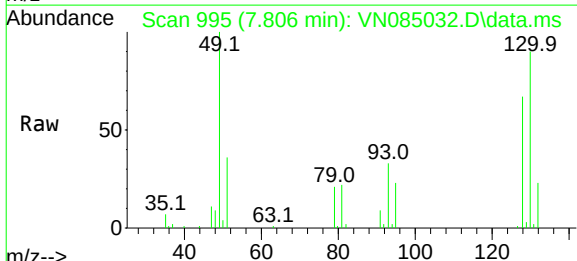
Quant Time: Nov 26 07:24:33 2024
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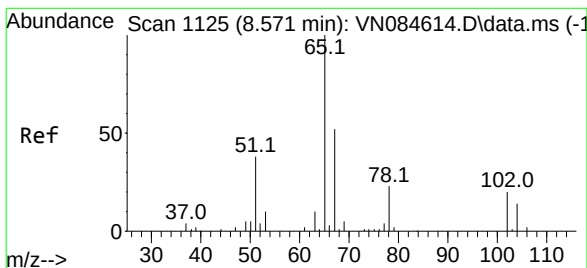
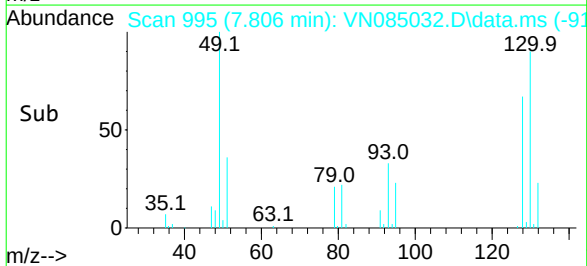
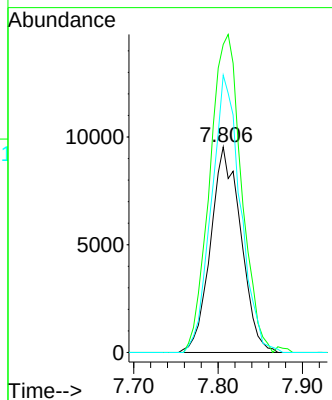


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085032.D
Acq: 25 Nov 2024 16:54

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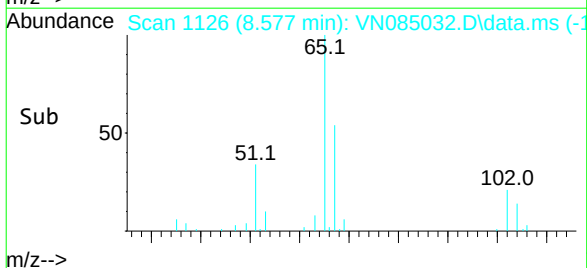
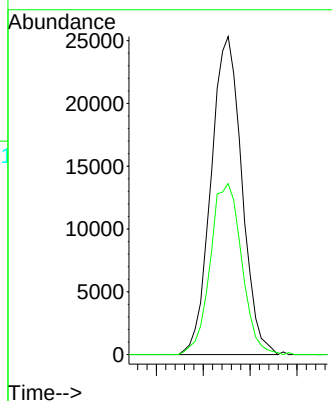
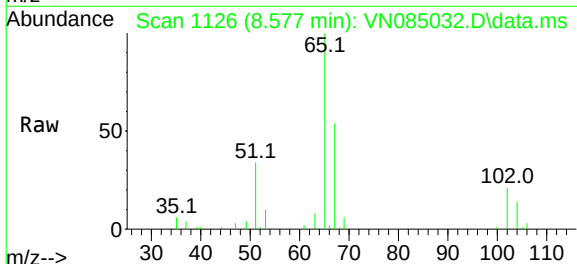


