

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084185.D
 Acq On : 26 Sep 2024 18:40
 Operator : JC\MD
 Sample : P4165-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Sep 27 01:13:33 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)

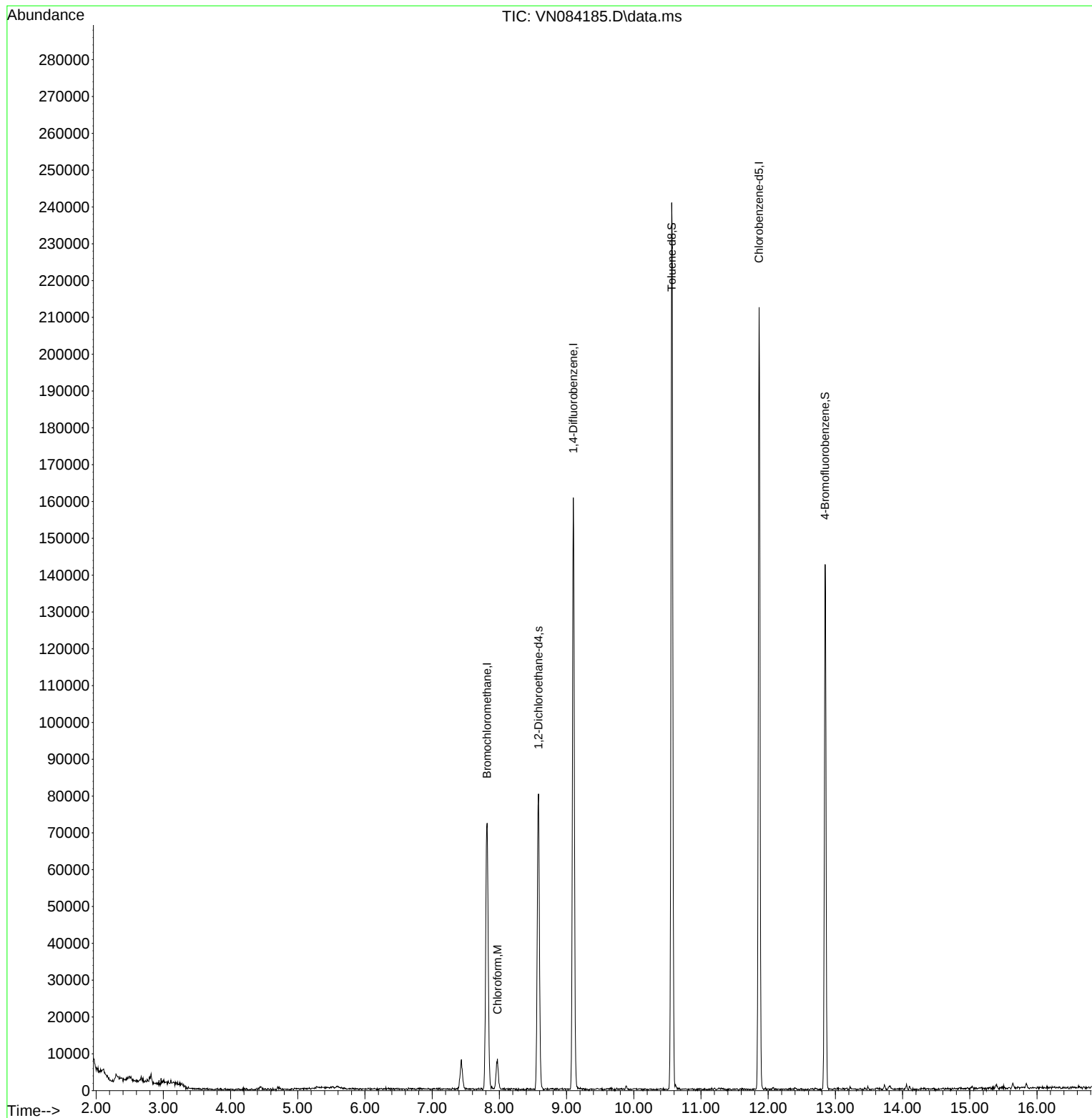
Internal Standards						
1) Bromochloromethane	7.818	128	24902	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	129748	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	119067	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	67449	29.632	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.767%
60) 4-Bromofluorobenzene	12.847	95	49621	24.181	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.600%
63) Toluene-d8	10.565	98	166153	30.137	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%
Target Compounds						
25) Chloroform	7.971	83	8393	2.531	ug/l	Qvalue 99

