

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084179.D
 Acq On : 26 Sep 2024 16:16
 Operator : JC\MD
 Sample : P4176-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-1C-SYS2

Quant Time: Sep 27 01:10:58 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	7.812	128	23497	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	116485	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	105894	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	62215	28.967	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.567%
60) 4-Bromofluorobenzene	12.847	95	43577	23.877	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.600%
63) Toluene-d8	10.565	98	146631	29.905	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%

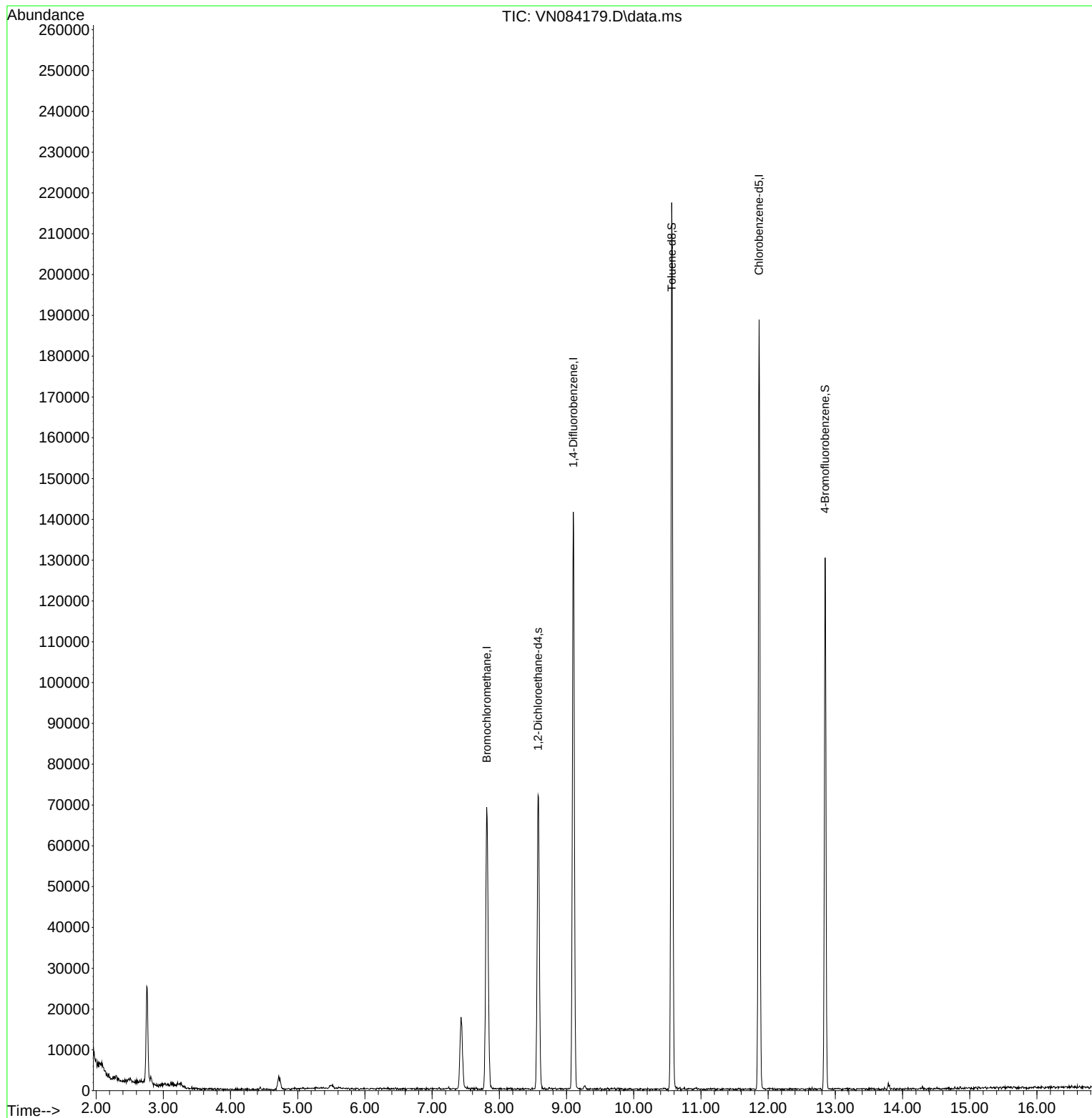
Target Compounds	Qvalue

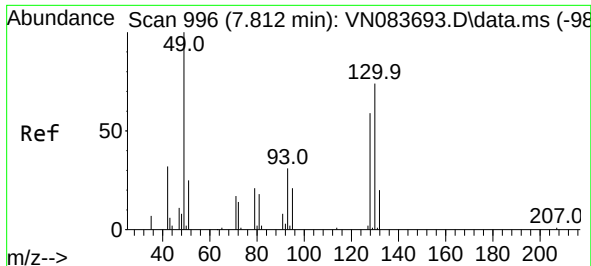
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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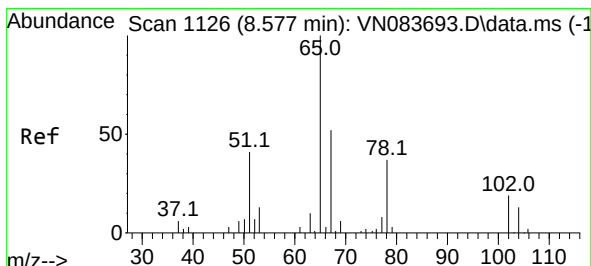
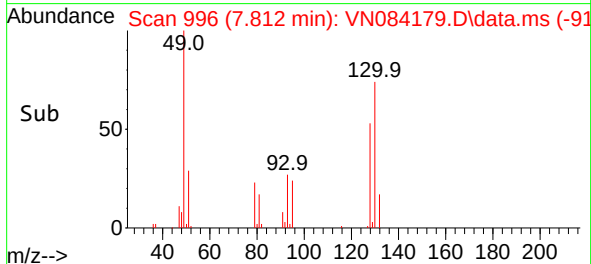
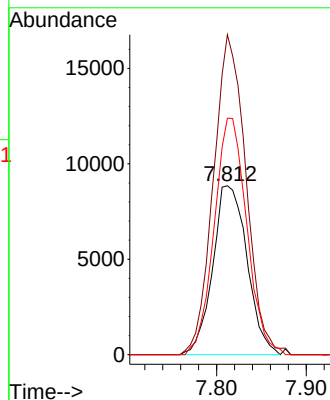
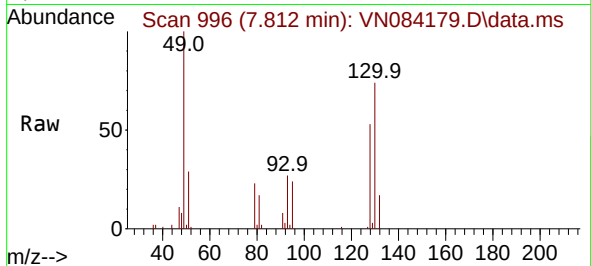




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084179.D
Acq: 26 Sep 2024 16:16

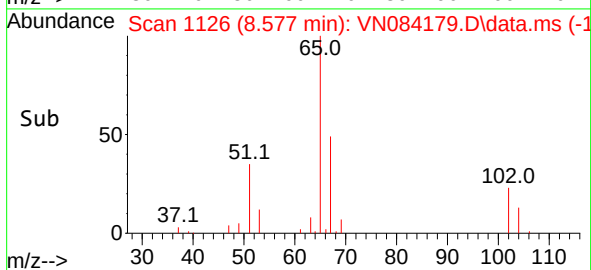
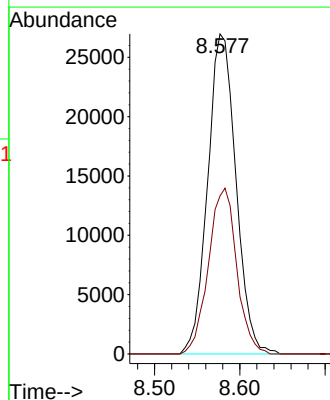
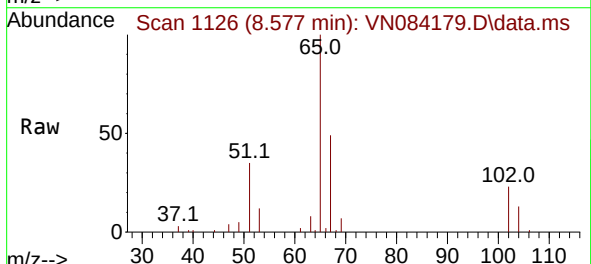
Instrument :
MSVOA_N
ClientSampleId :
FB-1C-SYS2