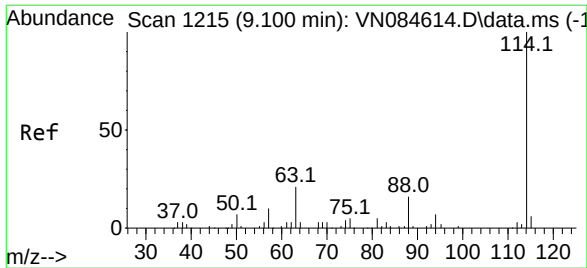
Tgt Ion:128 Resp: 23776
Ion Ratio Lower Upper
128 100
49 162.3 0.0 427.0
130 129.8 0.0 322.2



#27
1,2-Dichloroethane-d4
Concen: 30.258 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085032.D
Acq: 25 Nov 2024 16:54

Tgt Ion: 65 Resp: 57837
Ion Ratio Lower Upper
65 100
67 54.8 40.7 61.1

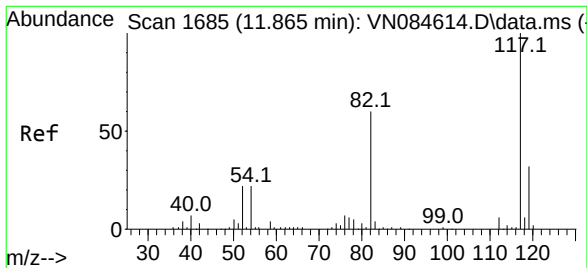
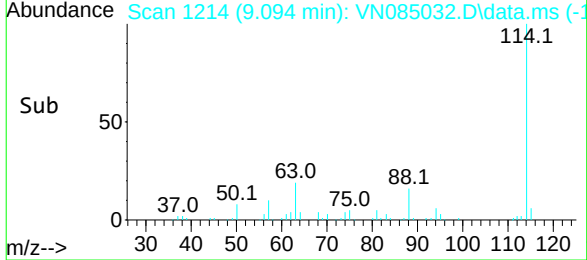
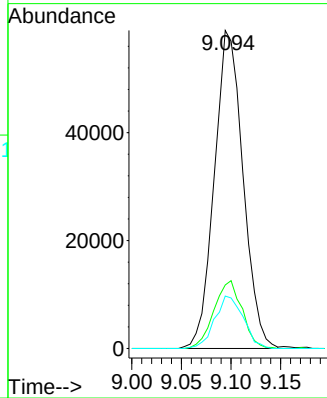
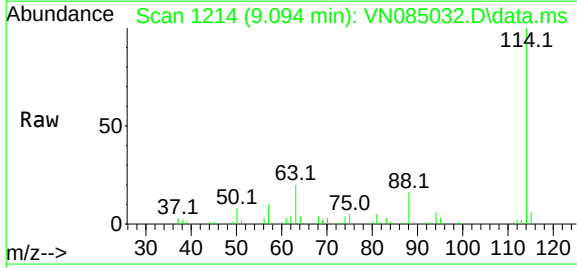




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN085032.D
Acq: 25 Nov 2024 16:54

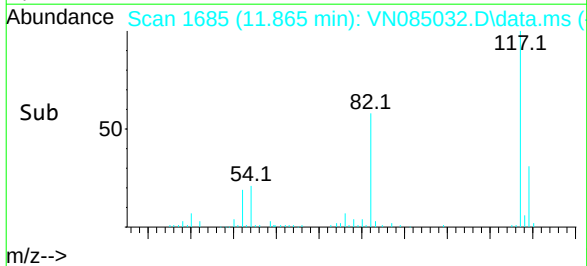
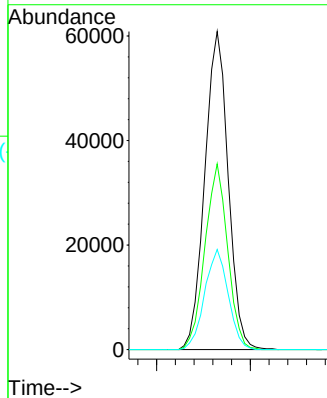
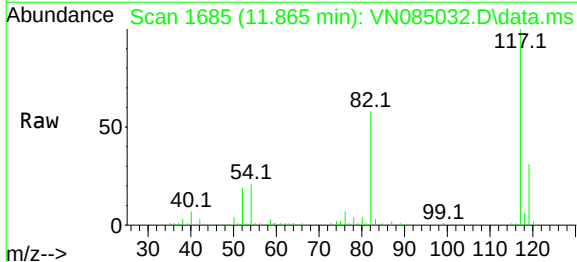
Instrument :
MSVOA_N
ClientSampleId :
14B-4