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

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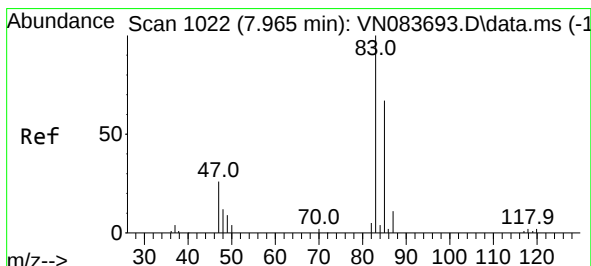
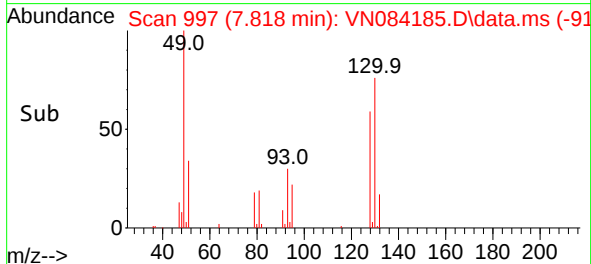
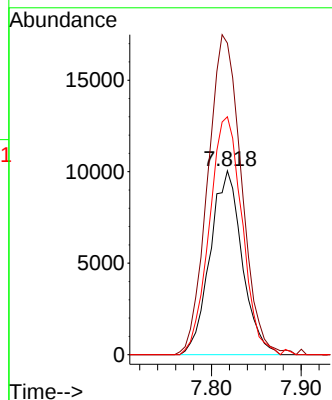
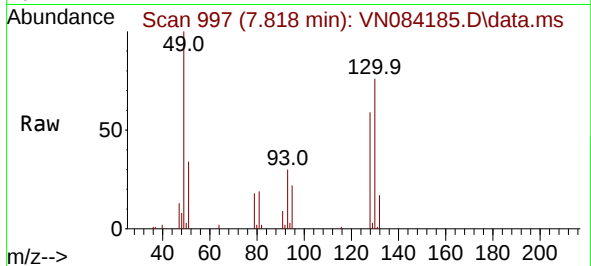




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084185.D
Acq: 26 Sep 2024 18:40

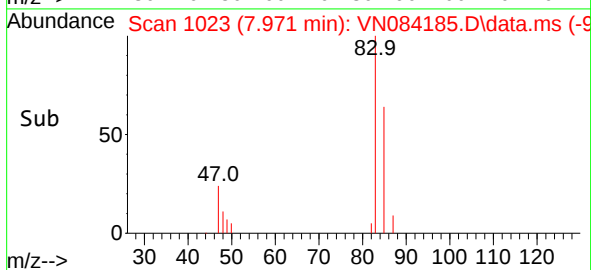
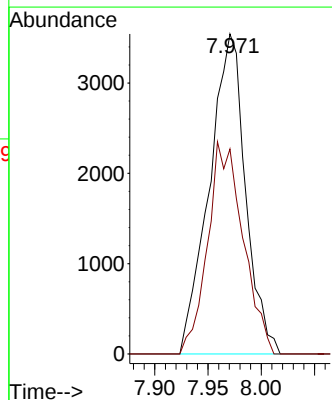
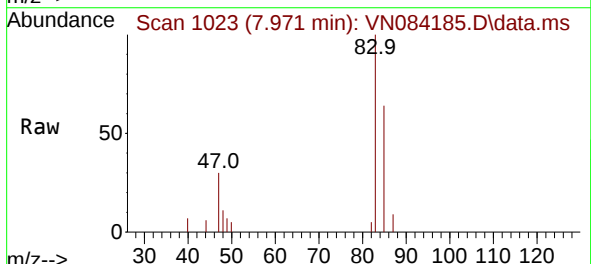
Instrument :
MSVOA_N
ClientSampleId :
14B-1

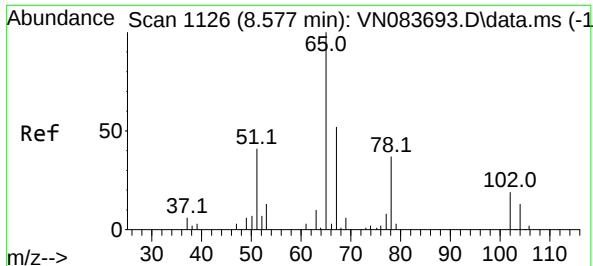
Tgt Ion	Ratio	Lower	Upper
128	100		
49	182.7	0.0	403.7
130	132.2	0.0	323.3



#25
Chloroform
Concen: 2.531 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084185.D
Acq: 26 Sep 2024 18:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#27