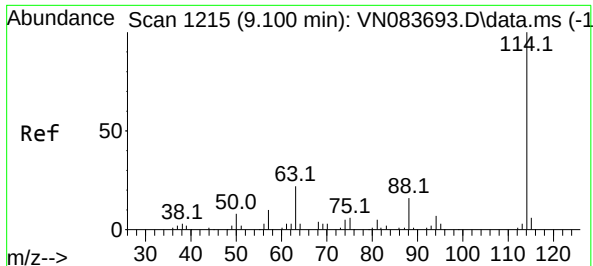
Tgt Ion:128 Resp: 23497
Ion Ratio Lower Upper
128 100
49 178.9 0.0 403.7
130 132.9 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 28.967 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084179.D
Acq: 26 Sep 2024 16:16

Tgt Ion: 65 Resp: 62215
Ion Ratio Lower Upper
65 100
67 51.7 43.2 64.8

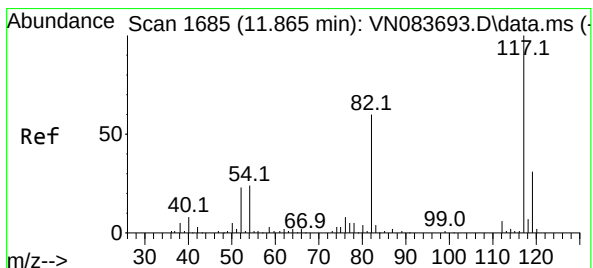
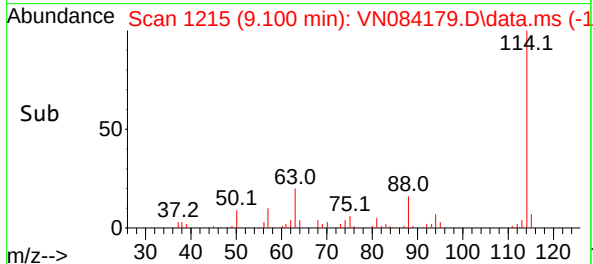
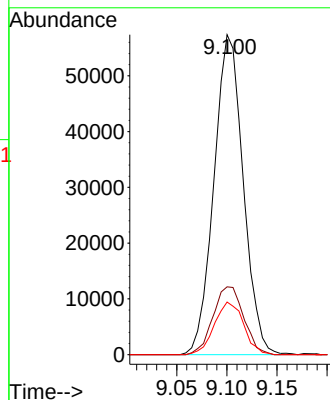
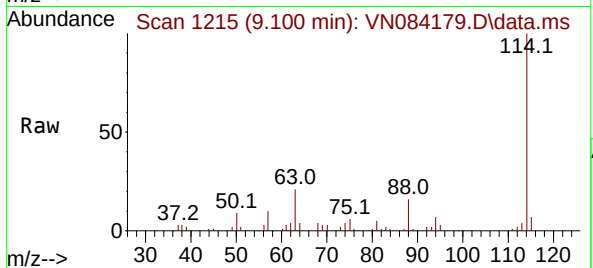




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 116485
Delta R.T. 0.000 min
Lab File: VN084179.D
Acq: 26 Sep 2024 16:16

