

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084182.D
 Acq On : 26 Sep 2024 17:28
 Operator : JC\MD
 Sample : P4176-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-1C-SYS1

Quant Time: Sep 27 01:11:57 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	27412	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	132392	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	121378	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	69562	27.762	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.533%
60) 4-Bromofluorobenzene	12.847	95	49565	23.693	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.967%
63) Toluene-d8	10.565	98	164947	29.349	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.833%

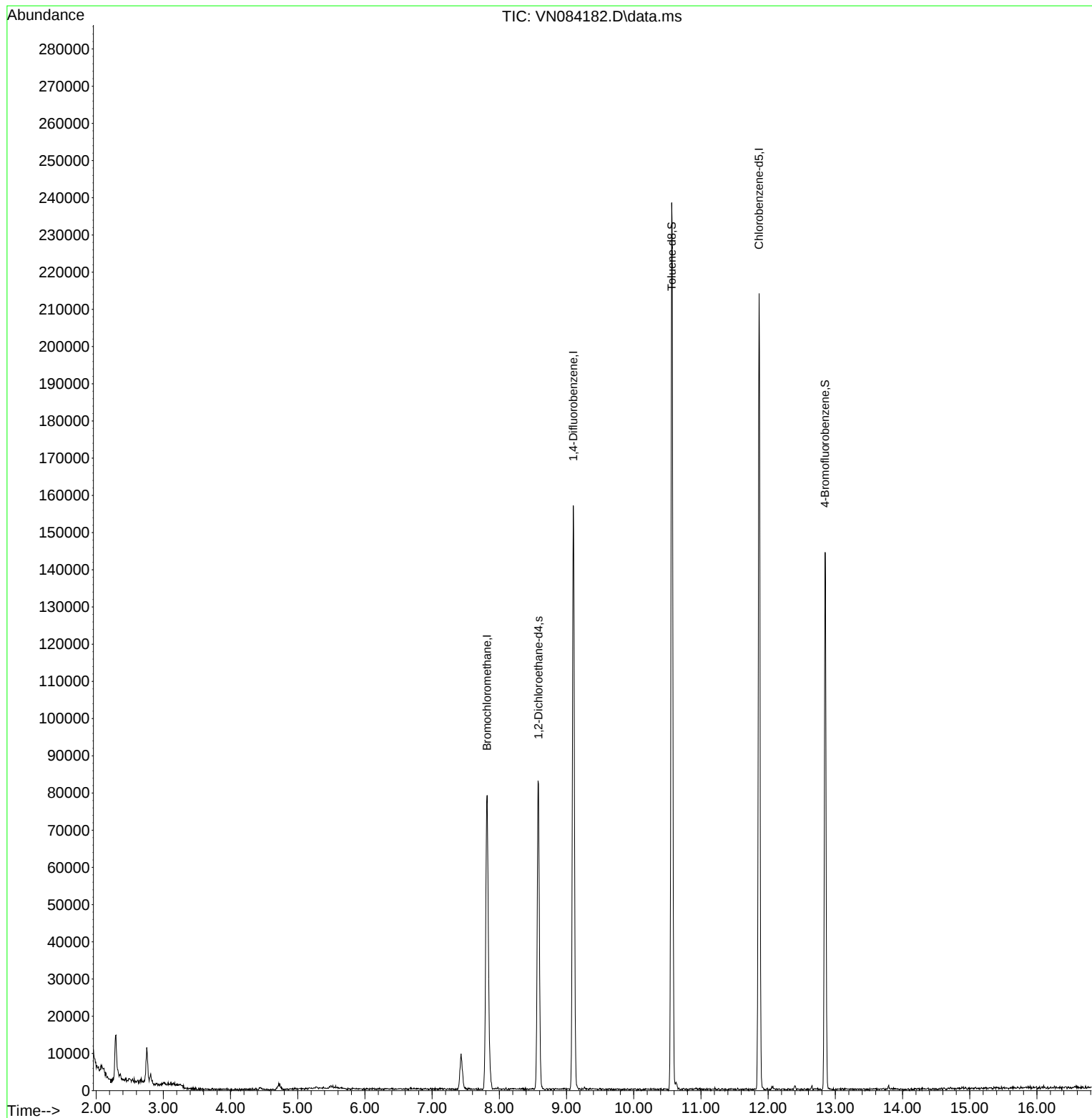
Target Compounds	Qvalue

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

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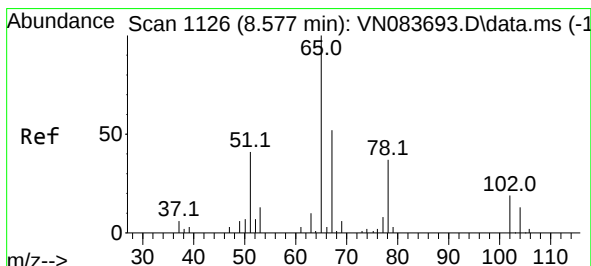
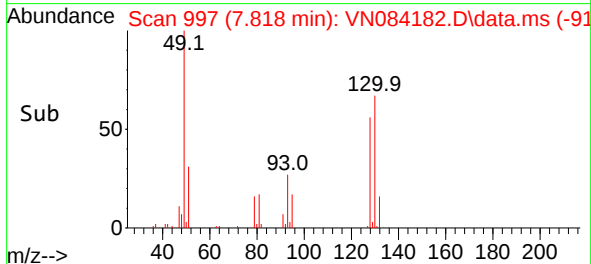
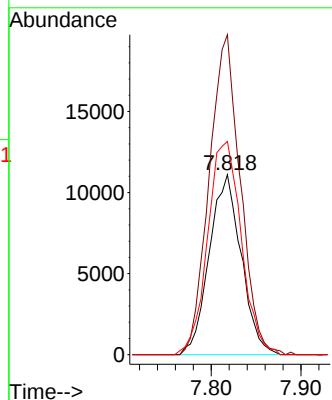
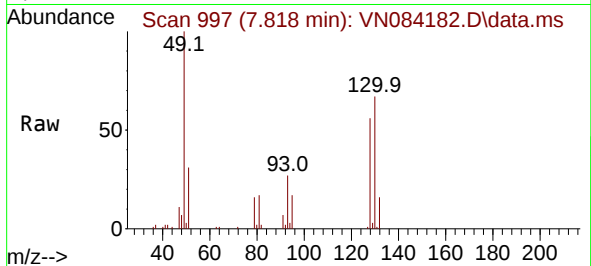




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084182.D
Acq: 26 Sep 2024 17:28

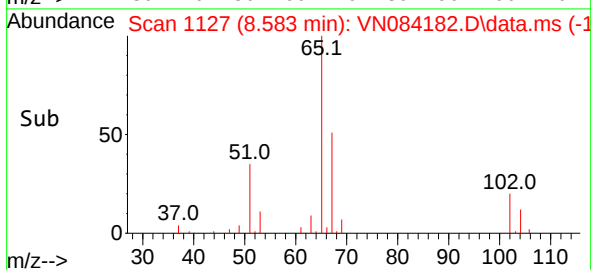
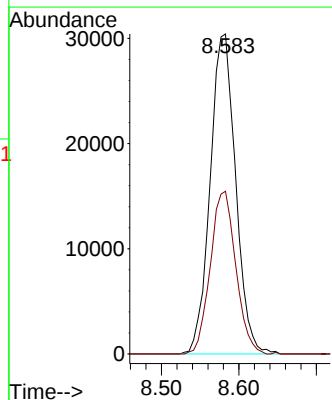
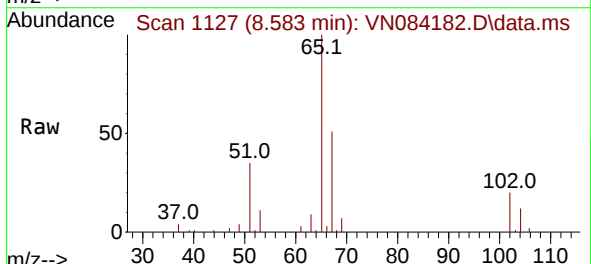
Instrument :
MSVOA_N
ClientSampleId :
FB-1C-SYS1