1,2-Dichloroethane-d4

Concen: 29.632 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084185.D

Acq: 26 Sep 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

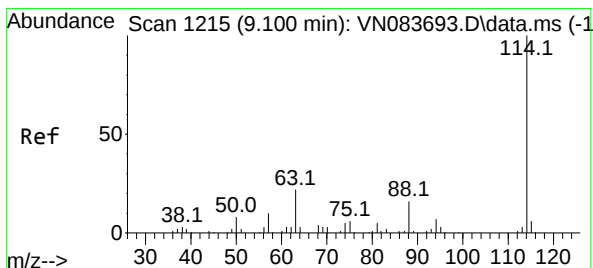
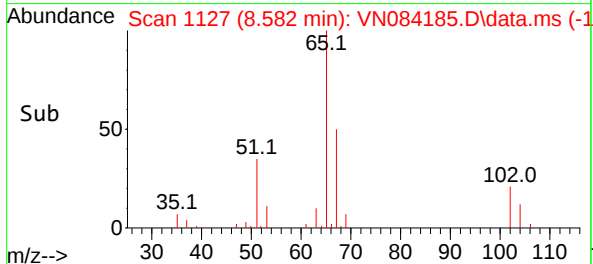
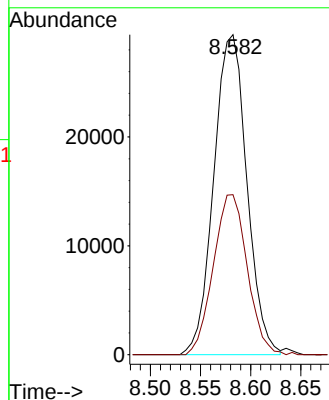
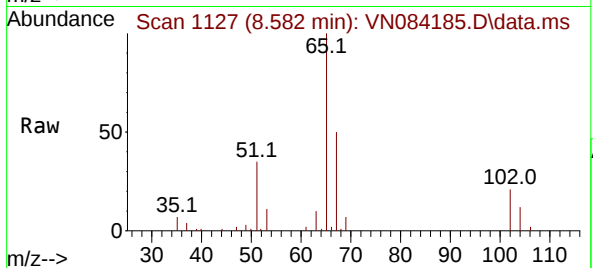
14B-1

Tgt Ion: 65 Resp: 67449

Ion Ratio Lower Upper

65 100

67 51.1 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: VN084185.D

Acq: 26 Sep 2024 18:40

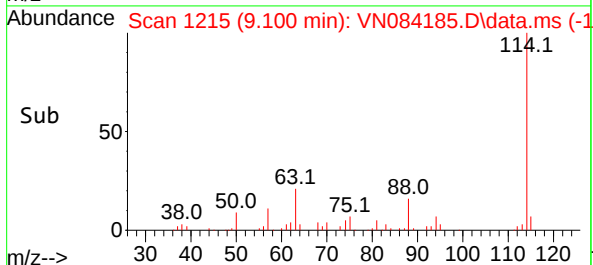
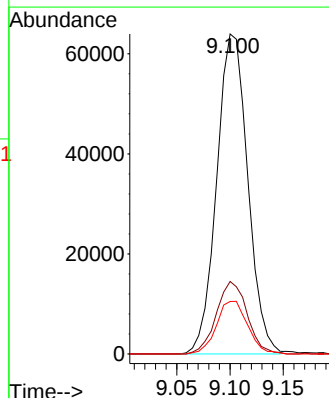
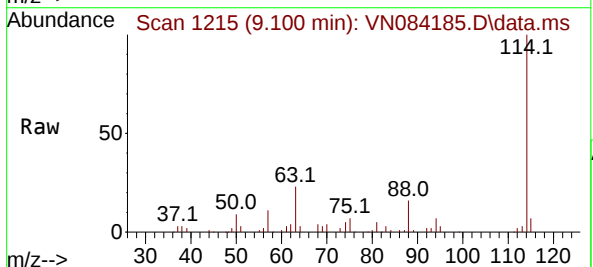
Tgt Ion: 114 Resp: 129748