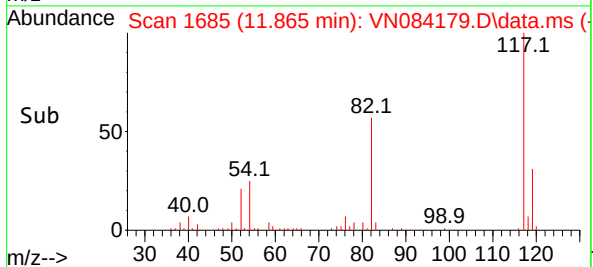
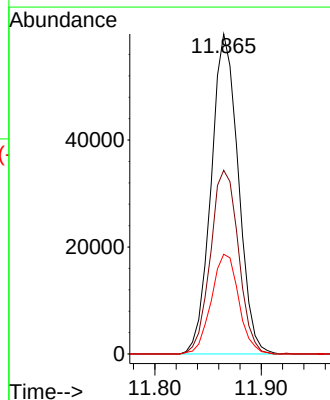
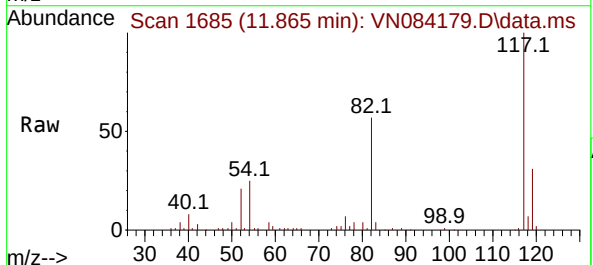
Instrument :
MSVOA_N
ClientSampleId :
FB-1C-SYS2

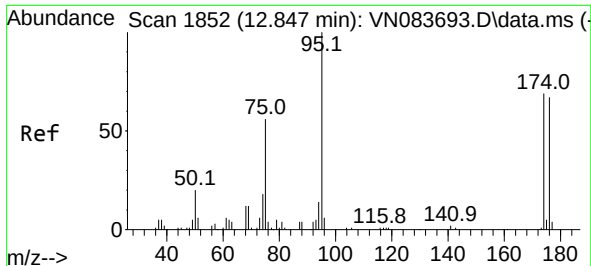
Tgt Ion:114 Resp: 116485
Ion Ratio Lower Upper
114 100
63 22.3 15.9 23.9
88 16.5 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084179.D
Acq: 26 Sep 2024 16:16

Tgt Ion:117 Resp: 105894
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 31.5 25.4 38.2

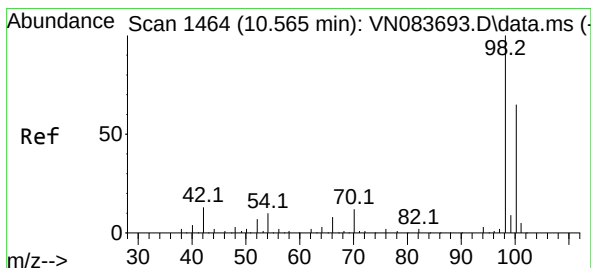
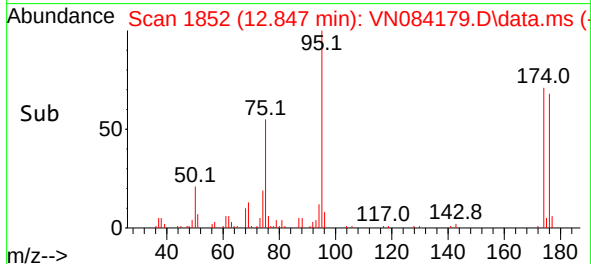
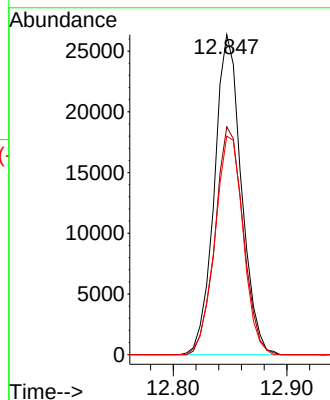
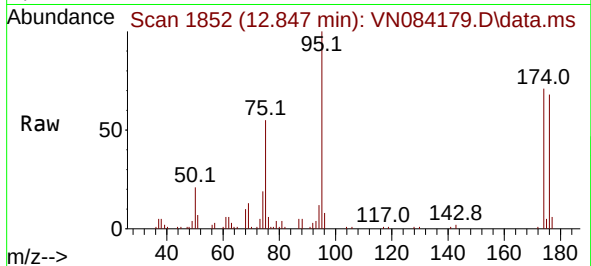




#60
4-Bromofluorobenzene
Concen: 23.877 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084179.D
Acq: 26 Sep 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :
FB-1C-SYS2

Tgt Ion: 95 Resp: 43577
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 71.5 57.8 86.6



#63
Toluene-d8
Concen: 29.905 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084179.D
Acq: 26 Sep 2024 16:16

Tgt Ion: 98 Resp: 146631
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