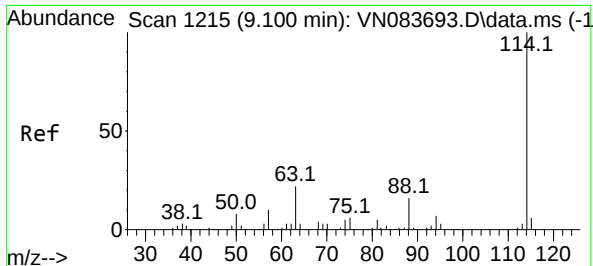
Tgt Ion:128 Resp: 27412
Ion Ratio Lower Upper
128 100
49 173.5 0.0 403.7
130 125.1 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 27.762 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084182.D
Acq: 26 Sep 2024 17:28

Tgt Ion: 65 Resp: 69562
Ion Ratio Lower Upper
65 100
67 50.8 43.2 64.8

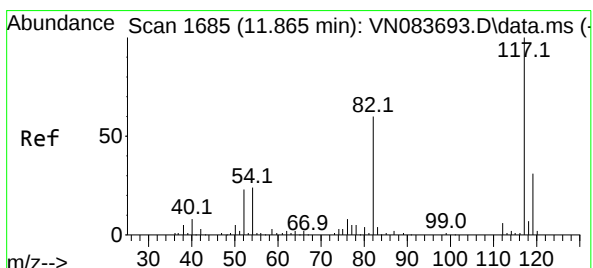
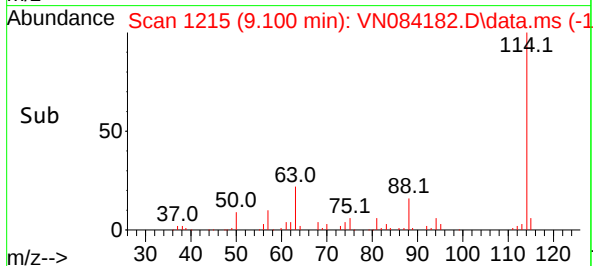
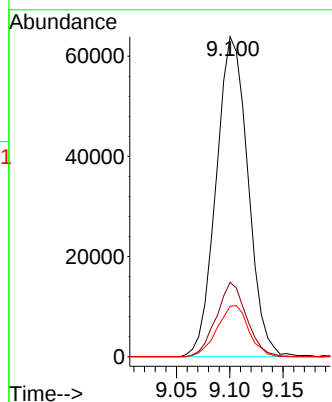
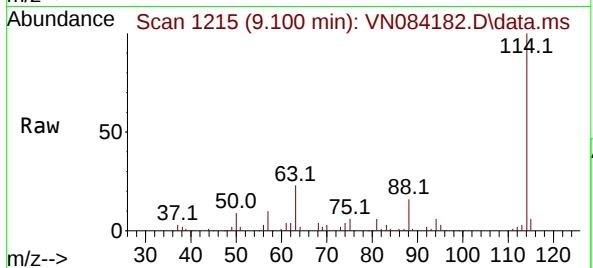




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084182.D
Acq: 26 Sep 2024 17:28

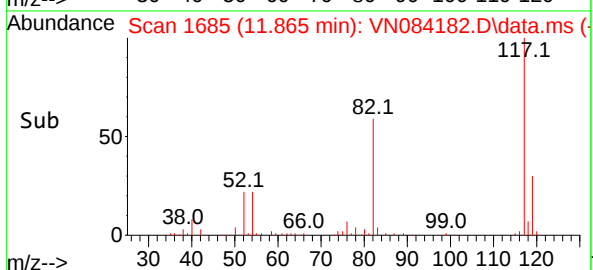
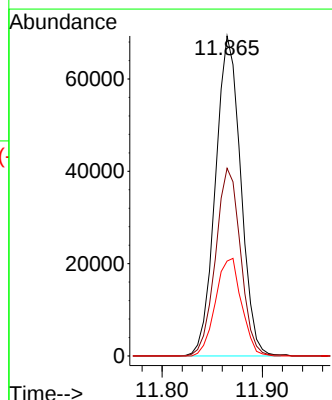
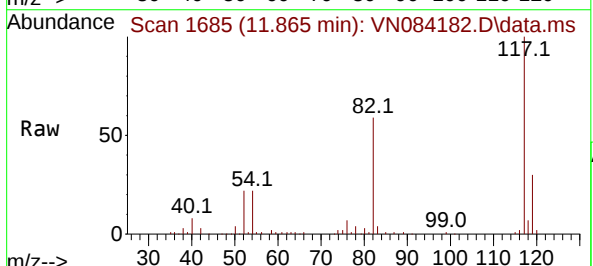
Instrument :
MSVOA_N
ClientSampleId :
FB-1C-SYS1