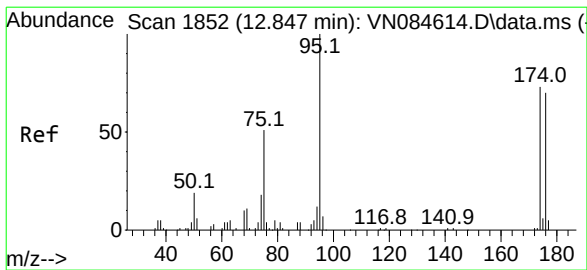
Tgt Ion:	114	Resp:	118523
Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.8	25.2
88	16.4	12.9	19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085032.D
Acq: 25 Nov 2024 16:54

Tgt Ion:	117	Resp:	105687
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.5	68.3
119	31.7	25.3	37.9





#60

4-Bromofluorobenzene

Concen: 23.920 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085032.D

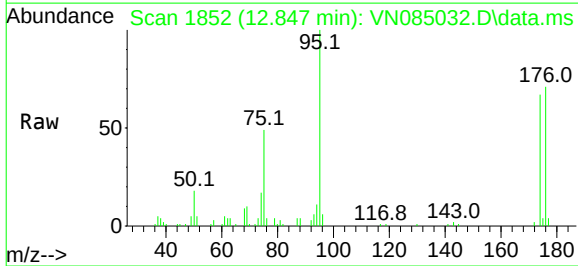
Acq: 25 Nov 2024 16:54

Instrument :

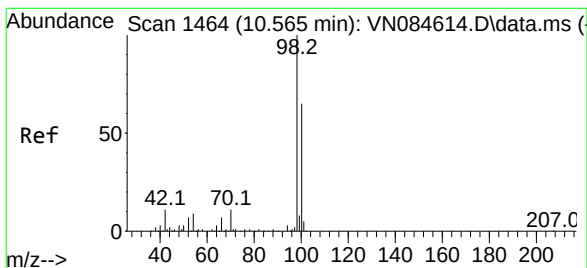
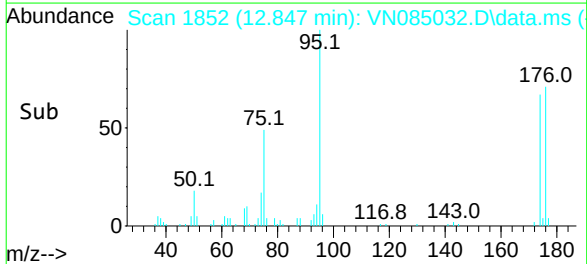
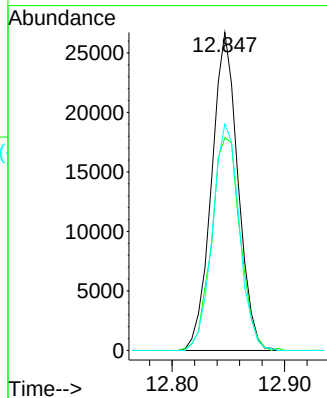
MSVOA_N

ClientSampleId :

14B-4



Tgt Ion:	95	Resp:	43529
Ion	Ratio	Lower	Upper
95	100		
174	72.6	59.6	89.4
176	72.5	58.6	88.0



#63

Toluene-d8

Concen: 28.146 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085032.D

Acq: 25 Nov 2024 16:54

Tgt Ion:	98	Resp:	140821
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.2