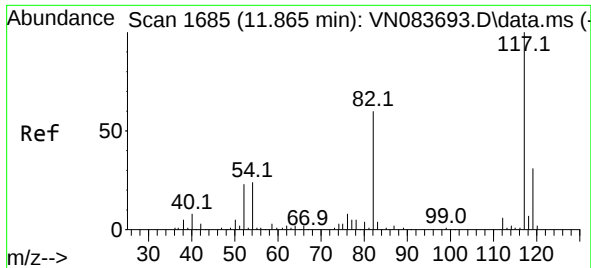
Ion Ratio Lower Upper

114 100

63 22.5 15.9 23.9

88 16.6 12.7 19.1

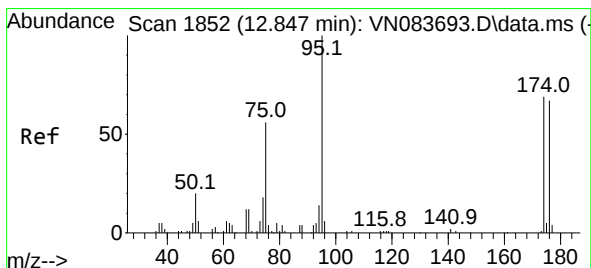
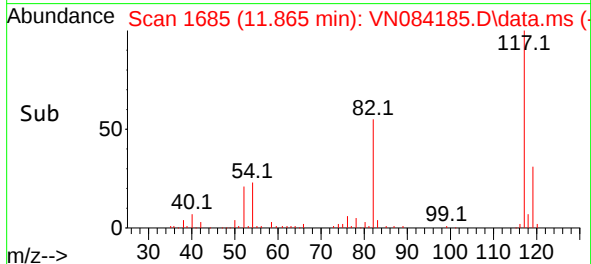
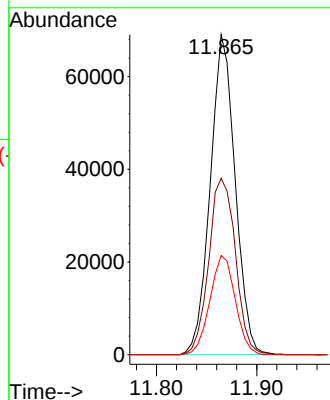
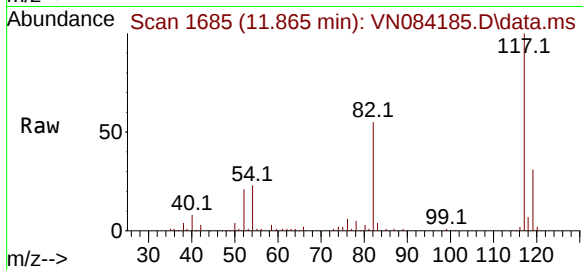




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 119067
Delta R.T. -0.000 min
Lab File: VN084185.D
Acq: 26 Sep 2024 18:40

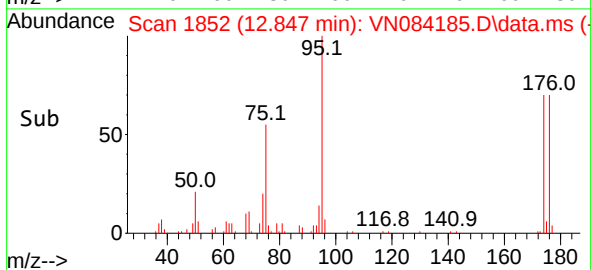
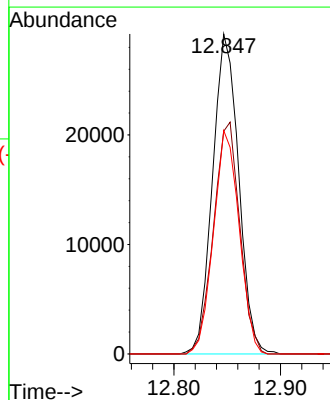
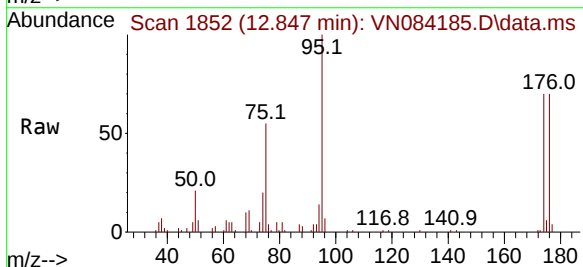
Instrument :
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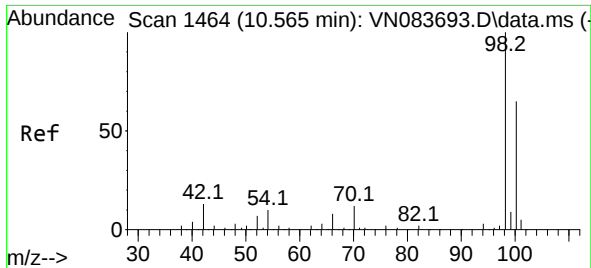
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.6	69.8
119	31.5	25.4	38.2



#60
4-Bromofluorobenzene
Concen: 24.181 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084185.D
Acq: 26 Sep 2024 18:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	60.5	90.7
176	68.9	57.8	86.6





#63

Toluene-d8

Concen: 30.137 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084185.D

Acq: 26 Sep 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

14B-1

Tgt Ion: 98 Resp: 166153

Ion Ratio Lower Upper

98 100

100 64.1 52.7 79.1