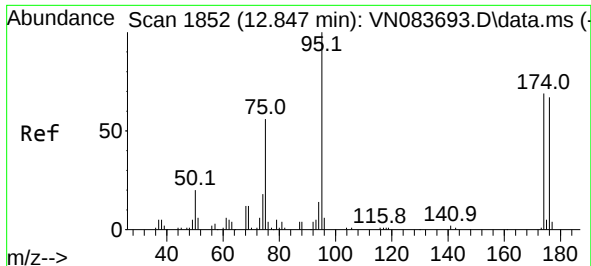
Tgt Ion:114 Resp: 132392
Ion Ratio Lower Upper
114 100
63 22.1 15.9 23.9
88 15.9 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084182.D
Acq: 26 Sep 2024 17:28

Tgt Ion:117 Resp: 121378
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 31.4 25.4 38.2

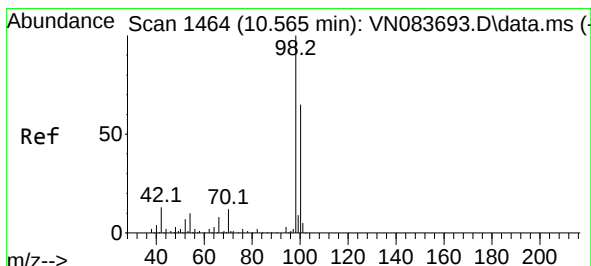
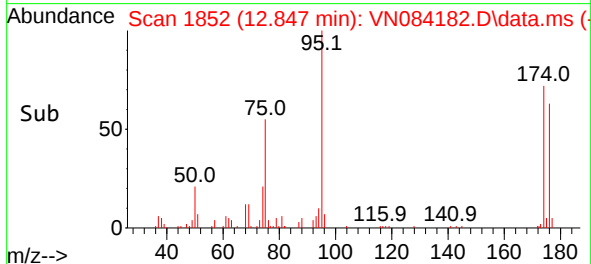
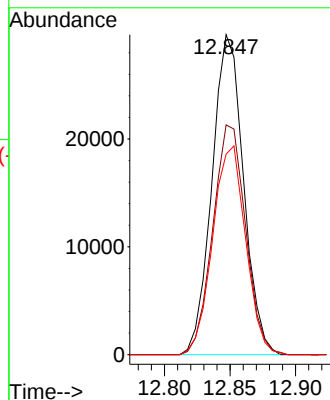
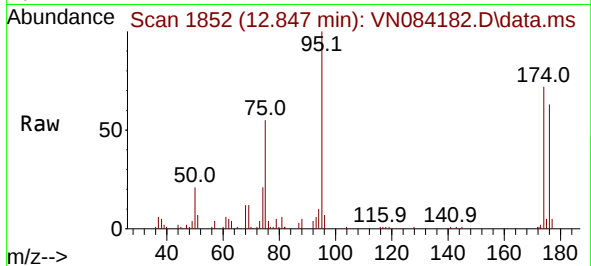




#60
4-Bromofluorobenzene
Concen: 23.693 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084182.D
Acq: 26 Sep 2024 17:28

Instrument :
MSVOA_N
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Tgt Ion: 95 Resp: 49565
Ion Ratio Lower Upper
95 100
174 74.8 60.5 90.7
176 68.3 57.8 86.6



#63
Toluene-d8
Concen: 29.349 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084182.D
Acq: 26 Sep 2024 17:28

Tgt Ion: 98 Resp: 164947
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

